

# KING COUNTY FIRE PROTECTION DISTRICT NO.16 7220 NE 181st Street

KENMORE, WA 98028

BUSINESS: 425-354-1780 FAX: 425-354-1781

**MINUTES** 

November 16, 2021

# **REGULAR MEETING BOARD OF COMMISSIONERS**

# at Northshore Fire Department's Headquarters Station 51

Virtual Meeting via Zoom

# I. OPEN REGULAR NORTHSHORE MEETING

1.1 Roll Call

Chair Rick Webster called the meeting to order at 5:00 PM.

Persons in attendance were Commissioners Eric Adman, Josh Pratt, Milton Curtis, Rick Webster, and Dave Maehren. Also present was Chief McDonald, Advisory members Lisa Wollum, Tyler Byers, Nate Herzog, Legal Counsel Matt Paxton, Board Secretary Amy Oakley, and 20 members of the public.

### II. PUBLIC COMMENT

2.1 No public comments.

### III. APPROVAL OF THE AGENDA

- 3.1 Commissioner Pratt moved to add a discussion of the Deputy Chief position. Commissioner Maehren seconded. The Board discussed. Commissioner Pratt accepted a friendly amendment to include this discussion under the current Item 4.6 NSFD Operations Discussion. The motion passed unanimously.
- **3.2** Commissioner Adman moved to add Item 4.9 discussion of the North King County Training Consortium. Commissioner Curtis seconded. The Board discussed. The motion passed unanimously.
- **3.3** Commissioner Pratt moved to adopt the agenda as amended. Commissioner Curtis seconded. The motion passed unanimously.

### IV. BOARD DISCUSSION AND POSSIBLE ACTION ITEMS

- 4.1 Conversation with IAFF, Local 2459
  - President, Jeremiah Ingersoll, addressed the Board with comments related to the 2022 collective bargaining process, the contract for services evaluation process, the North King County Training Consortium, and the Deputy Chief role.
- 4.2 RCL Reserve Funding Study
  - Chief McDonald provided overview of the RCL reserve study.
  - Chief McDonald and the Board will discuss the details of the study at the next meeting.

- 4.3 Revisit Resolution 20-10
  - The Board will review this resolution in January 2022 and make any adjustments based on the RCL Reserve Study.
- 4.4 Fire Marshal ILA Agreements
  - Chief McDonald updated the Board on the status of contracting for Fire Marshal services.
  - This item will be discussed further at the next meeting.
- 4.5 Contract for Services Update
  - Consultant, Tom Broetje, presented his analysis of the Eastside Fire & Rescue and Shoreline Contract for Services proposals.
  - The Board will discuss the analysis further at the next meeting.
- 4.6 NSFD Operations Discussion
  - o Chief McDonald will be resigning from NSFD effective December 31, 2021.
  - The Board discussed the timing for selecting a contract for services.
  - The Board discussed temporarily promoting from within for the Deputy Chief role.

Commissioner Pratt moved to direct Chief McDonald to fill the position of the Deputy Chief from within. Commissioner Curtis seconded. The Board discussed. The motion failed 1-3. Commissioner Pratt voted in favor. Commissioners Webster, Maehren, and Curtis opposed. Commissioner Adman abstained from voting.

Commissioner Maehren moved to have a special meeting next week to review proposals from Chief McDonald on options to move forward upon his departure. Commissioner Webster seconded. Commissioner Maehren accepted a friendly amendment to have the meeting on Tuesday, November 23rd at 4pm. The motion passed unanimously.

- The Board discussed timing and options for filling an interim Fire Marshal position. Chief McDonald will provide an update at the next meeting.
- The Board discussed administrative responsibilities that will be outside of the contract for services. This item will remain on the agenda for the next meeting.
- 4.7 Water Rescue Program Discussion
  - Chief McDonald updated the Board on the status of the purchase of a rescue watercraft.
- 4.8 Discussion of Fire Chief Performance Review
  - The Board will not conduct a performance review for Chief McDonald.
- 4.9 North King County Training Consortium (NKCTC)
  - Chief McDonald updated the Board on the current operation and expansion of the NKCTC.

#### V. EXECUTIVE SESSION

The Board moved into Executive Session at 6:55PM until 7:25PM to discuss the performance of an employee pursuant to RCW 42.30.110(1)(g), to discuss with legal counsel representing the agency matters relating to litigation or potential litigation pursuant to RCW 42.30.110(1)(i), and

to discuss collective bargaining, the planning or adopting the strategy or position to be taken during the course of collective bargaining, or reviewing a proposal made in negotiations pursuant to RCW 42.30.140(4). The Board extended the session by 15 minutes. The Board moved back into open session at 7:40PM.

#### VI. BOARD RESOLUTIONS

6.1 None

#### VII. CONSENT AGENDA

- 7.1 Vouchers
  - The General Fund Vouchers totaled \$68,511.74
  - The Reserve Fund Vouchers totaled \$42,894.60
- 7.2 Meeting Minutes: 11/2/2021 and 11/9/2021
- 7.3 Commissioner Compensation

Commissioner Pratt moved to accept the consent agenda as presented. Commissioner Curtis seconded. The Board discussed. Commissioner Pratt accepted a friendly amendment to remove the Commissioner Compensation from the consent agenda. The motion passed unanimously.

• The Board discussed Commissioner compensation timesheets. Commissioner Adman will resubmit his timesheet for approval at the next meeting.

# Commissioner Maehren moved to approve Commissioner Curtis compensation request as submitted. Commissioner Webster seconded. The motion passed 4-0. Commissioner Curtis abstained from voting.

#### VIII. REPORTS

- 8.1 <u>Fire Chief Report</u>
  - Chief McDonald updated the Board regarding the 3-month extension of NORCOM IT contract, NEMCO hiring status, firefighter hiring process, and notification from Woodinville Fire & Rescue leaving the mobile integrated health (MIH) program.
- 8.2 <u>Commissioner Reports</u>
  - o Commissioner Adman recognized the passing of former Commissioner Ron Gehrke.
  - Commissioner Maehren and Commissioner Adman will contact the family and coordinate with NUD.
- 8.3 <u>Legal Counsel Reports</u>
  - Legal Counsel Paxton updated the Board on federal vaccine mandates for Center for Medicare/Medicaid and OSHA requirements.

#### IX. UPCOMING BOARD AGENDAS

- 9.1 <u>Setting of Future Meeting Agenda(s)</u>
  - For the November 23<sup>rd</sup> Special Meeting agenda items will include update on the process for the selection of an Interim Deputy Chief appointment, Commissioner Compensation, swearing in of Commissioner Tyler Byers, Fire Marshal update, Contract for Services update, discussion of the decision process for Contract for Services.

#### ADJOURNMENT

The meeting adjourned at 8:02PM

#### NEXT MEETING DATE

The next Board of Commissioners meeting is scheduled for November 23, 2021, at 4:00PM.

Attachments: Agenda, RCL Reserve Study, Resolution 20-10, Contract for Service Proposal Analysis, Vouchers, Commissioner Compensation, Meeting Minutes 11/2 and 11/9, and Chief's Report.

#### **BOARD OF COMMISSIONERS**

Electronically Signed- Eric Adman
ERIC ADMAN, Member

Electronically Signed- Josh Pratt

JOSH PRATT, Member

Electronically Signed- Tyler Byers

TYLER BYERS, Member

Electronically Signed- Rick Webster

RICK WEBSTER, Member

Electronically Signed- David C. Maehren
DAVID MAEHREN, Member

ATTEST

AMY Oakley

**Amy Oakley,** Secretary King County Fire Protection District No. 16 Adopted at a Regular Meeting of the Board of Commissioners on December 7<sup>th</sup>, 2021

From:	Eric Adman
To:	Board Secretary
Subject:	Re: E-Signatures Required - 12/7/21 Meeting
Date:	Wednesday, December 8, 2021 4:05:17 AM
Attachments:	AP NOSHRFIR APSUPINV 20211207095646 RES Fund.pdf AP NOSHRFIR APSUPINV 20211207095818 GEN Fund.pdf November Payroll Approval Document.pdf November DRS Approval Document.pdf October Commissioner Payroll Approval Document.pdf October Commissioner Payroll Taxes Approval Document.pdf 7.3 DRAFT Minutes RegularMtng 2021-11-16 with attachments.pdf 7.3 DRAFT Minutes SpecialMtng 2021-11-23 with attachments.pdf

The following documents are Approved and Electronically Signed this 8th day of December 2021 by Commissioner Adman.

- AP\_NOSHRFIR\_APSUPINV\_20211207095646 RES Fund
- AP\_NOSHRFIR\_APSUPINV\_20211207095818 GEN Fund
- November Payroll Approval Document
- November Payroll Taxes Approval Document
- November DRS Approval Document
- October Commissioner Payroll Approval Document
- October Commissioner Payroll Taxes Approval Document
- Meeting minutes: 11/16/21 and 11/23/21

# The following documents are Approved and Electronically Signed this 9th day of December, 2021, by Commissioner Tyler Byers.

- AP\_NOSHRFIR\_APSUPINV\_20211207095646 RES Fund
- AP\_NOSHRFIR\_APSUPINV\_20211207095818 GEN Fund
- November Payroll Approval Document
- November Payroll Taxes Approval Document
- November DRS Approval Document
- October Commissioner Payroll Approval Document
- October Commissioner Payroll Taxes Approval Document
- Meeting minutes: 11/16/21 and 11/23/21

From:	<u>Dave Maehren</u>
То:	Board Secretary
Subject:	RE: E-Signatures Required - 12/7/21 Meeting
Date:	Wednesday, December 8, 2021 4:00:49 PM
Attachments:	image001.png

# The following documents are Approved and Electronically Signed this 8th day of December, 2021, by Commissioner David C. Maehren.

- AP\_NOSHRFIR\_APSUPINV\_20211207095646 RES Fund
- AP\_NOSHRFIR\_APSUPINV\_20211207095818 GEN Fund
- November Payroll Approval Document
- November Payroll Taxes Approval Document
- November DRS Approval Document
- October Commissioner Payroll Approval Document
- October Commissioner Payroll Taxes Approval Document
- Meeting minutes: 11/16/21 and 11/23/21

# The following documents are Approved and Electronically Signed this 8th day of December, 2021, by Commissioner Josh Pratt.

- AP\_NOSHRFIR\_APSUPINV\_20211207095646 RES Fund
- AP\_NOSHRFIR\_APSUPINV\_20211207095818 GEN Fund
- November Payroll Approval Document
- November Payroll Taxes Approval Document
- November DRS Approval Document
- October Commissioner Payroll Approval Document
- October Commissioner Payroll Taxes Approval Document
- Meeting minutes: 11/16/21 and 11/23/21

From:Richard WebsterTo:Board SecretarySubject:RE: E-Signatures Required - 12/7/21 MeetingDate:Wednesday, December 8, 2021 7:20:04 AM

The following documents are Approved and Electronically Signed this 8th day of December, 2021, by Commissioner Rick Webster.

- AP\_NOSHRFIR\_APSUPINV\_20211207095646 RES Fund
- AP\_NOSHRFIR\_APSUPINV\_20211207095818 GEN Fund
- November Payroll Approval Document
- November Payroll Taxes Approval Document
- November DRS Approval Document
- October Commissioner Payroll Approval Document
- October Commissioner Payroll Taxes Approval Document
- Meeting minutes: 11/16/21 and 11/23/21



# Northshore Fire Department Board of Commissioners

Headquarters Station 7220 NE 181st Street, Kenmore, WA

# Northshore Fire Department Board of Commissioners

# **Regular Meeting Agenda**

Tuesday, November 16, 2021

5:00PM

Meeting held virtually, via Zoom

To provide public comment, please see instructions at the end of the agenda.

To attend this meeting live, click the link below and enter the ID & Password provided. A recording of this meeting will also be posted in AV Capture.

Join Zoom Meeting Online at:

https://us02web.zoom.us/j/85044713997?pwd=dW1uWDFpNldPZ1dSSU1ZYy9LSXVQQT09

Call in to Zoom Meeting at: (253) 215-8782 Meeting ID: 850 4471 3997

Passcode: 743608

# I. Open Regular Northshore Board Meeting

- 1.1 Roll Call
- II. <u>Public Comment</u>
  - 2.1 Public Comment
- III. <u>Approval of Agenda</u>
  - 3.1 Approval of the Meeting Agenda

# IV. Board Discussion and Possible Action Items

- 4.1 Conversation with IAFF, Local 2459
- 4.2 RCL Capital Reserve Funding Study
- 4.3 Revisit Reserve Funding Resolution 20-10
- 4.4 Fire Marshall ILA Agreements
- 4.5 Contract for Services Update
- 4.6 NSFD Operations Discussion
- 4.7 Water Rescue Program Discussion



4.8 Fire Chief Performance Review Discussion

# V. <u>Executive Session</u>

To discuss the performance of an employee pursuant to RCW 42.30.110(1)(g) and to discuss collective bargaining, the planning or adopting the strategy or position to be taken during the course of collective bargaining, or reviewing a proposal made in negotiations pursuant to RCW 42.30.140(4).

# VI. Board Resolutions

None

# VII. Consent Agenda

- 7.1 Vouchers
- 7.2 Meeting Minutes: Regular Meeting 11/2/2021 and Special Meeting 11/9/2021
- 7.3 Commissioner Compensation

# VIII. <u>Reports</u>

- 8.1 Fire Chief Report
- 8.2 Commissioner Reports
- 8.3 Legal Counsel Report

# IX. Upcoming Board Agendas

9.1 Setting of Future Meeting Agenda(s)

# <u>Adjournment</u>

Next Regular Meeting: Tuesday, December 7th, 2021 at 5:00 PM

# **Public Comment Procedures for Virtual Meetings:**

Individuals wishing to comment may comment by appearing at the virtual meeting and "raising their hand" or the equivalent. The chair shall recognize those persons and provide them the opportunity to comment. Three minutes are allowed for comment.

If you wish to provide written public comment, you may do so by submitting a written statement to <u>boardsecretary@northshorefire.com</u>. Any comments received up to one hour before the posted meeting time, will be read during the public comment period.

To ensure your written comments are received and read at the proper meeting, your email <u>must</u> include:

- Date & Time of the meeting your comments are intended for
- Your name
- Whether or not you live in the city limits of Lake Forest Park or Kenmore



• Agenda Item and/or subject your comments refer to

Emails without this information may not be read at the meeting. And, in accordance with normal procedure, messages of an overly repetitive or inappropriate (vulgarity) nature may be declined to be read at the discretion of the meeting Chair.

Please check the District's <u>AV Capture</u> for the most up-to-date information about individual meetings.

Questions? Email Board Secretary Amy Oakley at <u>boardsecretary@northshorefire.com</u>.





# NORTHSHORE FIRE DEPARTMENT

Lake Forest Park and Kenmore, Washington

Standard Level 3 Capital Reserve Study

#### 2022 FUNDING RECOMMENDATIONS

Issued November, 2021

Prepared by: **Denise Dana**, Reserve Specialist



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#### ABBREVIATION KEY

- EA each
- **BLDG** building(s)
- **FIXT** fixture(s)
- LF liner foot
- LS lump sum
- SF square feet
- **SQ** roofing square
- SY square yard
- ZN zone



# **EXECUTIVE SUMMARY**

This Capital Reserve Study was prepared by an independent Reserve Study Professional. Not all the information required for inclusion in reserve studies per RCW 64.90, RCW 64.38 or RCW 64.34 is applicable to the Northshore Fire Department. The calculations and definitions that are the basis for the report are represented in the Glossary of Terms, which refer to the appropriate RCW codes.

Northshore Fire Department has one station serving Kenmore and one station serving Lake Forest Park, Washington. Construction of Station 51 was completed in about 1995 & 2011 with construction of Station 57 finishing in about 1995. The headquarters are housed at Station 51, along with a training facility.

NORTHSHORE FIRE DEPARTMENT RESERVE FUND STATUS					
NORTHSHORE FIRE DEPARTMENT'S FISCAL YEAR	a calendar year				
RESERVE ACCOUNT BALANCE ON JANUARY 1, 2021	\$354,070 <sup>1</sup>				
FULLY FUNDED BALANCE YEAR 2021	\$1,093,546 <sup>2</sup>				
PERCENT FUNDED AT TIME OF STUDY	32% <sup>3</sup>				
FUNDING STATUS – RISK OF SPECIAL ASSESSMENT	Moderate Risk				
2021 PLANNED OR IMPLEMENTED SPECIAL ASSESSMENT	None				
COMPONENT INCLUSION THRESHOLD VALUE	\$				

NORTHSHORE FIRE DEPARTMENT CURRENT AND RECOMMENDED RESERVE	CONTRIBUTIONS
CURRENT BUDGETED ANNUAL CONTRIBUTION TO RESERVES	\$185,300
2022 RECOMMENDED ANNUAL CONTRIBUTION RATE	\$182,300
2022 RECOMMENDED CONTRIBUTION PER MONTH	\$15,192
2022 AVERAGE CONTRIBUTION PER UNIT PER YEAR	\$182,300
2022 AVERAGE CONTRIBUTION PER UNIT PER MONTH	\$15,192
2022 BASELINE FUNDING PLAN CONTRIBUTION RATE	\$152,600
2022 FULL FUNDING PLAN CONTRIBUTION RATE	\$188,000

The actual or projected total reserve fund balance presented in the Reserve Study is based on information provided by the Organization representative and was not audited by RCL.

<sup>2</sup> The fully funded balance for each reserve component is calculated by multiplying the current replacement cost of that reserve component by its effective age, then dividing the result by that reserve component's useful life. The sum total of all reserve components' fully funded balances is the Organization's fully funded balance as defined in RCW 64.34.020 §24 & RCW §64.90.010 §26. The fully funded balance changes from year to year.

<sup>3</sup> The percent fully funded acts as a measuring tool to assess an Organization's ability to absorb unplanned expenses. These expenses could be emergency repairs not covered by insurance, or expenses that differ from the existing Reserve Study in terms of timing or cost.



# **FINANCIAL OVERVIEW FOR 2022**



### ESTIMATED STARTING RESERVE FUND BALANCE FOR 2022

BALANCE CAL	BALANCE CALCULATIONS				
The fiscal year	The fiscal year for Northshore Fire Department is a calendar year.				
\$354,070	Reserve Fund Balance as of January 1, 2021				
(\$0)	Anticipated Remaining Reserve Expenses In 2021				
\$0	Planned Special Assessment In 2021				
\$169,858	Remaining Reserve Contributions For 2021				
\$2,019	Projected Interest on the 2021 Reserve Fund Balance				
\$525,948	ESTIMATED STARTING BALANCE FOR FISCAL YEAR 2022				

THERE ARE NO ANTICIPATED REMAINING MAINTENANCE EXPENSES FOR 2021.



# **ORGANIZATION OVERVIEW**

Northshore Fire Department has one station serving Kenmore and one serving Lake Forest Park in the State of Washington.

The Department headquarters are housed at Station 51, along with a training facility, in Kenmore. Construction of Station 51 was completed in 2011.

Station 57 occupies a site in Lake Forest Park and was constructed in 1995.

Images are from file photos taken at the last site visit.









# **COMPONENT SUMMARY**

Each reserve component is evaluated to determine the current condition, the remaining useful life, and the estimated replacement cost. Reserve studies for homeowners' associations are required to include any reserve component that would cost more than one percent of the annual budget of the association, not including the reserve account, for major maintenance, repair, or replacement (RCW 64.38.070). While the law defines the inclusion threshold to be 1% of the operating budget, or \$0, components valued less than the legal threshold may be included to better capture reserve funding for Northshore Fire Department.

# ANTICIPATED EXPENSES<sup>1</sup> ALLOCATED OVER 30 YEARS FOR NORTHSHORE FIRE DEPARTMENT

The components listed below provide examples for each category and may or may not pertain specifically to components that Northshore Fire Department is responsible for maintaining.



#### **PRIMARY EXPENSES**

**19.4% LIFE SAFETY:** plumbing, drainage, HVAC, electrical, lighting, & fire suppression

**32.6% EXTERIOR ENVELOPE:** structural components, guardrails, decks, siding, chimney chases, roofing, gutters & downspouts, doors, windows, skylights, caulking, & exterior finishes

**3.4% ELEVATOR:** dedicated equipment, interior cab refurbishment & major maintenance for the elevator

**SECONDARY EXPENSES - Discretionary** 

**44.6% SECONDARY** including paving, docks, fencing, walkways, signage, mailboxes, kitchen & laundry equipment, interior flooring & paint, furniture, intercom, security systems, reserve studies<sup>2</sup>

The total anticipated Primary and Secondary

expenses over the next 30 years are illustrated to help the community understand the ratio of obligatory and elective maintenance. The ratio for the first five years is provided later in the report to assist with budgeting refinements.

**Primary Expenses** are maintenance expenses that should not be deferred due to the potential consequences of postponing upkeep of these components.

**Secondary Expenses** are maintenance expenses that could potentially be deferred since the timing of maintenance is typically discretionary.

<sup>1</sup> Not all components that are the individual unit owners' responsibility are described in the report. Items maintained with funds from the annual operating and/or individual unit owners are not included in the reserve fund analysis.

<sup>2</sup> While reserve study annual updates are required by law, there is no penalty for not completing an annual update and the lack of an annual update does not necessarily pose a risk to public safety.



# **COMPONENT LIST**

The component list is based on information provided by Northshore Fire Department. Reserve Consultants LLC does not provide legal interpretations of governing documents It is the responsibility of Northshore Fire Department to ensure that the component list is complete and complies with their governing documents. Many factors may influence the actual costs that the Organization will experience. The quality of replacement materials of items can significantly impact cost, as well as the timing between replacements. The use of Architects or independent construction managers to specify and oversee work may also cause additional expenses.

		Primary	Expenses
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Secondary (Discretionary) Expenses

COMPONENT DESCRIPTION		MAINT. CYCLE	REMAINING USEFUL LIFE	NEXT MAINT. YEAR	CURRENT REPLACEMENT COST
2.4.1 Concrete - Paving Repairs	Site	10	3	2024	\$18,550
2.4.2 Concrete - Repaint Stalls & Curbs	Site	10	1	2022	\$1,700
2.7.1 Prefinished Metal Fence - Replace	Site	30	19	2040	\$74,420
2.7.2 Prefinished Metal Fence & Gates - Maintenance	Site	10	3	2024	\$7,440
2.7.3 Gate Operator - Maintenance	Site	3	1	2022	\$1,680
2.8.1 Wood Benches - Maintenance	Site	10	3	2024	\$2,240
2.9.1 Landscaping - Maintenance	Site	8	6	2027	\$15,290
3.3.1 Concrete Walkways - Repair	Concrete	6	1	2022	\$5,560
3.3.2 Cast Concrete Retaining Walls - Repair	Concrete	15	4	2025	\$16,180
6.1.1 Garbage Bin Enclosure - Repair	Ext Envelope	15	4	2025	\$2,550
6.2.1 Pedestal Paver - Maintenance	Ext Envelope	30	19	2040	\$1,870
6.2.2 PVC Thermoplastic Membrane - Replace	Ext Envelope	30	19	2040	\$4,040
6.4.1 Brick Siding - Maintenance	Ext Envelope	20	9	2030	\$9,830
6.4.2 CMU Wall - Tuck Point	Ext Envelope	20	9	2030	\$54,800
6.4.3 Fiber Cement Board Siding - Repair	Ext Envelope	10	1	2022	\$6,260
6.4.4 Metal Siding - Replace	Ext Envelope	35	24	2045	\$41,970
7.1.1 Sealant Joints - Replace	Ext Envelope	15	4	2025	\$22,870
7.3.1 Scuppers, Gutters & Downspouts - Replace	Ext Envelope	30	19	2040	\$3,640
7.4.1 Low Sloped Ribbed Roof - Replace	Ext Envelope	30	19	2040	\$193,100
7.4.2 Low Sloped Smooth Roof - Replace	Ext Envelope	30	19	2040	\$127,240
7.4.3 Tower Composition Shingles - Replace	Ext Envelope	30	19	2040	\$1,230
7.4.4 Tower Metal Roof - Replace	Ext Envelope	50	39	2060	\$5,250
7.4.5 Apparatus Bay Metal Roof - Replace	Ext Envelope	40	29	2050	\$16,620
7.4.6 Roof Inspection & Minor Repair	Ext Envelope	5	3	2024	\$6,250
8.2.1 Folding Bay Doors & Hardware - Maintenance	Ext Envelope	5	2	2023	\$5,610
8.2.2 Overhead Bay Doors & Hardware - Replace	Ext Envelope	30	19	2040	\$24,670
8.2.3 Overhead Bay Door Operator - Contingency	Ext Envelope	5	2	2023	\$13,010
8.2.4 Coiling Door - Maintenance	Ext Envelope	30	19	2040	\$10,090
8.2.5 Doors & Hardware - Maintenance	Ext Envelope	5	1	2022	\$3,650
8.3.1 Storefront System - Maintenance	Ext Envelope	15	4	2025	\$7,820



# NORTHSHORE FIRE DEPARTMENT RESERVE FUNDING RECOMMENDATIONS FOR 2022

COMPONENT DESCRIPTION		MAINT. CYCLE	REMAINING USEFUL LIFE	NEXT MAINT. YEAR	CURRENT REPLACEMENT COST
8.3.2 Storefront System - Replace	Ext Envelope	60	50	2071	\$39,090
8.5.1 Aluminum Windows - Replace	Ext Envelope	40	29	2050	\$176,280
9.8.1 Cedar Wood Siding - Maintenance	Ext Envelope	6	1	2022	\$22,300
9.8.2 Concrete Siding - Maintenance	Ext Envelope	12	1	2022	\$5,160
9.8.3 Exterior Steel - Maintenance	Ext Envelope	6	4	2025	\$8,160
9.8.4 Fiber Cement Board Siding - Caulk & Paint	Ext Envelope	8	1	2022	\$21,630
10.4.1 Exterior Signage - Refurbish	Specialties	10	2	2023	\$2,550
10.5.1 Exterior Mail Pedestal Unit - Replace	Specialties	25	14	2035	\$2,240
11.1.1 Propane Forklift - Replace	Equipment	20	8	2029	\$22,430
11.4.1 Admin Kitchen Equipment - Contingency	Equipment	10	6	2027	\$5,100
11.4.2 Duty Crew Kitchen Equipment - Contingency	Equipment	5	3	2024	\$15,290
11.6.1 Laundry Equipment - Contingency	Equipment	5	3	2024	\$3,810
11.6.2 Unimac Gear Extractor - Replace	Equipment	12	1	2022	\$8,970
11.6.3 Ramair Gear Dryer - Replace	Equipment	12	1	2022	\$11,210
11.8.1 Air Compressor System - Replace	Equipment	15	4	2025	\$8,970
12.1.1 Apparatus Bay - Refurbish	Finishes/Furnishings	25	14	2035	\$70,190
12.1.2 Admin Common Areas - Repaint	Finishes/Furnishings	16	5	2026	\$17,610
12.1.3 Exercise Room - Refurbish	Finishes/Furnishings	20	9	2030	\$3,060
12.1.4 Bunk Gear Storage - Refurbish	Finishes/Furnishings	10	3	2024	\$8,160
12.1.5 Admin Offices - Refurbish	Finishes/Furnishings	16	5	2026	\$25,480
12.1.6 Lobby - Refurbish	Finishes/Furnishings	15	6	2027	\$20,390
12.1.7 Public Meeting Room - Refurbish	Finishes/Furnishings	12	1	2022	\$15,290
12.1.8 Public & Admin Restrooms - Refurbish	Finishes/Furnishings	20	9	2030	\$19,620
12.2.1 Duty Crew Common Areas - Full Repaint	Finishes/Furnishings	16	7	2028	\$14,000
12.2.2 Duty Crew Common Areas - Touchup Paint	Finishes/Furnishings	16	15	2036	\$14,000
12.2.3 Duty Crew Sleep Room Interiors - Refurbish	Finishes/Furnishings	10	3	2024	\$25,230
12.2.4 Duty Crew Kitchen Interiors - Refurbish	Finishes/Furnishings	10	9	2030	\$10,190
12.2.5 Duty Crew Laundry Interiors - Refurbish	Finishes/Furnishings	10	2	2023	\$2,040
12.2.6 Duty Crew Office/Training Areas - Refurbish	Finishes/Furnishings	15	4	2025	\$6,120
12.2.7 Duty Crew Restrooms - Refurbish	Finishes/Furnishings	10	2	2023	\$16,820



### NORTHSHORE FIRE DEPARTMENT RESERVE FUNDING RECOMMENDATIONS FOR 2022

COMPONENT DESCRIPTION		MAINT. CYCLE	REMAINING USEFUL LIFE	NEXT MAINT. YEAR	CURRENT REPLACEMENT COST
12.4.1 1st Floor Interior Carpet Flooring - Replace	Finishes/Furnishings	24	13	2034	\$34,740
12.4.2 2nd Floor Interior Carpet Flooring - Replace	Finishes/Furnishings	16	5	2026	\$25,020
12.4.3 1st Floor Resilient Flooring - Replace	Finishes/Furnishings	20	9	2030	\$2,350
12.4.4 2nd Floor Resilient Flooring - Replace	Finishes/Furnishings	15	4	2025	\$2,760
12.4.5 1st Floor Sheet Flooring - Replace	Finishes/Furnishings	20	9	2030	\$32,810
12.4.6 2nd Floor Sheet Flooring - Replace	Finishes/Furnishings	15	4	2025	\$42,230
12.4.7 1st Floor Stained Concrete - Refurbish	Finishes/Furnishings	12	1	2022	\$15,440
12.6.1 Elevator Cab Interior - Remodel	Finishes/Furnishings	40	29	2050	\$6,120
14.1.1 Elevator - Major Upgrades	Elevator	40	29	2050	\$127,420
14.1.2 Elevators - 5 Year Load Test	Elevator	5	5	2026	\$5,610
15.2.1 Plumbing System - Contingency	Life Safety	5	3	2024	\$5,100
15.2.2 Plumbing Supply Lines - Replace	Life Safety	60	49	2070	\$61,160
15.3.1 Irrigation System - Contingency	Life Safety	10	8	2029	\$10,500
15.3.2 Storm Water System - Contingency	Life Safety	3	1	2022	\$5,100
15.4.1 Fire Detection System - Maintenance	Life Safety	5	3	2024	\$2,550
15.4.2 Fire Sprinkler System - Maintenance	Life Safety	15	4	2025	\$8,160
15.5.1 Water Heater - Contingency	Life Safety	20	9	2030	\$16,600
15.6.1 Heat Recovery Unit - Replace	Life Safety	25	14	2035	\$13,460
15.6.2 Indirect Makeup AHU - Replace	Life Safety	20	9	2030	\$10,090
15.6.3 Furnace - Replace	Life Safety	20	9	2030	\$2,240
15.6.4 VRF Heat Pump - Contingency	Life Safety	6	4	2025	\$19,700
15.6.5 HVAC System - Contingency	Life Safety	5	3	2024	\$5,100
15.6.6 Infrared Heaters - Replace	Life Safety	20	9	2030	\$15,470
15.7.1 Exhaust Fans - Contingency	Life Safety	5	3	2024	\$7,770
16.3.1 Electrical System - Contingency	Life Safety	10	8	2029	\$5,100
16.5.1 Emergency Generator - Replace	Life Safety	30	19	2040	\$20,180
16.5.2 Generator Fuel Tank - Replace	Life Safety	30	19	2040	\$8,970
16.6.1 Exterior Light Fixtures - Replace	Life Safety	10	9	2030	\$10,190
16.8.1 Fire Control Panel - Replace	Life Safety	20	9	2030	\$3,810
16.9.1 Audio/Visual Equipment - Upgrades	Life Safety	15	4	2025	\$78,490



### NORTHSHORE FIRE DEPARTMENT RESERVE FUNDING RECOMMENDATIONS FOR 2022

COMPONENT DESCRIPTION		MAINT. CYCLE	REMAINING USEFUL LIFE	NEXT MAINT. YEAR	CURRENT REPLACEMENT COST
17.1.1 Fireblast 451 - Maintenance	Life Safety	10	9	2030	\$10,190
18.1.1 Security / Surveillance System - Replace	Security	10	1	2022	\$16,310
2.6.1 Asphalt Paving - Repair	Site	6	1	2022	\$4,120
2.6.2 Asphalt Pavement- Seal Coat & Restripe	Site	6	1	2022	\$5,150
2.7.4 Privacy Wood Fence - Replace	Site	15	8	2029	\$6,190
2.7.5 Chain-link Fence - Repair	Site	40	18	2039	\$4,360
2.9.2 Landscaping - Maintenance	Site	8	6	2027	\$5,100
2.9.3 Wetland - Maintenance	Site	15	13	2034	\$10,190
3.3.3 Exterior Concrete Paving - Repair	Concrete	6	2	2023	\$3,260
6.1.2 Garbage Bin Enclosure - Contingency	Ext Envelope	20	18	2039	\$1,530
6.4.5 Brick Siding - Maintenance	Ext Envelope	20	8	2029	\$13,080
7.3.2 Gutters & Downspouts - Replace	Ext Envelope	20	11	2032	\$3,220
7.4.7 Metal Roof - Replace	Ext Envelope	40	11	2032	\$61,220
7.4.8 Roof Inspection & Minor Repair	Ext Envelope	5	5	2026	\$3,060
8.2.8 Common Doors & Hardware - Maintenance	Ext Envelope	10	10	2031	\$3,380
8.2.6 Overhead Bay Door - Replace	Ext Envelope	20	8	2029	\$5,810
8.2.7 Bay Door Operator - Contingency	Ext Envelope	20	18	2039	\$56,070
8.3.3 Storefront System - Maintenance	Ext Envelope	10	8	2029	\$19,620
8.5.2 Aluminum Framed Windows - Replace	Ext Envelope	45	16	2037	\$30,580
9.8.5 Front Entry Steel Framed Structure - Paint	Ext Envelope	10	2	2023	\$2,290
10.4.2 Exterior Signage - Refurbish	Specialties	15	1	2022	\$2,550
11.4.3 Kitchen Equipment - Contingency	Equipment	5	6	2027	\$14,020
11.6.4 Laundry Equipment - Contingency	Equipment	5	3	2024	\$3,360
11.6.5 Station Extractor - Bunker Gear Washer	Equipment	12	5	2026	\$8,970
11.8.2 Air Compressor - Replace	Equipment	12	11	2032	\$40,840
12.3.1 Interior Concrete Floor - Refurbish	Finishes/Furnishings	25	24	2045	\$8,050
12.3.2 Apparatus Bay - Refurbish	Finishes/Furnishings	10	10	2031	\$13,770
12.3.3 Hallway & Stairwell Walls & Ceiling - Paint	Finishes/Furnishings	25	10	2031	\$7,140
12.3.4 Front Reception Desk & Office - Remodel	Finishes/Furnishings	10	11	2032	\$25,480
12.3.5 Kitchen - Remodel	Finishes/Furnishings	10	10	2031	\$10,190



# NORTHSHORE FIRE DEPARTMENT

RESERVE FUNDING RECOMMENDATIONS FOR 2022

COMPONENT DESCRIPTION		MAINT. CYCLE	REMAINING USEFUL LIFE	NEXT MAINT. YEAR	CURRENT REPLACEMENT COST
12.3.6 Day / Dining Room - Remodel	Finishes/Furnishings	15	10	2031	\$15,290
12.3.7 Duty Crew Sleep Rooms - Refurbish	Finishes/Furnishings	20	8	2029	\$5,100
12.3.8 Exercise Room - Refurbish	Finishes/Furnishings	15	14	2035	\$30,580
12.3.9 Locker & Restroom - Refurbish	Finishes/Furnishings	15	5	2026	\$2,040
12.3.10 Laundry & Utility Room - Refurbish	Finishes/Furnishings	10	8	2029	\$10,190
15.2.3 Plumbing System - Contingency	Life Safety	10	4	2025	\$5,100
15.3.3 Irrigation System - Contingency	Life Safety	5	2	2023	\$2,550
15.4.3 Fire Detection System - Maintenance	Life Safety	15	5	2026	\$5,100
15.4.4 Wet & Dry Fire Sprinkler System - Contingency	Life Safety	10	8	2029	\$5,610
15.5.2 Water Heater - Replace	Life Safety	15	2	2023	\$8,070
15.6.7 HVAC Units - Replace	Life Safety	15	6	2027	\$11,210
15.6.8 Furnace - Replace	Life Safety	10	4	2025	\$14,020
15.6.9 Infrared Overhead Heaters - Replace	Life Safety	10	8	2029	\$5,100
15.7.2 Exhaust Fans - Contingency	Life Safety	5	3	2024	\$4,440
16.3.2 Electrical System - Contingency	Life Safety	20	8	2029	\$6,730
16.5.3 Emergency Generator - Contingency	Life Safety	20	18	2039	\$8,970
16.6.2 Exterior Light Fixtures - Replace	Life Safety	15	1	2022	\$2,800
16.8.2 Fire Control Panel - Replace	Life Safety	20	8	2029	\$3,920
18.1.2 Security / Surveillance System - Upgrade	Security	10	1	2022	\$15,290



# COMPONENTS EXCLUDED FROM THIS STUDY

#### **OPERATING BUDGET**

The following components may qualify for inclusion in the Reserve Study, but are excluded because the Organization elects to maintain them with funds from the operating budget:

- acoustic ceiling tiles
- asphalt walkway repairs
- BBQ grill
- diesel tank @ Station 57
- glazing replacement

- gym equipment
- interior light fixtures
- IT equipment
- tower wood trim & metal shutters
- rubber stair treads @ Station 57

### ADJUSTMENTS TO COMPONENT RESERVE RECOMMENDATIONS

This reserve study provides updated information on the components from prior reserve studies. All cost estimates were adjusted to reflect the actual inflation rate for construction work in Washington State, and costs actually experienced by Northshore Fire Department or others in the area. To complete the report, we were provided with a record of recent expenditures on reserve components. We use those figures, where applicable, for updating component cost projections, applying an appropriate inflation factor. Where updated figures from actual work performed are not available, cost projections from the previous reserve study are updated for inflation and rounded to the nearest \$10, using the RS Means 2019 to 2021 inflation figure of 1.94% for construction work.



# FIVE YEARS AT A GLANCE (2022 - 2026)

The following reserve funded expenses are expected to occur in the next five years at Northshore Fire Department.

22 (YEAR 1) ANTICIPATED MAIN	TENANCE		ESTIMATED COST
Stn.51 2.4.2 Concrete - Repain	t Stalls & Curbs		\$1,768
Stn.51 2.7.3 Gate Operator - M	aintenance		\$1,747
Stn.51 3.3.1 Concrete Walkway	s - Repair		\$5,782
Stn.51 6.4.3 Fiber Cement Boa	rd Siding - Repair		\$6,510
Stn.51 8.2.5 Doors & Hardware	- Maintenance		\$3,796
Stn.51 9.8.1 Cedar Wood Siding	g - Maintenance		\$23,192
Stn.51 9.8.2 Concrete Siding -	Maintenance		\$5,366
Stn.51 9.8.4 Fiber Cement Boa	rd Siding - Caulk & Pa	int	\$22,495
Stn.51 11.6.2 Unimac Gear Extra	actor - Replace		\$9,329
Stn.51 11.6.3 Ramair Gear Drye	r - Replace		\$11,658
Stn.51 12.1.7 Public Meeting Ro	om - Refurbish		\$15,902
Stn.51 12.2.4 Duty Crew Kitche	n Interiors - Refurbish		\$1,560
Stn.51 12.4.7 1st Floor Stained	Concrete - Refurbish		\$16,058
Stn.51 15.3.2 Storm Water Syst	em - Contingency		\$5,304
Stn.51 18.1.1 Security / Surveilla	nce System - Replace		\$16,962
Stn.57 2.6.1 Asphalt Paving - R	epair		\$4,285
Stn.57 2.6.2 Asphalt Pavement	- Seal Coat & Restripe	è	\$5,356
Stn.57 16.6.2 Exterior Light Fix	tures - Replace		\$2,912
Stn.57 18.1.2 Security / Surveill	ance System - Upgrad	de	\$15,902
Total Estimated Expenses for	2022 (YEAR 1)		\$175,884
Primary Expenses	\$69,575	40%	
Secondary Expenses	\$106,309	60%	
23 (YEAR 2) ANTICIPATED MAIN	ITENANCE		ESTIMATED COST

2023	(YEAR 2) ANTICIPATED MAINTEN	ANCE	E	STIMATED COST
	Stn.51 8.2.1 Folding Bay Doors & Ha	rdware - Maintenance	e	\$6,009
	Stn.51 8.2.3 Overhead Bay Door Op		\$13,936	
	Stn.51 10.4.1 Exterior Signage - Refu	\$2,732		
	Stn.51 12.2.5 Duty Crew Laundry Int	eriors - Refurbish		\$2,185
	Stn.51 12.2.7 Duty Crew Restrooms		\$18,018	
	Stn.57 3.3.3 Exterior Concrete Pavi	ng - Repair		\$3,492
	Stn.57 9.8.5 Front Entry Steel Fram	ed Structure - Paint		\$2,453
	Stn.57 15.3.3 Irrigation System - Co	ntingency		\$2,732
	Stn.57 15.5.2 Water Heater - Replac	e		\$8,645
	Total Estimated Expenses for 202	3 (YEAR 2)		\$60,202
	Primary Expenses	\$33,775	56%	
	Secondary Expenses	\$26,427	44%	



024 (YEAR 3) ANTICIPATED MAI	NTENANCE		ESTIMATED COST
Stn.51 2.4.1 Concrete - Paving	Repairs		\$20,467
Stn.51 2.7.2 Prefinished Metal	Fence & Gates - Mainte	nance	\$8,209
Stn.51 2.8.1 Wood Benches - N	laintenance		\$2,471
Stn.51 7.4.6 Roof Inspection &	Minor Repair		\$6,896
Stn.51 11.4.2 Duty Crew Kitche	n Equipment - Conting	ency	\$16,870
Stn.51 11.6.1 Laundry Equipme	nt - Contingency		\$4,204
Stn.51 12.1.4 Bunk Gear Storag	ie - Refurbish		\$9,003
Stn.51 12.2.3 Duty Crew Sleep	Room Interiors - Refur	bish	\$27,837
Stn.51 15.2.1 Plumbing System	- Contingency		\$5,627
Stn.51 15.4.1 Fire Detection Sy	stem - Maintenance		\$2,814
Stn.51 15.6.5 HVAC System - 0	Contingency		\$5,627
Stn.51 15.7.1 Exhaust Fans - Co	ontingency		\$8,573
Stn.57 11.6.4 Laundry Equipme	ent - Contingency		\$3,707
Stn.57 15.7.2 Exhaust Fans - C	Contingency		\$4,899
Total Estimated Expenses for	r 2024 (YEAR 3)		\$127,204
Primary Expenses	\$34,436	27%	
Secondary Expenses	\$92,768	73%	



025 (YEAR 4) ANTICIPATED M	AINTENANCE	ESTIMATED COST		
Stn.51 2.7.3 Gate Operator -	Maintenance	\$1,909		
Stn.51 3.3.2 Cast Concrete F	Retaining Walls - Repair	\$18,388		
Stn.51 6.1.1 Garbage Bin Enc	losure - Repair	\$2,898		
Stn.51 7.1.1 Sealant Joints - F	Replace	\$25,990		
Stn.51 8.3.1 Storefront Syste	m - Maintenance	\$8,887		
Stn.51 9.8.3 Exterior Steel -	Maintenance	\$9,273		
Stn.51 11.8.1 Air Compressor	System - Replace	\$10,194		
Stn.51 12.2.6 Duty Crew Offi	ce/Training Areas - Refurbish	\$6,955		
Stn.51 12.4.4 2nd Floor Resil	ient Flooring - Replace	\$3,137		
Stn.51 12.4.6 2nd Floor Shee	t Flooring - Replace	\$47,992		
Stn.51 15.3.2 Storm Water S	ystem - Contingency	\$5,796		
Stn.51 15.4.2 Fire Sprinkler S	\$9,273			
Stn.51 15.6.4 VRF Heat Pum	\$22,388			
Stn.51 16.9.1 Audio/Visual Ed	\$89,199			
Stn.57 15.2.3 Plumbing Syste	Stn.57 15.2.3 Plumbing System - Contingency			
Stn.57 15.6.8 Furnace - Repl	ace	\$15,933		
Total Estimated Expenses	for 2025 (YEAR 4)	\$284,008		
Primary Expenses	\$195,433 69	9%		
Secondary Expenses	\$88,575 31	%		
26 (YEAR 5) ANTICIPATED M	AINTENANCE	ESTIMATED COST		
Stn.51 12.1.2 Admin Commo	n Areas - Repaint	\$20,613		
Stn.51 12.1.5 Admin Offices -	Refurbish	\$29,825		
Stn.51 12.4.2 2nd Floor Inter	ior Carpet Flooring - Replace	\$29,287		
Stn.51 14.1.2 Elevators - 5 Ye	ear Load Test	\$6,567		
Stn.57 7.4.8 Roof Inspection	n & Minor Repair	\$3,582		
Stn.57 11.6.5 Station Extract	or - Bunker Gear Washer	\$10,500		
Stn.57 12.3.9 Locker & Restr	oom - Refurbish	\$2,388		
Stn.57 15.4.3 Fire Detection	System - Maintenance	\$5,970		
Total Estimated Expenses	for 2026 (YEAR 5)	\$108,732		
Primary Expenses	\$16,119 15 <sup>°</sup>	%		
Secondary Expenses	¢00.017 00			



# **PROJECTED RESERVE ACCOUNT BALANCES**

FOR EACH FUNDING PLAN OVER NEXT 5 YEARS

\$182,300 RECOMMENDED (THRESHOLD) FUNDING PLAN									
YEAR	ANNUAL RESERVE CONTRIBUTION	SPECIAL ASSESSMENT	YEAR END RESERVE BALANCE	P ER C EN T F UN D E D	SPECIAL ASSESSMENT RISK LEVEL				
1 (2022)	\$182,300	\$O	\$535,010	48%	Moderate Risk				
2 (2023)	\$187,769	\$O	\$674,552	54%	Moderate Risk				
3 (2024)	\$193,402	\$O	\$754,903	57%	Moderate Risk				
4 (2025)	\$199,204	\$O	\$684,350	54%	Moderate Risk				
5 (2026)	\$205,180	\$O	\$795,449	58%	Moderate Risk				

#### \$185,300 CURRENT FUNDING PLAN ANNUAL YEAR END SPECIAL

YEAR	ANNUAL RESERVE CONTRIBUTION	SPECIAL ASSESSMENT	YEAR END RESERVE BALANCE	PERCENT FUNDED	SPECIAL ASSESSMENT RISK LEVEL
1 (2022)	\$185,300	\$O	\$538,016	48%	Moderate Risk
2 (2023)	\$190,859	\$O	\$680,741	54%	Moderate Risk
3 (2024)	\$196,585	\$O	\$764,430	57%	Moderate Risk
4 (2025)	\$202,482	\$O	\$697,379	55%	Moderate Risk
5 (2026)	\$208,557	\$0	\$812,152	59%	Moderate Risk

#### \$152,600 BASELINE FUNDING PLAN ANNUAL YEAR END SPECIAL PERCENT SPECIAL ASSESSMENT RESERVE CONTRIBUTION RESERVE BALANCE YEAR FUNDED RISK LEVEL ASSESSMENT 1 (2022) \$152.600 \$0 \$505.234 45% Moderate Risk 2 (2023) \$157,178 \$0 \$613,285 49% Moderate Risk 3 (2024) \$161,893 \$0 \$660,588 50% Moderate Risk 4 (2025) \$166,750 \$0 \$555,370 44% Moderate Risk 5 (2026) \$171,753 \$0 46% Moderate Risk \$630,130

Cor	RESERVE	PECIAL SESSMENT	YEAR END RESERVE BALANCE	PERCENT FUNDED	SPECIAL ASSESSMENT RISK LEVEL
1 (2022) \$	188,000	\$0	\$540,723	48%	Moderate Risk
2 (2023) \$	5193,640	\$O	\$686,310	55%	Moderate Risk
3 (2024) \$	5199,449	\$O	\$773,005	58%	Moderate Risk
4 (2025) \$	205,433	\$O	\$709,105	56%	Moderate Risk
5 (2026)	\$211,596	\$0	\$827,181	60%	Moderate Risk



# PERCENT FUNDED

The "percent funded" is a measure of how much the Organization should have saved in their reserve account compared to the projected cost for all the components the Organization is responsible for, and relates to the level of deterioration compared to the cost to repair or replace the component.

We typically recommend a contribution rate to meet a minimum reserve account balance (threshold) goal instead of a 100% funded rate.

We usually recommend that an Organization consider a threshold equal to the recommended annual reserve contribution because this is the average maintenance expense over the thirty years. However, each Organization must judge their unique risk tolerance.

The Fully Funded Balance for Northshore Fire Department is \$1,093,546. The actual current funding is \$354,070. The Organization is approximately 32% funded.

This means that based on a straight-line savings for each reserve component, the Organization saved 32% of the accumulated depreciation of the reserve components.



At 32%, Northshore Fire Department is considered to be at moderate risk for a special assessment.

unexpected expense arises.

# EXAMPLE OF PERCENT FUNDED FOR ROOF REPLACEMENT

SCENARIO	ANALYSIS
<ul> <li>For a roof that lasts 10 years and costs \$100,000 to replace:</li> <li>Save \$10,000 each year, for 10 years</li> <li>Year 2, the roof has deteriorated 20%.</li> <li>If you have \$20,000 saved it is fully funded.</li> <li>If you have \$10,000 saved it is 50% funded.</li> <li>Year 8, the roof has deteriorated 80%.</li> </ul>	<ul> <li>A. In effect, the percent funded is a measure of how well an Organization can withstand the risk of unexpected expenses. Such unexpected expenses include: emergency expenses not covered by insurance, expenses that are higher than predicted, and expenses that are required earlier than anticipated.</li> <li>B. A higher percent funded means more money is in the bank which lowers the risk of special assessment if something unexpected occurs. A poorly funded Organization has less cash on hand, therefore much higher risk of special assessment for unplanned expenses.</li> </ul>
<ul> <li>If you have \$80,000 saved it is fully funded.</li> <li>If you have \$20,000 saved it is 25% funded. If you have \$10,000 saved it is 13% funded.</li> </ul>	C. By analyzing deterioration cycles and cash flow needs, we determine how much money should be steadily contributed, over a 30 year period, to fund the repair and replacement needs of the components included in the study. Budgeting to maintain a minimum balance, or threshold, helps to ensure that a special assessment will not be required if an



# FULLY FUNDED BALANCE CALCUATIONS



FULLY FUNDED BALANCE = THE SUM OF USEFUL LIFE FOR ALL RESERVE COMPONENTS

		COMPONENT DESCRIPTION	QTY	UNIT	MAINT. CYCLE (USEFUL LIFE)	REMAINING USEFUL LIFE	EFFECTIVE AGE	CURRENT REPLACEMENT COST	FULLY FUNDED BALANCE
3%	2.4.1	Concrete - Paving Repairs	65610	SF	10	3	7	\$18,550	\$12,985
100%	2.4.2	Concrete - Repaint Stalls & Curbs	76	EA	10	1	9	\$1,700	\$1,530
100%	2.7.1	Prefinished Metal Fence - Replace	885	LF	30	19	11	\$74,420	\$27,287
10%	2.7.2	Prefinished Metal Fence & Gates - Maintenance	885	LF	10	3	7	\$7,440	\$5,208
100%	2.7.3	Gate Operator - Maintenance	1	EA	3	1	2	\$1,680	\$1,120
100%	2.8.1	Wood Benches - Maintenance	4	EA	10	3	7	\$2,240	\$1,568
100%	2.9.1	Landscaping - Maintenance	1	LS	8	6	2	\$15,290	\$3,823
10%	3.3.1	Concrete Walkways - Repair	5700	SF	6	1	5	\$5,560	\$4,633
5%	3.3.2	Cast Concrete Retaining Walls - Repair	740	LF	15	4	11	\$16,180	\$11,865
100%	6.1.1	Garbage Bin Enclosure - Repair	1	EA	15	4	11	\$2,550	\$1,870
25%	6.2.1	Pedestal Paver - Maintenance	180	SF	30	19	11	\$1,870	\$686
100%	6.2.2	PVC Thermoplastic Membrane - Replace	180	SF	30	19	11	\$4,040	\$1,481
5%	6.4.1	Brick Siding - Maintenance	7010	SF	20	9	11	\$9,830	\$5,407
100%	6.4.2	CMU Wall - Tuck Point	6515	SF	20	9	11	\$54,800	\$30,140
3%	6.4.3	Fiber Cement Board Siding - Repair	6420	SF	10	1	9	\$6,260	\$5,634
100%	6.4.4	Metal Siding - Replace	2340	SF	35	24	11	\$41,970	\$13,191
100%	7.1.1	Sealant Joints - Replace	1700	LF	15	4	11	\$22,870	\$16,771
100%	7.3.1	Scuppers, Gutters & Downspouts - Replace	560	LF	30	19	11	\$3,640	\$1,335
100%	7.4.1	Low Sloped Ribbed Roof - Replace	101	SQ	30	19	11	\$193,100	\$70,803
100%	7.4.2	Low Sloped Smooth Roof - Replace	95	SQ	30	19	11	\$127,240	\$46,655
100%	7.4.3	Tower Composition Shingles - Replace	2	SQ	30	19	11	\$1,230	\$451
100%	7.4.4	Tower Metal Roof - Replace	6	SQ	50	39	11	\$5,250	\$1,155
100%	7.4.5	Apparatus Bay Metal Roof - Replace	19	SQ	40	29	11	\$16,620	\$4,571
5%	7.4.6	Roof Inspection & Minor Repair	223	SQ	5	3	2	\$6,250	\$2,500
10%	8.2.1	Folding Bay Doors & Hardware - Maintenance	5	EA	5	2	3	\$5,610	\$3,366
100%	8.2.2	Overhead Bay Doors & Hardware - Replace	4	EA	30	19	11	\$24,670	\$9,046
100%	8.2.3	Overhead Bay Door Operator - Contingency	4	EA	5	2	3	\$13,010	\$7,806
100%	8.2.4	Coiling Door - Maintenance	2	EA	30	19	11	\$10,090	\$3,700
100%	8.2.5	Doors & Hardware - Maintenance	5	EA	5	1	4	\$3,650	\$2,920
20%	8.3.1	Storefront System - Maintenance	420	SF	15	4	11	\$7,820	\$5,735





FULLY FUNDED BALANCE = THE SUM OF

USEFUL LIFE

		COMPONENT DESCRIPTION	QTY	UNIT	MAINT. CYCLE (USEFUL LIFE)	REMAINING USEFUL LIFE	EFFECTIVE AGE	CURRENT REPLACEMENT COST	FULLY FUNDED BALANCE
100%	8.3.2	Storefront System - Replace	420	SF	60	50	10	\$39,090	\$6,515
100%	8.5.1	Aluminum Windows - Replace	2620	SF	40	29	11	\$176,280	\$48,477
100%	9.8.1	Cedar Wood Siding - Maintenance	1530	SF	6	1	5	\$22,300	\$18,583
100%	9.8.2	Concrete Siding - Maintenance	920	SF	12	1	11	\$5,160	\$4,730
100%	9.8.3	Exterior Steel - Maintenance	1	LS	6	4	2	\$8,160	\$2,720
100%	9.8.4	Fiber Cement Board Siding - Caulk & Paint	6420	SF	8	1	7	\$21,630	\$18,926
100%	10.4.1	Exterior Signage - Refurbish	1	LS	10	2	8	\$2,550	\$2,040
100%	10.5.1	Exterior Mail Pedestal Unit - Replace	1	EA	25	14	11	\$2,240	\$986
100%	11.1.1	Propane Forklift - Replace	1	EA	20	8	12	\$22,430	\$13,458
100%	11.4.1	Admin Kitchen Equipment - Contingency	1	LS	10	6	4	\$5,100	\$2,040
100%	11.4.2	Duty Crew Kitchen Equipment - Contingency	1	LS	5	3	2	\$15,290	\$6,116
100%	11.6.1	Laundry Equipment - Contingency	4	EA	5	3	2	\$3,810	\$1,524
100%	11.6.2	Unimac Gear Extractor - Replace	1	EA	12	1	11	\$8,970	\$8,223
100%	11.6.3	Ramair Gear Dryer - Replace	1	EA	12	1	11	\$11,210	\$10,276
100%	11.8.1	Air Compressor System - Replace	1	EA	15	4	11	\$8,970	\$6,578
100%	12.1.1	Apparatus Bay - Refurbish	12525	SF	25	14	11	\$70,190	\$30,884
100%	12.1.2	Admin Common Areas - Repaint	12115	SF	16	5	11	\$17,610	\$12,107
100%	12.1.3	Exercise Room - Refurbish	1	LS	20	9	11	\$3,060	\$1,683
100%	12.1.4	Bunk Gear Storage - Refurbish	1	LS	10	3	7	\$8,160	\$5,712
100%	12.1.5	Admin Offices - Refurbish	1	LS	16	5	11	\$25,480	\$17,518
100%	12.1.6	Lobby - Refurbish	1	LS	15	6	9	\$20,390	\$12,234
100%	12.1.7	Public Meeting Room - Refurbish	1	LS	12	1	11	\$15,290	\$14,016
100%	12.1.8	Public & Admin Restrooms - Refurbish	7	EA	20	9	11	\$19,620	\$10,791
100%	12.2.1	Duty Crew Common Areas - Full Repaint	9630	SF	16	7	9	\$14,000	\$7,875
100%	12.2.2	Duty Crew Common Areas - Touchup Paint	9630	SF	16	15	1	\$14,000	\$875
100%	12.2.3	Duty Crew Sleep Room Interiors - Refurbish	9	EA	10	3	7	\$25,230	\$17,661
100%	12.2.4	Duty Crew Kitchen Interiors - Refurbish	1	LS	10	9	1	\$10,190	\$1,019
100%	12.2.5	Duty Crew Laundry Interiors - Refurbish	1	LS	10	2	8	\$2,040	\$1,632
100%	12.2.6	Duty Crew Office/Training Areas - Refurbish	1	LS	15	4	11	\$6,120	\$4,488
100%	12.2.7	Duty Crew Restrooms - Refurbish	6	EA	10	2	8	\$16,820	\$13,456
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FULLY FUNDED BALANCE = THE SUM OF

USEFUL LIFE

FOR ALL RESERVE COMPONENTS

		COMPONENT DESCRIPTION	QTY	UNIT	MAINT. CYCLE (USEFUL LIFE)	REMAINING USEFUL LIFE	EFFECTIVE AGE	CURRENT REPLACEMENT COST	FULLY FUNDED BALANCE
100%	12.4.1	1st Floor Interior Carpet Flooring - Replace	704	SY	24	13	11	\$34,740	\$15,923
100%	12.4.2	2nd Floor Interior Carpet Flooring - Replace	507	SY	16	5	11	\$25,020	\$17,201
100%	12.4.3	1st Floor Resilient Flooring - Replace	655	SF	20	9	11	\$2,350	\$1,293
100%	12.4.4	2nd Floor Resilient Flooring - Replace	770	SF	15	4	11	\$2,760	\$2,024
100%	12.4.5	1st Floor Sheet Flooring - Replace	1950	SF	20	9	11	\$32,810	\$18,046
100%	12.4.6	2nd Floor Sheet Flooring - Replace	2510	SF	15	4	11	\$42,230	\$30,969
100%	12.4.7	1st Floor Stained Concrete - Refurbish	510	SF	12	1	11	\$15,440	\$14,153
100%	12.6.1	Elevator Cab Interior - Remodel	1	LS	40	29	11	\$6,120	\$1,683
100%	14.1.1	Elevator - Major Upgrades	1	EA	40	29	11	\$127,420	\$35,041
100%	14.1.2	Elevators - 5 Year Load Test	1	LS	5	5	-	\$5,610	\$0
100%	15.2.1	Plumbing System - Contingency	1	LS	5	3	2	\$5,100	\$2,040
100%	15.2.2	Plumbing Supply Lines - Replace	1	LS	60	49	11	\$61,160	\$11,213
100%	15.3.1	Irrigation System - Contingency	12	ZN	10	8	2	\$10,500	\$2,100
100%	15.3.2	Storm Water System - Contingency	1	LS	3	1	2	\$5,100	\$3,400
100%	15.4.1	Fire Detection System - Maintenance	1	LS	5	3	2	\$2,550	\$1,020
100%	15.4.2	Fire Sprinkler System - Maintenance	1	LS	15	4	11	\$8,160	\$5,984
100%	15.5.1	Water Heater - Contingency	2	EA	20	9	11	\$16,600	\$9,130
100%	15.6.1	Heat Recovery Unit - Replace	1	EA	25	14	11	\$13,460	\$5,922
100%	15.6.2	Indirect Makeup AHU - Replace	1	EA	20	9	11	\$10,090	\$5,550
100%	15.6.3	Furnace - Replace	1	EA	20	9	11	\$2,240	\$1,232
33%	15.6.4	VRF Heat Pump - Contingency	40	EA	6	4	2	\$19,700	\$6,567
100%	15.6.5	HVAC System - Contingency	1	LS	5	3	2	\$5,100	\$2,040
100%	15.6.6	Infrared Heaters - Replace	6	EA	20	9	11	\$15,470	\$8,509
33%	15.7.1	Exhaust Fans - Contingency	14	EA	5	3	2	\$7,770	\$3,108
100%	16.3.1	Electrical System - Contingency	1	LS	10	8	2	\$5,100	\$1,020
100%	16.5.1	Emergency Generator - Replace	1	EA	30	19	11	\$20,180	\$7,399
100%	16.5.2	Generator Fuel Tank - Replace	1	EA	30	19	11	\$8,970	\$3,289
100%	16.6.1	Exterior Light Fixtures - Replace	1	LS	10	9	1	\$10,190	\$1,019
100%	16.8.1	Fire Control Panel - Replace	1	EA	20	9	11	\$3,810	\$2,096
100%	16.9.1	Audio/Visual Equipment - Upgrades	1	LS	15	4	11	\$78,490	\$57,559
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### FULLY FUNDED BALANCE CALCUATIONS CONTINUED



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USEFUL LIFE									
		COMPONENT DESCRIPTION	QTY	UNIT	MAINT. CYCLE (USEFUL LIFE)	REMAINING USEFUL LIFE	EFFECTIVE AGE	CURRENT REPLACEMENT COST	FULLY FUNDED BALANCE
100%	17.1.1	Fireblast 451 - Maintenance	1	EA	10	9	1	\$10,190	\$1,019
100%	18.1.1	Security / Surveillance System - Replace	1	LS	10	1	9	\$16,310	\$14,679
5%	2.6.1	Asphalt Paving - Repair	9180	SF	6	1	5	\$4,120	\$3,433
100%	2.6.2	Asphalt Pavement- Seal Coat & Restripe	9180	SF	6	1	5	\$5,150	\$4,292
100%	2.7.4	Privacy Wood Fence - Replace	120	LF	15	8	7	\$6,190	\$2,889
100%	2.7.5	Chain-link Fence - Repair	205	LF	40	18	22	\$4,360	\$2,398
100%	2.9.2	Landscaping - Maintenance	1	LS	8	6	2	\$5,100	\$1,275
100%	2.9.3	Wetland - Maintenance	1	LS	15	13	2	\$10,190	\$1,359
20%	3.3.3	Exterior Concrete Paving - Repair	1730	SF	6	2	4	\$3,260	\$2,173
100%	6.1.2	Garbage Bin Enclosure - Contingency	1	LS	20	18	2	\$1,530	\$153
10%	6.4.5	Brick Siding - Maintenance	4860	SF	20	8	12	\$13,080	\$7,848
100%	7.3.2	Gutters & Downspouts - Replace	511	LF	20	11	9	\$3,220	\$1,449
100%	7.4.7	Metal Roof - Replace	70	SQ	40	11	29	\$61,220	\$44,385
5%	7.4.8	Roof Inspection & Minor Repair	70	SQ	5	5	-	\$3,060	\$0
15%	8.2.8	Common Doors & Hardware - Maintenance	31	EA	10	10	-	\$3,380	\$0
100%	8.2.6	Overhead Bay Door - Replace	5	EA	20	8	12	\$5,810	\$3,486
100%	8.2.7	Bay Door Operator - Contingency	5	EA	20	18	2	\$56,070	\$5,607
100%	8.3.3	Storefront System - Maintenance	5	EA	10	8	2	\$19,620	\$3,924
100%	8.5.2	Aluminum Framed Windows - Replace	1	LS	45	16	29	\$30,580	\$19,707
100%	9.8.5	Front Entry Steel Framed Structure - Paint	128	LF	10	2	8	\$2,290	\$1,832
100%	10.4.2	Exterior Signage - Refurbish	1	LS	15	10	5	\$2,550	\$850
50%	11.4.3	Kitchen Equipment - Contingency	5	EA	5	6	-	\$14,020	\$0
100%	11.6.4	Laundry Equipment - Contingency	2	EA	5	3	2	\$3,360	\$1,344
100%	11.6.5	Station Extractor - Bunker Gear Washer	1	EA	12	5	7	\$8,970	\$5,233
100%	11.8.2	Air Compressor - Replace	3640	SF	12	11	1	\$40,840	\$3,403
25%	12.3.1	Interior Concrete Floor - Refurbish	5748	SF	25	24	1	\$8,050	\$322
100%	12.3.2	Apparatus Bay - Refurbish	5844	SF	10	10	-	\$13,770	\$0
100%	12.3.3	Hallway & Stairwell Walls & Ceiling - Paint	1	LS	25	10	15	\$7,140	\$4,284
100%	12.3.4	Front Reception Desk & Office - Remodel	1	LS	10	11	-	\$25,480	\$0
100%	12.3.5	Kitchen - Remodel	1	LS	10	10	-	\$10,190	\$0



### FULLY FUNDED BALANCE CALCUATIONS CONTINUED



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		COMPONENT DESCRIPTION	QTY	UNIT	MAINT. CYCLE (USEFUL LIFE)	REM AINING USEFUL LIFE	EFFECTIVE AGE	CURRENT REPLACEMENT COST	FULLY FUNDED BALANCE
100%	12.3.6	Day / Dining Room - Remodel	1	LS	15	10	5	\$15,290	\$5,097
100%	12.3.7	Duty Crew Sleep Rooms - Refurbish	1	LS	20	8	12	\$5,100	\$3,060
100%	12.3.8	Exercise Room - Refurbish	1	LS	15	14	1	\$30,580	\$2,039
100%	12.3.9	Locker & Restroom - Refurbish	1	LS	15	5	10	\$2,040	\$1,360
100%	12.3.10	Laundry & Utility Room - Refurbish	1	LS	10	8	2	\$10,190	\$2,038
100%	15.2.3	Plumbing System - Contingency	1	LS	10	4	6	\$5,100	\$3,060
100%	15.3.3	Irrigation System - Contingency	1	LS	5	2	3	\$2,550	\$1,530
100%	15.4.3	Fire Detection System - Maintenance	1	LS	15	5	10	\$5,100	\$3,400
100%	15.4.4	Wet & Dry Fire Sprinkler System - Contingency	1	LS	10	8	2	\$5,610	\$1,122
100%	15.5.2	Water Heater - Replace	3	EA	15	2	13	\$8,070	\$6,994
100%	15.6.7	HVAC Units - Replace	1	EA	15	6	9	\$11,210	\$6,726
100%	15.6.8	Furnace - Replace	5	EA	10	4	6	\$14,020	\$8,412
100%	15.6.9	Infrared Overhead Heaters - Replace	1	LS	10	8	2	\$5,100	\$1,020
33%	15.7.2	Exhaust Fans - Contingency	8	EA	5	3	2	\$4,440	\$1,776
100%	16.3.2	Electrical System - Contingency	1	EA	20	8	12	\$6,730	\$4,038
100%	16.5.3	Emergency Generator - Contingency	1	EA	20	18	2	\$8,970	\$897
100%	16.6.2	Exterior Light Fixtures - Replace	5	EA	15	1	14	\$2,800	\$2,613
100%	16.8.2	Fire Control Panel - Replace	1	EA	20	8	12	\$3,920	\$2,352
100%	18.1.2	Security / Surveillance System - Upgrade	1	LS	10	1	9	\$15,290	\$13,761
				FULL		BALANCE		Total	\$1,093,546

CURRENT RESERVE BALANCE = \$354,070

PERCENT FULLY FUNDED = 32%



# **FUNDING PLANS**

THRESHOLD FUNDING PLAN \$182,300	ELINE FUNDING PLAN \$152,600	FULL FUNDING PLAN \$188,000
RECOMMENDED	OPTIONAL STRATEGY	100% FUNDED BY YEAR 30
initial annual contribution of \$182,300	initial annual contribution of \$152,600	initial annual contribution of \$188,000
meets yearly projected reserve expenses	meets annual reserve expenses with no minimum balance requirement	most flexibility for cost variables and unplanned expenses
maintains minimum reserve balance equal to annual contribution amount	less flexibility with cost variables and unplanned expenses	lowest risk for special assessment

The Threshold Funding Plan is the **RECOMMENDED FUNDING PLAN** for Northshore Fire Department, balancing cashflow and anticipated expenses over 30 years while maintaining a minimum reserve account balance of one year's contribution to reserves and the percent funded above 48%. Cost projection accuracy decreases into the distant future. Assumptions should be reconsidered and updated with each revision of the study.

#### COMPARISON OF FULLY FUNDED BALANCE AND FUNDING PLANS





# **PROJECTED RESERVE ACCOUNT BALANCES**

FOR FUNDING PLANS OVER 30 YEARS

The projected reserve account balance for each of the funding plans over the next 30 years is provided, along with the current funding plan projections.

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FISCAL YEAR END	\$182,300 RECOMMENDED (THRESHOLD) FUNDING PLAN	\$185,300 CURRENT FUNDING PLAN	\$152,600 BASELINE FUNDING PLAN	\$188,000 FULL FUNDING PLAN
1 (2022)	\$535,010	\$538,016	\$505,234	\$540,723
2 (2023)	\$674,552	\$680,741	\$613,285	\$686,310
3 (2024)	\$754,903	\$764,430	\$660,588	\$773,005
4 (2025)	\$684,350	\$697,379	\$555,370	\$709,105
5 (2026)	\$795,449	\$812,152	\$630,130	\$827,181
6 (2027)	\$933,772	\$954,321	\$730,372	\$972,812
7 (2028)	\$1,073,117	\$1,097,693	\$829,829	\$1,119,810
8 (2029)	\$1,093,261	\$1,122,054	\$808,213	\$1,147,967
9 (2030)	\$1,051,801	\$1,085,007	\$723,052	\$1,114,893
10 (2031)	\$1,182,011	\$1,219,835	\$807,549	\$1,253,877
11 (2032)	\$1,199,279	\$1,242,368	\$772,675	\$1,281,151
12 (2033)	\$1,429,541	\$1,478,222	\$947,598	\$1,522,035
13 (2034)	\$1,340,872	\$1,395,485	\$800,228	\$1,444,634
14 (2035)	\$1,406,957	\$1,467,856	\$804,080	\$1,522,663
15 (2036)	\$1,704,912	\$1,772,471	\$1,036,093	\$1,833,273
16 (2037)	\$1,903,316	\$1,977,931	\$1,164,666	\$2,045,082
17 (2038)	\$2,169,662	\$2,251,743	\$1,357,092	\$2,325,613
18 (2039)	\$2,224,512	\$2,314,495	\$1,333,737	\$2,395,475
19 (2040)	\$1,184,055	\$1,282,393	\$210,574	\$1,370,892
20 (2041)	\$1,482,330	\$1,589,499	\$421,422	\$1,685,946
21 (2042)	\$1,511,680	\$1,628,179	\$358,393	\$1,733,024
22 (2043)	\$1,723,271	\$1,849,627	\$472,412	\$1,963,342
23 (2044)	\$1,772,603	\$1,909,366	\$418,727	\$2,032,446
24 (2045)	\$2,078,953	\$2,226,698	\$616,348	\$2,359,663
25 (2046)	\$2,208,710	\$2,368,045	\$631,392	\$2,511,438
26 (2047)	\$2,660,011	\$2,831,569	\$961,705	\$2,985,961
27 (2048)	\$3,153,293	\$3,337,736	\$1,327,420	\$3,503,725
28 (2049)	\$3,146,321	\$3,344,349	\$1,185,994	\$3,522,562
29 (2050)	\$2,103,347	\$2,315,684	\$1,339	\$2,506,777
30 (2051)	\$2,525,238	\$2,752,651	\$273,986	\$2,957,311



# RESERVE STUDY PROJECTIONS USING INFLATED DOLLAR VALUES

The recommended contribution to reserves is primarily based on cashflow over thirty years to ensure a that there will be enough funds in reserves to cover anticipated expenses without the need of a special assessment. Monitoring the Fully Funded Balance helps anticipate future financial liabilities and the community's potential risk for a special assessment. The inflated scenario includes annual increases in the reserve contribution to keep up with inflation.

- **Teal Area Graph:** The fiscal year-end running reserve fund balance is shown as a line graph in teal.
- **Grey Area Graph:** The anticipated fully funded balance is shown as a line graph in grey.
- Mint Green Bars: The annual reserve fund contributions are shown as mint green bars.
- Brick Red Bars: The anticipated yearly reserve expenditures are shown as brick red bars, depicting the anticipated expenses over the next 30 years.

#### RECOMMENDED FUNDING PLAN STARTING AT \$182,300





# RESERVE 30 YEAR SUMMARY AT THE RECOMMENDED FUNDING PLAN STARTING AT \$182,300

	INFLATION & INTEREST ASSUMPTIONS <sup>1</sup>						SPECIAL ASSES	SMENT RISK	
	Years 0-1 Years 2-10 Years 11-30	CONTRIBUTION INFLATION 0% 3% 4%	COMPONENT INFLATION 4% 3% 4%	INTEREST 0.5% 2% 3%				Nominal Risk Low Risk Moderate Risk Highest Risk	100% + 70% to 99% 25% to 69% 0% to 24%
FISCAL YEAR END	FISCAL YEAR BEGINNING RESERVE BALANCE	RECOMMMENDED ANNUAL RESERVE CONTRIBUTION <sup>2</sup>	AVERAGE CONTRIBUTION PER UNIT PER MONTH <sup>3</sup>	PROJECTED RESERVE EXPENDITURES	SPECIAL ASSESSMENT	PROJECTED INTEREST EARNED	FISCAL YEAR END RESERVE BALANCE	PROJECTED FULLY FUNDED BALANCE	PERCENT FUNDED
1 (2022)	\$525,948	\$182,300	\$15,192	(\$175,884)	\$0	\$2,646	\$535,010	\$1,116,507	48%
2 (2023)	\$535,010	\$187,769	\$15,647	(\$60,202)	\$O	\$11,976	\$674,552	\$1,253,683	54%
3 (2024)	\$674,552	\$193,402	\$16,117	(\$127,204)	\$O	\$14,153	\$754,903	\$1,332,889	57%
4 (2025)	\$754,903	\$199,204	\$16,600	(\$284,008)	\$0	\$14,250	\$684,350	\$1,262,732	54%
5 (2026)	\$684,350	\$205,180	\$17,098	(\$108,732)	\$O	\$14,651	\$795,449	\$1,370,963	58%
6 (2027)	\$795,449	\$211,336	\$17,611	(\$90,134)	\$0	\$17,121	\$933,772	\$1,506,409	62%
7 (2028)	\$933,772	\$217,676	\$18,140	(\$98,201)	\$0	\$19,870	\$1,073,117	\$1,643,383	65%
8 (2029)	\$1,073,117	\$224,206	\$18,684	(\$225,511)	\$0	\$21,449	\$1,093,261	\$1,662,857	66%
9 (2030)	\$1,093,261	\$230,932	\$19,244	(\$293,631)	\$0	\$21,238	\$1,051,801	\$1,620,666	65%
10 (2031)	\$1,051,801	\$237,860	\$19,822	(\$129,767)	\$0	\$22,117	\$1,182,011	\$1,747,121	68%
11 (2032)	\$1,182,011	\$247,375	\$20,615	(\$265,298)	\$0	\$35,191	\$1,199,279	\$1,767,612	68%
12 (2033)	\$1,199,279	\$257,270	\$21,439	(\$65,857)	\$0	\$38,850	\$1,429,541	\$1,997,003	72%
13 (2034)	\$1,429,541	\$267,560	\$22,297	(\$397,171)	\$0	\$40,942	\$1,340,872	\$1,913,238	70%
14 (2035)	\$1,340,872	\$278,263	\$23,189	(\$252,786)	\$0	\$40,608	\$1,406,957	\$1,979,845	71%
15 (2036)	\$1,406,957	\$289,393	\$24,116	(\$37,427)	\$0	\$45,988	\$1,704,912	\$2,274,191	75%
16 (2037)	\$1,704,912	\$300,969	\$25,081	(\$155,888)	\$0	\$53,324	\$1,903,316	\$2,471,955	77%
17 (2038)	\$1,903,316	\$313,008	\$26,084	(\$106,854)	\$0	\$60,192	\$2,169,662	\$2,737,168	79%
18 (2039)	\$2,169,662	\$325,528	\$27,127	(\$335,616)	\$0	\$64,939	\$2,224,512	\$2,795,157	80%
19 (2040)	\$2,224,512	\$338,549	\$28,212	(\$1,429,380)	\$0	\$50,373	\$1,184,055	\$1,773,068	67%
20 (2041)	\$1,184,055	\$352,091	\$29,341	(\$93,220)	\$O	\$39,405	\$1,482,330	\$2,058,071	72%
21 (2042)	\$1,482,330	\$366,175	\$30,515	(\$381,072)	\$0	\$44,246	\$1,511,680	\$2,078,914	73%
22 (2043)	\$1,511,680	\$380,822	\$31,735	(\$217,037)	\$0	\$47,807	\$1,723,271	\$2,277,410	76%
23 (2044)	\$1,723,271	\$396,055	\$33,005	(\$398,386)	\$0	\$51,663	\$1,772,603	\$2,315,794	77%
24 (2045)	\$1,772,603	\$411,897	\$34,325	(\$162,467)	\$0	\$56,920	\$2,078,953	\$2,605,457	80%
25 (2046)	\$2,078,953	\$428,373	\$35,698	(\$361,980)	\$O	\$63,364	\$2,208,710	\$2,721,577	81%
26 (2047)	\$2,208,710	\$445,508	\$37,126	(\$66,158)	\$0	\$71,952	\$2,660,011	\$3,153,117	84%
27 (2048)	\$2,660,011	\$463,328	\$38,611	(\$55,957)	\$O	\$85,911	\$3,153,293	\$3,627,671	87%
28 (2049)	\$3,153,293	\$481,861	\$40,155	(\$581,931)	\$0	\$93,098	\$3,146,321	\$3,611,414	87%
29 (2050)	\$3,146,321	\$501,135	\$41,761	(\$1,621,690)	\$O	\$77,581	\$2,103,347	\$2,571,562	82%
30 (2051)	\$2,103,347	\$521,181	\$43,432	(\$167,693)	\$0	\$68,403	\$2,525,238	\$2,961,613	85%

<sup>1</sup>The long term nature of this study requires that certain assumptions and predictions be made about future events. Since there can be no guarantee that these future events will occur as assumed, this analysis must be viewed in light of the circumstances under which it was conducted. Reasonable effort has been made to ensure that the conclusions of this report are based on reliable information and sound reasoning.

<sup>2</sup> The Recommended Annual Reserve Contribution includes inflation and any applicable recommended adjustments.

<sup>3</sup> The Average Contribution Per Unit Per Month reflects the Recommended Annual Reserve Contribution divided by the total number of units in the community.


## PURPOSE OF A RESERVE STUDY

The purpose of a Reserve Study is to recommend a reasonable annual reserve contribution rate made by an organization to its reserve account. Reserve accounts are established to fund major maintenance, repair, and replacement of common elements, including limited common elements, expected within the next thirty years. A Reserve Study is intended to project availability of adequate funds for the replacement or major repair of any significant component of the property as it becomes necessary without relying on special assessments. It is a budget planning tool which identifies the current status of the reserve account and a stable and equitable Funding Plan to offset the anticipated future major shared expenditures. Each reserve component is

evaluated to determine the current condition, the remaining useful life, and the estimated replacement cost. This information is combined into a spreadsheet to determine funding requirements and establish the annual contribution rate needed to minimize the potential for special assessments. All costs and annual reserve fund balances are shown with adjustments for annual inflation and interest earned. Ideally, an even level of contributions is established that maintains a positive balance in the reserve account over the timeline the study examines. Annual updates are key to keeping up with current trends in component pricing, inflation and interest rates, actual timing of maintenance experienced and the community's risk tolerance.

A Reserve Study also calculates a theoretical "Fully Funded Balance". Fully Funded Balance is the sum total of the reserve components' depreciated value using a straight-line depreciation method.

To calculate each component's depreciated value:

 $Deprectated Value = Current Replacement Cost \times \frac{Effective Age}{Expected Useful Life}$ 

By comparing the actual current reserve fund balance, to the theoretical Fully Funded Balance a Percent Fully Funded is derived.

# **OUR APPROACH TO A RESERVE STUDY**

Reserve Consultants LLC employs a "Reasonable Approach" when evaluating reserve components in order to draft a study that is of greatest value to our clients. This means we attempt to predict, based on the costs involved and the client's objectives, what a reasonable person will decide to have done when maintenance, repairs, or replacement become necessary. For example, a reasonable person will not replace a fence when it only needs to be repainted. The benefit of this is that reserve contributions are minimized to allow for what is most likely to occur. Our studies are not based on a worst-case scenario, but rather on what we expect is most likely to occur. Our approach assumes minor problems will be corrected as they occur, before they become major problem.



## LEVELS OF RESERVE STUDIES

As defined by Washington State Law for Common Interest Communities:

**Level 1:** The first level, an initial Reserve Study, must be based upon a visual site inspection conducted by a Reserve Study Professional. This is also known as a full Level 1 Reserve Study with a site visit.

**Level 2:** Thereafter at least every three years, an updated Reserve Study must be prepared, which again is based upon a visual site inspection conducted by a Reserve Study Professional. This is also known as a Level 2 update with a site visit.

**Level 3:** As noted earlier, the Association is required to update its Reserve Study every year. However, in two of the three years, the annual updates do not require a site visit. This is also known as a Level 3 update without a site visit.

This study is a <u>Level 3</u> Reserve Study update without a site visit.

## SOURCES USED IN COMPILING THIS REPORT

Reserve Consultants LLC has provided reserve studies and construction services since 1992 and base component repair and replacement costs on this extensive experience and information provided by the Organization. Sources used include:

- Review of previous reserve study report(s);
- Input provided by the organization's representatives;
- Review of a list of components the organization is responsible for;
- Generally accepted construction, maintenance, and repair guidelines

The current replacement cost is an estimate and actual costs may vary. Material selection, timing of the work, and requirements for Architectural services or construction management can impact cost projections. All estimates assume that a licensed and bonded contractor will be utilized to complete the work due to liability issues. Regional cost factors are applied as appropriate.

## DISCLOSURE

While this report is not in compliance with RCW 64.90, following disclosure is required to be included in every Reserve Study per RCW 64.90.550 § 3 and provides further consideration regarding components that are not included in the report:

"This reserve study should be reviewed carefully. It may not include all common and limited common element components that will require major maintenance, repair, or replacement in future years, and may not include regular contributions to a reserve account for the cost of such maintenance, repair, or replacement. The failure to include a component in a reserve study, or to provide contributions to a reserve account for a component, may, under some circumstances, require the association to (1) defer major maintenance, repair, or replacement, (2) increase future reserve contributions, (3) borrow funds to pay for major maintenance, repair, or replacement, or replacement, or replacement, or replacement, or replacement."



## LIMITATIONS AND ASSUMPTIONS OF A RESERVE STUDY

This Reserve Study is not a report on the condition of the assets maintained by Northshore Fire Department, or a detailed report of necessary maintenance to the assets. It is also not an investigation into or comment on the quality of construction of the reserve components, or whether the construction complies with the building code.

The component list is based on information provided by Northshore Fire Department. Reserve Consultants LLC does not provide legal interpretations of governing documents or auditing services on account information provided.

The observations made by Reserve Consultants LLC are limited to a visual inspection of a sample of the reserve components. Unless informed otherwise, our assumption is that the components are constructed in substantial compliance with the building code and to industry standards, and that it will receive ordinary and reasonable maintenance and repair by Northshore Fire Department. These assumptions include that most reserve components will achieve their normal useful lives for similar components in the Pacific Northwest, and that they will be replaced when necessary to prevent damage to other reserve components. This Reserve Study assumes that the assets will be maintained to keep a good level of appearance, with a special emphasis on retaining the original appearance of the assets to the greatest possible extent. The analysis also assumes that Northshore Fire Department will replace materials as they are required with good quality materials, installed by qualified, licensed, contractors. We further assume that the assets will experience the full typical useful life for the new materials installed.

The long-term nature of this study requires that certain assumptions and predictions be made about future events. Since there can be no guarantee that these future events will occur as assumed, this analysis must be viewed in light of the circumstances under which it was conducted. Reasonable effort has been made to ensure that the conclusions of this report are based on reliable information and sound reasoning.

Ideally, this report would be updated annually with actual repair costs, reserve fund balances, etc. We recommend that the updated include a site inspection and professional review every three years; a site visit is required by Washington State Law at least once every three years for Common Interest Communities. Regular updating will allow changes based on actual occurrences and adjustments for the cost of repairs to be incorporated into the annual reserve contributions. This will allow any savings or additional costs to be properly allocated.



## INFLATION AND INTEREST RATE PROJECTIONS

# When making estimates on the future inflation and interest rates, we use a staggered approach to more accurately reflect future economic projections.

**For inflation,** we use the construction industry inflation rates published by RS Means, which differ from the consumer inflation index. The average annual construction inflation increase since 1990 is 3.07%. We do not apply inflation to the annual reserve contribution in Year 0. Likewise, we do not apply inflation to the recommended reserve contribution in Year 1 since this is the first year at the recommended contribution rate. Inflation applied to the components on the inflated spreadsheet is compounded annually; the values are listed for each year at the bottom of the inflated spreadsheet.

**For interest rates**, we analyze the historical data provided by the Board of Governors of the Federal Reserve. The average annual interest rate since 1990 is 2.82%. The interest for organizations is typically lower than average due to conservative investing options that are usually employed by organizations.

#### INFLATION AND INTEREST RATE PROJECTIONS

YEARS APPLIED	RESERVE CONTRIBUTION INFLATION	RESERVE EXPENSE INFLATION	INTEREST RATE
Year 0 (2021)	0%	0%	0.5%
Year 1 (2022)	0%	4%	0.5%
Year 2 (2023) through Year 10 (2031)	3%	3%	2%
Year 11 (2032) through Year 30 (2051)	4%	4%	3%



# DISCLOSURES

- 1. Reserve Consultants LLC also provides construction inspection services for condominiums and does design and construction oversight for major repair projects, including roofing, decks and building envelope replacement.
- 2. No shareholder or employee of Reserve Consultants LLC has any interest in, or obligation to, any construction company, management company, or development entity that creates condominiums; nor is there any involvement with Northshore Fire Department which could result in a conflict of interest.
- 3. Reserve Consultants LLC has been a member of the Community Associations Institute since about 1993, and has worked with a variety of management companies, associations and other types of clients in Washington State.
- 4. This report and analysis is based upon observations of the visible and apparent condition of the building and its major components on the date of the inspection. Although care has been taken in the performance of this inspection, Reserve Consultants LLC (and/or its representatives) make no representations regarding latent or concealed defects which may exist and no warranty or guarantee is expressed or implied. This report is made only in the best exercise of our ability and judgment. Conclusions in this report are based on estimates of the age and normal working life of various items of equipment and appliances. Predictions of life expectancy and the balance of useful life are necessarily based on industry and/or statistical comparisons. It is essential to understand that actual conditions can alter the useful life of any item. The previous use or misuse, irregularity of servicing, faulty manufacture, unfavorable conditions, acts of god, and unforeseen circumstances make it impossible to state precisely when each item would require replacement. The client herein should be aware that certain components within the above referenced property may function consistent with their purpose at the time of inspection, but due to their nature, are subject to deterioration without notice.
- 5. Unless otherwise noted, all reserve components are assumed to meet the building code requirements in force at the time of construction. Any on-site inspection should not be considered a project audit or quality inspection.
- 6. Conclusions reached in this report assume responsible ownership and competent management of the property. Information provided by others is believed to be reliable. Information provided by others was not audited; we assume no responsibility for accuracy thereof. Any on-site inspection should not be considered a project audit or quality inspection.
- 7. The reserve study is a reflection of information provided to the consultant and assembled for the Organization's use, not for the purpose of performing an audit, quality/forensic analyses or background checks of historical record.



## **EVALUATOR'S CREDENTIALS**

#### Denise Dana

**Principal** Reserve Consultants LLC

B.S. Education, M. Architecture

Washington Registered Architect, #8702

LEED Accredited Professional Reserve Specialist, #291 Denise Dana first obtained licensure as an Architect and became a LEED accredited professional in 2003. She is currently a licensed Architect in the State of Washington and is certified by the National Council of Architectural Registration Boards. With over twenty years of experience in architecture, her resume includes a variety of project types ranging from residential to corporate. She has worked through all phases of construction including design development, construction documentation and construction administration with project budgets varying from a few thousand dollars to over sixty million dollars. Denise has been conducting reserve studies since joining Reserve Consultants in 2008; in 2011 she was recognized as a 'Reserve Specialist' by the Community Associations Institute.



## **Glossary of Terms**

Allocated Interests - the following interests allocated to each unit: (a) In a condominium, the undivided interest in the common elements, the common expense liability, and votes in the association; (b) In a cooperative, the common expense liability, the ownership interest, and votes in the association; and (c) In a plat community and miscellaneous community, the common expense liability and the votes in the association, and also the undivided interest in the common elements if owned in common by the unit owners rather than an association. RCW 64.90.010 §2.

**Assessment** - all sums chargeable by the association against a unit, including any assessments levied pursuant to RCW 64.90.480, fines or fees levied or imposed by the association pursuant to this chapter or the governing documents, interest and late charges on any delinquent account, and all costs of collection incurred by the association in connection with the collection of a delinquent owner's account, including reasonable attorneys' fees. RCW 64.90.010 §3.

Association or Unit Owners Association - the unit owners association organized under RCW 64.90.400 of WUCIOA and, to the extent necessary to construe sections of this chapter made applicable to common interest communities pursuant to RCW64.90.085, 64.90.095, or 64.90.100of WUCIOA, the association organized or created to administer such common interest communities. RCW \$64.90.010 \$4)

**Baseline Funding Plan** – A reserve contribution rate that is constant, increasing with inflation, to provide funds for all anticipated reserve expenses so that no special assessments are required for 30 years, but with no excess funds some years.

**Board** - the body, regardless of name, designated in the declaration, map, or organizational documents, with primary authority to manage the affairs of the association. RCW \$64.90.010 \$6.

**Building Codes** - Nationally recognized standards used to gauge the acceptability of a particular material or building procedure. Typically, if something is built to "code," it is acceptable to all concerned. Some often used codes are International Building Code (IBC) (applicable to most multifamily housing), International Residential Code (IRC) (applicable to one and two family structures), Washington Energy Code, National Electric Code (NEC), Uniform Plumbing Code (UPC), and the National Fire Protection Association Standards (NFPA). These are usually amended slightly by each city or county.

**Building Component** – see "Reserve Component".

**Component Number** - A number assigned to each building component that allows grouping of like components. The numbers are based roughly on the Construction Specification Institute system.

**Common Elements** - (a) In a condominium or cooperative, all portions of the common interest community other than the units; (b) In a plat community or miscellaneous community, any real estate other than a unit within a plat community or miscellaneous community that is owned or leased either by the association or in common by the unit owners rather than an association; and (c) In all common interest communities, any other interests in real estate for the benefit of any unit owners that are subject to the declaration. RCW \$64.90.010 \$7.

**Common Expense** - any expense of the association, including allocations to reserves, allocated to all of the unit owners in accordance with common expense liability. RCW \$64.90.010 \$8.

**Common Expense Liability** - the liability for common expenses allocated to each unit pursuant to RCW64.90.040of RCW. RCW \$64.90.010 \$9.

**Common Interest Community** - real estate described in a declaration with respect to which a person, by virtue of the person's ownership of a unit, is obligated to pay for a share of real estate taxes, insurance premiums, maintenance, or improvement of, or services or other expenses related to, common elements, other units, or other real estate described in the declaration. "Common interest community" does not include an arrangement described in RCW 64.90.110 or RCW 64.90.115. A common interest community may be a part of another common interest community. RCW §64.90.010 §10.

**Contribution Rate** - in a Reserve Study as described in RCW 64.34, the amount contributed to the reserve account so that the association will have cash reserves to pay major maintenance, repair, or replacement costs without the need of a special assessment. RCW 64.34.020 (10)

**Constant Dollars** - costs and contributions are provided in today's dollars, no matter how far in the future they occur. Inflation and interest are not factored in.



**Effective Age** - the difference between the useful life and the remaining useful life. RCW 64.34.020 \$19 & RCW \$64.90.010 \$21.

**Full Funding Plan** - a reserve funding goal of achieving one hundred percent fully funded reserves by the end of the thirty-year study period described under RCW64.90.550 of WUCIOA, in which the reserve account balance equals the sum of the estimated costs required to maintain, repair, or replace the deteriorated portions of all reserve components. RCW \$64.90.010 §25.

**Fully Funded Balance** - the current value of the deteriorated portion, not the total replacement value, of all the reserve components. The fully funded balance for each reserve component is calculated by multiplying the current replacement cost of that reserve component by its effective age, then dividing the result by that reserve component's useful life. The sum total of all reserve components' fully funded balances is the association's fully funded balance. RCW 64.34.020 §22 & RCW §64.90.010 §26.

**Inflated Dollars** - as opposed to constant dollars, inflated dollars recognize that costs in the future will probably be higher than today because each dollar will buy fewer goods and services. A rate of inflation must be assumed and applied to all future costs. Also referred to as future cost.

**Inflation Multiplier** - 100% plus the assumed rate of inflation. Thus, for an assumed yearly inflation rate of 5%, the "multiplier" would be 105% or 1.05 if expressed as a decimal number rather than as a percentage. Each successive year the previous year's "multiplier" is multiplied by this number to arrive at the next year's "multiplier."

**Interest Rate Multiplier** - The assumed rate of interest earned on the average annual reserve bank account balance. Thus, 4% interest would be 0.04 expressed as a decimal number. A rate of interest earned must be assumed for all future years. Typically this is lower than the rate of inflation.

**Limited Common Element** - a portion of the common elements allocated by the declaration or by operation of RCW 64.90.210 \$1(b) or \$2 for the exclusive use of one or more, but fewer than all, of the unit owners. RCW \$64.90.010 \$30.

Unit owners may be responsible for the cost to repair and maintain limited common elements, so those costs may not appear in a Reserve Study. Maintenance Cycle – the frequency of maintenance on a component to reach or extend its Useful Life. Often shorter than the full "Useful Life" for repairs that occur in lieu of complete replacement.

**Next Repair** - the next time the "Repair Cycle" starts with work on a component.

Nominal Reserve Costs - the current estimated total replacement costs of the reserve components are less than fifty percent of the annual budgeted expense of the association, excluding contributions to the reserve funds, for a condominium or cooperative containing horizontal unit boundaries and less than seventy five percent of the annual budgeted expenses of the association, excluding contributions to the reserve fund for all other common interest communities. RCW \$64.90.010 \$34.

**Percent Fully Funded** – The percentage of the "Fully Funded Balance" which the current condominium Reserve Account actually has in it.

**RCW** – the Revised Code of Washington. RCW 64.34 is the **Washington Condominium Act**, the statute that governs 'New Act' condominiums formed between July 1, 1990 and June 30, 2018.

RCW 64.90 is the Uniform Common Interest Ownership Act (**WUCIOA**) and governs common interest properties formed after July 1, 2018 and requires all common interest properties in Washington State to comply with RCW 64.90.525.

**Remaining useful life** - the estimated time, in years, that a reserve component can be expected to continue to serve its intended function. RCW 64.34.020 §31.

Or the estimated time before a reserve component will require major maintenance, repair or replacement to perform its intended function. RCW \$64.90.010 \$44.

**Replacement Cost** - the current cost of replacing, repairing, or restoring a reserve component to its original functional condition. RCW 64.34.020 \$32.

Or the estimated total cost to maintain, repair, or replace a reserve component to its original functional condition. RCW \$64.90.010 \$45.

**Reserve Account** - Money set aside for future repair and replacement projects. For condominiums, the RCW requires a separate Reserve Account be maintained to hold reserves to fund repair or replacement of Reserve Components.



**Reserve Component** - common elements whose cost of maintenance, repair, or replacement is infrequent, significant, and impractical to include in an annual budget. RCW 64.34.020 \$34.

Or a physical component of the common interest community which the association is obligated to maintain, repair, or replace, which has an estimated useful life of less than thirty years, and for which the cost of such maintenance, repair or replacement is infrequent, significant, and impractical to include in an annual budget. RCW \$64.90.010 \$46.

**Reserve Contribution Rate** - The amount of money saved to fund replacement costs for maintenance and repairs of common elements. See "Contribution Rate". Current contributions and Recommended contributions may be different.

**Reserve Specialist** – A designation for those professionals who have met the standards established by Community Associations Institute (<u>www.caionline.org</u>) for Reserve Study providers.

**Reserve Study** - A physical assessment of a building and a subsequent report which estimates the anticipated major maintenance, repair, and replacement costs, whose infrequent and significant nature make them impractical to be included in an annual budget, which will need to be repaired or replaced over the next 30 years. It provides estimates of these replacement costs and details expected annual expenditures. It is used to calculate the Reserve Contribution Rate required to maintain a facility in good condition both functionally and cosmetically. The Washington Condominium Act sets out requirements for annual reserve studies.

**Reserve Study Professional** means an independent person suitably qualified by knowledge, skill, experience, training, or education to prepare a reserve study in accordance with RCW 64.34, RCW 64.34.020 §35, RCW 64.90.545 and RCW 64.90.550. For the purposes of WUCIOA, "independent" means a person who is not an employee, officer, or director, and has no pecuniary interest in the declarant, association, or any other party for whom the reserve study is prepared. RCW §64.90.010 §47.

**Special Assessment** - A levy against all unit owners that is necessary when a needed repair/replacement/upgrade has not been planned for, and for which insufficient money has been saved. **Threshold Funding (contribution rate)** – A Reserve Contribution Rate that is constant, increasing with inflation, to provide funds for all anticipated Reserve Expenses for the life of the study, but leaving a minimum level of Reserves (the "threshold") at all times. Our default minimum threshold is one year's contribution.

**Typ.** - Abbreviation for 'typical'; used on photographs and in text to refer to a problem that is shown or described once, but applies to many locations.

**Typical Life** - An average expected life for an average building component. As in any statistical average, there is a range of years over which each individual item might fall. This is the same as "Useful life".

**Useful life** means the estimated time, in years, that a reserve component can be expected to serve its intended function. RCW 64.34.020 \$40 or the estimated time during which a reserve component is expected to perform its intended function without major maintenance, repair or replacement. RCW \$64.90.010 \$59.

Year End Reserve Balance or Reserve Fund Balance - What is projected to be left in the reserve account after the expected yearly expenses and contributions are added to the prior year's carryover balance. Assumes that the reserve contributions and expenses occur as predicted.

**Yearly Expenses** - The total labor and material costs associated with all of the repairs/maintenance that are scheduled in that particular year.

**30 Year Spreadsheet** - A summary listing each building component and its yearly cost to maintain/repair over the next 30 years. It also lists the annual reserve fund balance, reserve contributions, reserve expenses and bank interest earned on any reserve fund balance.



30-YEAR RESERVE STUDY PROJECTIONS WITH STARTING RECOMMENDED FUNDING OF \$182,300 AND COMPOUND INFLATION

		ANNUAL RE ESTIMA	TED INTERE	ITRIBUTION ST EARNED	\$525,948 \$182,300 \$2,646 \$0	\$535,010 \$187,769 \$11,976 \$0	\$674,552 \$193,402 \$14,153 \$0	\$754,903 \$199,204 \$14,250 \$0	<b>16-Nov-21</b> \$684,350 \$205,180 \$14,651 \$0
		A	CCUMULATE		\$710,894	\$734,754	\$882,107	\$968,358	\$904,181
	#	COMPONENT NAME	MAINT. CYCLE	NEXT MAINT.	1 2022	2 2023	3 2024	4 2025	5 2026
Stn.51	2.4.1	Concrete - Paving Repairs	10	3			\$20,467		
Stn.51	2.4.2	Concrete - Repaint Stalls & Curbs	10	1	\$1,768				
Stn.51	2.7.1	Prefinished Metal Fence - Replace	30	19					
Stn.51	2.7.2	Prefinished Metal Fence & Gates - Maintenance	10	3	¢1 7 4 7		\$8,209	¢1.000	
Stn.51 Stn.51	2.7.3 2.8.1	Gate Operator - Maintenance Wood Benches - Maintenance	3 10	1	\$1,747		\$2,471	\$1,909	
Stn.51	2.9.1	Landscaping - Maintenance	8	6			ΨΖ,471		
Stn.51	3.3.1	Concrete Walkways - Repair	6	1	\$5,782				
Stn.51	3.3.2	Cast Concrete Retaining Walls - Repair	15	4				\$18,388	
Stn.51	6.1.1	Garbage Bin Enclosure - Repair	15	4				\$2,898	
Stn.51	6.2.1	Pedestal Paver - Maintenance	30	19					
Stn.51	6.2.2	PVC Thermoplastic Membrane - Replace	30	19					
Stn.51	6.4.1	Brick Siding - Maintenance	20	9					
Stn.51 Stn.51	6.4.2 6.4.3	CMU Wall - Tuck Point Fiber Cement Board Siding - Repair	20 10	9	\$6,510				
Stn.51	6.4.4	Metal Siding - Replace	35	24	φ0,510				
Stn.51	7.1.1	Sealant Joints - Replace	15	4				\$25,990	
Stn.51	7.3.1	Scuppers, Gutters & Downspouts - Replace	30	19				-	
Stn.51	7.4.1	Low Sloped Ribbed Roof - Replace	30	19					
Stn.51	7.4.2	Low Sloped Smooth Roof - Replace	30	19					
Stn.51	7.4.3	Tower Composition Shingles - Replace	30	19					
Stn.51	7.4.4	Tower Metal Roof - Replace	50	39					
Stn.51 Stn.51	7.4.5 7.4.6	Apparatus Bay Metal Roof - Replace Roof Inspection & Minor Repair	40	29 3			\$6,896		
Stn.51	8.2.1	Folding Bay Doors & Hardware - Maintenance	5	2		\$6,009	\$0,890		
Stn.51	8.2.2	Overhead Bay Doors & Hardware - Replace	30	19		<i><b></b></i>			
Stn.51	8.2.3	Overhead Bay Door Operator - Contingency	5	2		\$13,936			
Stn.51	8.2.4	Coiling Door - Maintenance	30	19					
Stn.51	8.2.5	Doors & Hardware - Maintenance	5	1	\$3,796				
Stn.51	8.3.1	Storefront System - Maintenance	15	4				\$8,887	
Stn.51	8.3.2	Storefront System - Replace	60	50 29					
Stn.51 Stn.51	8.5.1 9.8.1	Aluminum Windows - Replace Cedar Wood Siding - Maintenance	40 6	29	\$23,192				
Stn.51	9.8.2	Concrete Siding - Maintenance	12	1	\$5,366				
Stn.51	9.8.3	Exterior Steel - Maintenance	6	4				\$9,273	
Stn.51	9.8.4	Fiber Cement Board Siding - Caulk & Paint	8	1	\$22,495				
Stn.51	10.4.1	Exterior Signage - Refurbish	10	2		\$2,732			
Stn.51	10.5.1	Exterior Mail Pedestal Unit - Replace	25	14					
Stn.51	11.1.1	Propane Forklift - Replace	20 10	8					
Stn.51 Stn.51	11.4.1 11.4.2	Admin Kitchen Equipment - Contingency Duty Crew Kitchen Equipment - Contingency	5	3			\$16,870		
Stn.51	11.6.1	Laundry Equipment - Contingency	5	3			\$4,204		
Stn.51	11.6.2	Unimac Gear Extractor - Replace	12	1	\$9,329		+ .,		
Stn.51	11.6.3	Ramair Gear Dryer - Replace	12	1	\$11,658				
Stn.51	11.8.1	Air Compressor System - Replace	15	4				\$10,194	
Stn.51	12.1.1	Apparatus Bay - Refurbish	25	14					
Stn.51		Admin Common Areas - Repaint	16	5					\$20,613
Stn.51 Stn.51	12.1.3 12.1.4	Exercise Room - Refurbish Bunk Gear Storage - Refurbish	20 10	9 3			\$9,003		
Stn.51	12.1.4	Admin Offices - Refurbish	16	5			\$9,003		\$29,825
Stn.51	12.1.6	Lobby - Refurbish	15	6					+=0,020
Stn.51	12.1.7	Public Meeting Room - Refurbish	12	1	\$15,902				
Stn.51	12.1.8	Public & Admin Restrooms - Refurbish	20	9					
Stn.51	12.2.1	Duty Crew Common Areas - Full Repaint	16	7					
Stn.51	12.2.2	•	16	15			¢07.077		
Stn.51 Stn.51	12.2.3 12.2.4		10 10	3 9	\$1,560		\$27,837		
Stn.51 Stn.51	12.2.4		10	2	φ1,500	\$2,185			
Stn.51	12.2.5		15	4		ψ2,100		\$6,955	
Stn.51	12.2.7		10	2		\$18,018			
Stn.51	12.4.1	1st Floor Interior Carpet Flooring - Replace	24	13					
Stn.51	12.4.2		16	5					\$29,287
Stn.51		1st Floor Resilient Flooring - Replace	20	9				A	
Stn.51	12.4.4	2nd Floor Resilient Flooring - Replace	15	4				\$3,137	
Stn.51	12.4.5	1st Floor Sheet Flooring - Replace	20	9	I				

Stn.51	12.4.6	2nd Floor Sheet Flooring - Replace		15	4	1			\$47,992	
Stn.51	12.4.7	1st Floor Stained Concrete - Refurbish		12	1	\$16,058			ψ <del>-</del> 7,552	
Stn.51	12.6.1	Elevator Cab Interior - Remodel		40	29					
Stn.51	14.1.1	Elevator - Major Upgrades		40	29					
Stn.51	14.1.2	Elevators - 5 Year Load Test		5	5					\$6,567
Stn.51	15.2.1	Plumbing System - Contingency		5	3			\$5,627		
Stn.51		Plumbing Supply Lines - Replace		60	49					
Stn.51 Stn.51	15.3.1	Irrigation System - Contingency Storm Water System - Contingency		10 3	8	\$5,304			\$5,796	
Stn.51	15.4.1	Fire Detection System - Maintenance		5	3	\$3,304		\$2,814	\$3,790	
Stn.51	15.4.2	-		15	4			Ψ2,014	\$9,273	
Stn.51	15.5.1			20	9				+ • )= · •	
Stn.51	15.6.1	Heat Recovery Unit - Replace		25	14					
Stn.51	15.6.2	Indirect Makeup AHU - Replace		20	9					
Stn.51	15.6.3	Furnace - Replace		20	9					
Stn.51		VRF Heat Pump - Contingency		6	4				\$22,388	
Stn.51		HVAC System - Contingency		5	3			\$5,627		
Stn.51		Infrared Heaters - Replace		20	9			¢0.577		
Stn.51 Stn.51	15.7.1 16.3.1	Exhaust Fans - Contingency Electrical System - Contingency		5 10	3			\$8,573		
Stn.51	16.5.1	Emergency Generator - Replace		30	19					
Stn.51		Generator Fuel Tank - Replace		30	19					
Stn.51	16.6.1	Exterior Light Fixtures - Replace		10	9					
Stn.51		Fire Control Panel - Replace		20	9					
Stn.51	16.9.1	Audio/Visual Equipment - Upgrades		15	4				\$89,199	
Stn.51	17.1.1	Fireblast 451 - Maintenance		10	9					
Stn.51	18.1.1	Security / Surveillance System - Replace		10	1	\$16,962				
Stn.57	2.6.1	Asphalt Paving - Repair		6	1	\$4,285				
Stn.57	2.6.2	Asphalt Pavement- Seal Coat & Restripe		6	1	\$5,356				
Stn.57	2.7.4	Privacy Wood Fence - Replace		15	8					
Stn.57 Stn.57	2.7.5 2.9.2	Chain-link Fence - Repair Landscaping - Maintenance		40 8	18 6					
Stn.57	2.9.3	Wetland - Maintenance		15	13					
Stn.57	3.3.3	Exterior Concrete Paving - Repair		6	2		\$3,492			
Stn.57	6.1.2	Garbage Bin Enclosure - Contingency		20	18		+-,			
Stn.57	6.4.5	Brick Siding - Maintenance		20	8					
Stn.57	7.3.2	Gutters & Downspouts - Replace		20	11					
Stn.57	7.4.7	Metal Roof - Replace		40	11					
Stn.57	7.4.8	Roof Inspection & Minor Repair		5	5					\$3,582
Stn.57	8.2.8	Common Doors & Hardware - Maintenance		10	10					
Stn.57	8.2.6	Overhead Bay Door - Replace		20	8					
Stn.57 Stn.57	8.2.7 8.3.3	Bay Door Operator - Contingency Storefront System - Maintenance		20 10	18					
Stn.57 Stn.57	8.5.2	Aluminum Framed Windows - Replace		45	16					
Stn.57	9.8.5	Front Entry Steel Framed Structure - Paint		10	2		\$2,453			
Stn.57		Exterior Signage - Refurbish		15	10					
Stn.57	11.4.3	Kitchen Equipment - Contingency		5	6					
Stn.57	11.6.4	Laundry Equipment - Contingency		5	3			\$3,707		
Stn.57	11.6.5	Station Extractor - Bunker Gear Washer		12	5					\$10,500
Stn.57	11.8.2	Air Compressor - Replace		12	11					
Stn.57	12.3.1	Interior Concrete Floor - Refurbish		25	24					
Stn.57 Stn.57	12.3.2	Apparatus Bay - Refurbish Hallway & Stairwell Walls & Ceiling - Paint		10 25	10 10					
Stn.57 Stn.57	12.3.4	Front Reception Desk & Office - Remodel		10	11					
Stn.57		Kitchen - Remodel		10	10					
Stn.57	12.3.6	Day / Dining Room - Remodel		15	10					
Stn.57	12.3.7			20	8					
Stn.57		Exercise Room - Refurbish		15	14					
Stn.57		Locker & Restroom - Refurbish		15	5					\$2,388
Stn.57		Laundry & Utility Room - Refurbish		10	8				¢ = 700	
Stn.57		Plumbing System - Contingency		10	4		¢0 770		\$5,796	
Stn.57 Stn.57		Irrigation System - Contingency Fire Detection System - Maintenance		5 15	2		\$2,732			\$5,970
Stn.57 Stn.57		Wet & Dry Fire Sprinkler System - Contingency		10	8					40,070
Stn.57		Water Heater - Replace		15	2		\$8,645			
Stn.57		HVAC Units - Replace		15	6					
Stn.57		Furnace - Replace		10	4				\$15,933	
Stn.57		Infrared Overhead Heaters - Replace		10	8					
Stn.57		Exhaust Fans - Contingency		5	3			\$4,899		
Stn.57		Electrical System - Contingency		20	8					
		Emergency Generator - Contingency		20	18	¢0.010				
Stn.57 Stn.57		Exterior Light Fixtures - Replace Fire Control Panel - Replace		15 20	1	\$2,912				
Stn.57 Stn.57	18.1.2	Security / Surveillance System - Upgrade		10	8	\$15,902				
		TOTAL ANTICIPATED ANNUAL RESERVE	EXPENSES	.0		\$175,884	\$60,202	\$127,204	\$284,008	\$108,732
		ACCUMULATE	D CREDITS			\$710,894	\$734,754	\$882,107	\$968,358	\$904,181
		ACCUMULAT				\$175,884	\$60,202	\$127,204	\$284,008	\$108,732
		YEAR-END			44	\$535,010	\$674,552	\$754,903	\$684,350	\$795,449
		YEARS CONTRIBUTION INFLATION	<u>1</u> 0%	2-10 3%	<b>11-30</b> 4%	1(2022) 0%	2 (2023 ) 3%	3 (2024 ) 3%	4 (2025 ) 3%	5 (2026) 3%
		COMPONENT COMPOUND INFLATION	4%	3%	4%	104%	107%	110%	114%	117%
		INTEREST RATE MULTIPLIER	0.5%	2%	3%	1%	2%	2%	2%	2%

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30-YEAR RESERVE STUDY PROJECTIONS WITH STARTING RECOMMENDED FUNDING OF \$182,300 AND COMPOUND INFLATION

ACCUMULATED CREDITS \$10.23.006         \$17.13.08         \$13.88.722         \$13.48.73           -         COMPONENT NAME         CVCLE         MAINT.         2027         2028         2039         9           3018         2.41         Concrete - Repaint Stalls & Curus         10         3         1         2020         2	_		ANNUA	ARTING RESERV L RESERVE CON IMATED INTERE SPECIAL AS	ITRIBUTION		\$933,772 \$217,676 \$19,870 \$0	\$1,073,117 \$224,206 \$21,449 \$0	\$1,093,261 \$230,932 \$21,238 \$0	<b>16-Nov-21</b> \$1,051,801 \$237,860 \$22,117 \$0
I         COMPONENT NAME         CVCIE         MAINT         2027         2028         2029         2030           Stan5         242         Concrete - Repaint Stalls & Curbs         10         1									\$1,345,432	\$1,311,778
Sins         2.42         Concrete - Replace         10         3           58.53         2.42         Concrete - Replace         30         19           58.63         2.27         Drefinished Metal Fence - Replace         30         19           58.63         2.27         Drefinished Metal Fence - Replace         30         1         \$2.086           58.63         2.27         Gate Operator - Maintenance         8         6         \$3.1           58.63         2.20         Concrete Valkways - Replan         6         1         \$2.086           58.63         2.20         Concrete Valkways - Replan         6         1         \$2.086           58.63         C21         Pedetal Faver - Maintenance         80         6         \$3.84.4           58.64         Rest Restal Faver - Maintenance         20         9         \$12.2           58.64         Rest Restal Faver - Maintenance         20         9         \$12.2           58.67         Restal Faver - Maintenance         20         9         \$12.2           58.67         Restal Side - Replace         30         19         \$12.2           58.78         Restal Sourt - Replace         30         19         \$2.4		#	COMPONENT NAME							10 2031
Sthall         242         Concrete Repaint Stells & Curbis         10         1           Sthall         227         Prefinished Metal Fence & Replace         30         3           Sthall         223         Get Operator - Maintenance         30         3           Sthall         223         Get Operator - Maintenance         3         1         52.065           Sthall         231         Mondospin - Maintenance         8         6         518.434           Sthall         231         Concrete Walkways - Repain         6         1         4           Sthall         621         Replace Maintenance         30         19         5           Sthall         621         Replace Maintenance         30         19         5         5           Sthall         621         Replace Maintenance         30         19         5         5         24         5         5         7         5         7         5         7         5         7         5         7         5         7         5         7         5         7         5         7         5         7         5         7         5         7         5         7         5         7	Stn.51					2027	2020	2029	2030	2031
Sn.81         22.2         Prefinited Metal Fance & Gate Jamba         10         3           Sn.81         22.4         Gate Operator - Maintenance         10         3           Sn.81         24.1         Mood Benches - Maintenance         86         6           Sn.81         24.1         Landscaping - Maintenance         86         6         10           Sn.81         Sc.2         Carcorator Relating Walls - Repair         15         4           Sn.81         Sc.2         Carcorator Relating Walls - Repair         15         4           Sn.81         Sc.2         CAT Compress Relating Walls - Repair         20         9         512.3           Sn.81         Sc.2         CVC Thermoplastic Membrane - Replace         30         19         512.4           Sn.81         Sc.2         CVC Wall Nuther Areplace         30         19         512.4           Sn.81         Sc.2         CVC Wall Nuther Areplace         30         19         512.4           Sn.81         YAL         Low Sloped Smooth Roof - Replace         30         19         512.4           Sn.81         YAL         Low Sloped Smooth Roof - Replace         30         19         515.4           Sn.81         YAL         C	Stn.51									
Str.8         22.3         Gate Operator - Maintenance         3         1         52.086           518.8         22.8         Landscaping - Maintenance         10         3         518.4.4         56.904           518.8         33.1         Concrete Nationance         15         4         56.904           518.8         33.2         Carcto Valkayes - Repair         15         4         56.904           518.6         Car Concrete Nationance         30         19         51.91         51.91           518.6         Car Concrete Nationance         20         9         51.92         51.91           518.6         CAU VV Thermoplatic Membrane - Replace         15         4         4         51.91           518.7         Cast Suppers, Guttre & Bolizee         15         4         4         51.91           518.7         Cast Suppers, Guttre & Bolizee         30         19         51.91         51.91           518.7         Cast Suppers, Guttre & Bolizee         30         19         51.91         51.91           518.7         Cast Suppers, Guttre & Bolizee         30         19         51.91         51.91           518.7         Cast Suppers, Guttre & Bolizee & Suppers, Guttre & Suppers         51.91	Stn.51	2.7.1	Prefinished Metal Fence - Replace	30	19					
Sins 2         2.81         Wood Banches - Maintenance         10         3           Sins 2         Landscaping - Maintenance         8         6         1           Sins 3         Concrete Walkways - Repair         6         1         5           Sins 3         Carconce Restaining Walls - Repair         15         4         5           Sins 6         Carconce Restaining Walls - Repair         15         4         5           Sins 6         Carconce Restain Paver - Maintenance         20         9         \$12.2           Sins 6         Carconce Restain Paver - Maintenance         20         9         \$12.3           Sins 6         Carconce Restain Jown - Nationano - Replace         30         19         \$12.3           Sins 7         Carconce Restain Jown - Replace         30         19         \$12.3           Sins 7         Nationano - Replace         30         19         \$13.3           Sins 7         Superstribule Roof - Replace         30         19         \$13.3           Sins 7         Superstribule Roof - Replace         30         19         \$13.3           Sins 7         Superstribule Roof - Replace         30         19         \$13.4           Sins 8         Superstribule Roof	Stn.51	2.7.2	Prefinished Metal Fence & Gates - Maintenance	10	3					
Bins         2.31         Landscaping - Maintenance         8         6         \$18,434           Sins         3.32         Cast Concrete Retaining Walls - Repair         15         4           Sins         6.11         Garbage Bin Enclosure - Repair         15         4           Sins         6.21         DecissI Paver - Maintenance         30         19           Sins         6.22         Over Therroglesite Kembrane - Replace         30         19           Sins         6.42         Over Therroglesite Kembrane - Replace         30         19           Sins         6.44         Mela Siding - Replace         35         24           Sins         7.42         Curv Singed Sinder Root - Replace         30         19           Sins         7.43         Curv Singed Sinder Root - Replace         30         19           Sins         7.43         Curv Singed Sinder Root - Replace         30         19           Sins         7.42         Curv Singed Sinder Root - Replace         30         19           Sins         7.43         Curv Singed Sinder Root - Replace         30         19           Sins         7.44         Apparatus Bay Heial Root - Replace         30         19           Sins	Stn.51	2.7.3	Gate Operator - Maintenance				\$2,086			\$2,280
Sn.31         Concrete Walkways - Repair         6         1         \$5,004           Sn.31         S.32         Cack Concrete Repair         15         4           Sn.31         Garbage Bin Enclosure - Repair         15         4           Sn.31         Garbage Bin Enclosure - Repair         15         4           Sn.31         Garbage Bin Enclosure - Repair         10         10           Sn.35         G4.3         Erck Siding - Maintenance         20         9         \$12.0           Sn.35         G4.3         Erck Cack Concrete Maintenance         20         9         \$12.0           Sn.35         G4.4         Metal Siding - Replace         35         24         \$12.0           Sn.35         Scuped Smoth Roof - Replace         30         19         \$12.0           Sn.37         Tower Composition Shingles - Replace         30         19         \$13           Sn.37         Tower Composition Shingles - Replace         30         19         \$13           Sn.37         Tower Composition Shingles - Replace         30         19         \$16,156           Sn.37         Tower Composition Shingles - Replace         30         19         \$16,156           Sn.38         R22         Overhe										
Sh.30         Sh.32         Cast Concrete Retaining Walls - Repair         15         4           Sh.30         Sin Garbage Bin Enclosure - Replace         30         10           Sh.30         Sin Garbage Bin Enclosure - Replace         30         10           Sh.30         Sin Garbage Bin Enclosure - Replace         30         10           Sh.30         Garbage Bin Enclosure - Replace         30         10           Sh.31         Filer Cement Board Siding - Replace         20         9         \$12.0           Sh.31         Sealert Johnts - Replace         10         1         1         \$12.1           Sh.33         Status Frequencia         30         119         \$12.1         \$12.1           Sh.33         Y.41         Low Sioped Shows Rof - Replace         30         119         \$13.5           Sh.33         Y.43         Tower Metal Rof - Replace         30         19         \$13.5           Sh.35         Y.44         Tower Metal Rof - Replace         30         19         \$13.5           Sh.35         Y.44         Cowrised Bay Door 3 Hardware - Replace         30         19         \$13.5           Sh.35         St.35         Correres Siding - Maintenance         5         1         \$4.4						\$18,434				
Sh.10         Garbage Bin Enclosure - Replace         15         4           Sh.20         C2         PVC Thermoplastic Membrane - Replace         30         19           Sh.30         G4.3         Erkk Siding - Maintenance         20         9         \$12.2           Sh.30         G4.4         Erkk Siding - Maintenance         20         9         \$12.2           Sh.30         G4.4         Erker Coment Board Siding - Replac         10         1         \$72.3           Sh.30         G4.4         Metal Siding - Replace         35         24         \$72.3           Sh.30         F.44         Replace Metal Root - Replace         30         19         \$73.1           Sh.30         T.44         Tower Composition Shingles - Replace         30         19         \$7.94           Sh.30         T.44         Tower Composition Shingles - Replace         30         19         \$7.94           Sh.31         T.45         Roof Inspecton & Minor Replace         30         19         \$7.94           Sh.51         Z.4         Coling Buy Doors & Hardware - Replace         30         19         \$7.94           Sh.51         S.2         Overhead By Doors & Hardware - Replace         30         19         \$7.94							\$6,904			
51.9         62.1         Pedetail Paver - Maintenance         30         19           51.9         62.2         PVC Thermoplastic Membrane - Replace         20         9         \$12.9           51.9         64.2         CVC Thermoplastic Membrane - Replace         20         9         \$12.9           51.9         64.2         CVC Wall - Tuck Point         20         9         \$12.9           51.9         51.4         Metal Sling - Replace         35         24.4         \$15.7           51.9         Suppers, Gutter & Downsports - Replace         30         19         \$15.7           51.9         Suppers, Gutter & Downsports - Replace         30         19         \$15.7           51.9         Tats - Tower Metal Root - Replace         30         19         \$15.7           51.9         Tats - Root Root Root - Replace         30         19         \$15.7           51.9         Tats - Root Root Root Root Root Root Root Ro										
Sh.59         6.41         PVC Thermoplastic Membrane - Replace         30         19           Sh.59         6.41         Brick Siding - Maintenance         20         9         \$12,3           Sh.59         6.42         CHU Wall - Tuck Point         20         9         \$12,3           Sh.59         6.44         Metal Siding - Replace         35         24         \$12,5           Sh.59         7.11         Scupers, Gutters & Downspout - Replace         30         19           Sh.59         7.11         Low Sloped Sinoch Roof - Replace         30         19           Sh.59         7.42         Low Sloped Sinoch Roof - Replace         30         19           Sh.59         7.44         Tower Compose R Hardware - Replace         50         33           Sh.59         7.45         Roof Inspection & Minor Replace         50         33           Sh.59         7.44         Tower Compose & Hardware - Replace         50         19           Sh.59         8.22         Overhad Bay Door & Hardware - Replace         50         19           Sh.59         8.22         Overhad Bay Door & Hardware - Replace         50         19           Sh.59         8.22         Overhad Bay Door A Hardware - Replace         50	-									
5n.5         6.4.1         Brick Siding - Maintenance         20         9         \$12.3           5n.5         6.4.3         Fiber Comment Board Siding - Repaire         10         1         \$12.3           5n.5         6.4.4         Heart Siding - Replace         35         2.4         \$12.3           5n.5         7.41         Sealant Joints - Replace         30         19         \$12.3           5n.5         7.41         Low Sloped Ribbad Roof - Replace         30         19         \$12.3           5n.5         7.41         Low Sloped Ribbad Roof - Replace         30         19         \$12.3           5n.5         7.41         Low Sloped Ribbad Roof - Replace         30         19         \$12.3           5n.5         7.43         Roof Inspection & Minor Repair         5         2         \$17.94           5n.5         7.44         Roof Inspection & Minor Repair         5         2         \$16.156           5n.5         2.2         Overhead Bay Door & Hardware - Maintenance         5         2         \$16.156           5n.5         2.2         Overhead Bay Door Operot - Contringency         5         2         \$16.156           5n.5         2.3         Storefront System - Neintenance         15<										
Sn.5         6.4.2         CHU Wall - Tuck Point         20         9         \$72.1           Sn.5         6.4.4         Metal Siding - Replace         35         24           Sn.5         7.11         Scupper, Gutters & Downspouts - Replace         30         19           Sn.5         7.11         Low Sloped Ribbac Roof - Replace         30         19           Sn.5         7.41         Low Sloped Ribbac Roof - Replace         30         19           Sn.5         7.43         Tower Heal Roof - Replace         30         19           Sn.5         7.43         Tower Heal Roof - Replace         30         19           Sn.5         7.44         Tower Heal Roof - Replace         40         29           Sn.5         7.44         Overheal Bay Doors & Hardware - Maintenance         5         2         \$6,967           Sn.5         8.24         Overhead Bay Door S & Hardware - Replace         50         19         \$15.5           Sn.5         8.25         Doors & Hardware - Replace         50         19         \$4.401           Sn.5         8.25         Doors & Hardware - Replace         60         50         \$11           Sn.5         8.25         Doors & Hardware - Replace         60									\$12,950	
Sn.5         6.4.4         Metal Siding - Replace         35         24           Sn.5         7.11         Scuppers, Gutters & Downspouts - Replace         30         19           Sn.5         7.11         Low Sloped Smooth Roof - Replace         30         19           Sn.5         7.41         Tower Composition Shingles - Replace         30         19           Sn.5         7.41         Tower Main Roof - Replace         30         19           Sn.5         7.41         Tower Main Roof - Replace         30         19           Sn.5         7.41         Tower Main Roof - Replace         30         19           Sn.5         7.45         Apparatus Bay Metal Roof - Replace         30         19           Sn.5         7.45         Apparatus Bay Metal Roof - Replace         30         19           Sn.5         2         Scoferd         5         2         \$6,967           Sn.5         2.20         Verthead Bay Door Operator - Contingency         5         2         \$16,156           Sn.5         8.25         Doors & Hardware - Maintenance         5         1         \$24,401           Sn.5         8.31         Coling Door - Maintenance         6         1         \$27,692 <tr< th=""><th></th><th>6.4.2</th><th>-</th><th></th><th></th><th></th><th></th><th></th><th>\$72,196</th><th></th></tr<>		6.4.2	-						\$72,196	
Sns.5         7.11         Sealant Joints - Replace         15         41           Stn.5         7.13         Low Sloped Ribbed Roof - Replace         30         19           Stn.5         7.14         Low Sloped Ribbed Roof - Replace         30         19           Stn.5         7.14         Low Sloped Ribbed Roof - Replace         30         19           Stn.5         7.45         Tower Composition Shingles Replace         50         39           Stn.5         7.45         Tower Composition Shingles Replace         50         39           Stn.5         7.46         Roof Inspection & Minor Repair         5         3         \$5.974.5           Stn.5         8.26         Overheed Bay Doors & Hardware - Maintenance         50         19         \$5.16.156           Stn.5         8.23         Overheed Bay Door Qeator - Contingency         5         5         2         \$6.05           Stn.5         8.25         Storefront System - Maintenance         15         4         \$5.16.25           Stn.5         8.25         Storefront System - Replace         60         \$50           Stn.5         8.25         Colars & Hardware - Maintenance         12         1           Stn.5         8.25         Conaret st	Stn.51	6.4.3	Fiber Cement Board Siding - Repair	10	1					
Sn.5         7.31         Scuppers, Gutters & Downspouts - Replace         30         19           Sn.5         7.42         Low Sloped Smooth Roof - Replace         30         19           Sn.5         7.43         Tower Composition Singles - Replace         30         19           Sn.5         7.44         Tower Metal Roof - Replace         30         19           Sn.5         7.44         Tower Metal Roof - Replace         30         19           Sn.5         7.45         Apparatus Bay Metal Roof - Replace         30         19           Sn.5         7.46         Roof Inspection & Minor Repair         5         3         \$5.994           Sn.5         2.0         Overhead Bay Doors & Hardware - Replace         30         19         \$5.5           Sn.5         8.23         Overhead Bay Doors & Hardware - Replace         50         19         \$5.5           Sn.5         8.25         Doors & Hardware - Maintenance         5         1         \$4.401           Sn.5         8.25         Doors & Hardware - Maintenance         15         4         \$5.5           Sn.5         8.31         Aluminum Windows - Replace         40         29         \$5.5           Sn.5         8.44         Fiber Come	Stn.51	6.4.4		35	24					
Sn5.5       7.41       Low Sloped Ribbed Roof - Replace       30       19         Sn5.5       7.42       Tower Composition Shingles - Replace       30       19         Sn5.5       7.43       Tower Composition Shingles - Replace       30       19         Sn5.5       7.45       Tower Metal Roof - Replace       30       19         Sn5.5       7.45       Roof Inspection & Minor Repair       50       39         Sn5.5       7.46       Roof Inspection & Minor Repair       50       30       19         Sn5.5       7.46       Roof Inspection & Minor Repair       50       19       516,156         Sn5.5       8.20       Overheed Bay Doors & Hardware - Replace       30       19       516,156         Sn5.5       8.20       Overheed Bay Door Operator - Contingency       5       2       \$16,156         Sn5.8       8.25       Storefront System - Replace       60       20       57,592         Sn5.8       8.31       Aluminum Windows - Replace       60       1       \$27,692         Sn5.9       8.31       Aluminum Windows - Replace       6       4       58.51         Sn5.9       8.41       Periode       25       14         Sn5.9       Store	Stn.51	7.1.1	Sealant Joints - Replace							
Sh.51         7.42         Low Sloped Smooth Roof - Replace         30         19           Sh.51         7.44         Tower Ompstiton Shingles - Replace         30         19           Sh.51         7.45         Apparatus Bay Metal Roof - Replace         40         29           Sh.51         7.45         Apparatus Bay Metal Roof - Replace         50         33         \$7.994           Sh.51         7.46         Roof Inspection & Minor Replace         50         19         \$7.994           Sh.51         8.20         Overheed Bay Doors & Hardware - Maintenance         50         19         \$1.6156           Sh.51         8.23         Overheed Bay Doors & Hardware - Maintenance         50         19         \$1.6156           Sh.51         8.24         Colling Door Maintenance         50         19         \$4.401           Sh.51         8.31         Storefront System - Maintenance         50         19         \$27.692           Sh.51         8.32         Storefront System - Maintenance         12         1         \$27.692           Sh.51         9.82         Concrete Siding - Maintenance         12         1         \$28.40           Sh.51         9.84         Fiber Cement Board Siding - Caulk R Palnt         8 <t< th=""><th>Stn.51</th><th>7.3.1</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>	Stn.51	7.3.1								
Sn.51       7.43       Tower Composition Shingles - Replace       30       19         Sn.51       7.45       Apparatus Bay Metal Roof - Replace       50       39         Sn.51       7.45       Apparatus Bay Metal Roof - Replace       50       39         Sn.51       7.45       Apparatus Bay Metal Roof - Replace       50       39         Sn.51       7.45       Roof Inspection & Minor Repair       5       3       \$7.994         Sn.51       8.21       Overhead Bay Doors & Hardware - Replace       30       19       \$16,156         Sn.51       8.22       Overhead Bay Door Operator - Contingency       5       2       \$16,156         Sn.51       8.23       Storefront System - Maintenance       5       1       \$27,692         Sn.51       8.23       Storefront System - Maintenance       6       1       \$27,692         Sn.51       8.33       Exterior Standard - Maintenance       6       4       \$27,692         Sn.51       9.84       Fiber Cement Board Siding - Caulk & Plant       8       1       \$27,692         Sn.51       9.83       Exterior Standard - Maintenance       6       4       1       \$27,692         Sn.51       9.84       Fiber Cement Board Siding - Caul										
Sh:51       7.44       Tower Metai Roof - Replace       50       39         Sh:51       7.46       Roof Inspection & Minor Repair       5       3       \$7,994         Sh:51       7.46       Roof Inspection & Minor Repair       5       2       \$6,967         Sh:51       8.21       Folding Bay Doors & Hardware - Maintenance       5       2       \$6,967         Sh:51       8.22       Overhead Bay Door Operator - Contingency       5       2       \$10         Sh:51       8.22       Overhead Bay Door S & Hardware - Maintenance       50       19       \$4,401         Sh:51       8.25       Doors & Hardware - Maintenance       50       1       \$4,401         Sh:51       8.25       Storefront System - Maintenance       15       4          Sh:51       9.32       Storefront System - Maintenance       12       1       \$27,692         Sh:51       9.32       Concrete Siding - Maintenance       12       1       \$27,692         Sh:51       9.32       Concrete Siding - Maintenance       12       1       \$27,692         Sh:51       9.32       Concrete Siding - Cault& Palne       8       1       \$28,450         Sh:51       9.44       Fiber Cament Boa	-									
Sn53       7.45       Apparatus Bay Metal Roof - Replace       40       29         Sn53       7.46       Roof Inspection & Minor Repair       5       3       \$7,994         Sn53       8.21       Folding Bay Doors & Hardware - Maintenance       5       2       \$6,967         Sn53       8.22       Overhead Bay Doors & Hardware - Maintenance       30       19       \$16,156         Sn53       8.25       Overhead Bay Door Operator - Contingency       5       2       \$16,156         Sn53       8.25       Doors & Hardware - Maintenance       5       1       \$4,401         Sn53       8.25       Doors & Hardware - Maintenance       6       50       50         Sn53       8.25       Storefront System - Replace       400       29       \$4,401         Sn53       8.25       Concrete Siding - Maintenance       12       1       \$27,692         Sn53       9.83       Cedar Wood Siding - Caulk & Paint       8       1       \$28,490         Sn53       10.41       Exterior Signage - Refurbish       10       2       \$28,690         Sn53       10.51       Exterior Mail Pedestal Unit - Replace       25       14       \$16,159         Sn53       10.61       Exter										
Sh51         7.4.6         Roof Inspection & Minor Repair         5         3         \$7,994           Sh51         8.21         Folding Bay Doors & Hardware - Replace         30         19           Sh51         8.22         Overhead Bay Door Operator - Contingency         5         2         \$16,156           Sh51         8.23         Colling Doors & Hardware - Maintenance         30         19           Sh51         8.24         Colling Doors & Hardware - Maintenance         5         1         \$4,401           Sh51         8.23         Storefront System - Maintenance         15         4         \$27,692           Sh51         8.33         Storefront System - Maintenance         60         50         \$27,692           Sh53         9.84         Fiber Cement Board Siding - Gaulk & Paint         8         1         \$27,692           Sh53         9.84         Fiber Cement Board Siding - Gaulk & Paint         8         1         \$28,40           Sh53         10.41         Exterior Signage - Refurbish         10         2         \$28,690           Sh53         11.1         Propane Forklift - Replace         20         8         \$528,690           Sh53         11.3         Admini Yethen Equipment - Contingency <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>										
Stn5         8.21         Folding Bay Doors & Hardware - Replace         30         19           Stn58         8.22         Overhead Bay Door S & Hardware - Replace         30         19           Stn58         8.23         Overhead Bay Door Chaitneance         30         19           Stn58         8.24         Colling Door - Maintenance         30         19           Stn58         8.25         Doors & Hardware - Maintenance         15         4           Stn58         8.23         Storefront System - Replace         60         50           Stn58         8.31         Storefront System - Replace         40         527,692           Stn59         9.83         Coder Wood Siding - Maintenance         6         1         \$27,692           Stn59         9.83         Exterior Stall - Maintenance         6         4            Stn59         9.84         Exterior Singae - Refurbish         10         2         \$28,690           Stn51         10.51         Exterior Singae - Refurbish         10         2         \$4,873           Stn51         11.41         Adminum Kitchen Equipment - Contingency         5         3         \$48,473           Stn51         11.41         Admini Kitchen Equipment - Con								¢7.00.4		
Sn.51         82.2         Overhead Bay Door & Hardware - Replace         30         19           Sn.51         82.3         Overhead Bay Door Operator - Contingency         5         2         \$16,156           Sn.51         82.4         Colling Door - Maintenance         5         1         \$4,401           Stn.51         82.5         Doors & Hardware - Maintenance         5         1         \$4,401           Stn.51         83.5         Storefront System - Replace         60         50         \$51           Stn.51         9.8.1         Cedar Wood Sking - Maintenance         12         1         \$27,692           Stn.51         9.8.2         Concrete Siding - Maintenance         6         4         \$28,690           Stn.51         9.8.4         Exterior Steel - Maintenance         20         8         \$28,690           Stn.51         10.41         Exterior Steel - Maintenance         20         8         \$28,690           Stn.51         10.41         Admin Kitchen Equipment - Contingency         10         6         \$6,149           Stn.51         11.4         Admin Kitchen Equipment - Contingency         5         3         \$4,873           Stn.51         11.4         Admin Commo Areas - Replace <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th>\$6.967</th><th>\$7,994</th><th></th><th></th></td<>							\$6.967	\$7,994		
Sh.51         8.2.3         Overhead Bay Door Operator - Contingency         5         2         \$16,156           Sh.51         8.2.4         Colling Door - Maintenance         30         19           Sh.51         8.2.5         Doors & Hardware - Maintenance         15         4           Sh.51         8.3.1         Storefront System - Maintenance         60         50           Sh.51         8.51         Aluminum Windows - Replace         60         29           Sh.51         9.81         Cedar Wood Siding - Maintenance         6         1         \$27,692           Sh.51         9.83         Exterior Signage - Refurbish         10         2         1           Sh.51         9.84         Fiber Cament Board Siding - Maintenance         6         4         1           Sh.51         9.83         Exterior Signage - Refurbish         10         2         1         \$28,4           Sh.51         10.51         Exterior Signage - Refurbish         10         2         14         \$28,4           Sh.51         11.4         Admin Kitchen Equipment - Contingency         5         3         \$28,690           Sh.51         11.4         Admin Kitchen Equipment - Contingency         5         3         \$4,873 </th <th>-</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>\$0,507</th> <th></th> <th></th> <th></th>	-						\$0,507			
Sn.51       82.4       Colling Door - Maintenance       30       19         Sn.51       82.5       Doors & Hardware - Maintenance       5       1         Sn.51       82.5       Doors & Hardware - Maintenance       5       1         Sn.51       83.3       Storefront System - Replace       60       50         Sn.51       83.1       Aluminum Windows - Replace       60       50         Sn.51       9.81       Cedar Wood Siding - Maintenance       12       1         Sn.51       9.82       Concrete Siding - Maintenance       12       1         Sn.51       9.82       Exterior Sinage - Refurbish       10       2         Sn.51       10.41       Exterior Sinage - Refurbish       10       2         Sn.51       10.41       Exterior Sinage - Refurbish       10       2         Sn.51       10.41       Exterior Sinage - Refurbish       10       6         Sn.51       11.41       Popane Forkilf - Replace       20       8       \$28,690         Sn.51       11.41       Admin Kitchen Equipment - Contingency       10       6       \$6,149         Sn.51       11.41       Admin Kitchen Equipment - Contingency       15       3       \$4,873							\$16.156			
Sn.51         82.5         Doors & Hardware - Maintenance         5         1         \$4.401           Sn.51         8.31         Storefront System - Maintenance         15         4           Sn.51         8.32         Storefront System - Replace         400         229           Sn.51         8.11         Cedar Wood Siding - Maintenance         6         1         \$27,692           Sn.51         9.82         Concrete Siding - Maintenance         6         4         \$28,600           Sn.51         9.84         Fiber Coment Board Siding - Aulik & Paint         8         1         \$28,600           Sn.51         10.41         Exterior Signage - Refurbish         100         2         \$28,40           Sn.51         10.41         Exterior Main Pedice         20         8         \$28,690           Sn.51         11.4         Admin Kitchen Equipment - Contingency         10         6         \$6,149           Sn.51         16.1         Laundry Equipment - Contingency         5         3         \$19,557           Sn.51         16.2         Unimac Geer Extractor - Replace         12         1         \$4,873           Sn.51         18.11         Alr Compressor System - Replace         15         4										
Stn.51         8.3.2         Storefront System - Replace         60         50           Stn.51         8.5.1         Aluminum Windows - Replace         40         29           Stn.51         9.8.2         Concrete Siding - Maintenance         12         1           Stn.51         9.8.2         Concrete Siding - Maintenance         6         4           Stn.51         9.8.3         Exterior Steel - Maintenance         6         4           Stn.51         9.8.4         Fiber Crement Board Siding - Caulk & Paint         8         1         \$28.4           Stn.51         10.4.1         Exterior Signage - Refurbish         10         2         \$28.4           Stn.51         10.5.1         Exterior Mail Pedestal Unit - Replace         25         14         \$28.690           Stn.51         11.4.1         Admin Kitchen Equipment - Contingency         5         3         \$28.690           Stn.51         11.4.2         Duty Crew Kitchen Equipment - Contingency         5         3         \$4.873           Stn.51         11.4.2         Duty Crew Kitchen Equipment - Contingency         5         3         \$4.873           Stn.51         11.6.2         Unimac Gear Extractor - Replace         12         1         \$4.873	Stn.51	8.2.5		5	1	\$4,401				
Stn.51         8.5.1         Aluminum Windows - Replace         40         29           Stn.51         9.8.1         Cedar Wood Siding - Maintenance         6         1         \$27,692           Stn.51         9.8.2         Concrete Siding - Maintenance         6         4            Stn.51         9.8.4         Fiber Cement Board Siding - Caulk & Paint         8         1         \$28,4           Stn.51         9.8.4         Fiber Cement Board Siding - Caulk & Paint         8         1         \$28,4           Stn.51         10.5.1         Exterior Signage - Refurbish         10         2         \$28,690           Stn.51         11.11         Propane Forklift - Replace         20         8         \$28,690           Stn.51         11.4.2         Duty Crew Kitchen Equipment - Contingency         5         3         \$4,873           Stn.51         11.4.2         Unimac Gear Extractor - Replace         12         1         \$4,873           Stn.51         16.2         Unimac Gear Extractor - Replace         12         1         \$4,873           Stn.51         16.2         Unimac Gear Extractor - Replace         12         1         \$51,51           Stn.51         12.1         Aparatus Bay - Refurbish	Stn.51	8.3.1	Storefront System - Maintenance	15	4					
Stn.51         9.8.1         Cedar Wood Siding - Maintenance         6         1         \$27,692           Stn.51         9.8.2         Concrete Siding - Maintenance         12         1         -           Stn.51         9.8.4         Fiber Cement Board Siding - Caulk & Paint         8         1         \$28,4           Stn.51         9.8.4         Fiber Cement Board Siding - Caulk & Paint         8         1         \$28,4           Stn.51         10.41         Exterior Signage - Refurbish         10         2         \$28,4           Stn.51         11.11         Propane Forklift - Replace         20         8         \$28,690           Stn.51         11.41         Admin Kitchen Equipment - Contingency         10         6         \$6,149           Stn.51         11.61         Laundry Equipment - Contingency         5         3         \$19,557           Stn.51         11.61         Laundry Equipment - Contingency         5         3         \$4,873           Stn.51         10.62         Unimac Gear Dryer - Replace         12         1         \$4           Stn.51         11.81         Alr Compressor System - Replace         15         4         \$5           Stn.51         12.13         Exercise Room - Refurbis	Stn.51	8.3.2	Storefront System - Replace	60						
Stn.51         9.8.2         Concrete Siding - Maintenance         12         1           Stn.51         9.8.3         Exterior Steel - Maintenance         6         4           Stn.51         9.8.4         Fiber Coment Board Siding - Caulk & Paint         8         1         \$28.4           Stn.51         9.8.4         Fiber Coment Board Siding - Caulk & Paint         8         1         \$28.4           Stn.51         10.51         Exterior Signage - Refurbish         10         2         \$28.4           Stn.51         10.51         Exterior Mail Pedestal Unit - Replace         25         14         \$28.690           Stn.51         11.41         Admin Kitchen Equipment - Contingency         5         3         \$19.557           Stn.51         11.62         Unimac Gear Extractor - Replace         12         1         \$4.873           Stn.51         11.63         Ramair Gear Dryer - Replace         12         1         \$4.873           Stn.51         11.63         Ramair Gear Dryer - Replace         12         1         \$4.173           Stn.51         11.63         Ramair Gear Dryer - Replace         12         1         \$4.173           Stn.51         12.12         Admin Common Areas - Repaint         16										
Stn.51         98.3         Exterior Steel - Maintenance         6         4           Stn.51         99.4         Fiber Cement Board Siding - Caulk & Paint         8         1         \$28.4           Stn.51         10.41         Exterior Signage - Refurbish         10         2         \$28.4           Stn.51         10.51         Exterior Mail Pedestal Unit - Replace         25         14         \$28.690           Stn.51         11.11         Propane Forklift - Replace         20         8         \$28,690           Stn.51         11.42         Duty Crew Kitchen Equipment - Contingency         5         3         \$19,557           Stn.51         11.61         Laundry Equipment - Contingency         5         3         \$4,873           Stn.51         11.61         Laundry Equipment - Contingency         5         3         \$4,873           Stn.51         11.61         Laundry Equipment - Contingency         5         3         \$4,873           Stn.51         11.61         Admin Compressor System - Replace         12         1         \$4           Stn.51         12.14         Apparatus Bay - Refurbish         25         14         \$5           Stn.51         12.14         Bunk Gear Storage - Refurbish         <			-				\$27,692			
Stn.51       9.8.4       Fiber Cement Board Siding - Caulk & Paint       8       1       \$28,4         Stn.51       10.4.1       Exterior Signage - Refurbish       10       2         Stn.51       10.5.1       Exterior Signage - Refurbish       10       2         Stn.51       10.5.1       Exterior Mail Pedestal Unit - Replace       20       8       \$28,690         Stn.51       11.4.1       Admin Kitchen Equipment - Contingency       5       3       \$19,557         Stn.51       11.4.2       Duty Crew Kitchen Equipment - Contingency       5       3       \$4,873         Stn.51       11.6.2       Unimac Gear Extractor - Replace       12       1       \$4,873         Stn.51       11.6.2       Unimac Gear Extractor - Replace       12       1       \$4,873         Stn.51       11.6.3       Ramair Gear Dryer - Replace       12       1       \$4,873         Stn.51       12.1.4       Admin Common Areas - Repaint       16       5       5         Stn.51       12.1.4       Admin Gear Storage - Refurbish       20       9       \$4,4,0         Stn.51       12.1.4       Bunk Gear Storage - Refurbish       10       3       5       5         Stn.51       12.1.4			-							¢11 077
Stn.51       10.41       Exterior Signage - Refurbish       10       2         Stn.51       10.51       Exterior Mail Pedestal Unit - Replace       25       14         Stn.51       11.11       Propane Forklift - Replace       20       8       \$28,690         Stn.51       11.11       Propane Forklift - Replace       20       8       \$28,690         Stn.51       11.41       Admin Kitchen Equipment - Contingency       5       3       \$19,557         Stn.51       11.61       Laundry Equipment - Contingency       5       3       \$4,873         Stn.51       11.61       Calumbre Gear Extractor - Replace       12       1       \$4,873         Stn.51       11.61       Apparatus Bay - Refurbish       25       14       \$4,873         Stn.51       12.11       Apparatus Bay - Refurbish       20       9       \$4,01         Stn.51       12.12       Admin Common Areas - Repaint       16       5       \$4,01         Stn.51       12.13       Exercise Room - Refurbish       10       3       \$4,01         Stn.51       12.14       Bunk Gear Storage - Refurbish       15       6       \$24,583         Stn.51       12.15       Admin Offices - Refurbish       12 </th <th>-</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>\$29,406</th> <th>\$11,073</th>	-								\$29,406	\$11,073
Stn.51         10.5.1         Exterior Mail Pedestal Unit - Replace         25         14           Stn.51         11.11         Propane Forklift - Replace         20         8         \$28,690           Stn.51         11.41         Admin Kitchen Equipment - Contingency         10         6         \$6,149           Stn.51         11.42         Duty Crew Kitchen Equipment - Contingency         5         3         \$19,557           Stn.51         11.6.1         Laundry Equipment - Contingency         5         3         \$4,873           Stn.51         11.6.2         Unimac Gear Extractor - Replace         12         1         1           Stn.51         11.6.2         Unimac Gear Extractor - Replace         12         1         1           Stn.51         11.6.2         Unimac Gear Extractor - Replace         12         1         1           Stn.51         11.81         Alr Compressor System - Replace         15         4         1         1           Stn.51         12.12         Admin Common Areas - Repaint         16         5         1           Stn.51         12.14         Bunk Gear Storage - Refurbish         10         3         3           Stn.51         12.15         Admin Offices - Refurbish			-						\$20,490	
Stn.5i         11.11         Propane Forklift - Replace         20         8         \$28,690           Stn.5i         11.41         Admin Kitchen Equipment - Contingency         5         3         \$6,149           Stn.5i         11.42         Duty Crew Kitchen Equipment - Contingency         5         3         \$19,557           Stn.5i         16.1         Laundry Equipment - Contingency         5         3         \$4,873           Stn.5i         16.2         Unimac Gear Extractor - Replace         12         1         \$4,873           Stn.5i         16.3         Ramair Gear Dryer - Replace         12         1         \$4,873           Stn.5i         18.1         Alr Compressor System - Replace         12         1         \$4,873           Stn.5i         12.1         Admin Common Areas - Replate         15         4         \$4           Stn.5i         12.1.4         Bunk Gear Storage - Refurbish         20         9         \$4,4,0           Stn.5i         12.1.5         Admin Offices - Refurbish         10         3         \$5           Stn.5i         12.1.6         Lobby - Refurbish         12         1         \$24,583           Stn.5i         12.1.7         Public & Admin Restrooms - Refurbish										
Stn.51         11.4.1         Admin Kitchen Equipment - Contingency         10         6         \$6,149           Stn.51         11.4.2         Duty Crew Kitchen Equipment - Contingency         5         3         \$19,557           Stn.51         11.6.1         Laundry Equipment - Contingency         5         3         \$4,873           Stn.51         11.6.2         Unimac Gear Extractor - Replace         12         1         \$4,873           Stn.51         11.6.2         Unimac Gear Extractor - Replace         12         1         \$4,873           Stn.51         11.6.2         Unimac Gear Extractor - Replace         12         1         \$4,873           Stn.51         11.8.1         Air Compressor System - Replace         12         1         \$4           Stn.51         12.1.2         Admin Common Areas - Replace         15         4         \$4           Stn.51         12.1.3         Exercise Room - Refurbish         20         9         \$4,0           Stn.51         12.1.4         Bunk Gear Storage - Refurbish         16         5         \$5           Stn.51         12.1.6         Lobby - Refurbish         16         5         \$24,583           Stn.51         12.1.7         Public Meeting Room - Refurbi								\$28,690		
Stn.51         11.6.1         Laundry Equipment - Contingency         5         3         \$4,873           Stn.51         11.6.2         Unimac Gear Extractor - Replace         12         1           Stn.51         11.6.3         Ramair Gear Dryer - Replace         12         1           Stn.51         11.6.3         Ramair Gear Dryer - Replace         12         1           Stn.51         11.81         Alr Compressor System - Replace         15         4           Stn.51         12.11         Apparatus Bay - Refurbish         25         14           Stn.51         12.12         Admin Common Areas - Repaint         16         5           Stn.51         12.13         Exercise Room - Refurbish         20         9         \$4,0           Stn.51         12.14         Bunk Gear Storage - Refurbish         10         3         3           Stn.51         12.15         Admin Offices - Refurbish         16         5         5           Stn.51         12.17         Public & Admin Restrooms - Refurbish         12         1         \$24,583           Stn.51         12.20         Duty Crew Common Areas - Full Repaint         16         7         \$17,385           Stn.51         12.21         Duty Crew	Stn.51	11.4.1		10	6	\$6,149				
Stn.51       1.6.2       Unimac Gear Extractor - Replace       12       1         Stn.51       18.3       Ramair Gear Dryer - Replace       12       1         Stn.51       11.81       Air Compressor System - Replace       15       4         Stn.51       12.11       Apparatus Bay - Refurbish       25       14         Stn.51       12.12       Admin Common Areas - Repaint       16       5         Stn.51       12.13       Exercise Room - Refurbish       20       9       \$4,0         Stn.51       12.14       Bunk Gear Storage - Refurbish       10       3         Stn.51       12.15       Admin Offices - Refurbish       16       5         Stn.51       12.16       Lobby - Refurbish       16       5         Stn.51       12.17       Public & Admin Restrooms - Refurbish       16       5         Stn.51       12.18       Public & Admin Restrooms - Refurbish       12       1         Stn.51       12.22       Duty Crew Common Areas - Full Repaint       16       7       \$17,385         Stn.51       12.22       Duty Crew Sleep Room Interiors - Refurbish       10       3       3         Stn.51       12.24       Duty Crew Kitchen Interiors - Refurbish <td< th=""><th>Stn.51</th><th>11.4.2</th><th>Duty Crew Kitchen Equipment - Contingency</th><th>5</th><th>3</th><th></th><th></th><th>\$19,557</th><th></th><th></th></td<>	Stn.51	11.4.2	Duty Crew Kitchen Equipment - Contingency	5	3			\$19,557		
Stn.51         11.6.3         Ramair Gear Dryer - Replace         12         1           Stn.51         11.81         Air Compressor System - Replace         15         4           Stn.51         12.11         Apparatus Bay - Refurbish         25         14           Stn.51         12.12         Admin Common Areas - Repaint         16         5           Stn.51         12.13         Exercise Room - Refurbish         20         9         \$4,0           Stn.51         12.14         Bunk Gear Storage - Refurbish         10         3         3           Stn.51         12.15         Admin Offices - Refurbish         10         3         3           Stn.51         12.16         Lobby - Refurbish         16         5           Stn.51         12.16         Lobby - Refurbish         16         5           Stn.51         12.17         Public Meeting Room - Refurbish         12         1           Stn.51         12.18         Public & Admin Restrooms - Refurbish         12         1           Stn.51         12.24         Duty Crew Common Areas - Touchup Paint         16         7         \$17,385           Stn.51         12.24         Duty Crew Sleep Room Interiors - Refurbish         10         3 <th>Stn.51</th> <th>11.6.1</th> <th></th> <th>5</th> <th>3</th> <th></th> <th></th> <th>\$4,873</th> <th></th> <th></th>	Stn.51	11.6.1		5	3			\$4,873		
Stn.51         11.8.1         Air Compressor System - Replace         15         4           Stn.51         12.11         Apparatus Bay - Refurbish         25         14           Stn.51         12.12         Admin Common Areas - Repaint         16         5           Stn.51         12.13         Exercise Room - Refurbish         20         9         \$4,0           Stn.51         12.14         Bunk Gear Storage - Refurbish         10         3         \$4           Stn.51         12.15         Admin Offices - Refurbish         16         5         \$5           Stn.51         12.16         Lobby - Refurbish         16         5         \$24,583           Stn.51         12.17         Public & Admin Restrooms - Refurbish         12         1         \$24,583           Stn.51         12.18         Public & Admin Restrooms - Refurbish         12         1         \$24,583           Stn.51         12.21         Duty Crew Common Areas - Full Repaint         16         7         \$17,385           Stn.51         12.22         Duty Crew Common Areas - Touchup Paint         16         15         \$12.24           Stn.51         12.24         Duty Crew Kitchen Interiors - Refurbish         10         3         \$12.25	Stn.51									
Stn.51         12.1.1         Apparatus Bay - Refurbish         25         14           Stn.51         12.1.2         Admin Common Areas - Repaint         16         5           Stn.51         12.1.3         Exercise Room - Refurbish         20         9         \$4,0           Stn.51         12.1.4         Bunk Gear Storage - Refurbish         10         3         3           Stn.51         12.1.5         Admin Offices - Refurbish         10         3         3           Stn.51         12.1.6         Lobby - Refurbish         16         5         5           Stn.51         12.1.6         Lobby - Refurbish         16         5         5           Stn.51         12.1.7         Public Meeting Room - Refurbish         12         1         5           Stn.51         12.1.7         Public & Admin Restrooms - Refurbish         20         9         \$24,583           Stn.51         12.1.7         Public & Admin Restrooms - Refurbish         10         7         \$17,385           Stn.51         12.2.1         Duty Crew Common Areas - Touchup Paint         16         15         \$12.2.4         Duty Crew Sleep Room Interiors - Refurbish         10         3           Stn.51         12.2.4         Duty Crew K										
Stn.51         12.12         Admin Common Areas - Repaint         16         5           Stn.51         12.13         Exercise Room - Refurbish         20         9         \$4,0           Stn.51         12.14         Bunk Gear Storage - Refurbish         10         3         \$5           Stn.51         12.15         Admin Offices - Refurbish         16         5         \$5           Stn.51         12.16         Lobby - Refurbish         16         5         \$5           Stn.51         12.17         Public Meeting Room - Refurbish         12         1         \$2,17           Stn.51         12.17         Public Meeting Room - Refurbish         20         9         \$24,583           Stn.51         12.17         Public Meeting Room - Refurbish         10         14         \$5,85           Stn.51         12.21         Duty Crew Common Areas - Full Repaint         16         7         \$17,385           Stn.51         12.22         Duty Crew Sleep Room Interiors - Refurbish         10         3         \$15,51           12.24         Duty Crew Klatchen Interiors - Refurbish         10         9         \$13,41           Stn.51         12.25         Duty Crew Office/Training Areas - Refurbish         10         2 </th <th></th>										
Stn.51         12.1.3         Exercise Room - Refurbish         20         9         \$4,0           Stn.51         12.1.4         Bunk Gear Storage - Refurbish         10         3           Stn.51         12.1.5         Admin Offices - Refurbish         16         5           Stn.51         12.1.6         Lobby - Refurbish         16         5           Stn.51         12.1.7         Public Meeting Room - Refurbish         12         1           Stn.51         12.1.8         Public & Admin Restrooms - Refurbish         20         9         \$24,583           Stn.51         12.1.8         Public & Admin Restrooms - Refurbish         12         1         \$25,88           Stn.51         12.2.2         Duty Crew Common Areas - Full Repaint         16         7         \$17,385           Stn.51         12.2.3         Duty Crew Sleep Room Interiors - Refurbish         10         3         \$35,51           12.2.4         Duty Crew Kitchen Interiors - Refurbish         10         9         \$13,4           Stn.51         12.2.4         Duty Crew Mitchen Interiors - Refurbish         10         2         \$13,4           Stn.51         12.2.6         Duty Crew Office/Training Areas - Refurbish         10         2         \$12,2,7										
Stn.51         12.1.4         Bunk Gear Storage - Refurbish         10         3           Stn.51         12.1.5         Admin Offices - Refurbish         16         5           Stn.51         12.1.6         Lobby - Refurbish         16         5           Stn.51         12.1.6         Lobby - Refurbish         16         5           Stn.51         12.16         Lobby - Refurbish         16         5           Stn.51         12.17         Public & Admin Restrooms - Refurbish         12         1           Stn.51         12.18         Public & Admin Restrooms - Refurbish         20         9         \$25,8           Stn.51         12.2.2         Duty Crew Common Areas - Full Repaint         16         7         \$17,385           Stn.51         12.2.3         Duty Crew Sleep Room Interiors - Refurbish         10         3         3           Stn.51         12.2.4         Duty Crew Kitchen Interiors - Refurbish         10         9         \$13,4           Stn.51         12.2.4         Duty Crew Kitchen Interiors - Refurbish         10         2         \$13,4           Stn.51         12.2.6         Duty Crew Kitchen Interiors - Refurbish         10         2         \$14,4           Stn.51         12.2.					-				¢ / ∩71	
Stn.51         121.5         Admin Offices - Refurbish         16         5           Stn.51         121.6         Lobby - Refurbish         15         6         \$24,583           Stn.51         121.7         Public Meeting Room - Refurbish         12         1           Stn.51         121.8         Public & Admin Restrooms - Refurbish         20         9         \$24,583           Stn.51         12.12         Duty Crew Common Areas - Full Repaint         16         7         \$17,385           Stn.51         12.21         Duty Crew Common Areas - Full Repaint         16         15         \$17,385           Stn.51         12.22         Duty Crew Sleep Room Interiors - Refurbish         10         3         \$17,385           Stn.51         12.24         Duty Crew Kitchen Interiors - Refurbish         10         9         \$13,4           Stn.51         12.24         Duty Crew Kitchen Interiors - Refurbish         10         2         \$13,4           Stn.51         12.25         Duty Crew Kitchen Interiors - Refurbish         10         2         \$15,4           Stn.51         12.26         Duty Crew Kitchen Interiors - Refurbish         10         2         \$15,4           Stn.51         12.26         Duty Crew Restrooms - Re									\$4,031	
Stn.51         12.1.6         Lobby - Refurbish         15         6         \$24,583           Stn.51         12.1.7         Public Meeting Room - Refurbish         12         1         1           Stn.51         12.1.8         Public & Admin Restrooms - Refurbish         20         9         \$25,8           Stn.51         12.2.1         Duty Crew Common Areas - Full Repaint         16         7         \$17,385           Stn.51         12.2.2         Duty Crew Common Areas - Touchup Paint         16         15         \$17,385           Stn.51         12.2.3         Duty Crew Sleep Room Interiors - Refurbish         10         3         \$17,385           Stn.51         12.2.4         Duty Crew Kitchen Interiors - Refurbish         10         9         \$13,4           Stn.51         12.2.5         Duty Crew Office/Training Areas - Refurbish         10         2         \$13,4           Stn.51         12.2.6         Duty Crew Restrooms - Refurbish         15         4         \$12.2.7         Duty Crew Restrooms - Refurbish         10         2										
Stn.51         12.1.7         Public Meeting Room - Refurbish         12         1           Stn.51         12.1.8         Public & Admin Restrooms - Refurbish         20         9         \$\$25,8\$           Stn.51         12.2.1         Duty Crew Common Areas - Full Repaint         16         7         \$\$17,385\$           Stn.51         12.2.2         Duty Crew Common Areas - Touchup Paint         16         15           Stn.51         12.2.3         Duty Crew Sleep Room Interiors - Refurbish         10         3           Stn.51         12.2.4         Duty Crew Kitchen Interiors - Refurbish         10         9         \$\$13,4\$           Stn.51         12.2.5         Duty Crew Office/Training Areas - Refurbish         10         2         \$\$15,5\$           12.2.5         Duty Crew Restrooms - Refurbish         10         2         \$\$15,5\$           12.2.6         Duty Crew Restrooms - Refurbish         10         2         \$\$15,5\$           12.2.6         Duty Crew Restrooms - Refurbish         10         2         \$\$15,5\$           12.2.7         Duty Crew Restrooms - Refurbish         10         2         \$\$15,5\$						\$24,583				
Stn.51         12.1.8         Public & Admin Restrooms - Refurbish         20         9         \$\$25,8           Stn.51         12.2.1         Duty Crew Common Areas - Full Repaint         16         7         \$\$17,385           Stn.51         12.2.2         Duty Crew Common Areas - Touchup Paint         16         15           Stn.51         12.2.3         Duty Crew Sleep Room Interiors - Refurbish         10         3           Stn.51         12.2.4         Duty Crew Kitchen Interiors - Refurbish         10         9         \$\$13,4           Stn.51         12.2.5         Duty Crew Office/Training Areas - Refurbish         10         2         \$\$15,51           12.2.5         Duty Crew Restrooms - Refurbish         10         2         \$\$15,51           12.2.6         Duty Crew Restrooms - Refurbish         10         2         \$\$15,51           12.2.6         Duty Crew Restrooms - Refurbish         15         4         \$\$15,51           12.2.7         Duty Crew Restrooms - Refurbish         10         2         \$\$12,25			-			,				
Stn.51         12.2.1         Duty Crew Common Areas - Full Repaint         16         7         \$17,385           Stn.51         12.2.2         Duty Crew Common Areas - Touchup Paint         16         15           Stn.51         12.2.3         Duty Crew Sleep Room Interiors - Refurbish         10         3           Stn.51         12.2.4         Duty Crew Kitchen Interiors - Refurbish         10         9         \$13,4           Stn.51         12.2.5         Duty Crew Kitchen Interiors - Refurbish         10         2         \$15,5           Stn.51         12.2.6         Duty Crew Refurbish         10         2         \$15,5           Stn.51         12.2.6         Duty Crew Restrooms - Refurbish         10         2         \$15,5           12.2.7         Duty Crew Restrooms - Refurbish         10         2         \$12,2			-		9				\$25,848	
Stn.51         12.2.3         Duty Crew Sleep Room Interiors - Refurbish         10         3           Stn.51         12.2.4         Duty Crew Kitchen Interiors - Refurbish         10         9         \$13,4           Stn.51         12.2.5         Duty Crew Laundry Interiors - Refurbish         10         2           Stn.51         12.2.6         Duty Crew Coffice/Training Areas - Refurbish         15         4           Stn.51         12.2.7         Duty Crew Restrooms - Refurbish         10         2				16	7		\$17,385			
Stn.51         12.2.4         Duty Crew Kitchen Interiors - Refurbish         10         9         \$13,4           Stn.51         12.2.5         Duty Crew Laundry Interiors - Refurbish         10         2         10         2           Stn.51         12.2.6         Duty Crew Office/Training Areas - Refurbish         15         4           Stn.51         12.2.7         Duty Crew Restrooms - Refurbish         10         2	Stn.51	12.2.2	Duty Crew Common Areas - Touchup Paint	16	15					
Stn.51         12.2.5         Duty Crew Laundry Interiors - Refurbish         10         2           Stn.51         12.2.6         Duty Crew Office/Training Areas - Refurbish         15         4           Stn.51         12.2.7         Duty Crew Restrooms - Refurbish         10         2	Stn.51									
Stn.51         12.2.6         Duty Crew Office/Training Areas - Refurbish         15         4           Stn.51         12.2.7         Duty Crew Restrooms - Refurbish         10         2			-						\$13,425	
Stn.51         12.2.7         Duty Crew Restrooms - Refurbish         10         2										
SUISE 124.1 ISLEIDUT INTERIOF LARDER FLOORING - REDIACE 74 15	-		*							
									\$3,096	
Strist         12.4.3         Strist         Floor Resilient Flooring - Replace         20         9         53,0           Strist         12.4.4         2nd Floor Resilient Flooring - Replace         15         4									40,000	
									\$43,225	

Stn.51	12.4.6	2nd Floor Sheet Flooring - Replace		15	4					
Stn.51	12.4.7	1st Floor Stained Concrete - Refurbish		12	1					
Stn.51	12.6.1	Elevator Cab Interior - Remodel		40	29					
Stn.51	14.1.1	Elevator - Major Upgrades		40	29					
Stn.51	14.1.2	Elevators - 5 Year Load Test		5	5			<b>A</b> 0 5 0 7		\$7,613
Stn.51	15.2.1	Plumbing System - Contingency		5 60	3 49			\$6,523		
Stn.51 Stn.51	15.2.2 15.3.1	Plumbing Supply Lines - Replace Irrigation System - Contingency		10	49 8			\$13,430		
Stn.51		Storm Water System - Contingency		3	1		\$6,333	\$13,430		\$6,921
Stn.51	15.4.1	Fire Detection System - Maintenance		5	3		+ -,	\$3,262		+ - ; - = -
Stn.51	15.4.2	Fire Sprinkler System - Maintenance		15	4					
Stn.51	15.5.1	Water Heater - Contingency		20	9				\$21,870	
Stn.51	15.6.1	Heat Recovery Unit - Replace		25	14					
Stn.51		Indirect Makeup AHU - Replace		20	9				\$13,293	
Stn.51	15.6.3			20 6	9				\$2,951	\$26,732
Stn.51 Stn.51		VRF Heat Pump - Contingency HVAC System - Contingency		5	3			\$6,523		\$20,732
Stn.51		Infrared Heaters - Replace		20	9			¢0,020	\$20,381	
Stn.51		Exhaust Fans - Contingency		5	3			\$9,938		
Stn.51	16.3.1	Electrical System - Contingency		10	8			\$6,523		
Stn.51	16.5.1	Emergency Generator - Replace		30	19					
Stn.51		Generator Fuel Tank - Replace		30	19					
Stn.51	16.6.1	Exterior Light Fixtures - Replace		10	9				\$13,425	
Stn.51 Stn.51	16.9.1	Fire Control Panel - Replace Audio/Visual Equipment - Upgrades		20 15	9 4				\$5,019	
Stn.51	17.1.1	Fireblast 451 - Maintenance		10	9				\$13,425	
Stn.51	18.1.1	Security / Surveillance System - Replace		10	1				<i>Q10,120</i>	
Stn.57	2.6.1	Asphalt Paving - Repair		6	1		\$5,116			
Stn.57	2.6.2	Asphalt Pavement- Seal Coat & Restripe		6	1		\$6,395			
Stn.57	2.7.4	Privacy Wood Fence - Replace		15	8			\$7,917		
Stn.57	2.7.5	Chain-link Fence - Repair		40	18					
Stn.57	2.9.2 2.9.3	Landscaping - Maintenance Wetland - Maintenance		8 15	6	\$6,149				
Stn.57 Stn.57	3.3.3	Exterior Concrete Paving - Repair		6	13 2			\$4,170		
Stn.57	6.1.2	Garbage Bin Enclosure - Contingency		20	18			ψ-ι,ιν ο		
Stn.57	6.4.5	Brick Siding - Maintenance		20	8			\$16,730		
Stn.57	7.3.2	Gutters & Downspouts - Replace		20	11					
Stn.57	7.4.7	Metal Roof - Replace		40	11					
Stn.57	7.4.8	Roof Inspection & Minor Repair		5	5					\$4,152
Stn.57	8.2.8	Common Doors & Hardware - Maintenance		10	10			¢7 471		\$4,587
Stn.57 Stn.57	8.2.6 8.2.7	Overhead Bay Door - Replace Bay Door Operator - Contingency		20 20	18			\$7,431		
Stn.57 Stn.57	8.3.3	Storefront System - Maintenance		10	8			\$25,095		
Stn.57	8.5.2	Aluminum Framed Windows - Replace		45	16			+,		
Stn.57	9.8.5			10	2					
Stn.57	10.4.2	Exterior Signage - Refurbish		15	10					\$3,460
Stn.57	11.4.3	Kitchen Equipment - Contingency		5	6	\$16,903				
Stn.57	11.6.4	Laundry Equipment - Contingency		5	3			\$4,298		
Stn.57 Stn.57	11.6.5 11.8.2	Station Extractor - Bunker Gear Washer Air Compressor - Replace		12 12	5 11					
Stn.57	12.3.1	Interior Concrete Floor - Refurbish		25	24					
Stn.57	12.3.2	Apparatus Bay - Refurbish		10	10					\$18,685
Stn.57	12.3.3	Hallway & Stairwell Walls & Ceiling - Paint		25	10					\$9,689
Stn.57	12.3.4	Front Reception Desk & Office - Remodel		10	11					
Stn.57		Kitchen - Remodel		10	10					\$13,827
Stn.57	12.3.6	Day / Dining Room - Remodel		15	10			<b>A C C C Z</b>		\$20,748
Stn.57 Stn.57		Duty Crew Sleep Rooms - Refurbish Exercise Room - Refurbish		20 15	8 14			\$6,523		
Stn.57 Stn.57		Locker & Restroom - Refurbish		15	14 5					
Stn.57 Stn.57		Laundry & Utility Room - Refurbish		10	8			\$13,034		
Stn.57		Plumbing System - Contingency		10	4			,		
Stn.57		Irrigation System - Contingency		5	2		\$3,167			
Stn.57		Fire Detection System - Maintenance		15	5					
Stn.57		Wet & Dry Fire Sprinkler System - Contingency		10	8			\$7,176		
Stn.57		Water Heater - Replace		15	2	¢17 F1F				
Stn.57 Stn.57		HVAC Units - Replace Furnace - Replace		15 10	6 4	\$13,515				
Stn.57 Stn.57		Infrared Overhead Heaters - Replace		10	8			\$6,523		
Stn.57		Exhaust Fans - Contingency		5	3			\$5,679		
Stn.57		Electrical System - Contingency		20	8			\$8,608		
Stn.57		Emergency Generator - Contingency		20	18					
Stn.57		Exterior Light Fixtures - Replace		15	1					
Stn.57		Fire Control Panel - Replace		20	8			\$5,014		
Stn.57	18.1.2	Security / Surveillance System - Upgrade	EVDENCES	10	1	¢00.174	¢00 201	\$335 F11	\$207 671	\$120 767
		TOTAL ANTICIPATED ANNUAL RESERVE				<b>\$90,134</b> \$1,023,906	<b>\$98,201</b> \$1,171,318	<b>\$225,511</b> \$1,318,772	<b>\$293,631</b> \$1,345,432	<b>\$129,767</b> \$1,311,778
		ACCUMULATI	ED DEBITS			\$90,134	\$98,201	\$225,511	\$293,631	\$129,767
		YEAR-END	BALANCE			\$933,772	\$1,073,117	\$1,093,261	\$1,051,801	\$1,182,011
		YEARS	1	2-10	11-30	6 (2027)	7 (2028)	8 (2029)	9 (2030)	10 (2031)
		CONTRIBUTION INFLATION COMPONENT COMPOUND INFLATION	0% 4%	3% 3%	4% 4%	3% 121%	3% 124%	3% 128%	3% 132%	3% 136%
		INTEREST RATE MULTIPLIER	0.5%	2%	3%	2%	2%	2%	2%	2%

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30-YEAR RESERVE STUDY PROJECTIONS WITH STARTING RECOMMENDED FUNDING OF \$182,300 AND COMPOUND INFLATION

		ANNUAL RE	NG RESERVE SERVE CON TED INTERES	TRIBUTION	\$1,182,011 \$247,375 \$35,191	\$1,199,279 \$257,270 \$38,850	\$1,429,541 \$267,560 \$40,942	\$1,340,872 \$278,263 \$40,608	<b>16-Nov-21</b> \$1,406,957 \$289,393 \$45,988
		A	SPECIAL AS		\$0 \$1,464,577	\$0 \$1,495,398	\$0 \$1,738,043	\$0 \$1,659,743	\$0 <b>\$1,742,339</b>
			MAINT.	NEXT	11	12	13	14	15
Stn.51	# 2.4.1	COMPONENT NAME Concrete - Paving Repairs	CYCLE 10	MAINT. 3	2032	2033	<b>2034</b> \$28,315	2035	2036
Stn.51	2.4.2		10	1	\$2,399		\$20,010		
Stn.51	2.7.1	Prefinished Metal Fence - Replace	30	19					
Stn.51	2.7.2	Prefinished Metal Fence & Gates - Maintenance	10	3			\$11,356		
Stn.51 Stn.51	2.7.3 2.8.1	Gate Operator - Maintenance Wood Benches - Maintenance	3 10	1			\$2,564 \$3,419		
Stn.51	2.9.1	Landscaping - Maintenance	8	6			\$3,415	\$24,272	
Stn.51	3.3.1	Concrete Walkways - Repair	6	1			\$8,487		
Stn.51	3.3.2	Cast Concrete Retaining Walls - Repair	15	4					
Stn.51 Stn.51	6.1.1 6.2.1	Garbage Bin Enclosure - Repair	15 30	4					
Stn.51 Stn.51	6.2.2	Pedestal Paver - Maintenance PVC Thermoplastic Membrane - Replace	30	19					
Stn.51	6.4.1	Brick Siding - Maintenance	20	9					
Stn.51	6.4.2	CMU Wall - Tuck Point	20	9					
Stn.51	6.4.3	Fiber Cement Board Siding - Repair	10	1	\$8,834				
Stn.51 Stn.51	6.4.4 7.1.1	Metal Siding - Replace Sealant Joints - Replace	35 15	24 4					
Stn.51	7.3.1	Scuppers, Gutters & Downspouts - Replace	30	19					
Stn.51	7.4.1	Low Sloped Ribbed Roof - Replace	30	19					
Stn.51	7.4.2	Low Sloped Smooth Roof - Replace	30	19					
Stn.51	7.4.3	Tower Composition Shingles - Replace	30	19					
Stn.51 Stn.51	7.4.4 7.4.5	Tower Metal Roof - Replace Apparatus Bay Metal Roof - Replace	50 40	39 29					
Stn.51	7.4.6	Roof Inspection & Minor Repair	5	3			\$9,540		
Stn.51	8.2.1	Folding Bay Doors & Hardware - Maintenance	5	2		\$8,234	+-,		
Stn.51	8.2.2	Overhead Bay Doors & Hardware - Replace	30	19					
Stn.51	8.2.3	Overhead Bay Door Operator - Contingency	5	2		\$19,095			
Stn.51 Stn.51	8.2.4 8.2.5	Coiling Door - Maintenance Doors & Hardware - Maintenance	30 5	19 1	\$5,151				
Stn.51 Stn.51	8.3.1	Storefront System - Maintenance	15	4	φυ,ισι				
Stn.51	8.3.2	Storefront System - Replace	60	50					
Stn.51	8.5.1	Aluminum Windows - Replace	40	29					
Stn.51	9.8.1	Cedar Wood Siding - Maintenance	6	1			\$34,039		
Stn.51 Stn.51	9.8.2 9.8.3	Concrete Siding - Maintenance Exterior Steel - Maintenance	12 6	1 4			\$7,876		
Stn.51	9.8.4	Fiber Cement Board Siding - Caulk & Paint	8	1					
Stn.51	10.4.1	Exterior Signage - Refurbish	10	2		\$3,743			
Stn.51	10.5.1	Exterior Mail Pedestal Unit - Replace	25	14				\$3,556	
Stn.51 Stn.51	11.1.1 11.4.1	Propane Forklift - Replace Admin Kitchen Equipment - Contingency	20 10	8					
Stn.51	11.4.2	Duty Crew Kitchen Equipment - Contingency	5	3			\$23,339		
Stn.51	11.6.1	Laundry Equipment - Contingency	5	3			\$5,816		
Stn.51	11.6.2	Unimac Gear Extractor - Replace	12	1			\$13,692		
Stn.51	11.6.3	Ramair Gear Dryer - Replace	12	1			\$17,111		
Stn.51 Stn.51	11.8.1	Air Compressor System - Replace Apparatus Bay - Refurbish	15 25	4				\$111,424	
Stn.51		Admin Common Areas - Repaint	16	5				φ, i.2. i	
Stn.51	12.1.3	Exercise Room - Refurbish	20	9					
Stn.51	12.1.4	Bunk Gear Storage - Refurbish	10	3			\$12,455		
Stn.51 Stn.51	12.1.5 12.1.6	Admin Offices - Refurbish Lobby - Refurbish	16 15	5					
Stn.51 Stn.51	12.1.0	Public Meeting Room - Refurbish	12	1			\$23,339		
Stn.51	12.1.8	Public & Admin Restrooms - Refurbish	20	9					
Stn.51	12.2.1	Duty Crew Common Areas - Full Repaint	16	7					
Stn.51	12.2.2	•	16	15			A70 54-		\$23,113
Stn.51 Stn.51	12.2.3 12.2.4		10 10	3 9			\$38,511		
Stn.51 Stn.51		Duty Crew Laundry Interiors - Refurbish	10	2		\$2,994			
Stn.51	12.2.6		15	4		- LJO O T			
Stn.51	12.2.7		10	2		\$24,687			
Stn.51	12.4.1	1st Floor Interior Carpet Flooring - Replace	24	13			\$53,027		
Stn.51	12.4.2		16	5 9					
Stn.51 Stn.51	12.4.3 12.4.4	1st Floor Resilient Flooring - Replace 2nd Floor Resilient Flooring - Replace	20 15	9					
Stn.51		1st Floor Sheet Flooring - Replace	20	9					

Stn.51	12.4.6	2nd Floor Sheet Flooring - Replace	1	15	4					
Stn.51	12.4.7	1st Floor Stained Concrete - Refurbish		12	1			\$23,568		
Stn.51	12.6.1	Elevator Cab Interior - Remodel		40	29					
Stn.51	14.1.1	Elevator - Major Upgrades		40	29					¢0.000
Stn.51 Stn.51	14.1.2 15.2.1	Elevators - 5 Year Load Test Plumbing System - Contingency		5	5			\$7,785		\$9,262
Stn.51		Plumbing Supply Lines - Replace		60	49			<i>\$</i> 7,705		
Stn.51	15.3.1			10	8					
Stn.51	15.3.2	Storm Water System - Contingency		3	1			\$7,785		
Stn.51	15.4.1	Fire Detection System - Maintenance		5	3			\$3,892		
Stn.51		Fire Sprinkler System - Maintenance		15	4					
Stn.51 Stn.51	15.5.1 15.6.1	Water Heater - Contingency Heat Recovery Unit - Replace		20 25	9 14				\$21,367	
Stn.51		Indirect Makeup AHU - Replace		20	9				ψ21,507	
Stn.51		Furnace - Replace		20	9					
Stn.51	15.6.4	VRF Heat Pump - Contingency		6	4					
Stn.51		HVAC System - Contingency		5	3			\$7,785		
Stn.51		Infrared Heaters - Replace		20 5	9 3			\$11,860		
Stn.51 Stn.51	15.7.1 16.3.1	· · ·		10	8			\$11,000		
Stn.51	16.5.1	Emergency Generator - Replace		30	19					
Stn.51		Generator Fuel Tank - Replace		30	19					
Stn.51	16.6.1	Exterior Light Fixtures - Replace		10	9					
Stn.51		Fire Control Panel - Replace		20	9					
Stn.51	16.9.1	Audio/Visual Equipment - Upgrades		15	4					
Stn.51 Stn.51	17.1.1 18.1.1	Fireblast 451 - Maintenance Security / Surveillance System - Replace		10 10	9	\$23,017				
Stn.57	2.6.1	Asphalt Paving - Repair		6	1	φ23,017		\$6,289		
Stn.57	2.6.2	Asphalt Pavement- Seal Coat & Restripe		6	1			\$7,861		
Stn.57	2.7.4	Privacy Wood Fence - Replace		15	8					
Stn.57	2.7.5	Chain-link Fence - Repair		40	18					
Stn.57	2.9.2	Landscaping - Maintenance		8	6			A45 55 4	\$8,096	
Stn.57 Stn.57	2.9.3 3.3.3	Wetland - Maintenance Exterior Concrete Paving - Repair		15 6	13 2			\$15,554	¢E 17E	
Stn.57 Stn.57	6.1.2	Garbage Bin Enclosure - Contingency		20	18				\$5,175	
Stn.57	6.4.5	Brick Siding - Maintenance		20	8					
Stn.57	7.3.2	Gutters & Downspouts - Replace		20	11	\$4,544				
Stn.57	7.4.7	Metal Roof - Replace		40	11	\$86,396				
Stn.57	7.4.8	Roof Inspection & Minor Repair		5	5					\$5,052
Stn.57	8.2.8	Common Doors & Hardware - Maintenance		10 20	10					
Stn.57 Stn.57	8.2.6 8.2.7	Overhead Bay Door - Replace Bay Door Operator - Contingency		20	18					
Stn.57	8.3.3	Storefront System - Maintenance		10	8					
Stn.57	8.5.2	Aluminum Framed Windows - Replace		45	16					
Stn.57	9.8.5	Front Entry Steel Framed Structure - Paint		10	2		\$3,361			
Stn.57	10.4.2			15	10					
Stn.57		Kitchen Equipment - Contingency		5	6	\$19,786		¢ = 100		
Stn.57 Stn.57	11.6.4 11.6.5	Laundry Equipment - Contingency Station Extractor - Bunker Gear Washer	× .	5 12	3 5			\$5,129		
Stn.57	11.8.2	Air Compressor - Replace		12	11	\$57,635				
Stn.57	12.3.1	Interior Concrete Floor - Refurbish		25	24	1 - 7				
Stn.57	12.3.2	Apparatus Bay - Refurbish		10	10					
Stn.57	12.3.3	Hallway & Stairwell Walls & Ceiling - Paint		25	10					
Stn.57		Front Reception Desk & Office - Remodel		10	11	\$35,958				
Stn.57 Stn.57	12.3.5 12.3.6	Kitchen - Remodel Day / Dining Room - Remodel		10 15	10 10					
Stn.57 Stn.57		Duty Crew Sleep Rooms - Refurbish		20	8					
Stn.57	12.3.8	Exercise Room - Refurbish		15	14				\$48,544	
Stn.57	12.3.9	Locker & Restroom - Refurbish		15	5					
Stn.57		Laundry & Utility Room - Refurbish		10	8					
Stn.57		Plumbing System - Contingency		10	4		¢ 7 7 / -		\$8,096	
Stn.57 Stn.57		Irrigation System - Contingency Fire Detection System - Maintenance		5 15	2 5		\$3,743			
Stn.57 Stn.57		Wet & Dry Fire Sprinkler System - Contingency		15	5					
Stn.57		Water Heater - Replace		15	2					
Stn.57		HVAC Units - Replace		15	6					
Stn.57		Furnace - Replace		10	4				\$22,256	
Stn.57		Infrared Overhead Heaters - Replace		10	8			* ~		
Stn.57		Exhaust Fans - Contingency		5 20	3			\$6,777		
Stn.57 Stn.57		Electrical System - Contingency Emergency Generator - Contingency		20	8					
Stn.57 Stn.57		Exterior Light Fixtures - Replace		15	1					
Stn.57		Fire Control Panel - Replace		20	8					
Stn.57	18.1.2	Security / Surveillance System - Upgrade		10	1	\$21,578				
		TOTAL ANTICIPATED ANNUAL RESERVE				\$265,298	\$65,857	\$397,171	\$252,786	\$37,427
		ACCUMULATE ACCUMULATE				\$1,464,577 \$265,298	\$1,495,398 \$65,857	\$1,738,043 \$397,171	\$1,659,743 \$252,786	\$1,742,339 \$37,427
		YEAR-END				\$1,199,279	\$1,429,541	\$1,340,872	\$1,406,957	\$1,704,912
		YEARS	1	2-10	11-30	11 (2032 )	12 (2033 )	13 (2034 )	14 (2035)	15 (2036)
			0%	3%	4%	4%	4%	4%	4%	4%
		COMPONENT COMPOUND INFLATION INTEREST RATE MULTIPLIER	4% 0.5%	3% 2%	4% 3%	141% 3%	147% 3%	153% 3%	159% 3%	165% 3%
						270	270	270	270	2.0

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30-YEAR RESERVE STUDY PROJECTIONS WITH STARTING RECOMMENDED FUNDING OF \$182,300 AND COMPOUND INFLATION

			NG RESERVI		\$1,704,912	\$1,903,316	\$2,169,662	\$2,224,512	<b>16-Nov-21</b> \$1,184,055
			SERVE CON		\$300,969 \$53,324	\$313,008 \$60,192	\$325,528 \$64,939	\$338,549 \$50,373	\$352,091 \$39,405
		A	SPECIAL AS		\$0 \$2,059,204	\$0 \$2,276,516	\$0 \$2,560,128	\$0 \$2,613,435	\$0 \$1,575,550
			MAINT.	NEXT	16	17	18	19	20
Cha 51	#	COMPONENT NAME	CYCLE	MAINT.	2037	2038	2039	2040	2041
Stn.51 Stn.51	2.4.1 2.4.2	Concrete - Paving Repairs Concrete - Repaint Stalls & Curbs	10 10	3					
Stn.51	2.7.1	Prefinished Metal Fence - Replace	30	19				\$143,734	
Stn.51	2.7.2	Prefinished Metal Fence & Gates - Maintenance	10	3					
Stn.51	2.7.3	Gate Operator - Maintenance	3	1	\$2,885			\$3,245	
Stn.51	2.8.1 2.9.1	Wood Benches - Maintenance Landscaping - Maintenance	10 8	3 6					
Stn.51 Stn.51	3.3.1	Concrete Walkways - Repair	6	1				\$10,738	
Stn.51	3.3.2	Cast Concrete Retaining Walls - Repair	15	4				\$31,250	
Stn.51	6.1.1	Garbage Bin Enclosure - Repair	15	4				\$4,925	
Stn.51	6.2.1	Pedestal Paver - Maintenance	30	19				\$3,612	
Stn.51 Stn.51	6.2.2 6.4.1	PVC Thermoplastic Membrane - Replace	30 20	19 9				\$7,803	
Stn.51	6.4.2	Brick Siding - Maintenance CMU Wall - Tuck Point	20	9					
Stn.51	6.4.3	Fiber Cement Board Siding - Repair	10	1					
Stn.51	6.4.4	Metal Siding - Replace	35	24					
Stn.51	7.1.1	Sealant Joints - Replace	15	4				\$44,171	
Stn.51	7.3.1	Scuppers, Gutters & Downspouts - Replace	30	19				\$7,030	
Stn.51	7.4.1 7.4.2	Low Sloped Ribbed Roof - Replace Low Sloped Smooth Roof - Replace	30 30	19				\$372,950 \$245,740	
Stn.51 Stn.51	7.4.2	Tower Composition Shingles - Replace	30	19 19				\$245,749 \$2,376	
Stn.51	7.4.4	Tower Metal Roof - Replace	50	39				42,070	
Stn.51	7.4.5	Apparatus Bay Metal Roof - Replace	40	29					
Stn.51	7.4.6	Roof Inspection & Minor Repair	5	3			\$11,607		
Stn.51	8.2.1	Folding Bay Doors & Hardware - Maintenance	5	2		\$10,018			
Stn.51	8.2.2	Overhead Bay Doors & Hardware - Replace	30 5	19 2		\$23,232		\$47,647	
Stn.51 Stn.51	8.2.3 8.2.4	Overhead Bay Door Operator - Contingency Coiling Door - Maintenance	30	19		\$Z3,Z3Z		\$19,488	
Stn.51	8.2.5	Doors & Hardware - Maintenance	5	1	\$6,267			<i>Q10,100</i>	
Stn.51	8.3.1	Storefront System - Maintenance	15	4				\$15,103	
Stn.51	8.3.2	Storefront System - Replace	60	50					
Stn.51	8.5.1	Aluminum Windows - Replace	40	29				¢ 47 070	
Stn.51 Stn.51	9.8.1 9.8.2	Cedar Wood Siding - Maintenance Concrete Siding - Maintenance	6 12	1				\$43,070	
Stn.51	9.8.3	Exterior Steel - Maintenance	6	4	\$14,011				
Stn.51	9.8.4	Fiber Cement Board Siding - Caulk & Paint	8	1		\$38,624			
Stn.51	10.4.1		10	2					
Stn.51	10.5.1	Exterior Mail Pedestal Unit - Replace	25	14					
Stn.51 Stn.51	11.1.1 11.4.1	Propane Forklift - Replace Admin Kitchen Equipment - Contingency	20 10	8	\$8,757				
Stn.51	11.4.1	Duty Crew Kitchen Equipment - Contingency	5	3	<i>ф</i> 0,7 <i>3</i> 7		\$28,395		
Stn.51	11.6.1	Laundry Equipment - Contingency	5	3			\$7,076		
Stn.51	11.6.2	Unimac Gear Extractor - Replace	12	1					
Stn.51	11.6.3	Ramair Gear Dryer - Replace	12	1					
Stn.51	11.8.1	Air Compressor System - Replace	15	4				\$17,325	
Stn.51 Stn.51	12.1.1 12.1.2	Apparatus Bay - Refurbish Admin Common Areas - Repaint	25 16	14 5					
Stn.51	12.1.2	Exercise Room - Refurbish	20	9					
Stn.51	12.1.4	Bunk Gear Storage - Refurbish	10	3					
Stn.51	12.1.5	Admin Offices - Refurbish	16	5					
Stn.51	12.1.6	Lobby - Refurbish	15	6					
Stn.51 Stn.51	12.1.7 12.1.8	Public Meeting Room - Refurbish Public & Admin Restrooms - Refurbish	12 20	1 9					
Stn.51	12.1.0	Duty Crew Common Areas - Full Repaint	16	7					
Stn.51	12.2.2		16	15					
Stn.51	12.2.3		10	3					
Stn.51	12.2.4	Duty Crew Kitchen Interiors - Refurbish	10	9				\$19,681	
Stn.51 Stn.51	12.2.5 12.2.6		10 15	2				\$11,820	
Stn.51 Stn.51	12.2.6		10	4				φ11,0ZU	
Stn.51	12.4.1	1st Floor Interior Carpet Flooring - Replace	24	13					
Stn.51	12.4.2		16	5					
Stn.51	12.4.3	- ,	20	9					
Stn.51	12.4.4	- ,	15	4				\$5,331	
Stn.51	12.4.5	1st Floor Sheet Flooring - Replace	20	9					

61.51	10.4.0	Ond Elson Chaste Elsonia a Davis a		15	1	1			¢01 5 60	
Stn.51 Stn.51	12.4.6 12.4.7	2nd Floor Sheet Flooring - Replace 1st Floor Stained Concrete - Refurbish		15 12	4				\$81,562	
Stn.51	12.4.7	Elevator Cab Interior - Remodel		40	29					
Stn.51	14.1.1	Elevator - Major Upgrades		40	29					
Stn.51	14.1.2	Elevators - 5 Year Load Test		5	5					\$11,268
Stn.51	15.2.1	Plumbing System - Contingency		5	3			\$9,471		
Stn.51	15.2.2	Plumbing Supply Lines - Replace		60	49					
Stn.51	15.3.1	Irrigation System - Contingency		10	8			\$19,500		
Stn.51	15.3.2	Storm Water System - Contingency		3	1	\$8,757			\$9,850	
Stn.51	15.4.1	Fire Detection System - Maintenance		5	3			\$4,736		
Stn.51	15.4.2	Fire Sprinkler System - Maintenance		15	4				\$15,760	
Stn.51	15.5.1			20	9					
Stn.51	15.6.1	Heat Recovery Unit - Replace		25	14					
Stn.51	15.6.2	Indirect Makeup AHU - Replace		20	9					
Stn.51	15.6.3	Furnace - Replace		20	9					
Stn.51	15.6.4	VRF Heat Pump - Contingency		6	4	\$33,825				
Stn.51	15.6.5	HVAC System - Contingency		5	3			\$9,471		
Stn.51	15.6.6	Infrared Heaters - Replace		20	9				Þ	
Stn.51	15.7.1	Exhaust Fans - Contingency		5	3			\$14,430		
Stn.51	16.3.1	Electrical System - Contingency		10	8			\$9,471		
Stn.51	16.5.1	Emergency Generator - Replace		30	19				\$38,975	
Stn.51	16.5.2	Generator Fuel Tank - Replace		30	19				\$17,325	
Stn.51	16.6.1	Exterior Light Fixtures - Replace		10	9				\$19,681	
Stn.51	16.8.1			20	9				-	
Stn.51	16.9.1	Audio/Visual Equipment - Upgrades		15	4				\$151,594	
Stn.51	17.1.1	Fireblast 451 - Maintenance		10	9				\$19,681	
Stn.51	18.1.1	Security / Surveillance System - Replace		10	1					
Stn.57	2.6.1	Asphalt Paving - Repair		6	1				\$7,957	
Stn.57	2.6.2	Asphalt Pavement- Seal Coat & Restripe		6	1				\$9,947	
Stn.57	2.7.4	Privacy Wood Fence - Replace		15	8					
Stn.57	2.7.5	Chain-link Fence - Repair		40	18			\$8,097		
Stn.57	2.9.2	Landscaping - Maintenance		8	6					
Stn.57	2.9.3	Wetland - Maintenance		15	13					
Stn.57	3.3.3	Exterior Concrete Paving - Repair		6	2					\$6,548
Stn.57	6.1.2	Garbage Bin Enclosure - Contingency		20	18			\$2,841		
Stn.57	6.4.5	Brick Siding - Maintenance	-	20	8					
Stn.57	7.3.2	Gutters & Downspouts - Replace		20	11					
Stn.57	7.4.7	Metal Roof - Replace		40	11					
Stn.57	7.4.8	Roof Inspection & Minor Repair		5	5					\$6,146
Stn.57	8.2.8	Common Doors & Hardware - Maintenance		10	10					\$6,789
Stn.57	8.2.6	Overhead Bay Door - Replace		20	8					
Stn.57	8.2.7	Bay Door Operator - Contingency		20	18			\$104,128		
Stn.57	8.3.3	Storefront System - Maintenance		10	8			\$36,436		
Stn.57	8.5.2	Aluminum Framed Windows - Replace		45	16	\$52,506				
Stn.57	9.8.5	Front Entry Steel Framed Structure - Paint		10	2					
Stn.57	10.4.2			15	10					
Stn.57	11.4.3	Kitchen Equipment - Contingency		5	6	\$24,072				
Stn.57	11.6.4			5	3			\$6,240		
Stn.57	11.6.5	Station Extractor - Bunker Gear Washer		12	5		\$16,017			
Stn.57	11.8.2	Air Compressor - Replace		12	11					
Stn.57	12.3.1	Interior Concrete Floor - Refurbish		25	24					
Stn.57	12.3.2	Apparatus Bay - Refurbish		10	10					\$27,659
Stn.57	12.3.3	Hallway & Stairwell Walls & Ceiling - Paint		25	10					
Stn.57	12.3.4	Front Reception Desk & Office - Remodel		10	11					
Stn.57	12.3.5	Kitchen - Remodel		10	10					\$20,468
Stn.57	12.3.6	Day / Dining Room - Remodel		15	10					
Stn.57	12.3.7	Duty Crew Sleep Rooms - Refurbish		20	8					
Stn.57	12.3.8	Exercise Room - Refurbish		15	14					
Stn.57	12.3.9			15	5					\$4,098
Stn.57	12.3.10	Laundry & Utility Room - Refurbish		10	8			\$18,924		
Stn.57		Plumbing System - Contingency		10	4					
Stn.57	15.3.3	Irrigation System - Contingency		5	2		\$4,553			
Stn.57	15.4.3	Fire Detection System - Maintenance		15	5					\$10,244
Stn.57		Wet & Dry Fire Sprinkler System - Contingency		10	8			\$10,418		
Stn.57		Water Heater - Replace		15	2		\$14,410			
Stn.57		HVAC Units - Replace		15	6					
Stn.57		Furnace - Replace		10	4					
Stn.57		Infrared Overhead Heaters - Replace		10	8			\$9,471		
Stn.57		Exhaust Fans - Contingency		5	3			\$8,246		
Stn.57	16.3.2	Electrical System - Contingency		20	8					
Stn.57				20	18			\$16,658		
Stn.57	· · · · · · · · · · · · · · · · · · ·	Exterior Light Fixtures - Replace		15	1	\$4,808		-		
Stn.57		Fire Control Panel - Replace		20	8					
Stn.57	18.1.2	Security / Surveillance System - Upgrade		10	1					
		TOTAL ANTICIPATED ANNUAL RESERVE	EXPENSES			\$155,888	\$106,854	\$335,616	\$1,429,380	\$93,220
		ACCUMULATE				\$2,059,204	\$2,276,516	\$2,560,128	\$2,613,435	\$1,575,550
		ACCUMULAT	TED DEBITS			\$155,888	\$106,854	\$335,616	\$1,429,380	\$93,220
		YEAR-END	BALANCE			\$1,903,316	\$2,169,662	\$2,224,512	\$1,184,055	\$1,482,330
		YEARS	1	2-10	11-30	16 (2037)	17 (2038)	18 (2039 )	19 (2040 )	20 (2041 )
			0%	70/	40/	40/	4.0/	40/	40/	40/
		CONTRIBUTION INFLATION	0%	3%	4%	4%	4%	4%	4%	
		CONTRIBUTION INFLATION COMPONENT COMPOUND INFLATION INTEREST RATE MULTIPLIER	4% 0.5%	3% 3% 2%	4% 4% 3%	4% 172% 3%	4% 179% 3%	4% 186% 3%	4% 193% 3%	4% 201% 3%

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30-YEAR RESERVE STUDY PROJECTIONS WITH STARTING RECOMMENDED FUNDING OF \$182,300 AND COMPOUND INFLATION

#         COMPONENT NAME         MAINT         202         22         23         24         25           55:05         24.0         Concrete - Paving Repairs         10         3         53.01         54.01         54.01         54.01         54.01         54.01         54.01         54.01         54.01         54.01         54.01         54.01         54.01         54.01         54.01         54.01         54.01         54.01         54.01         55.061         54.01         55.061         54.01         55.061         54.01         55.061         54.01         55.061         54.01         55.061         54.01         55.061         54.01         55.061         54.01         55.061         5			ANNUAL R ESTIMA		ST EARNED	\$1,482,330 \$366,175 \$44,246 \$0	\$1,511,680 \$380,822 \$47,807 \$0	\$1,723,271 \$396,055 \$51,663 \$0	\$1,772,603 \$411,897 \$56,920 \$0	<b>16-Nov-21</b> \$2,078,953 \$428,373 \$63,364 \$0
-         COMPONENT MARE         CYCLE         PANIT         2042         2043         2044         2045         2044           Stand         242         Concrete - Paring Repairs         501         3 <t< th=""><th></th><th></th><th>A</th><th></th><th></th><th></th><th></th><th></th><th></th><th>\$2,570,690</th></t<>			A							\$2,570,690
Br.3         24.1         Concrete - Regin Sile & Orthor         10         5         53.51         94.015           301         24.2         Concrete - Regin Sile & Orthor         10         1         53.51         94.015           301         24.2         Concrete - Regin Sile & Orthor         10         3         53.51         94.015           302         24.1         Wood Benches - Maintenance         10         3         53.51         94.015           303         201         Mood Senches - Maintenance         10         3         53.51         94.015           303         201         Concrete Regin Sing Walls - Regain         6         1         95.53.016         94.015           303         Concrete Mean Sing Walls - Regain         50         4         94.015         94.015         94.015           304         C4         Weld Sing - Regain         50         70         70         94.015         94.015         94.015           305         C4         Weld Sing - Regain         50         70         70         70         70         70         70         70         70         70         70         70         70         70         70         70         70         70		#	COMPONENT NAME							
Bins         2-2         Concrete - Replace - Replace         30         10         5.551           220         Perifisished Hall Fence & Gister - Maintenance         10         3         51.650         51.610           213         Carlon Contex Walkways - Replace         10         3         51.650         55.051           313         Cast Concrete Walkways - Replac         10         5         4         513.551           313         Cast Concrete Walkways - Replac         55         4         513.551         513.551           313         Cast Concrete Walkways - Replac         30         18         52.557         513.551           314         Cast Concrete Walkways - Replac         30         18         52.551         52.551           315         Cast Concrete Walkways - Replac         30         18         53.551         54.4         53.551           316         Cast Durbance Replace Replace         30         19         53.551         54.4         53.551           316         Cast Durbance Replace Replace         30         19         53.551         53.551           316         Cast Durbance Replace Replace         30         19         53.551         53.551           317         Stopertan St	Stn.51					2042	2043		2045	2040
Binal         222         Prefinished Wetal Fance & Gates - Maintenance         10         3         3         3           818         223         Wood Banches - Maintenance         10         3         53.650         94.           818.1         231         Moodacaling - Maintenance         10         3         53.250         55.051           818.1         231         Concrets Wainwys - Repair         10         1         53.252         55.321           818.1         232         Dedetata Power - Maintenance         20         0         1         1         1           818.1         232         Dedetata Power - Maintenance         20         0         1         1         10	Stn.51	2.4.2		10	1	\$3,551				
Biol         2.7.3         Gate Operator - Maintenance         3         1         33.650         94.           518.5         2.3.1         Landscapin - Maintenance         8         6         \$3.320         \$5.001           518.5         2.3.1         Landscapin - Maintenance         8         6         \$3.320         \$5.001           518.6         2.3.1         Concrete Walkways: Repair         15         4         \$5.001         \$5.331           513.6         Concrete Walkways: Repair         15         4         \$5.001         \$5.331           513.6         Concrete Walkways: Repair         10         1         \$5.007         \$5.331           514.6         Concrete Walkways: Repair         10         1         \$5.007         \$5.3077           515.8         Concrete Valkways: Repair         10         1         \$5.007         \$5.3077           515.8         Concrete Valkways: Repair         10         1         \$5.0077         \$5.3077           516.8         Concrete Valkways: Repair         10         1         \$5.0077         \$5.3077           516.9         Concrete Valkways: Repair         30         10         \$5.3077         \$5.3077           516.1         Concrete Valkw	Stn.51	2.7.1		30	19					
Intel         241         Wood Banches - Maintenance         100         2         55,001           1781         201         Londscapins - Mintenance         6         1         533,218         533,218           1873         231         Concrets Walkways - Repair         6         1         533,218         533,218           1873         231         Concrets Walkways - Repair         65         4         9           1878         432         Concrets Walkways - Repair         15         4         9           1878         443         Fiber Center Board Siding - Haintenance         200         9         9           1878         443         CVD Walt - Tuck Point         20         9         9         9           1878         444         Walt Siding - Replace         150         4         90         9           1878         744         Tower Metal Siding - Replace         100         10         9         9           1878         744         Tower Metal Sold Rod - Replace         50         20         90         9           1878         744         Tower Metal Sold Rod - Replace         50         20         90           1878         744         Rower Concros	Stn.51	2.7.2	Prefinished Metal Fence & Gates - Maintenance	10	3			\$16,810		
Liss         2.31         Landcaping - Maintenance         8         6         5332/8           8183         Sat Concrete Walkways-Repair         15         4         913           8183         Sat Concrete Walkways-Repair         15         4         913           8183         Satorge Bin Endown - Repair         15         4         913           8183         632         Podetal Payer - Maintenance         30         19           8183         633         China Pageta Menhorme - Replace         30         19           8183         643         Pott Walkways - Naintenance         30         19           8183         643         Pott Walkways - Naintenance         50         24         908.622           8183         741         Exercise - State S	Stn.51	2.7.3	Gate Operator - Maintenance	3			\$3,650			\$4,106
51.01         3.31         Concrets Walkways - Repair         6         1         \$13.1           51.31         32.2         Cat Concrets Retaining Walts - Repair         15         4           51.31         62.1         Redstal Faver - Mainteance         30         19           51.31         62.1         Redstal Faver - Mainteance         30         19           51.31         62.1         Redstal Faver - Mainteance         20         9           51.31         62.1         Redstal Faver - Mainteance         30         19           51.31         Fall Redstal Faver - Mainteance         30         19         513.077           51.31         Fall Siding - Replace         50         4         513.077           51.31         Faver Composition Singles - Replace         50         39         513.077           51.31         Faver Composition Singles - Replace         50         39         513.077           51.31         Faver Composition Singles - Replace         50         39         514.122           51.31         Faver Composition Singles - Replace         50         39         514.122           51.31         Faver Metal Red - Noor Singles         50         2         512.188           51.31	Stn.51	2.8.1	Wood Benches - Maintenance	10	3			\$5,061		
Sh.70         Sh.20         Cast Concrete Retaining Walls - Repair         Fis         4           Sh.73         GL1         Gradpage IIn Enclosure - Repair         15         4           Sh.73         GL2         Gradpage IIn Enclosure - Repair         15         4           Sh.73         GL2         Market Market Market Repair         10         1         Statumet Repair           Sh.73         GL4         Market Siding - Repair         10         1         Statumet Repair           Sh.73         GL4         Market Siding - Repair         10         1         Statumet Repair           Sh.73         GL4         Market Siding - Replace         20         9         GL4           Sh.73         Full Constrain Replace         30         19         GL4         Statumet Repair           Sh.73         Full Constrain Replace         70         19         GL4         Statumet Repair           Sh.74         Four Consposition Repair         50         30         19         Statumet Repair           Sh.74         Four Repair         50         3         19         Statumet Repair           Sh.74         Four Repair         50         4         Statumet Repair           Sh.74         Fourer R	Stn.51				6		\$33,218			
Shall         Garbage Bit Enclosure Repair         15         4           Shall         Gazbage Bit Enclosure Repair         30         19           Shall         Gazbage Ministenance         30         19           Shall         Gazbage Ministenance         20         9           Shall         Gazbage Ministenance         20         9           Shall         Gazbage Ministenance         30         19           Shall         Gazbage Ministenance         30         10           Shall         Gazbage Ministenance         30         19           Shall         Gazbage Ministenance         30         19           Shall         Tower Schmost Moor - Replace         30         19           Shall         Tower Meal Root - Replace         30         19           Shall         Tower Meal Root - Replace         50         30           Shall         Tower Meal Root - Replace         50         39           Shall         Tower Meal Root - Replace         30         19           Shall         Tower Meal Root - Replace         30         19           Shall         Station Root - Replace         30         2         \$12.188           Shall         Station										\$13,588
Sham 3         2.3         Pedestal Paver - Maintenance         500         19           5516         62.2         VCT Therroplestic Membrane - Replace         20         9           5516         64.2         CVC Therroplestic Membrane - Replace         20         9           5516         64.2         CVC Therroplestic Membrane - Replace         35         4.4           5517         Stapper, Guttras & Downspouts- Replace         35         4.4           5518         CVC Therroplestic Membrane - Replace         30         19           5518         Att Lows Sloped Smooth Nod - Replace         30         19           5518         Att Cower Compacition Singles - Replace         40         20           5518         Att Cower School Singles - Replace         40         20           5518         Att Cower School Singles - Replace         40         20           5518         Att Cover Head Root - Replace         40         20           5518         Att Coverhead Root Copartor - Contragenity         5         2         \$12,128           518         B22         Overhead Root Copartor - Contragenity         5         2         \$28,265           518         B23         Storefront Systam - Maintenance         5         4			÷ .							
51.33         62.2         PVC Thermoplastic Membrane - Replace         30         99           51.33         64.3         Proc Silling - Replace         30         9           51.33         64.4         Metal Silling - Replace         35         24         \$35.077           51.33         64.1         Fiber Cennet Board Silling - Replace         35         24         \$35.077           51.31         74.1         Cow Shoped Silbed Root - Replace         30         19         \$35.077           51.31         74.1         Cow Shoped Silbed Root - Replace         30         19         \$35.3           51.31         Tower Composition Singlies - Replace energian         80         39         \$35.3           51.31         Tower Composition Singlies - Replace energian         80         39         \$35.3           51.31         Cow Shoped Singbard Root Replace         50         29         \$12.188           51.31         Cow Shoped Singbard Root Replace         50         19         \$22.065           51.31         Statemane Replace         50         19         \$22.065           51.31         Statemane Replace         60         50         19           51.31         Statedware Maintenance         51         1	-									
sh.8         64.0         brick Siding - Maintenance         20         9           Sk3         64.2         CMU Wall - Tuck Fohich         20         9           Sk3         64.3         Meal Siding - Replace         35         24.4         \$35.077           Sk3         Sk3         Scappers, Guttras & Bownspott - Replace         30         19         \$98.622           Sk3         7.41         Low Sloped Ribbed Roof - Replace         30         19         \$98.622           Sk3         7.43         Tower Meal Roof Roof Replace         30         19         \$98.622           Sk3         7.44         Low Sloped Snoth Roof Replace         30         19         \$14.122           Sk3         7.44         Norer Meal Roof Roof Replace         30         19         \$14.122           Sk3         7.45         Apparatus Bay Meal Roof - Replace         30         19         \$14.122           Sk3         62.0         Overhaed Bay Door S Hardware - Maintenance         5         2         \$12.18           Sk3         82.3         Overhaed Bay Door S Hardware - Replace         30         19         \$7.625           Sk4         Starfwort System - Naintenance         15         4         \$7.625         \$14.12										
Sh.5         64.2         CMU Wall -Tuck Point         20         9           Sh.5         64.4         Fiber Commt Board Siding - Repire         10         1         533.077           Sh.5         64.4         Metal Siding - Repire         35         24         530.077           Sh.5         7.13         Scuppers, Gutters & Downspotts - Repiree         30         49           Sh.5         7.41         Low Sipod Sinbed Roof - Repiree         30         19           Sh.5         7.41         Low Sipod Sinbed Roof - Repiree         50         75           Sh.5         7.41         Tower Composition Sinlingis - Repiree         50         75           Sh.5         7.41         Tower Composition Sinlingis - Repiree         30         19           Sh.5         7.42         Low Singed Ribbeal Roof - Repiree         30         19           Sh.5         7.42         Coverhead Bay Doors & Hardware - Meintenance         50         2         \$28.265           Sinsi         8.22         Overhead Bay Doors & Hardware - Repiree         30         19         57.625           Sinsi         8.23         Storefront System - Maintenance         15         4         57.625           Sinsi         8.25         Cororets										
Sind         6.4.3         Fiber Comment Board Siding - Replace         10         11         St3.077           Stsp         6.4.4         Metal Siding - Replace         15         4         \$98,622           Stsp         7.1.5         Seupers, Gutters & Downspouts - Replace         50         19           Stsp         7.1.5         Scupers, Gutters & Downspouts - Replace         50         19           Stsp         7.4.1         Low Sloped Smooth Roof - Replace         50         19           Stsp         7.4.4         Tower Metal Roof - Replace         50         19           Stsp         7.4.5         Tower Metal Roof - Replace         40         29           Stsp         7.4.5         Roof Inspection & Minor Repsite         50         19           Stsp         7.4.5         Roof Inspection & Minor Repsite         50         19           Stsp         6.3.5         Confined Boor A Minor Repsite         50         19           Stsp         6.3.5         Confined Boor A Minor Repsite         50         19           Stsp         6.3.5         19         \$7.625         \$2.2           Stsp         6.3.5         19         \$7.625         \$2.5.60           Stsp         8.3.5 </th <th></th> <th></th> <th>-</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>			-							
55.5         6.4.4         Metal Siling - Replace         35         24         \$98,622           55.5         7.1         Scupers, Gutter & Downpouts - Replace         30         19           55.5         7.4.1         Low Sloped Ribbed Roof - Replace         30         19           55.5         7.4.1         Low Sloped Sinder Roof - Replace         30         19           55.5         7.4.1         Tower Composition Singles - Replace         50         35           55.5         7.4.1         Tower Composition Singles - Replace         50         35           55.5         7.4.7         Tower Composition Singles - Replace         50         2           55.5         7.4.7         Folding Bay Doors & Hardware - Replace         30         19           55.5         82.7         Folding Bay Doors & Hardware - Replace         30         19           55.6         82.8         Storefront System - Maintenance         15         4         4           55.6         82.8         Storefront System - Replace         40         29         5           55.6         85.8         Storefront System - Replace         40         29         5           55.6         85.8         Storefront System - Replace         10						\$13.077				
8x89         7.11         Sealant.Joints - Replace         15         4           8x89         7.21         Scupper, Guttres & Downspouts - Replace         30         19           8x89         7.42         Low Sloped Robbed Roof - Replace         30         19           8x89         7.43         Tower Composition Shingles - Replace         30         19           8x89         7.43         Tower Metal Roof - Replace         40         29           8x89         7.45         Apparatus Bay Metal Roof - Replace         50         2           8x89         7.45         Apparatus Bay Metal Roof - Replace         50         2           8x89         2.2         Overhead Bay Door & Hardware - Replace         50         19           8x89         2.3         Overhead Bay Door & Hardware - Replace         50         19           8x89         2.3         Storefront System - Replace         60         50           8x89         8.3         Storefront System - Replace         60         50           8x89         8.3         Storefront System - Replace         60         50           8x89         8.4         Auminum Window - Replace         60         50           8x89         Restar Storefront System - Repl	-					\$13,077			\$98.622	
Sins 7.31         Scuppers, Gutters & Downspouts - Replace         30         19           Sins 7.41         Low Sloped Sinder Roof - Replace         30         19           Sins 7.42         Low Sloped Sinder Roof - Replace         30         19           Sins 7.43         Tower Composition Singles - Replace         30         19           Sins 7.44         Tower Composition Singles - Replace         50         33           Sins 7.44         Forwer Composition Singles - Replace         50         33           Sins 7.44         Roof Inspection Allor Replace         50         31           Sins 7.44         Roof Inspection Singles - Replace         30         19           Sins 7.42         Overhaed Bay Doors & Hardware - Replace         30         19           Sins 7.42         Overhaed Bay Doors & Hardware - Replace         30         19           Sins 7.42         Colling Pay Door Opartor - Contingency         5         2         \$28.265           Sins 7.42         Colling Pay Door Controp - Cont									ψJ0,022	
Sh.5       7.41       Low Sloped Ribbed Roof - Replace       30       19         Sh.5       7.43       Tower Composition Shingles - Replace       30       19         Sh.5       7.44       Tower Mela Roof - Replace       50       70         Sh.5       7.44       Apparatus Bay Metal Roof - Replace       40       229         Sh.5       7.44       Roof Inspection & Hinor Repare       5       2       \$12.88         Sh.5       7.45       Apparatus Bay Metal Roof - Replace       50       19       \$12.88         Sh.5       2.2       Overhead Bay Door S & Hardware - Replace       50       19       \$28.265         Sh.5       2.2       Overhead Bay Door S & Hardware - Replace       50       19       \$7.625         Sh.5       5.2       Doors & Hardware - Replace       60       50       \$5.5       \$5.5         Sh.5       5.3       Stortforn System - Naintenance       15       4       \$5.4       \$5.5         Sh.5       5.3       Concrets Siding - Maintenance       16       1       \$5.4       \$5.5         Sh.5       5.3       Concrets Siding - Maintenance       16       1       \$5.4       \$5.4         Sh.5       5.3       Concrets Siding - Ma										
Sh.59         7.42         Low Sloped Smooth Root - Replace         30         19           Sh.59         7.43         Tower Composition Shingles - Replace         50         30         19           Sh.59         7.45         Tower Composition Shingles - Replace         50         250         50										
5k-55         7-43         Tower Composition Shingles - Replace         50         19           5k-57         7-45         Apparatus Bay Metal Roof - Replace         700         220           5k-57         7-45         Apparatus Bay Metal Roof - Replace         700         220           5k-57         7-56         Roof Inspection & Minor Repair         5         3         \$12188           5k-57         7-62         Vershed Bay Doors & Hardware - Replace         5         2         \$28.255           5k-58         8.23         Overhead Bay Door Operator - Contingency         5         1         \$7.625           5k-58         8.23         Doors & Hardware - Maintenance         15         4         \$5.625           5k-56         8.33         Storefront System - Replace         60         50         \$5.63           5k-56         8.31         Aluminum Windows - Replace         60         50         \$5.63          5k-56         9.82         Concrete Siding - Maintenance         12         1         \$5.64           5k-56         9.84         Fiber Generit Maintenance         6         4         \$17.728         \$52.2           5k-56         9.84         Fiber Generit Maintenance         10         2         \$5.640						· · · ·				
Sinds         7.44         Tower Metal Roof - Replace         50         50           Sinds         7.46         Roof Inspection & Minor Replar         5         3         \$12.188           Sinds         8.22         Overhead Bay Doors & Hardware - Maintenance         5         2         \$12.188           Sinds         8.23         Overhead Bay Doors & Hardware - Maintenance         5         2         \$28.265           Sinds         8.24         Overhead Bay Door S & Hardware - Maintenance         5         1         \$7.625           Sinds         8.25         Doors & Hardware - Maintenance         6         1         \$7.625           Sinds         8.23         Storefront System - Replace         60         50         \$7.63           Sinds         8.24         Concrets Siding - Maintenance         16         1         \$7.625           Sinds         8.24         Concrets Siding - Maintenance         6         1         \$7.625           Sinds         8.25         Storefort System - Replace         60         12         1         \$5.540           Sinds         Place         Concrets Siding - Maintenance         12         1         \$5.24           Sinds         10.41         Exteror Sidi Poetsal Unintre. Re	-									
Sinds         7.46         Roof Inspection & Minor Repair         5         3         \$14,122           Sinds         82.2         Overhead Bay Doors & Hardware - Maintenance         5         2         \$12,188           Sinds         82.2         Overhead Bay Doors & Hardware - Maintenance         30         19         \$228,265           Sinds         82.2         Doors & Hardware - Maintenance         30         19         \$7,625           Sinds         82.3         Storeford System - Maintenance         15         4         \$7,625           Sinds         82.3         Storeford System - Replace         60         50         \$7,725           Sinds         82.3         Concrets Gling - Maintenance         6         1         \$5,53           Sinds         Repair         Falser Green System - Replace         60         50         \$5,54           Sinds         Place Concrets Gling - Maintenance         6         4         \$17,728         \$5,54           Sinds         Tote Concrets Gling Falser System - Replace         20         8         \$24,547           Sinds         10.4         Exterior Signage - Refrichs         10         2         \$5,540           Sinds         11.4         Oprorasis Aradware <td< th=""><th>Stn.51</th><th>7.4.4</th><th>Tower Metal Roof - Replace</th><th></th><th>39</th><th></th><th></th><th></th><th></th><th></th></td<>	Stn.51	7.4.4	Tower Metal Roof - Replace		39					
Sh:50         8.21         Folding Bay Doors & Hardware - Maintenance         5         2         \$12108           Sh:51         8.22         Overhead Bay Doors & Hardware - Replace         30         19         \$28,255           Sh:51         8.23         Overhead Bay Door A Maintenance         30         19         \$28,255           Sh:51         8.25         Doors & Hardware - Maintenance         5         1         \$7,625           Sh:51         8.25         Storefront System - Replace         60         50         \$7,625           Sh:51         8.25         Storefront System - Replace         40         29         \$5,53           Sh:51         9.82         Cencrete Siding - Maintenance         12         1         \$5,54           Sh:51         9.82         Exterior Steel - Maintenance         12         1         \$5,54           Sh:51         9.84         Fiber Coment Board Siding - Caulk & Paint         8         1         \$5,540           Sh:51         10.51         Exterior Steel - Maintenance         25         14         \$5,540           Sh:51         11.1         Propane Forkiift - Replace         22         8         \$24,547           Sh:51         11.2         Admin Ktohen Edupiment - Conting	Stn.51	7.4.5		40	29					
Sn.51         82.2         Overhead Bay Doors & Hardware - Replace         30         19           Sn.51         82.3         Overhead Bay Door Operator - Contingency         5         2         \$28,265           Sn.51         82.4         Colling Door - Maintenance         5         1         \$7,625           Sn.51         82.5         Storefront System - Maintenance         15         4           Sn.51         83.5         Storefront System - Maintenance         60         50           Sn.51         83.5         Storefront System - Replace         60         50           Sn.51         9.83         Cedar Wood Siding - Maintenance         6         1         \$54,51           Sn.51         9.83         Exterior Steel - Maintenance         6         4         \$17,728           Sn.51         9.84         Fiber Gement Board Siding - Caulk & Plant         6         1         \$55,540           Sn.51         9.84         Fiber Gement Board Siding - Caulk & Plant         6         1         \$57,625           Sn.51         9.83         Exterior Steel - Maintenance         20         8         \$57,625           Sn.51         9.83         Exterior Steel - Maintenance         20         8         \$52,123 <t< th=""><th>Stn.51</th><th>7.4.6</th><th>Roof Inspection &amp; Minor Repair</th><th>5</th><th>3</th><th></th><th></th><th>\$14,122</th><th></th><th></th></t<>	Stn.51	7.4.6	Roof Inspection & Minor Repair	5	3			\$14,122		
Sh.5         8.2.3         Overhead Bay Door Operator - Contingency         5         2         \$28,265           Sh.5         8.2.5         Colling Door Maintenance         5         19         \$7,625           Sh.5         8.3.5         Storefront System - Maintenance         15         4         \$7,625           Sh.5         8.3.5         Storefront System - Replace         60         50         \$5           Sh.5         8.3.5         Storefront System - Replace         60         50         \$5           Sh.5         9.8.2         Concrete Siding - Maintenance         6         1         \$52,40           Sh.5         9.8.2         Concrete Siding - Maintenance         6         4         \$17,728           Sh.5         9.8.4         Fiber Cornert Board Siding - Cault& & Paint         8         1         \$52,40           Sh.5         10.5         Exterior Singeng - Refurbish         10         2         \$52,40           Sh.5         11.4         Propene Foridit + Replace         20         8         \$5,540           Sh.5         11.4         Admin Kitchen Equipment - Contingency         5         3         \$34,547           Sh.5         11.4         Admin Kitchen Equipment - Contingency	Stn.51	8.2.1	Folding Bay Doors & Hardware - Maintenance	5	2		\$12,188			
Sn.5         8.2.4         Colling Door - Maintenance         50         19         57.625           Sn.5         8.2.5         Doora & Hardware - Maintenance         15         4         4           Sn.5         8.3.3         Storefront System - Replace         60         50         5           Sn.5         8.3.4         Aluminum Windows - Replace         60         50         5           Sn.5         8.3.5         Concrets Siding - Maintenance         6         1         \$54,4           Sn.5         So.5         Fiber Cement Board Siding - Caulk & Paint         8         1         \$55,40         \$52,1           Sn.5         10.41         Exterior Signage - Refurbish         10         2         \$5,540         \$52,1           Sn.5         10.41         Exterior Mail Pedestal Unit - Replace         20         8         \$5,540         \$52,1           Sn.5         11.1         Propane Forkilf - Replace         10         6         \$5,540         \$52,1           Sn.5         11.2         Duty Crew Kitchen Equipment - Contingency         5         3         \$34,547           Sn.5         11.8         Admin Kitchen Equipment - Contingency         5         3         \$34,547           Sn.5 <th>Stn.51</th> <th>8.2.2</th> <th>Overhead Bay Doors &amp; Hardware - Replace</th> <th>30</th> <th>19</th> <th></th> <th></th> <th></th> <th></th> <th></th>	Stn.51	8.2.2	Overhead Bay Doors & Hardware - Replace	30	19					
Sn51         8.2.5         Doors & Hardware - Maintenance         5         1         \$7.625           Sn51         8.3.1         Storefront System - Replace         60         50           Sn51         8.3.1         Aluminum Windows - Replace         60         50           Sn51         8.3.1         Cedar Wood Siding - Maintenance         61         1         \$54,4           Sn51         9.8.2         Concrete Siding - Maintenance         64         10         \$52,1           Sn51         9.8.2         Concrete Siding - Maintenance         64         40         29           Sn51         0.6.1         Exterior Stange - Refurbish         6         4         \$17,728           Sn51         10.4.1         Exterior Stange - Refurbish         10         2         \$5,540           Sn51         10.4.1         Exterior Stange - Refurbish         10         6         \$50           Sn51         11.1         Propane Forklift - Replace         20         8         \$51,41         \$53,4547           Sn51         11.4         Admini Kitchen Equipment - Contingency         5         3         \$53,4547           Sn51         11.4         Admin Compressor System - Replace         12         1         \$27,	Stn.51	8.2.3	Overhead Bay Door Operator - Contingency	5	2		\$28,265			
Sh.5         8.3.1         Storefront System - Neplace         15         4           Sh.5         8.3.2         Storefront System - Replace         60         50           Sh.5         8.3.1         Aluminum Windows - Replace         60         29           Sh.5         9.8.1         Cedar Wood Siding - Maintenance         6         1         \$54.           Sh.5         9.8.1         Concrets Siding - Maintenance         6         4         \$17.728           Sh.5         9.8.4         Fiber Cement Board Siding - Caulk & Paint         8         1         \$52.1           Sh.5         10.4.1         Exterior Signage - Refurbish         10         2         \$55.40           Sh.5         10.4.1         Propane Forklift - Replace         20         8         \$54.51           Sh.5         11.1         Propane Forklift - Replace         20         8         \$54.51           Sh.5         11.4         Admin Kitchen Equipment - Contingency         5         3         \$34.547           Sh.5         16.1         Laurdry Equipment - Contingency         5         3         \$36.608           Sh.5         16.3         Laine Gene Extractor - Replace         12         1         \$21.5           Sh	Stn.51	8.2.4	Coiling Door - Maintenance	30	19					
Sn.51         8.32         Storefront System - Replace         60         50           Sn.51         9.81         Cedar Wood Siding - Maintenance         6         1         \$54,           Sn.51         9.82         Concrete Siding - Maintenance         6         1         \$54,           9.82         Concrete Siding - Maintenance         6         1         \$17,728         \$12           Sn.51         9.84         Fiber Cement Board Siding - Caulk & Paint         8         1         \$52,4           Sn.51         10.51         Exterior Steam et Siding - Contingence         20         8         \$10           Sn.51         11.1         Propare Forklift - Replace         20         8         \$34,547           Sn.51         11.4         Admin Ktchen Equipment - Contingency         5         3         \$34,647           Sn.51         16.4         Laundy Equipment - Contingency         5         3         \$86.08           Sn.51         16.3         Remair Gear Dryer - Replace         12         1         \$27,           Sn.51         18.1         Air Compressor System - Replace         15         4         \$27,553           Sn.51         12.1         Admin Comon Areas - Repaint         16         \$35,227 </th <th>Stn.51</th> <th>8.2.5</th> <th>Doors &amp; Hardware - Maintenance</th> <th>5</th> <th>1</th> <th>\$7,625</th> <th></th> <th></th> <th></th> <th></th>	Stn.51	8.2.5	Doors & Hardware - Maintenance	5	1	\$7,625				
Sn.51         Aluminum Windows - Replace         40         29           Sn.51         9.81         Cedar Wood Siding - Maintenance         6         1         \$54,           Sn.51         9.82         Concrete Siding - Maintenance         6         1         \$54,           Sn.51         9.83         Exterior Stel - Maintenance         6         4         \$17,728           Sn.51         9.84         Fiber Cement Board Siding - Caulk & Paint         8         1         \$52,4           Sn.51         10.41         Exterior Signage - Refurbish         10         2         \$5,540         \$52,4           Sn.51         10.41         Exterior Signage - Refurbish         10         6         4         \$51,4         \$51,4           Sn.51         10.41         Exterior Signage - Refurbish         10         6         4         \$51,4         \$51,4           Sn.51         11.4         Porpane Forklift - Replace         10         6         5         \$51,540         \$51,540           Sn.51         11.4         Autory Explorement - Contingency         5         3         \$54,547         \$51,540           Sn.51         11.62         Ramair Gear Dryer - Replace         12         1         \$51,510         <	Stn.51									
Sin.5         9.8.1         Cedar Wood Siding - Maintenance         6         1         \$\$54, \$\$1, \$\$1, \$\$1, \$\$1, \$\$1, \$\$1, \$\$1, \$\$										
Sn 51         9.82         Concrete Siding - Maintenance         12         1         State           Sn 51         9.83         Exterior Steel - Maintenance         6         4         St7.728           Sn 51         9.84         Fiber Commet Board Siding - Caulk & Paint         8         1         St5.21           Sn 51         0.41         Exterior Signage - Refurbish         10         2         \$5.540           Sn 51         0.51         Exterior Mail Pedestal Unit - Replace         20         8            Sn 51         11.1         Propane Forklift - Replace         20         8             Sn 51         11.4         Admin Kitchen Equipment - Contingency         5         3         \$34,547           Sn 51         16.1         Laundry Equipment - Contingency         5         3         \$34,547           Sn 51         16.2         Unimac Gear Extractor - Replace         12         1         \$22           Sn 51         18.1         Aur Compressor System - Replace         15         4         \$27           Sn 51         12.1         Aparatus Bay - Refurbish         20         9         \$36,787           Sn 51         1.1.4         Formormon Areas - Repaint         <										¢54407
Sh 5         9.8.3         Exterior Steel - Maintenance         6         4         \$17,728           Sh 5         9.8.4         Fiber Cement Board Siding - Caulk & Paint         8         1         \$52,1           Sh 5         9.8.4         Fiber Cement Board Siding - Caulk & Paint         8         1         \$52,1           Sh 5         10.5         Exterior Signage - Refurbish         10         2         \$52,1           Sh 5         11.41         Admin Kitchen Equipment - Contingency         5         3         \$34,547           Sh 5         11.42         Duty Crew Kitchen Equipment - Contingency         5         3         \$86.08           Sh 51         11.62         Unimac Gear Extractor - Replace         12         1         \$27,51           Sh 51         11.62         Unimac Gear Extractor - Replace         12         1         \$27,51           Sh 51         11.62         Admin Common Areas - Replate         15         4         \$36,787           Sh 51         12.13         Exercise Room - Refurbish         20         9         \$36,787           Sh 51         12.14         Buant Gear Storage - Refurbish         10         3         \$36,787           Sh 51         12.15         Exercise Room - Refu			-							\$54,497
Sin.51       9.8.4       Fiber Cement Board Siding - Caulk & Paint       8       1       \$52,1         Sin.51       10.41       Exterior Signage - Refurbish       10       2       \$5,540         Sin.51       10.15       Exterior Mail Pedestal Unit - Replace       20       8         Sin.51       11.41       Admin Kitchen Equipment - Contingency       10       6         Sin.51       11.42       Duty Crew Kitchen Equipment - Contingency       5       3       \$34,547         Sin.51       11.62       Quty Crew Kitchen Equipment - Contingency       5       3       \$34,547         Sin.51       11.62       Ramair Gear Dryer - Replace       12       1       \$86,608         Sin.51       11.81       Alar Compressor System - Replace       12       1       \$27,         Sin.51       12.11       Apparatus Bay - Refurbish       20       9       \$36,787         Sin.51       12.12       Admin Common Areas - Replace       15       4       \$36,787         Sin.51       12.13       Exercise Room - Refurbish       10       3       \$36,787         Sin.51       12.14       Admin Offices - Refurbish       16       5       \$353,227         Sin.51       12.15       Admin O			-				¢17 700			\$12,610
Stn.51         10.41         Exterior Signage - Refurbish         10         2         \$5,540           Stn.51         10.51         Exterior Mail Pedestal Unit - Replace         25         14           Stn.51         11.41         Admin Kitchen Equipment - Contingency         10         6           Stn.51         11.41         Admin Kitchen Equipment - Contingency         5         3         \$34,547           Stn.51         11.62         Unimac Gear Extractor - Replace         12         1         \$227,           Stn.51         11.62         Unimac Gear Extractor - Replace         12         1         \$27,           Stn.51         11.81         Air Compressor System - Replace         12         1         \$27,           Stn.51         12.11         Apparatus Bay - Refurbish         25         14         \$27,           Stn.51         12.13         Exercise Room - Refurbish         20         9         \$36,787           Stn.51         12.14         Bunk Gear Storage - Refurbish         10         3         \$36,787           Stn.51         12.15         Admin Offices - Refurbish         10         5         \$53,227           Stn.51         12.14         Bunk Gear Storage - Refurbish         10         5	-						\$17,720			\$52,860
Stn.51         10.5.1         Exterior Mail Pedestal Unit - Replace         25         14           Stn.51         11.1         Propane Forkilf - Replace         20         8           Stn.51         11.4         Admin Krickine Equipment - Contingency         5         3         \$34,547           Stn.51         11.4.2         Duty Crew Kitchen Equipment - Contingency         5         3         \$34,547           Stn.51         11.6.1         Laundry Equipment - Contingency         5         3         \$34,547           Stn.51         11.6.2         Unime Geer Extractor - Replace         12         1         \$21           Stn.51         11.6.3         Ramair Geer Dryer - Replace         12         1         \$27           Stn.51         11.8.3         Air Compressor System - Replace         15         4         \$27           Stn.51         12.1         Apparatus Bay - Refurbish         25         14         \$27           Stn.51         12.1         Apparatus Bay - Refurbish         26         9         \$36,787           Stn.51         12.1         Apparatus Bay - Refurbish         10         3         \$36,787           Stn.51         12.1         Butk Geer Storage - Refurbish         10         5			-				\$5 540			ψ52,000
Stn.51         II.11         Propane Forklift - Replace         20         8           Stn.51         II.4.1         Admin Kitchen Equipment - Contingency         10         6           Stn.51         II.42         Duty Crew Kitchen Equipment - Contingency         5         3         \$34,547           Stn.51         II.62         Unimac Geer Extractor - Replace         12         1         \$8,608           Stn.51         II.63         Ramar Gear Dryer - Replace         12         1         \$\$27,           Stn.51         II.81         Alr Compressor System - Replace         15         4         \$\$27,           Stn.51         II.81         Apparatus Bay - Refurbish         25         14         \$\$27,           Stn.51         II.13         Exercise Room - Refurbish         20         9         \$\$15,112,12         Admin Ommon Areas - Repaint         16         5         \$\$36,787           Stn.51         II.14         Bunk Gear Storage - Refurbish         10         3         \$\$18,437           Stn.51         II.15         Admin Offices - Refurbish         10         3         \$\$18,437           Stn.51         II.16         Liblic & Admin Restrooms - Refurbish         10         \$\$18,437           Stn.51         <							\$9,040			
stn.51         11.4.1         Admin Kitchen Equipment - Contingency         10         6           Stn.51         11.4.2         Duty Crew Kitchen Equipment - Contingency         5         3         \$\$34,547           Stn.51         11.62         Unimac Gear Extractor - Replace         12         1         \$\$21           Stn.51         11.62         Unimac Gear Extractor - Replace         12         1         \$\$27           Stn.51         11.62         Ramair Gear Dryer - Replace         12         1         \$\$27           Stn.51         12.11         Apparatus Bay - Refurbish         25         14         \$\$27           Stn.51         12.12         Admin Common Areas - Repaint         16         5         \$\$36,787           Stn.51         12.12         Admin Common Areas - Repaint         16         5         \$\$36,787           Stn.51         12.14         Bunk Gear Storage - Refurbish         10         3         \$\$18,437           Stn.51         12.15         Admin Offices - Refurbish         10         3         \$\$18,437           Stn.51         12.17         Public Meeting Room - Refurbish         12         1         \$\$31,632           Stn.51         12.17         Public & Admin Restrooms - Refurbish										
stn.51       11.4.2       Duty Crew Kitchen Equipment - Contingency       5       3       \$34,547         stn.51       11.6.1       Laundry Equipment - Contingency       5       3       \$8,608         stn.51       11.6.1       Caumac Gear Extractor - Replace       12       1       \$227         stn.51       11.8.3       Ramir Gear Dryer - Replace       12       1       \$277         stn.51       11.8.1       Air Compressor System - Replace       15       4       \$25       14         stn.51       12.1       Apparatus Bay - Refurbish       25       14       \$36,787         stn.51       12.1.4       Bunk Gear Storage - Refurbish       10       3       \$36,787         stn.51       12.1.5       Admin Offices - Refurbish       10       3       \$37,227         stn.51       12.1.6       Lobby - Refurbish       16       5       \$53,227         stn.51       12.1.7       Public Meeting Room - Refurbish       12       1       \$37,51         stn.51       12.1.7       Public Meeting Room - Refurbish       20       9       \$31,632         stn.51       12.1.8       Public Meeting Room Areas - Touchup Paint       16       15       \$37,06         stn.51 <th></th>										
Stn.51       11.6.2       Unimac Gear Extractor - Replace       12       1       \$21         Stn.51       11.6.3       Ramair Gear Dryer - Replace       12       1       1       \$27         Stn.51       11.8.1       Air Compressor System - Replace       15       4       \$27         Stn.51       12.1       Appratus Bay - Refurbish       25       14       \$25         Stn.51       12.1.2       Admin Common Areas - Repaint       16       5       \$36,787         Stn.51       12.1.3       Exercise Room - Refurbish       20       9       \$11.13       \$11.14	Stn.51	11.4.2	Duty Crew Kitchen Equipment - Contingency	5	3			\$34,547		
Sin.5         II.6.3         Ramair Gear Dryer - Replace         12         1         \$27,           Sin.5         II.8.1         Air Compressor System - Replace         15         4	Stn.51	11.6.1	Laundry Equipment - Contingency	5	3			\$8,608		
Stn.51         11.8.1         Air Compressor System - Replace         15         4           Stn.51         12.11         Apparatus Bay - Refurbish         25         14           Stn.51         12.12         Admin Common Areas - Repaint         16         5         \$36,787           Stn.51         12.13         Exercise Room - Refurbish         20         9         \$18,437           Stn.51         12.14         Bunk Gear Storage - Refurbish         10         3         \$18,437           Stn.51         12.15         Admin Offices - Refurbish         16         5         \$53,227           Stn.51         12.16         Lobby - Refurbish         16         5         \$53,227           Stn.51         12.17         Public Meeting Room - Refurbish         12         1         \$37,           Stn.51         12.21         Duby Crew Common Areas - Full Repaint         16         7         \$31,632           Stn.51         12.22         Duby Crew Common Areas - Touchup Paint         16         15         \$57,006           Stn.51         12.23         Duby Crew Sleep Room Interiors - Refurbish         10         3         \$57,006           Stn.51         12.24         Duby Crew Kitchen Interiors - Refurbish         10	Stn.51	11.6.2	Unimac Gear Extractor - Replace	12	1					\$21,921
stn.51       12.1.1       Apparatus Bay - Refurbish       25       14         stn.51       12.1.2       Admin Common Areas - Repaint       16       5       \$36,787         stn.51       12.1.3       Exercise Room - Refurbish       20       9       \$18,437         stn.51       12.1.4       Bunk Gear Storage - Refurbish       10       3       \$35,227         stn.51       12.1.6       Lobby - Refurbish       16       \$\$53,227         stn.51       12.1.7       Public Meeting Room - Refurbish       12       1         stn.51       12.1.7       Public & Admin Restrooms - Refurbish       12       1         stn.51       12.2.1       Duty Crew Common Areas - Full Repaint       16       7       \$31,632         stn.51       12.2.2       Duty Crew Sleep Room Interiors - Refurbish       10       3       \$57,006         stn.51       12.2.2       Duty Crew Kitchen Interiors - Refurbish       10       9       \$57,006         stn.51       12.2.4       Duty Crew Kitchen Interiors - Refurbish       10       2       \$4,432         stn.51       12.2.6       Duty Crew Restrooms - Refurbish       10       2       \$4,432         stn.51       12.2.6       Duty Crew Restrooms - Refurbish <th>Stn.51</th> <th>11.6.3</th> <th>Ramair Gear Dryer - Replace</th> <th>12</th> <th>1</th> <th></th> <th></th> <th></th> <th></th> <th>\$27,395</th>	Stn.51	11.6.3	Ramair Gear Dryer - Replace	12	1					\$27,395
Stn.51       12.12       Admin Common Areas - Repaint       16       5       \$36,787         Stn.51       12.13       Exercise Room - Refurbish       20       9       \$15,13         Stn.51       12.14       Bunk Gear Storage - Refurbish       10       3       \$18,437         Stn.51       12.15       Admin Offices - Refurbish       16       5       \$53,227         Stn.51       12.16       Lobby - Refurbish       15       6       \$42,594         Stn.51       12.17       Public Meeting Room - Refurbish       20       9       \$37,551         Stn.51       12.18       Public & Admin Restrooms - Refurbish       20       9       \$37,632         Stn.51       12.18       Public & Admin Restrooms - Refurbish       20       9       \$37,632         Stn.51       12.21       Duty Crew Common Areas - Foull Repaint       16       7       \$31,632         Stn.51       12.22       Duty Crew Common Areas - Touchup Paint       16       15       \$31,632         Stn.51       12.23       Duty Crew Sleep Room Interiors - Refurbish       10       3       \$57,006         Stn.51       12.24       Duty Crew Kitchen Interiors - Refurbish       10       2       \$4,432										
Stn.51         12.1.3         Exercise Room - Refurbish         20         9           Stn.51         12.1.4         Bunk Gear Storage - Refurbish         10         3         \$18,437           Stn.51         12.1.5         Admin Offices - Refurbish         16         5         \$53,227           Stn.51         12.1.6         Lobby - Refurbish         16         5         \$53,227           Stn.51         12.1.7         Public Meeting Room - Refurbish         16         5         \$42,594           Stn.51         12.1.7         Public & Admin Restrooms - Refurbish         20         9         \$37,5           Stn.51         12.1.8         Public & Admin Restrooms - Refurbish         20         9         \$31,632           Stn.51         12.2.1         Duty Crew Common Areas - Touchup Paint         16         15         \$31,632           Stn.51         12.2.2         Duty Crew Common Areas - Touchup Paint         16         15         \$31,632           Stn.51         12.2.4         Duty Crew Sleep Room Interiors - Refurbish         10         3         \$57,006           Stn.51         12.2.4         Duty Crew Kitchen Interiors - Refurbish         10         2         \$4,432           Stn.51         12.2.4         Duty C										
Stn.51         12.14         Bunk Gear Storage - Refurbish         10         3         \$18,437           Stn.51         12.15         Admin Offices - Refurbish         16         5         \$53,227           Stn.51         12.16         Lobby - Refurbish         15         6         \$42,594           Stn.51         12.17         Public & Admin Restrooms - Refurbish         12         1         \$33,632           Stn.51         12.18         Public & Admin Restrooms - Refurbish         10         3         \$42,594           Stn.51         12.18         Public & Admin Restrooms - Refurbish         10         20         9           Stn.51         12.21         Duty Crew Common Areas - Full Repaint         16         7         \$31,632           Stn.51         12.22         Duty Crew Sleep Room Interiors - Refurbish         10         3         \$57,006           Stn.51         12.24         Duty Crew Kitchen Interiors - Refurbish         10         9         \$57,006           Stn.51         12.25         Duty Crew Restrooms - Refurbish         10         2         \$44,432           Stn.51         12.24         Duty Crew Restrooms - Refurbish         10         2         \$36,542           Stn.51         12.42						\$36,787				
Stn.51         121.5         Admin Offices - Refurbish         16         5         \$53,227           Stn.51         12,16         Lobby - Refurbish         15         6         \$42,594           Stn.51         12,17         Public Meeting Room - Refurbish         12         1         \$37,5           Stn.51         12,18         Public & Admin Restrooms - Refurbish         20         9         \$31,632           Stn.51         12,21         Duty Crew Common Areas - Full Repaint         16         7         \$31,632           Stn.51         12,22         Duty Crew Common Areas - Touchup Paint         16         15         \$31,632           Stn.51         12,22         Duty Crew Sleep Room Interiors - Refurbish         10         3         \$57,006           Stn.51         12,24         Duty Crew Kitchen Interiors - Refurbish         10         9         \$51,51           Stn.51         12,25         Duty Crew Office/Training Areas - Refurbish         10         2         \$4,432           Stn.51         12,2.7         Duty Crew Restrooms - Refurbish         10         2         \$36,542           Stn.51         12,4.7         Duty Crew Restrooms - Refurbish         10         2         \$36,542           Stn.51         12										
Stn.51         12.16         Lobby - Refurbish         15         6         \$42,594           Stn.51         12.17         Public Meeting Room - Refurbish         12         1         \$37,5           Stn.51         12.18         Public & Admin Restrooms - Refurbish         20         9         \$37,5           Stn.51         12.18         Public & Admin Restrooms - Refurbish         20         9         \$37,5           Stn.51         12.21         Duty Crew Common Areas - Full Repaint         16         7         \$31,632           Stn.51         12.2.2         Duty Crew Common Areas - Touchup Paint         16         15         \$37,506           Stn.51         12.2.3         Duty Crew Common Areas - Folurbish         10         3         \$57,006           Stn.51         12.2.4         Duty Crew Kitchen Interiors - Refurbish         10         9         \$51,51           Stn.51         12.2.5         Duty Crew Mestrooms - Refurbish         10         2         \$4,432           Stn.51         12.2.7         Duty Crew Restrooms - Refurbish         10         2         \$36,542           Stn.51         12.4.1         1st Floor Interior Carpet Flooring - Replace         16         5         \$52,266           Stn.51 <t< th=""><th></th><th></th><th>-</th><th></th><th></th><th></th><th></th><th>\$18,437</th><th></th><th></th></t<>			-					\$18,437		
Stn.51         12.17         Public Meeting Room - Refurbish         12         1         \$\$37,5           Stn.51         12.18         Public & Admin Restrooms - Refurbish         20         9         9           Stn.51         12.21         Duty Crew Common Areas - Full Repaint         16         7         \$\$31,632           Stn.51         12.22         Duty Crew Common Areas - Touchup Paint         16         15         10         3         \$\$57,006           Stn.51         12.23         Duty Crew Kitchen Interiors - Refurbish         10         3         \$\$57,006           Stn.51         12.24         Duty Crew Kitchen Interiors - Refurbish         10         9         \$\$57,006           Stn.51         12.25         Duty Crew Ritchen Interiors - Refurbish         10         2         \$\$4,432           Stn.51         12.26         Duty Crew Restrooms - Refurbish         10         2         \$\$36,542           Stn.51         12.41         Ist Floor Interior Carpet Flooring - Replace         24         13         \$\$52,266           Stn.51         12.42         2nd Floor Resilient Flooring - Replace         20         9         \$\$51,51           Stn.51         12.43         Ist Floor Resilient Flooring - Replace         16         5										
Stn.51         12.1.8         Public & Admin Restrooms - Refurbish         20         9           Stn.51         12.2.1         Duty Crew Common Areas - Full Repaint         16         7         \$31,632           Stn.51         12.2.2         Duty Crew Common Areas - Touchup Paint         16         15           Stn.51         12.2.3         Duty Crew Sleep Room Interiors - Refurbish         10         3         \$57,006           Stn.51         12.2.4         Duty Crew Kitchen Interiors - Refurbish         10         9         \$57,006           Stn.51         12.2.5         Duty Crew Kitchen Interiors - Refurbish         10         2         \$4,432           Stn.51         12.2.6         Duty Crew Restrooms - Refurbish         10         2         \$4,432           Stn.51         12.2.7         Duty Crew Restrooms - Refurbish         10         2         \$4,432           Stn.51         12.2.7         Duty Crew Restrooms - Refurbish         10         2         \$36,542           Stn.51         12.4.1         Ist Floor Interior Carpet Flooring - Replace         24         13         \$52,266           Stn.51         12.4.3         Ist Floor Resilient Flooring - Replace         20         9         \$51,54           Stn.51         12.4.4			-			\$42,594				¢77760
Stn.51         12.21         Duty Crew Common Areas - Full Repaint         16         7         \$\$31,632           Stn.51         12.22         Duty Crew Common Areas - Touchup Paint         16         15           Stn.51         12.23         Duty Crew Sleep Room Interiors - Refurbish         10         3         \$\$57,006           Stn.51         12.24         Duty Crew Klitchen Interiors - Refurbish         10         9         \$\$           Stn.51         12.25         Duty Crew Mandry Interiors - Refurbish         10         2         \$\$<4,432           Stn.51         12.26         Duty Crew Restrooms - Refurbish         10         2         \$\$         \$\$           Stn.51         12.27         Duty Crew Restrooms - Refurbish         10         2         \$\$         \$\$           Stn.51         12.27         Duty Crew Restrooms - Refurbish         10         2         \$\$         \$\$           Stn.51         12.41         Ist Floor Interior Carpet Flooring - Replace         24         13         \$\$           Stn.51         12.42         2nd Floor Interior Carpet Flooring - Replace         20         9         \$\$           Stn.51         12.43         1st Floor Resilient Flooring - Replace         20         9         \$ <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>\$37,366</th>										\$37,366
Stn.51         12.2.2         Duty Crew Common Areas - Touchup Paint         16         15           Stn.51         12.2.3         Duty Crew Sleep Room Interiors - Refurbish         10         3         \$57,006           Stn.51         12.2.4         Duty Crew Kitchen Interiors - Refurbish         10         9         \$57,006           Stn.51         12.2.5         Duty Crew Kitchen Interiors - Refurbish         10         2         \$4,432           Stn.51         12.2.6         Duty Crew Office/Training Areas - Refurbish         15         4         \$10         2         \$36,542           Stn.51         12.2.7         Duty Crew Restrooms - Refurbish         10         2         \$36,542           Stn.51         12.4.1         Ist Floor Interior Carpet Flooring - Replace         24         13           Stn.51         12.4.2         2nd Floor Interior Carpet Flooring - Replace         16         5         \$52,266           Stn.51         12.4.3         1st Floor Resilient Flooring - Replace         20         9         9           Stn.51         12.4.4         2nd Floor Resilient Flooring - Replace         15         4         4								\$71670		
Stn.51         122.3         Duty Crew Sleep Room Interiors - Refurbish         10         3         \$57,006           Stn.51         122.4         Duty Crew Kitchen Interiors - Refurbish         10         9         \$57,006           Stn.51         122.4         Duty Crew Kitchen Interiors - Refurbish         10         9         \$57,006           Stn.51         122.5         Duty Crew Cerw Laundry Interiors - Refurbish         10         2         \$4,432           Stn.51         122.6         Duty Crew Office/Training Areas - Refurbish         15         4         \$57,006           Stn.51         122.7         Duty Crew Restrooms - Refurbish         10         2         \$36,542           Stn.51         124.1         1st Floor Interior Carpet Flooring - Replace         24         13           Stn.51         124.2         2nd Floor Interior Carpet Flooring - Replace         20         9           Stn.51         124.3         1st Floor Resilient Flooring - Replace         20         9           Stn.51         124.4         2nd Floor Resilient Flooring - Replace         15         4								ΨJ1,0JZ		
Stn.51         12.2.4         Duty Crew Kitchen Interiors - Refurbish         10         9           Stn.51         122.5         Duty Crew Laundry Interiors - Refurbish         10         2         \$4,432           Stn.51         122.6         Duty Crew Office/Training Areas - Refurbish         15         4           Stn.51         122.7         Duty Crew Restrooms - Refurbish         10         2         \$36,542           Stn.51         12.4.1         1st Floor Interior Carpet Flooring - Replace         24         13           Stn.51         12.4.2         Afloor Interior Carpet Flooring - Replace         16         5         \$52,266           Stn.51         12.4.3         1st Floor Resilient Flooring - Replace         20         9         \$51,51           Stn.51         12.4.4         2nd Floor Resilient Flooring - Replace         15         4         \$552,266	-							\$57.006		
Stn.51         122.5         Duty Crew Laundry Interiors - Refurbish         10         2         \$4,432           Stn.51         122.6         Duty Crew Office/Training Areas - Refurbish         15         4           Stn.51         122.7         Duty Crew Restrooms - Refurbish         10         2         \$36,542           Stn.51         124.1         1st Floor Interior Carpet Flooring - Replace         24         13           Stn.51         124.2         Afloor Flooring - Replace         16         5           Stn.51         124.3         1st Floor Resilient Flooring - Replace         20         9           Stn.51         124.4         2nd Floor Resilient Flooring - Replace         16         5           Stn.51         124.4         2nd Floor Resilient Flooring - Replace         20         9           Stn.51         124.4         2nd Floor Resilient Flooring - Replace         15         4								,,000		
Stn.51         12.2.6         Duty Crew Office/Training Areas - Refurbish         15         4           Stn.51         12.2.7         Duty Crew Restrooms - Refurbish         10         2         \$36,542           Stn.51         12.4.1         1st Floor Interior Carpet Flooring - Replace         24         13           Stn.51         12.4.2         2nd Floor Interior Carpet Flooring - Replace         16         5           Stn.51         12.4.3         ist Floor Resilient Flooring - Replace         20         9           Stn.51         12.4.4         2nd Floor Resilient Flooring - Replace         15         4			-				\$4,432			
Stn.51         12.2.7         Duty Crew Restrooms - Refurbish         10         2         \$36,542           Stn.51         12.4.1         1st Floor Interior Carpet Flooring - Replace         24         13           Stn.51         12.4.2         2nd Floor Interior Carpet Flooring - Replace         16         5         \$52,266           Stn.51         12.4.3         1st Floor Resilient Flooring - Replace         20         9         9           Stn.51         12.4.4         2nd Floor Resilient Flooring - Replace         15         4										
Stn.51         12.4.1         1st Floor Interior Carpet Flooring - Replace         24         13           Stn.51         12.4.2         2nd Floor Interior Carpet Flooring - Replace         16         5         \$52,266           Stn.51         12.4.3         1st Floor Resilient Flooring - Replace         20         9           Stn.51         12.4.4         2nd Floor Resilient Flooring - Replace         15         4							\$36,542			
Stn.51         12.4.3 <b>1st Floor Resilient Flooring - Replace</b> 20         9           Stn.51         12.4.4 <b>2nd Floor Resilient Flooring - Replace</b> 15         4	-	12.4.1	1st Floor Interior Carpet Flooring - Replace	24						
Stn.51 12.4.4 2nd Floor Resilient Flooring - Replace 15 4	Stn.51	12.4.2	2nd Floor Interior Carpet Flooring - Replace	16	5	\$52,266				
	Stn.51	12.4.3	1st Floor Resilient Flooring - Replace	20	9					
Stn.51 12.4.5 1st Floor Sheet Flooring - Replace 20 9	Stn.51									
	Stn.51	12.4.5	1st Floor Sheet Flooring - Replace	20	9					

Stn.51	12.4.6	2nd Floor Sheet Flooring - Replace		15	4					
Stn.51	12.4.7	1st Floor Stained Concrete - Refurbish		12	1					\$37,733
Stn.51	12.6.1	Elevator Cab Interior - Remodel		40	29					
Stn.51	14.1.1	Elevator - Major Upgrades		40	29					
Stn.51	14.1.2	Elevators - 5 Year Load Test		5	5					\$13,710
Stn.51	15.2.1	Plumbing System - Contingency		5	3			\$11,523		
Stn.51	15.2.2	Plumbing Supply Lines - Replace		60	49					
Stn.51	15.3.1	Irrigation System - Contingency		10	8					
Stn.51	15.3.2	Storm Water System - Contingency		3	1		\$11,080			\$12,463
Stn.51	15.4.1	Fire Detection System - Maintenance		5	3			\$5,762		
Stn.51		Fire Sprinkler System - Maintenance		15	4					
Stn.51	15.5.1	Water Heater - Contingency		20	9					
Stn.51	15.6.1	Heat Recovery Unit - Replace		25	14					
Stn.51		Indirect Makeup AHU - Replace		20 20	9					
Stn.51 Stn.51	15.6.4	Furnace - Replace VRF Heat Pump - Contingency		6	4		\$42,799			
Stn.51		HVAC System - Contingency		5	3		\$42,799	\$11,523		
Stn.51		Infrared Heaters - Replace		20	9			ψ11,525		
Stn.51	15.7.1	Exhaust Fans - Contingency		5	3			\$17,556		
Stn.51	16.3.1	Electrical System - Contingency		10	8			1.1,111		
Stn.51	16.5.1	Emergency Generator - Replace		30	19					
Stn.51		Generator Fuel Tank - Replace		30	19					
Stn.51	16.6.1	Exterior Light Fixtures - Replace		10	9					
Stn.51	16.8.1	Fire Control Panel - Replace		20	9					
Stn.51	16.9.1	Audio/Visual Equipment - Upgrades		15	4					
Stn.51	17.1.1	Fireblast 451 - Maintenance		10	9					
Stn.51	18.1.1	Security / Surveillance System - Replace		10	1	\$34,071				
Stn.57	2.6.1	Asphalt Paving - Repair		6	1					\$10,069
Stn.57	2.6.2	Asphalt Pavement- Seal Coat & Restripe		6	1					\$12,586
Stn.57	2.7.4	Privacy Wood Fence - Replace		15	8			\$13,986		
Stn.57	2.7.5	Chain-link Fence - Repair		40	18					
Stn.57	2.9.2	Landscaping - Maintenance		8	6		\$11,080			
Stn.57	2.9.3	Wetland - Maintenance		15	13					
Stn.57	3.3.3	Exterior Concrete Paving - Repair		6	2					
Stn.57 Stn.57	6.1.2 6.4.5	Garbage Bin Enclosure - Contingency		20 20	18					
Stn.57 Stn.57	7.3.2	Brick Siding - Maintenance Gutters & Downspouts - Replace		20	° 11					
Stn.57	7.4.7	Metal Roof - Replace		40	11					
Stn.57	7.4.8	Roof Inspection & Minor Repair		5	5					\$7,478
Stn.57	8.2.8	Common Doors & Hardware - Maintenance		10	10					ψ,,ο
Stn.57	8.2.6	Overhead Bay Door - Replace		20	8					
Stn.57	8.2.7	Bay Door Operator - Contingency		20	18					
Stn.57	8.3.3	Storefront System - Maintenance		10	8					
Stn.57	8.5.2	Aluminum Framed Windows - Replace		45	16					
Stn.57	9.8.5	Front Entry Steel Framed Structure - Paint		10	2		\$4,975			
Stn.57	10.4.2	Exterior Signage - Refurbish		15	10					\$6,232
Stn.57	11.4.3	Kitchen Equipment - Contingency		5	6	\$29,288				
Stn.57	11.6.4	Laundry Equipment - Contingency		5	3			\$7,592		
Stn.57	11.6.5	Station Extractor - Bunker Gear Washer		12	5					
Stn.57	11.8.2	Air Compressor - Replace		12	11			\$92,276		
Stn.57	12.3.1	Interior Concrete Floor - Refurbish		25	24				\$18,916	
Stn.57	12.3.2	Apparatus Bay - Refurbish		10	10					
Stn.57		Hallway & Stairwell Walls & Ceiling - Paint		25	10	<b>*</b> 57.007				
Stn.57	12.3.4	Front Reception Desk & Office - Remodel		10	11	\$53,227				
Stn.57		Kitchen - Remodel Day / Dining Room - Remodel		10	10					¢77766
Stn.57 Stn.57	12.3.6	Day / Dining Room - Remodel Duty Crew Sleep Rooms - Refurbish		15 20	10 8					\$37,366
Stn.57 Stn.57		Exercise Room - Refurbish		15	8 14					
Stn.57 Stn.57		Locker & Restroom - Refurbish		15	5					
Stn.57 Stn.57		Laundry & Utility Room - Refurbish		10	8					
Stn.57		Plumbing System - Contingency		10	4				\$11,984	
Stn.57		Irrigation System - Contingency		5	2		\$5,540			
Stn.57		Fire Detection System - Maintenance		15	5					
Stn.57		Wet & Dry Fire Sprinkler System - Contingency		10	8					
Stn.57		Water Heater - Replace		15	2					
Stn.57	15.6.7	HVAC Units - Replace		15	6	\$23,418				
Stn.57	15.6.8	Furnace - Replace		10	4				\$32,945	
Stn.57		Infrared Overhead Heaters - Replace		10	8					
Stn.57		Exhaust Fans - Contingency		5	3			\$10,032		
Stn.57		Electrical System - Contingency		20	8					
	· · · · · · · · · · · · · · · · · · ·	Emergency Generator - Contingency		20	18					
Stn.57		Exterior Light Fixtures - Replace		15	1					
Stn.57		Fire Control Panel - Replace		20	8	A74 A 45				
Stn.57	18.1.2	Security / Surveillance System - Upgrade	EVDENCES	10	1	\$31,941	¢017 077	\$700 700	\$100 10T	\$761.000
		TOTAL ANTICIPATED ANNUAL RESERVE ACCUMULATE				\$381,072 \$1,892,752	\$217,037 \$1940 308	\$398,386	\$2 241 420	\$361,980 \$2,570,690
		ACCUMULATE				\$1,892,752 \$381,072	\$1,940,308 \$217,037	\$2,170,989 \$398,386	\$2,241,420 \$162,467	\$2,570,690 \$361,980
			BALANCE			\$1,511,680	\$1,723,271	\$1,772,603	\$2,078,953	\$2,208,710
		YEARS	1	2-10	11-30	21 (2042 )	22 (2043)	23 (2044)	24 (2045)	25 (2046 )
		CONTRIBUTION INFLATION	0%	3%	4%	4%	4%	4%	4%	4%
		COMPONENT COMPOUND INFLATION	4%	3%	4%	209%	217%	226%	235%	244%
		INTEREST RATE MULTIPLIER	0.5%	2%	3%	3%	3%	3%	3%	3%

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30-YEAR RESERVE STUDY PROJECTIONS WITH STARTING RECOMMENDED FUNDING OF \$182,300 AND COMPOUND INFLATION

_		ANNUAL	RTING RESERV RESERVE CON 1ATED INTERE SPECIAL A	ITRIBUTION	\$2,208,710 \$445,508 \$71,952 \$0	\$2,660,011 \$463,328 \$85,911 \$0	\$3,153,293 \$481,861 \$93,098 \$0	\$3,146,321 \$501,135 \$77,581 \$0	<b>16-Nov-21</b> \$2,103,347 \$521,181 \$68,403 \$0
			ACCUMULAT			\$3,209,250	\$3,728,252	\$3,725,037	\$2,692,931
			MAINT.	NEXT	26	27	28	29	30
Stn.51	# 1 2.4.1	COMPONENT NAME Concrete - Paving Repairs	CYCLE 10	MAINT. 3	2047	2048	2049	2050	2051
Stn.51			10	1					
Stn.51		Prefinished Metal Fence - Replace	30	19					
Stn.51		Prefinished Metal Fence & Gates - Maintenance	10	3					
Stn.51	1 2.7.3	Gate Operator - Maintenance	3	1			\$4,618		
Stn.51	1 2.8.1	Wood Benches - Maintenance	10	3					
Stn.51	1 2.9.1	Landscaping - Maintenance	8	6					\$45,461
Stn.51		Concrete Walkways - Repair	6	1					
Stn.51		Cast Concrete Retaining Walls - Repair	15	4					
Stn.51 Stn.51		Garbage Bin Enclosure - Repair	15 30	4					
Stn.51 Stn.51		Pedestal Paver - Maintenance PVC Thermoplastic Membrane - Replace	30	19					
Stn.51		Brick Siding - Maintenance	20	9				\$28,103	
Stn.51		CMU Wall - Tuck Point	20	9				\$156,669	
Stn.51		Fiber Cement Board Siding - Repair	10	1				+	
Stn.51	-	Metal Siding - Replace	35	24					
Stn.51		Sealant Joints - Replace	15	4					
Stn.51	1 7.3.1	Scuppers, Gutters & Downspouts - Replace	30	19		2			
Stn.51	1 7.4.1	Low Sloped Ribbed Roof - Replace	30	19					
Stn.51	-	Low Sloped Smooth Roof - Replace	30	19					
Stn.51		Tower Composition Shingles - Replace	30	19					
Stn.51		Tower Metal Roof - Replace	50	39					
Stn.51		Apparatus Bay Metal Roof - Replace	40	29			¢17 101	\$47,515	
Stn.51 Stn.51		Roof Inspection & Minor Repair	5	3		\$14,829	\$17,181		
Stn.51		Folding Bay Doors & Hardware - Maintenance Overhead Bay Doors & Hardware - Replace	30	19		\$14,029			
Stn.51		Overhead Bay Door Operator - Contingency	5	2		\$34,388			
Stn.51		Coiling Door - Maintenance	30	19		+,			
Stn.51		Doors & Hardware - Maintenance	5	1	\$9,277				
Stn.51	1 8.3.1	Storefront System - Maintenance	15	4					
Stn.51	1 8.3.2	Storefront System - Replace	60	50					
Stn.51		Aluminum Windows - Replace	40	29				\$503,970	
Stn.51		Cedar Wood Siding - Maintenance	6	1					
Stn.51		Concrete Siding - Maintenance	12	1			¢00.470		
Stn.51 Stn.51		Exterior Steel - Maintenance Fiber Cement Board Siding - Caulk & Paint	6	4	-		\$22,432		
Stn.51		-	10	2					
Stn.51		Exterior Mail Pedestal Unit - Replace	25	14					
Stn.51		Propane Forklift - Replace	20	8			\$61,659		
Stn.51		Admin Kitchen Equipment - Contingency	10	6	\$12,962				
Stn.51	1 11.4.2	Duty Crew Kitchen Equipment - Contingency	5	3		-	\$42,032	-	
Stn.51	1 11.6.1	Laundry Equipment - Contingency	5	3			\$10,474		
Stn.51		Unimac Gear Extractor - Replace	12	1					
Stn.51		Ramair Gear Dryer - Replace	12	1					
Stn.51	_	Air Compressor System - Replace	15	4					
Stn.51 Stn.51		Apparatus Bay - Refurbish Admin Common Areas - Repaint	25 16	14 5					
Stn.51			20	9				\$8,748	
Stn.51		Bunk Gear Storage - Refurbish	10	3				Ψ <b>0</b> ,7 <del>1</del> 0	
Stn.51		Admin Offices - Refurbish	16	5					
Stn.51		Lobby - Refurbish	15	6	<u> </u>				
Stn.51		Public Meeting Room - Refurbish	12	1					
Stn.51		Public & Admin Restrooms - Refurbish	20	9				\$56,092	
Stn.51			16	7					
Stn.51			16	15	<b> </b>				
Stn.51			10	3				*~~	
Stn.51			10	9				\$29,132	
Stn.51 Stn.51			10	2					
Stn.51 Stn.51			15 10	4					
Stn.51 Stn.51		*	24	13	+				
Stn.51			16	5					
Stn.51		1st Floor Resilient Flooring - Replace	20	9				\$6,718	
Stn.51		2nd Floor Resilient Flooring - Replace	15	4					

Stn.51	12.4.6	2nd Floor Sheet Flooring - Replace		15	4	1				
Stn.51	12.4.7	1st Floor Stained Concrete - Refurbish		12	1					
Stn.51	12.6.1	Elevator Cab Interior - Remodel		40	29				\$17,497	
Stn.51	14.1.1	Elevator - Major Upgrades		40	29				\$364,283	
Stn.51	14.1.2			5	5					\$16,680
Stn.51	15.2.1	Plumbing System - Contingency		5	3			\$14,020		
Stn.51		Plumbing Supply Lines - Replace		60	49			<b>*</b> ***		
Stn.51	15.3.1			10	8			\$28,864 \$14,020		
Stn.51 Stn.51	15.3.2	Storm Water System - Contingency Fire Detection System - Maintenance		3 5	3			\$14,020 \$7,010		
Stn.51		Fire Sprinkler System - Maintenance		15	4			\$7,010		
Stn.51	15.5.1			20	9				\$47,458	
Stn.51		Heat Recovery Unit - Replace		25	14					
Stn.51	15.6.2	Indirect Makeup AHU - Replace		20	9				\$28,846	
Stn.51	15.6.3	Furnace - Replace		20	9				\$6,404	
Stn.51		VRF Heat Pump - Contingency		6	4			\$54,155		
Stn.51		HVAC System - Contingency		5	3			\$14,020		
Stn.51		Infrared Heaters - Replace		20	9			404 750	\$44,227	
Stn.51	15.7.1			5	3			\$21,359		
Stn.51	16.3.1			10	8			\$14,020		
Stn.51 Stn.51	16.5.1 16.5.2	Emergency Generator - Replace Generator Fuel Tank - Replace		30 30	19 19					
Stn.51	16.6.1	-		10	9				\$29,132	
Stn.51	16.8.1			20	9				\$10,892	
Stn.51	16.9.1			15	4					
Stn.51	17.1.1	Fireblast 451 - Maintenance		10	9				\$29,132	
Stn.51	18.1.1	Security / Surveillance System - Replace		10	1					
Stn.57	2.6.1	Asphalt Paving - Repair		6	1					
Stn.57	2.6.2	Asphalt Pavement- Seal Coat & Restripe		6	1					
Stn.57	2.7.4	Privacy Wood Fence - Replace		15	8					
Stn.57	2.7.5	Chain-link Fence - Repair		40	18					A1E 10 /
Stn.57	2.9.2	Landscaping - Maintenance		8	6			¢20 012		\$15,164
Stn.57 Stn.57	2.9.3 3.3.3	Wetland - Maintenance Exterior Concrete Paving - Repair		15 6	13 2	\$8,286		\$28,012		
Stn.57 Stn.57	6.1.2	Garbage Bin Enclosure - Contingency		20	18	\$0,200				
Stn.57	6.4.5			20	8			\$35,956		
Stn.57	7.3.2	Gutters & Downspouts - Replace		20	11					
Stn.57	7.4.7	Metal Roof - Replace		40	11					
Stn.57	7.4.8	Roof Inspection & Minor Repair		5	5	- The second sec				\$9,098
Stn.57	8.2.8	Common Doors & Hardware - Maintenance		10	10					\$10,050
Stn.57	8.2.6	Overhead Bay Door - Replace		20	8			\$15,971		
Stn.57	8.2.7	Bay Door Operator - Contingency		20	18			¢ - 7 0 7 -		
Stn.57	8.3.3 8.5.2	Storefront System - Maintenance		10 45	8 16			\$53,935		
Stn.57 Stn.57	9.8.5	Aluminum Framed Windows - Replace Front Entry Steel Framed Structure - Paint		10	2					
Stn.57	10.4.2			15	10					
Stn.57	11.4.3			5	6	\$35,633				
Stn.57	11.6.4	Laundry Equipment - Contingency		5	3			\$9,237		
Stn.57	11.6.5	Station Extractor - Bunker Gear Washer		12	5				\$25,645	
Stn.57	11.8.2	Air Compressor - Replace		12	11					
Stn.57	12.3.1	Interior Concrete Floor - Refurbish		25	24					
Stn.57		Apparatus Bay - Refurbish		10	10					\$40,942
Stn.57	12.3.3	Hallway & Stairwell Walls & Ceiling - Paint		25	10					
Stn.57 Stn.57		Front Reception Desk & Office - Remodel Kitchen - Remodel		10 10	11 10					\$30,298
Stn.57 Stn.57	12.3.5	Day / Dining Room - Remodel		10	10					ψJU,∠30
Stn.57 Stn.57		Duty Crew Sleep Rooms - Refurbish		20	8			\$14,020		
Stn.57	12.3.8	Exercise Room - Refurbish		15	14			÷,020	\$87,426	
Stn.57		Locker & Restroom - Refurbish		15	5					
Stn.57		Laundry & Utility Room - Refurbish		10	8			\$28,012	_	
Stn.57		Plumbing System - Contingency	-	10	4					
Stn.57		Irrigation System - Contingency		5	2		\$6,740			
Stn.57		Fire Detection System - Maintenance		15	5					
Stn.57		Wet & Dry Fire Sprinkler System - Contingency		10	8			\$15,422		
Stn.57		Water Heater - Replace		15	2					
Stn.57 Stn.57		HVAC Units - Replace Furnace - Replace		15 10	6 4					
Stn.57 Stn.57		Infrared Overhead Heaters - Replace		10	8			\$14,020		
Stn.57		Exhaust Fans - Contingency		5	3			\$12,205		
Stn.57		Electrical System - Contingency		20	8			\$18,501		
		Emergency Generator - Contingency		20	18					
Stn.57	16.6.2	Exterior Light Fixtures - Replace		15	1					
301.37	16.8.2	Fire Control Panel - Replace		20	8			\$10,776		
Stn.57		Courter / Curveillance System Ungrade		10	1					
	18.1.2					\$66,158	\$55,957	\$581,931	\$1,621,690	\$167,693
Stn.57		TOTAL ANTICIPATED ANNUAL RESERVE					A7 000 5	A7 700		
Stn.57		TOTAL ANTICIPATED ANNUAL RESERVE ACCUMULATE	D CREDITS			\$2,726,169	\$3,209,250 \$55,957	\$3,728,252 \$581,931	\$3,725,037	\$2,692,931
Stn.57		TOTAL ANTICIPATED ANNUAL RESERVE	D CREDITS ED DEBITS				\$3,209,250 \$55,957 <b>\$3,153,293</b>	\$3,728,252 \$581,931 <b>\$3,146,321</b>		
Stn.57		TOTAL ANTICIPATED ANNUAL RESERVE ACCUMULATE ACCUMULAT	D CREDITS ED DEBITS	2-10	11-30	\$2,726,169 \$66,158	\$55,957	\$581,931	\$3,725,037 \$1,621,690	\$2,692,931 \$167,693
Stn.57		TOTAL ANTICIPATED ANNUAL RESERVE ACCUMULATE ACCUMULATE ACCUMULAT YEARS CONTRIBUTION INFLATION	D CREDITS ED DEBITS BALANCE 1 0%	3%	4%	\$2,726,169 \$66,158 <b>\$2,660,011</b> 26 (2047 ) 4%	\$55,957 <b>\$3,153,293</b> 27 (2048 ) 4%	\$581,931 <b>\$3,146,321</b> 28 (2049 ) 4%	\$3,725,037 \$1,621,690 <b>\$2,103,347</b> 29 (2050 ) 4%	\$2,692,931 \$167,693 <b>\$2,525,238</b> 30 (2051 ) 4%
Stn.57		TOTAL ANTICIPATED ANNUAL RESERVE ACCUMULATE ACCUMULATE YEAR-END YEARS	D CREDITS ED DEBITS BALANCE			\$2,726,169 \$66,158 <b>\$2,660,011</b> 26 (2047 )	\$55,957 <b>\$3,153,293</b> 27 (2048 )	\$581,931 <b>\$3,146,321</b> 28 (2049 )	\$3,725,037 \$1,621,690 <b>\$2,103,347</b> 29 (2050 )	\$2,692,931 \$167,693 <b>\$2,525,238</b> 30 (2051 )

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COMPONENT SUMMARY

Maintenance Cycle:         10 years         Next Maintenance:         Year 3 (2024)           Quantity:         65,610 Square Feet         Unit Cost:         \$8.56 / SF           Estimate:         65,610 SF X 3% X \$8.56/SF = \$16,849 + tax = \$18,550         Unit Cost:         \$8.56 / SF	-
Maintenance Cycle:         10 years         Next Maintenance:         Year 3 (2024)           Quantity:         65,610 Square Feet         Unit Cost:         \$8.56 / SF           Estimate:         65,610 SF X 3% X \$8.56/SF = \$16,849 + tax = \$18,550	Site
Estimate: 65,610 SF X 3% X \$8.56/SF = \$16,849 + tax = \$18,550	110
2021 Notes: The Station feels the pavers are not yet in need of repairs and predicts this will be <b>FUTURE MAINTENAN</b>	CE
needed in 2024. YEAR COS	
Previous Notes: There is a large paved area adjacent to Station 51 providing public parking, secured 3 (2024) \$20,40	
access parking, entry to the Apparatus Bay and a significant paved area around the training tower. Due to the brittle nature of concrete, periodic repairs will be necessary. Funds are budgeted in conjunction with repainting since the same contractor can often complete both projects. It was reported that there are a few areas of concern that will likely be addressed in the near future.	
Stn.51 2.4.2 Concrete - Repaint Stalls & Curbs	Site
Maintenance Cycle: 10 years Next Maintenance: Year 1 (2022)	
Quantity:         76 Each         Unit Cost:         \$20.32 / EA           Estimate:         76 EA X 100% X \$20.32/EA = \$1,544 + tax = \$1,700         Unit Cost:         \$20.32 / EA	
2021 Notes: The Station requests the maintenance cycle be moved to 2022. <b>FUTURE MAINTENAN</b>	CE
Previous Notes: Periodic deep cleaning and restriping of the stalls and curbs will be necessary as	
the concrete is exposed to the elements. We understand that the Station power washes the 1(2022) \$1,76	\$
concrete as needed. The striping in the parking area is coming to the end of its useful life. 11 (2032) \$2,39	
21 (2042) \$3,55	ĺ.
	Site
Maintenance Cycle: 30 years       Next Maintenance: Year 19 (2040)         Quantity: 885 Linear Feet       Unit Cost: \$76.38 / LF	
Estimate:         885 LF X 100% X \$76.38/LF = \$67,596 + tax = \$74,420         Onit Cost:         \$76.38/LF	
2021 Notes: No new updates were reported. FUTURE MAINTENAN	CE
Previous Notes: The fencing is factory finished metal and should require minimal maintenance. The YEAR COS	
budget provides funds to replace the fencing, three walk through gates and one swing gate at the end of its anticipated useful life. The fence and gates were in good condition overall. \$143,7	4
	Site
Maintenance Cycle: 10 years     Next Maintenance: Year 3 (2024)       Quantity: 885 Linear Feet     Unit Cost: \$76.36 / LF	Site
Maintenance Cycle:         10 years         Next Maintenance:         Year 3 (2024)           Quantity:         885 Linear Feet         Unit Cost:         \$76.36 / LF           Estimate:         885 LF X 10% X \$76.36/LF = \$6,758 + tax = \$7,440         Unit Cost:         \$76.36 / LF	
Maintenance Cycle: 10 years       Next Maintenance: Year 3 (2024)         Quantity: 885 Linear Feet       Unit Cost: \$76.36 / LF         Estimate: 885 LF X 10% X \$76.36/LF = \$6,758 + tax = \$7,440       FUTURE MAINTENAN         2021 Notes: No new updates were reported.       FUTURE MAINTENAN	CE
Maintenance Cycle: 10 years       Next Maintenance: Year 3 (2024)         Quantity: 885 Linear Feet       Unit Cost: \$76.36 / LF         Estimate: 885 LF X 10% X \$76.36/LF = \$6,758 + tax = \$7,440       FUTURE MAINTENANCE         2021 Notes: No new updates were reported.       FUTURE MAINTENANCE	CE
Maintenance Cycle: 10 years       Next Maintenance: Year 3 (2024)         Quantity: 885 Linear Feet       Unit Cost: \$76.36 / LF         Estimate: 885 LF X 10% X \$76.36/LF = \$6,758 + tax = \$7,440       FUTURE MAINTENAN         2021 Notes: No new updates were reported.       FUTURE MAINTENAN         Previous Notes: This component budgets funds for periodic repairs to the fencing and gates,       YEAR       Cost	<b>CE</b>



COMPONENT SUMMARY

Stn.51 2.7.3 Gate Operator - Maintenance		Sit
Maintenance Cycle: 3 years Next Maintenance:	Year 1 (2022)	
• •	\$1,525.89 / EA	
Estimate: 1 EA X 100% X \$1,525.89/EA = \$1,526 + tax = \$1,680	\$1,525.057 E	
2021 Notes: No new updates were reported.	FUTURE MAI	NTENANCE
Draviava Natas, A budyaulia aving gate with photo avec controls access to the upper contion of the	YEAR	COST
Previous Notes: A hydraulic swing gate with photo eyes controls access to the upper section of the parking lot. It was reported that the in-ground sensors had approximately \$1,500 worth of work	1 (2022)	\$1,747
completed in the recent past. The photo eyes were out of service at the time of our site visit. The	4 (2025)	\$1,909
budget is intended to fund periodic repairs to the various components of the gate operator. The	7 (2028)	\$2,086
next maintenance is budgeted in three years since it is assumed that the sensors will be fixed this	10 (2031)	\$2,280
year.	13 (2034)	\$2,564
	Repeat Eve	
Stn.51 2.8.1 Wood Benches - Maintenance		Si
Maintenance Cycle: 10 years Next Maintenance	Voor 7 (2024)	
	\$508.63 / EA	
Estimate: 4 EA X 100% X \$508.63/EA = \$2,035 + tax = \$2,240	\$300.037 LA	
2021 Notes: No new updates were reported.	FUTURE MAI	NTENANCI
	YEAR	COST
Previous Notes: Wood benches are built into the cast in place concrete and will require periodic	3 (2024)	\$2,471
maintenance. The benches were weathering well and were in use while we were on site.		\$2,471 \$3,419
	13 (2034)	
	23 (2044)	\$5,061
Stn.51 2.9.1 Landscaping - Maintenance	23 (2044)	
Stn.51 2.9.1 Landscaping - Maintenance Maintenance Cycle: 8 years Next Maintenance:		Si
Maintenance Cycle: 8 years Next Maintenance:		Si
Maintenance Cycle: 8 years Next Maintenance:	Year 6 (2027)	Si
Maintenance Cycle:       8 years       Next Maintenance:         Quantity:       1 Lump Sum       Unit Cost:         Estimate:       \$15,290	Year 6 (2027)	<b>Si</b> ) LS
Maintenance Cycle:       8 years       Next Maintenance:         Quantity:       1 Lump Sum       Unit Cost:         Estimate:       \$15,290       2021 Notes: No new updates were reported.	Year 6 (2027) \$15,290.00 /	Si ) LS
Maintenance Cycle:       8 years       Next Maintenance:         Quantity:       1 Lump Sum       Unit Cost:         Estimate:       \$15,290       2021 Notes: No new updates were reported.         Previous Notes:       Approximately \$11,000 was spent in 2019 on landscaping. The landscaping budget	Year 6 (2027) \$15,290.00 / FUTURE MAI	Si ) LS NTENANC
Maintenance Cycle:       8 years       Next Maintenance:         Guantity:       1 Lump Sum       Unit Cost:         Estimate:       \$15,290       Unit Cost:         2021 Notes:       No new updates were reported.         Previous Notes:       Approximately \$11,000 was spent in 2019 on landscaping. The landscaping budget provides funds for major updates to the landscaping as plants mature, outgrow their beds and/or	Year 6 (2027) \$15,290.00 / FUTURE MAIL YEAR	Si LS NTENANCI COST \$18,434
Maintenance Cycle:       8 years       Next Maintenance:         Quantity:       1 Lump Sum       Unit Cost:         Estimate:       \$15,290       Unit Cost:         2021 Notes:       No new updates were reported.         Previous Notes:       Approximately \$11,000 was spent in 2019 on landscaping. The landscaping budget provides funds for major updates to the landscaping as plants mature, outgrow their beds and/or	Year 6 (2027) \$15,290.00 / FUTURE MAIL YEAR 6 (2027)	Si LS NTENANCI COST \$18,434
Maintenance Cycle:       8 years       Next Maintenance:         Quantity:       1 Lump Sum       Unit Cost:         Estimate:       \$15,290       2021 Notes: No new updates were reported.         Previous Notes:       Approximately \$11,000 was spent in 2019 on landscaping. The landscaping budget provides funds for major updates to the landscaping as plants mature, outgrow their beds and/or	Year 6 (2027) \$15,290.00 / FUTURE MAIL YEAR 6 (2027) 14 (2035)	Sin ) LS NTENANCI COST \$18,434 \$24,272
Maintenance Cycle:     8 years     Next Maintenance:       Quantity:     1 Lump Sum     Unit Cost:	Year 6 (2027) \$15,290.00 / FUTURE MAIL YEAR 6 (2027) 14 (2035) 22 (2043)	Si ) LS NTENANC \$18,434 \$24,272 \$33,218
Maintenance Cycle:       8 years       Next Maintenance:         Quantity:       1 Lump Sum       Unit Cost:         Estimate:       \$15,290       2021 Notes: No new updates were reported.         Previous Notes:       Approximately \$11,000 was spent in 2019 on landscaping. The landscaping budget provides funds for major updates to the landscaping as plants mature, outgrow their beds and/or	Year 6 (2027) \$15,290.00 / FUTURE MAIL YEAR 6 (2027) 14 (2035) 22 (2043)	Si ) LS NTENANC \$18,434 \$24,272 \$33,218
Maintenance Cycle:       8 years       Next Maintenance:         Quantity:       1 Lump Sum       Unit Cost:         Estimate:       \$15,290       2021 Notes: No new updates were reported.         Previous Notes:       Approximately \$11,000 was spent in 2019 on landscaping. The landscaping budget provides funds for major updates to the landscaping as plants mature, outgrow their beds and/or for tree maintenance.         Stn.51 3.3.1 Concrete Walkways - Repair	Year 6 (2027) \$15,290.00 / FUTURE MAIL 9 (2027) 14 (2035) 22 (2043) 30 (2051)	Si LS NTENANCI \$18,434 \$24,272 \$33,218 \$45,461
Maintenance Cycle:       8 years       Next Maintenance:         Guantity:       1 Lump Sum       Unit Cost:         Estimate:       \$15,290       2021 Notes: No new updates were reported.         Previous Notes:       Approximately \$11,000 was spent in 2019 on landscaping. The landscaping budget provides funds for major updates to the landscaping as plants mature, outgrow their beds and/or for tree maintenance.         Stn.51 3.3.1 Concrete Walkways - Repair       Next Maintenance:	Year 6 (2027) \$15,290.00 / FUTURE MAIL YEAR 6 (2027) 14 (2035) 22 (2043) 30 (2051) Year 1 (2022)	Sir ) LS NTENANCI \$18,434 \$24,272 \$33,218 \$45,461
Maintenance Cycle:       8 years       Next Maintenance:         Quantity:       1 Lump Sum       Unit Cost:         Estimate:       \$15,290       2021 Notes: No new updates were reported.         Previous Notes:       Approximately \$11,000 was spent in 2019 on landscaping. The landscaping budget provides funds for major updates to the landscaping as plants mature, outgrow their beds and/or for tree maintenance.         Stn.51 3.3.1 Concrete Walkways - Repair       Next Maintenance:	Year 6 (2027) \$15,290.00 / FUTURE MAIL 9 (2027) 14 (2035) 22 (2043) 30 (2051)	Si LS NTENANCI \$18,434 \$24,272 \$33,218 \$45,461
Maintenance Cycle:       8 years       Next Maintenance:         Quantity:       1 Lump Sum       Unit Cost:         Estimate:       \$15,290       Unit Cost:         2021 Notes: No new updates were reported.       Previous Notes: Approximately \$11,000 was spent in 2019 on landscaping. The landscaping budget provides funds for major updates to the landscaping as plants mature, outgrow their beds and/or for tree maintenance.         Stn.51 3.3.1 Concrete Walkways - Repair       Next Maintenance:         Quantity:       5,700 Square Feet       Unit Cost:         Guantity:       5,700 SF X 10% X \$8.86/SF = \$5,050 + tax = \$5,560       Unit Cost:	Year 6 (2027) \$15,290.00 / FUTURE MAIL YEAR 6 (2027) 14 (2035) 22 (2043) 30 (2051) Year 1 (2022)	Si ) LS NTENANCI \$18,434 \$24,272 \$33,218 \$45,461 Concre
Maintenance Cycle:       8 years       Next Maintenance:         Guantity:       1 Lump Sum       Unit Cost:         Estimate:       \$15,290       2021         2021 Notes:       No new updates were reported.       2021         Previous Notes:       Approximately \$11,000 was spent in 2019 on landscaping. The landscaping budget provides funds for major updates to the landscaping as plants mature, outgrow their beds and/or for tree maintenance.         Stn.51 3.3.1 Concrete Walkways - Repair       Next Maintenance:         Maintenance Cycle:       6 years       Next Maintenance:         Guantity:       5,700 Square Feet       Unit Cost:         Estimate:       5,700 SF X 10% X \$8.86/SF = \$5,050 + tax = \$5,560         2021 Notes: No new updates were reported.       2021 Notes: No new updates were reported.	Year 6 (2027) \$15,290.00 / FUTURE MAIL YEAR 6 (2027) 14 (2035) 22 (2043) 30 (2051) 30 (2051) Year 1 (2022) \$8.86 / SF	Sit ) LS NTENANCI \$18,434 \$24,272 \$33,218 \$45,461 Concret
Maintenance Cycle:       8 years       Next Maintenance:         Guantity:       1 Lump Sum       Unit Cost:         Estimate:       \$15,290       Unit Cost:         2021 Notes:       No new updates were reported.       Previous Notes: Approximately \$11,000 was spent in 2019 on landscaping. The landscaping budget provides funds for major updates to the landscaping as plants mature, outgrow their beds and/or for tree maintenance.         Stn.51 3.3.1 Concrete Walkways - Repair       Next Maintenance:         Maintenance Cycle:       6 years       Next Maintenance:         Quantity:       5,700 Square Feet       Unit Cost:         Estimate:       5,700 SF X 10% X \$8.86/SF = \$5,050 + tax = \$5,560         2021 Notes:       No new updates were reported.         Previous Notes:       While the City of Kenmore owns the sidewalks, the responsibility for repairing	Year 6 (2027) \$15,290.00 / FUTURE MAIL 6 (2027) 14 (2035) 22 (2043) 30 (2051) Year 1 (2022) \$8.86 / SF FUTURE MAIL	Si LS NTENANC COST \$18,434 \$24,272 \$33,218 \$45,461 Concre
Maintenance Cycle:       8 years       Next Maintenance:         Quantity:       1 Lump Sum       Unit Cost:         Estimate:       \$15,290       Unit Cost:         2021 Notes:       No new updates were reported.       Previous Notes: Approximately \$11,000 was spent in 2019 on landscaping. The landscaping budget provides funds for major updates to the landscaping as plants mature, outgrow their beds and/or for tree maintenance.         Stn.51 3.3.1 Concrete Walkways - Repair       Next Maintenance:         Maintenance Cycle:       6 years       Next Maintenance:         Quantity:       5,700 Square Feet       Unit Cost:         Estimate:       5,700 SF X 10% X \$8.86/SF = \$5,050 + tax = \$5,560	Year 6 (2027) \$15,290.00 / FUTURE MAIL YEAR 6 (2027) 14 (2035) 22 (2043) 30 (2051) 22 (2043) 30 (2051) Year 1 (2022) \$8.86 / SF FUTURE MAIL YEAR	Si LS NTENANC \$18,434 \$24,272 \$33,218 \$45,461 Concre
Maintenance Cycle:       8 years       Next Maintenance:         Guantity:       1 Lump Sum       Unit Cost:         Estimate:       \$15,290       Unit Cost:         2021 Notes:       No new updates were reported.       Unit Cost:         Previous Notes:       Approximately \$11,000 was spent in 2019 on landscaping. The landscaping budget provides funds for major updates to the landscaping as plants mature, outgrow their beds and/or for tree maintenance.         Stn.51       3.3.1 Concrete Walkways - Repair       Next Maintenance:         Maintenance Cycle:       6 years       Next Maintenance:         Guantity:       5,700 Square Feet       Unit Cost:         Estimate:       5,700 SF X 10% X \$8.86/SF = \$5,050 + tax = \$5,560       Unit Cost:         2021 Notes:       No new updates were reported.       Previous Notes: While the City of Kenmore owns the sidewalks, the responsibility for repairing sidewalks typically rests on the property owner. No trip hazards were noted while on site. We	Year 6 (2027) \$15,290.00 / FUTURE MAIL YEAR 6 (2027) 14 (2035) 22 (2043) 30 (2051) 22 (2043) 30 (2051) Year 1 (2022) \$8.86 / SF FUTURE MAIL YEAR 1 (2022)	Si LS NTENANC \$18,434 \$24,272 \$33,218 \$45,461 Concre NTENANC Cost \$5,782

budget.

\$13,588

25 (2046)



COMPONENT SUMMARY FUTURE MAINTENANCE WITH INFLATED ESTIMATES

FUTURE MAINTENANCE WITH INFLATED ESTIMATES		16-Nov-2
Stn.51 3.3.2 Cast Concrete Retaining Walls - Repair		Concret
Maintenance Cycle:         15 years         Next Maintenance:           Quantity:         740 Linear Feet         Unit Cost:           Estimate:         740 LF X 5% X \$397.18/LF = \$14,696 + tax = \$16,180         Visit Cost:	Year 4 (2025) \$397.18 / LF	)
2021 Notes: No new updates were reported.	FUTURE MAI	NTENANCE
Previous Notes: We do not anticipate that the concrete retaining walls will need to be replaced within the next 30 years. This component budgets funds for inspections and repairs to ensure the integrity of the walls flanking the perimeter of the parking lot. The walls appeared to be performing well.	<b>YEAR</b> 4 (2025) 19 (2040)	<b>COST</b> \$18,388 \$31,250
Stn.51 6.1.1 Garbage Bin Enclosure - Repair Maintenance Cycle: 15 years Quantity: 1 Lump Sum Unit Cost:		
Estimate: \$2,550		
2021 Notes: No new updates were reported.	FUTURE MAI	NTENANCE
Previous Notes: The garbage bin enclosure is constructed of cast in place concrete walls with steel framed gates with wood infill. Periodic repairs will be necessary, as will maintenance to the wood to keep the gates in optimal condition. The gates appeared to be serviceable and weathering well.	<b>YEAR</b> 4 (2025) 19 (2040)	<b>COST</b> \$2,898 \$4,925
Stn.51 6.2.1 Pedestal Paver - Maintenance       Next Maintenance:         Maintenance Cycle: 30 years       Next Maintenance:         Quantity: 180 Square Feet       Unit Cost:         Estimate: 180 SF X 25% X \$37.74/SF = \$1,698 + tax = \$1,870		t Envelop ))
2021 Notes: No new updates were reported.	FUTURE MAI	NTENANCE
Previous Notes: The 2nd floor outdoor patio has concrete pavers on pedestals which will need to be	YEAR	COST

Quantity: 180 Square Feet Estimate: 180 SF X 100% X \$20.39/SF = \$3,670 + tax = \$4,040

Stn.51 6.2.2 PVC Thermoplastic Membrane - Replace

Ext Envelope Next Maintenance: Year 19 (2040) Unit Cost: \$20.39 / SF

YEAR

19 (2040)

19 (2040)

\$3,612

2021 Notes: No new updates were reported.

Maintenance Cycle: 30 years

cracks or staining noted.

Previous Notes: A PVC thermoplastic membrane was specified as the waterproofing membrane under the patio pedestal pavers. The membrane will need to be periodically replaced as the material degrades to ensure it keeps out moisture as designed. The Station is likely to realize savings if the deck's membrane is replaced in conjunction with the roofing membrane to safe on contractor mobilization fees. We were not able to observe the membrane during the site visit, but understand that there are no outstanding issues.

removed to replace the waterproofing membrane underneath. This component provides funds to replace up to 25% of the pavers if needed. The pavers appeared to be wearing well, with no obvious

COST

\$7,803

**FUTURE MAINTENANCE** 



COMPONENT SUMMARY

FUTURE MAINTENANCE WITH INFLATED ESTIMATES

Stn.51 6.4.1 Brick Siding - Maintenance		Ex	t Envelop
Maintenance Cycle: 20 years	lext Maintenance:	Year 9 (2030	))
<b>Quantity:</b> 7,010 Square Feet	Unit Cost:	\$25.47 / SF	
Estimate: 7,010 SF X 5% X \$25.47/SF = \$8,927 + tax = \$9,830			
2021 Notes: No new updates were reported.		FUTURE MA	INTENANCE
Previous Notes: Two types of brick provide texture to the exterior of the building.	Wa da nat	YEAR	COST
anticipate that the brick will need replacement over the next 30 years. This compo		9 (2030)	\$12,950
unds for periodic tuck pointing and/or steam cleaning to keep the building in opti his time there is not a budget for sealing the brick and do not recommend doing s pecific water intrusion issue arises.	mal condition. At	29 (2050)	\$28,103
Stn.51 6.4.2 CMU Wall - Tuck Point		Ev	t Envelop
	lext Maintenance:		-
Quantity: 6,515 Square Feet		\$7.64 / SF	))
	Unit Cost:	\$7.04 / SF	
<b>Estimate:</b> $6,515$ SF X 100% X $\frac{5}{.64}$ /SF = $\frac{549}{.75}$ + tax = $\frac{554}{.800}$			
Estimate: 6,515 SF X 100% X \$7.64/SF = \$49,775 + tax = \$54,800 2021 Notes: No new updates were reported.		FUTURE MA	INTENANCE
2021 Notes: No new updates were reported.		FUTURE MA YEAR	INTENANCE
021 Notes: No new updates were reported. Previous Notes: The training tower is constructed of split face and smooth face CM		YEAR	COST
021 Notes: No new updates were reported. revious Notes: The training tower is constructed of split face and smooth face CM hat the CMU will not need to be replaced within the next 30 years. Periodic tuck p	ointing of the	<b>YEAR</b> 9 (2030)	<b>COST</b> \$72,196
021 Notes: No new updates were reported. revious Notes: The training tower is constructed of split face and smooth face CM hat the CMU will not need to be replaced within the next 30 years. Periodic tuck p	ointing of the	YEAR	<b>COST</b> \$72,196
021 Notes: No new updates were reported. Previous Notes: The training tower is constructed of split face and smooth face CM hat the CMU will not need to be replaced within the next 30 years. Periodic tuck p	ointing of the	<b>YEAR</b> 9 (2030)	<b>COST</b> \$72,196
2021 Notes: No new updates were reported. Previous Notes: The training tower is constructed of split face and smooth face CM hat the CMU will not need to be replaced within the next 30 years. Periodic tuck p	ointing of the	<b>YEAR</b> 9 (2030)	<b>COST</b> \$72,196
	ointing of the	<b>YEAR</b> 9 (2030)	COST
2021 Notes: No new updates were reported. Previous Notes: The training tower is constructed of split face and smooth face CM hat the CMU will not need to be replaced within the next 30 years. Periodic tuck p	ointing of the	<b>YEAR</b> 9 (2030)	<b>COST</b> \$72,196

Stn.51 6.4.3 Fiber Cement Board Siding - Repair		Ext Envelope		
Maintenance Cycle:         10 years         Next Maintenance:         Year 1 (2022)           Quantity:         6,420 Square Feet         Unit Cost:         \$29.52 / SF           Estimate:         6,420 SF X 3% X \$29.52/SF = \$5,686 + tax = \$6,260         Unit Cost:         \$29.52 / SF				
2021 Notes: The Station requests the next maintenance cycle be moved to 2022.		FUTURE MA	INTENANCE	
Previous Notes: Some areas of Station 51 have fiber cement board, which appears to be we	to be weathering	YEAR	COST	
well overall. A few cracked boards were noted in the HVAC well area, which we recommen	0	1 (2022)	\$6,510	
replaced with the next repainting.		11 (2032)	\$8,834	
		21 (2042)	\$13,077	

Stn.51 6.4.4 Metal Siding - Replace		Ext Envelope
Maintenance Cycle: 35 years Quantity: 2,340 Square Feet	Next Maintenance: Unit Cost:	Year 24 (2045) \$16.29 / SF
<b>Estimate:</b> 2,340 SF X 100% X \$16.29/SF = \$38,119 + tax = \$41,970		
2021 Notes: No new updates were reported.		FUTURE MAINTENANCE

Previous Notes: The metal siding is located along the apparatus bay exterior and above some windows. The factory finished panels are weathering as expected and are expected to require minimal maintenance. This component budgets for replacement of the panels at the end of their anticipated useful life.

COST

\$98,622

YEAR

24 (2045)

16-Nov-21



COMPONENT SUMMARY

Maintenance Cycle: 15 years

#### FUTURE MAINTENANCE WITH INFLATED ESTIMATES

16-Nov-21 Stn.51 7.1.1 Sealant Joints - Replace **Ext Envelope** Next Maintenance: Year 4 (2025) Unit Cost: \$12.22 / LF Quantity: 1,700 Linear Feet Estimate: 1,700 LF X 100% X \$12.22/LF = \$20,774 + tax = \$22,870 2021 Notes: No new updates were reported. **FUTURE MAINTENANCE** COST YEAR

4 (2025)

19 (2040)

\$25,990

\$44,171

Previous Notes: Sealant joints will need to be periodically inspected and replaced. Areas that are failing should be removed and recaulked to maintain an effective barrier against moisture. As the building ages, it is likely that not all of the sealant will need to be replaced at once; areas with the most weather exposure will have the shortest useful life. The budgets reflects total replacement until the pattern of wear is determined. This component focuses on sealant joints in areas with masonry, specifically around doors and windows. Sealant joints in the areas with fiber cement board should be addressed with each paint cycle.

		t Envelope
Next Maintenance:	Year 19 (204	0)
Unit Cost: \$5.90 / LF		
	FUTURE MAI	NTENANCE
d guttara All appeared	YEAR	COST
lacing these are integrated.	19 (2040)	\$7,030
I	Unit Cost: gutters. All appeared lacing these	gutters. All appeared lacing these

Stn.51 7.4.1 Low Sloped Ribbed Roof - Replace	Ext Envelope
Maintenance Cycle: 30 years	Next Maintenance: Year 19 (2040)
Quantity: 101 Roofing Squares	Unit Cost: \$1,731.35 / SQ
Estimate: 101 SQ X 100% X \$1,731.35/SQ = \$175,386 + tax =	\$193,100
2021 Notes: No new updates were reported.	FUTURE MAINTENANCE

YEAR COST Previous Notes: Visible sections of the roof have a Sika Sarnafil Décor membrane system, giving the 19 (2040) \$372,950 roof the appearance of a standing metal seam roof. The system is a thermoplastic PVC membrane. No issues were reported and the roof was clean with no concerns noted.

Stn.51 7.4.2 Low Sloped Smooth Roof - Replace		E	kt Envelope
Maintenance Cycle: 30 years	Next Maintenance:	Year 19 (204	10)
<b>Quantity:</b> 95 Roofing Squares	Unit Cost:	\$1,222.16 / S	Q
<b>Estimate:</b> 95 SQ X 100% X \$1,222.16/SQ = \$115,567 + tax = \$127,240	)		
2021 Notes: No new updates were reported.		FUTURE MA	INTENANCE
Previous Notes: Sections of the roof that are not visible from the ground have a	have a smooth Sika	YEAR	COST
Sarnafil thermoplastic PVC membrane system. The roof has good slope and no		19 (2040)	\$245,749

Sarnafil thermoplastic PVC membrane system. The roof has good slope and no concerns were noted while on site. The HVAC well area had some water ponding, which is to be expected in an area with little slope. This area in particular should be monitored for issues with the membrane, especially after severe weather events.



COMPONENT SUMMARY FUTURE MAINTENANCE WITH INFLATED ESTIMATES

FUTURE MAINTENANCE WITH INFLATED ESTIMATES			16-Nov-21
Stn.51 7.4.3 Tower Composition Shingles - Replace		Ex	t Envelope
Maintenance Cycle:         30 years         Ne           Quantity:         2 Roofing Squares         Squares           Estimate:         2 SQ X 100% X \$558.58/SQ = \$1,117 + tax = \$1,230         Squares	ext Maintenance: Unit Cost:	Year 19 (204 \$558.58 / SG	
2021 Notes: No new updates were reported.		FUTURE MA	INTENANCE
Previous Notes: The Tower has a small section of roofing with asphalt composition the shingles are not over occupied space, the useful life is longer than normally bud shingles appeared to be wearing as anticipated.		<b>YEAR</b> 19 (2040)	<b>COST</b> \$2,376
Stn.51 7.4.4 Tower Metal Roof - Replace		Ex	t Envelope
	ext Maintenance: Unit Cost:		50)
Quantity: 6 Roofing Squares		Year 39 (206	2
Maintenance Cycle:       50 years       No         Quantity:       6 Roofing Squares       No         Estimate:       6 SQ X 100% X \$794.73/SQ = \$4,768 + tax = \$5,250       No	Unit Cost: able to observe ipated useful life	Year 39 (206 \$794.73 / SG	50) 2

Maintenance Cycle:         40 years         Next Maintenance:         Year 29 (2050)           Quantity:         19 Roofing Squares         Unit Cost:         \$794.49 / SQ           Estimate:         19 SQ X 100% X \$794.49/SQ = \$15,095 + tax = \$16,620         Unit Cost:         \$794.49 / SQ				
2021 Notes: No new updates were reported.		FUTURE MA	INTENANCE	
Previous Notes: The support areas adjacent to the Apparatus Bay have a standing metal seam roof.		YEAR	COST	
The roof was clean and was weathering as expected. This component budgets for rep roof at the end of its typical useful life.		29 (2050)	\$47,515	

tn.51 7.4.6 Roof Inspection & Minor Repair		Ext Envelope
Maintenance Cycle: 5 years	Next Maintenance:	Year 3 (2024)
Quantity: 223 Roofing Squares	Unit Cost:	\$509.44 / SQ
<b>Estimate:</b> 223 SQ X 5% X \$509.44/SQ = \$5,677 + tax = \$6,250		

Previous Notes: We have allocated up to 5% cost of replacing the PVC roof to for repairs to any of the roofs and associated components, such as flashing. Due to the considerable damage potential a leaking roof can cause, we recommend regular cleanings and inspections to maintain the integrity of the weatherproof membrane, flashing and joints.

	FUTURE MA	INTENANCE
	YEAR	COST
I	3 (2024)	\$6,896
	8 (2029)	\$7,994
	13 (2034)	\$9,540
	18 (2039)	\$11,607
	23 (2044)	\$14,122
	Repeat Eve	ery 5 Years



COMPONENT SUMMARY FUTURE MAINTENANCE WITH INFLATED ESTIMATES

Stn.51 8.2.1 Folding Bay Doors & Hardware - Maintenance		Ext Envelop
	ance: Year 2 (20	
•	<b>Cost:</b> \$10,190.74	/ EA
<b>Estimate:</b> 5 EA X 10% X \$10,190.74/EA = \$5,095 + tax = \$5,610		
2021 Notes: No new updates were reported.	FUTURE N	AINTENANCE
Previous Notes: The folding bay doors facing 73rd Ave NE have integrated opening hardware a are reportedly operating well. We have budgeted a contingency for maintenance since we do n anticipate that the doors will need total replacement within the next 30 years.	0 (0007)	\$6,967
	17 (2038) 22 (2043	) \$12,188
	Repeat E	Every 5 Years
Stn.51 8.2.2 Overhead Bay Doors & Hardware - Replace		Ext Envelop
	ance: Year 19 (2) Cost: \$5,601.73 ,	
2021 Notes: No new updates were reported.		AINTENANCE
2021 Notes: No new updates were reported. Previous Notes: The Apparatus Bay sectional overhead doors facing the parking area have a me exterior face and fiberglass interior with glass insets. We budget for periodic replacement of th doors to ensure they are operational at all times. We anticipate that funds for regular maintenan such as spring replacement, will be paid for out of the operating budget.	etal e 19 (2040	COST
Previous Notes: The Apparatus Bay sectional overhead doors facing the parking area have a me exterior face and fiberglass interior with glass insets. We budget for periodic replacement of th doors to ensure they are operational at all times. We anticipate that funds for regular maintenan such as spring replacement, will be paid for out of the operating budget.	etal e 19 (2040 nce,	COST ) \$47,647
Previous Notes: The Apparatus Bay sectional overhead doors facing the parking area have a me exterior face and fiberglass interior with glass insets. We budget for periodic replacement of th doors to ensure they are operational at all times. We anticipate that funds for regular maintenan such as spring replacement, will be paid for out of the operating budget. Stn.51 8.2.3 Overhead Bay Door Operator - Contingency Maintenance Cycle: 5 years	etal e 19 (2040 nce,	COST           )         \$47,647           Ext Envelop           23)
Previous Notes: The Apparatus Bay sectional overhead doors facing the parking area have a me exterior face and fiberglass interior with glass insets. We budget for periodic replacement of the doors to ensure they are operational at all times. We anticipate that funds for regular maintenan- such as spring replacement, will be paid for out of the operating budget. Stn.51 8.2.3 Overhead Bay Door Operator - Contingency Maintenance Cycle: 5 years Quantity: 4 Each	etal e 19 (2040 nce, ance: Year 2 (20 Cost: \$2,954.13	COST           )         \$47,647           Ext Envelop           23)
Previous Notes: The Apparatus Bay sectional overhead doors facing the parking area have a metaterior face and fiberglass interior with glass insets. We budget for periodic replacement of the loors to ensure they are operational at all times. We anticipate that funds for regular maintenancuch as spring replacement, will be paid for out of the operating budget.	ance: Year 2 (20 Cost: \$2,954.13 ,	Cost ) \$47,647 Ext Envelop )23) / EA
Previous Notes: The Apparatus Bay sectional overhead doors facing the parking area have a metaterior face and fiberglass interior with glass insets. We budget for periodic replacement of the loors to ensure they are operational at all times. We anticipate that funds for regular maintenancuch as spring replacement, will be paid for out of the operating budget.	ance: Year 2 (20 Cost: \$2,954.13 )	COST           \$47,647           \$47,647           Ext Envelop           23)           / EA           MAINTENANCE           COST
Previous Notes: The Apparatus Bay sectional overhead doors facing the parking area have a merexterior face and fiberglass interior with glass insets. We budget for periodic replacement of the loors to ensure they are operational at all times. We anticipate that funds for regular maintenancuch as spring replacement, will be paid for out of the operating budget.  Stn.51 8.2.3 Overhead Bay Door Operator - Contingency Maintenance Cycle: 5 years Quantity: 4 Each Lint Estimate: 4 EA X 100% X \$2,954.13/EA = \$11,817 + tax = \$13,010  2021 Notes: No new updates were reported.  Previous Notes: The sectional overhead Apparatus Bay doors facing the parking area each have gearhead trolley-style operators. A regular maintenance budget has been set to address issues nay arise, or replace the units as needed. We understand that there have been some issues wit	etal ence, Provide the set of the	Cost \$47,647 \$47,647 Ext Envelop 23) / EA MAINTENANCE Cost \$13,936
Previous Notes: The Apparatus Bay sectional overhead doors facing the parking area have a merexterior face and fiberglass interior with glass insets. We budget for periodic replacement of the loors to ensure they are operational at all times. We anticipate that funds for regular maintenancuch as spring replacement, will be paid for out of the operating budget.  Stn.51 8.2.3 Overhead Bay Door Operator - Contingency Maintenance Cycle: 5 years Quantity: 4 Each Lint Estimate: 4 EA X 100% X \$2,954.13/EA = \$11,817 + tax = \$13,010  2021 Notes: No new updates were reported.  Previous Notes: The sectional overhead Apparatus Bay doors facing the parking area each have gearhead trolley-style operators. A regular maintenance budget has been set to address issues nay arise, or replace the units as needed. We understand that there have been some issues wit	ance: Year 2 (20 Cost: \$2,954.13, FUTURE N YEAR 2 (2023)	Cost \$47,647 \$47,647 Ext Envelop 23) / EA MAINTENANCE Cost \$13,936 \$16,156
Previous Notes: The Apparatus Bay sectional overhead doors facing the parking area have a merexterior face and fiberglass interior with glass insets. We budget for periodic replacement of the loors to ensure they are operational at all times. We anticipate that funds for regular maintenancuch as spring replacement, will be paid for out of the operating budget.  Stn.51 8.2.3 Overhead Bay Door Operator - Contingency Maintenance Cycle: 5 years Quantity: 4 Each Lint Estimate: 4 EA X 100% X \$2,954.13/EA = \$11,817 + tax = \$13,010  2021 Notes: No new updates were reported.  Previous Notes: The sectional overhead Apparatus Bay doors facing the parking area each have gearhead trolley-style operators. A regular maintenance budget has been set to address issues may arise, or replace the units as needed. We understand that there have been some issues wit	etal ence, Provide that h the Provide that h the Provide that Provide	COST           \$47,647           \$4
Previous Notes: The Apparatus Bay sectional overhead doors facing the parking area have a meterior face and fiberglass interior with glass insets. We budget for periodic replacement of the doors to ensure they are operational at all times. We anticipate that funds for regular maintenancuch as spring replacement, will be paid for out of the operating budget.	etal ence, Provide that h the h the	Cost \$47,647 \$47,64

Stn.51 8.2.4 Coiling Door - Maintenance			t Envelope
Maintenance Cycle: 30 years	Next Maintenance	•	•
Quantity: 2 Each	Unit Cost	: \$4,582.20 /	EA
<b>Estimate:</b> 2 EA X 100% X \$4,582.20/EA = \$9,164 + tax = \$10,0	90		
2021 Notes: No new updates were reported.		FUTURE MA	INTENANCE
Previous Notes: Overhead coiling doors are located at the Tower and on th	e north end of the	YEAR	COST
revious Notes: Overhead coiling doors are located at the Tower and on the north end of the apparatus Bay. We did not see the doors in use, but no problems were reported. We budget for otal replacement at the end of their anticipated life span.		19 (2040)	\$19,488



COMPONENT SUMMARY

FUTURE MAINTENANCE WITH INFLATED ESTIMATES

16-Nov-21 Stn.51 8.2.5 Doors & Hardware - Maintenance Ext Envelope Next Maintenance: Year 1 (2022) Maintenance Cycle: 5 years Unit Cost: \$663.03 / EA Quantity: 5 Each Estimate: 5 EA X 100% X \$663.03/EA = \$3,315 + tax = \$3,650 2021 Notes: No new updates were reported. **FUTURE MAINTENANCE** YEAR COST Previous Notes: We do not anticipate that all of the doors will need to be replaced at once. Instead, 1 (2022) \$3,796 the budget provides a contingency to address up to five doors and hardware sets at Station 51 and the Tower every five years. The doors leading to the exterior are steel, while the interior doors are 6 (2027) \$4,401 wood. Aluminum storefront doors are addressed in a separate component. 11 (2032) \$5,151 16 (2037) \$6.267 21 (2042) \$7.625 Repeat Every 5 Years Stn.51 8.3.1 Storefront System - Maintenance Ext Envelope Next Maintenance: Year 4 (2025) Maintenance Cycle: 15 years Quantity: 420 Square Feet Unit Cost: \$84.56 / SF Estimate: 420 SF X 20% X \$84.56/SF = \$7,103 + tax = \$7,820 2021 Notes: No new updates were reported. FUTURE MAINTENANCE YEAR COST Previous Notes: An aluminum storefront system is found at the entries to the Station. Depending on 4 (2025) \$8,887 the frequency of use, major maintenance will periodically be required. This component budgets up to 20% of the replacement cost for periodic repairs to the doors, gaskets and glazing within the 19 (2040) \$15,103 system. Stn.51 8.3.2 Storefront System - Replace **Ext Envelope** Maintenance Cycle: 60 years Next Maintenance: Year 50 (2071) **Quantity:** 420 Square Feet Unit Cost: \$84.53 / SF Estimate: 420 SF X 100% X \$84.53/SF = \$35,503 + tax = \$39,090 2021 Notes: No new updates were reported. FUTURE MAINTENANCE YEAR COST

Previous Notes: Depending on the frequency of use, the cost for replacing the aluminum storefront system at the entries of the Station will outweigh the cost for repairs and/or the finish on the system may deteriorate to the point of needing replacement. This component budgets for total replacement of the storefront system.

Stn.51 8.5.1 Aluminum Windows - Replace **Ext Envelope** Maintenance Cycle: 40 years Next Maintenance: Year 29 (2050) Quantity: 2,620 Square Feet Unit Cost: \$61.11 / SF Estimate: 2,620 SF X 100% X \$61.11/SF = \$160,108 + tax = \$176,280 2021 Notes: No new updates were reported. **FUTURE MAINTENANCE** YEAR COST

Previous Notes: The windows on the exterior of the building are aluminum frame, which should \$503,970 29 (2050) require little maintenance. Windows are typically replaced because they are not operating properly, to update their appearance and/or to capture better energy efficiency. We expect that failed insulated glazing units will be replaced as needed with funds from the operating budget.



COMPONENT SUMMARY

FUTURE MAINTENANCE WITH INFLATED ESTIMATES

16-Nov-21

		Ex	t Envelop
Maintenance Cycle: 6 years	Next Maintenance:		)
<b>Quantity:</b> 1,530 Square Feet		\$13.24 / SF	
<b>Estimate:</b> 1,530 SF X 100% X \$13.24/SF = \$20,257 + tax = \$22,300			
2021 Notes: No new updates were reported.		FUTURE MA	INTENANCE
Previous Notes: It was reported that the exterior cedar wood siding was refinisl	ned in 2017 for	YEAR	COST
approximately \$5,000. We recommend a penetrating stain for maximum result		1 (2022)	\$23,192
weathering well at the time of our site visit. We budget for future maintenance cycles.	7 (2028)	\$27,692	
	13 (2034)	\$34,039	
		19 (2040)	\$43,070
		25 (2046)	\$54,497
Stn.51 9.8.2 Concrete Siding - Maintenance		Ex	t Envelop
Maintenance Cycle: 12 years	Next Maintenance:		-
Quantity: 920 Square Feet		\$5.09 / SF	
<b>Estimate:</b> 920 SF X 100% X \$5.09/SF = \$4,683 + tax = \$5,160			
2021 Notes: No new updates were reported.		FUTURE MA	INTENANCE
Previous Notes: Low concrete walls are located around the base of the building	u as are cast in place	YEAR	COST
		1 (2022)	\$5,366
concrete planting beds. The durable surface should require minimal maintenance. Funds are		13 (2034)	\$7,876
		13 (2034)	Ψ7,070
		25 (2046)	\$12,610
		` ´	
budgeted for periodic professional cleaning. We do not recommend painting the future maintenance requirements.		` ´	
che future maintenance requirements.		25 (2046)	\$12,610
the future maintenance requirements. Stn.51 9.8.3 Exterior Steel - Maintenance Maintenance Cycle: 6 years	Next Maintenance:	25 (2046) Ex Year 4 (2025	\$12,610 t Envelop
the future maintenance requirements. Stn.51 9.8.3 Exterior Steel - Maintenance		25 (2046) Ex	\$12,610 t Envelop
the future maintenance requirements. Stn.51 9.8.3 Exterior Steel - Maintenance Maintenance Cycle: 6 years Quantity: 1 Lump Sum Estimate: \$8,160		25 (2046) Ex Year 4 (2025	\$12,610 <b>t Envelop</b> () _S
the future maintenance requirements. Stn.51 9.8.3 Exterior Steel - Maintenance Maintenance Cycle: 6 years Guantity: 1 Lump Sum Estimate: \$8,160 2021 Notes: No new updates were reported.	Unit Cost:	25 (2046) Ex Year 4 (2025 \$8,160.00 / L	\$12,610 <b>t Envelop</b> () _S
the future maintenance requirements. Stn.51 9.8.3 Exterior Steel - Maintenance Maintenance Cycle: 6 years Guantity: 1 Lump Sum Estimate: \$8,160 2021 Notes: No new updates were reported. Previous Notes: This component budgets funds to paint the steel components f	Unit Cost:	25 (2046) Ex Year 4 (2025 \$8,160.00 / L FUTURE MAI	\$12,610 t Envelop :) .S
he future maintenance requirements.	Unit Cost: Found on the exterior exterior doors, t cycle will help	25 (2046) Ex Year 4 (2025 \$8,160.00 / L FUTURE MAI YEAR	\$12,610 t Envelop :) .S INTENANCE COST
he future maintenance requirements. Stn.51 9.8.3 Exterior Steel - Maintenance Maintenance Cycle: 6 years Guantity: 1 Lump Sum Estimate: \$8,160 2021 Notes: No new updates were reported. Previous Notes: This component budgets funds to paint the steel components for the facility, including the stairs on the Tower, handrails along the walkways, e canopies and steel members on the Station building. Maintaining a regular pain protect the steel from moisture, which could lead to corrosion, shortening the u	Unit Cost: Found on the exterior exterior doors, t cycle will help useful life of these	25 (2046) <b>Ex</b> Year 4 (2025 \$8,160.00 / L <b>FUTURE MAI</b> <b>YEAR</b> 4 (2025)	\$12,610 t Envelop :) .S INTENANCE COST \$9,273
the future maintenance requirements. Stn.51 9.8.3 Exterior Steel - Maintenance Maintenance Cycle: 6 years Guantity: 1 Lump Sum	Unit Cost: Found on the exterior exterior doors, t cycle will help useful life of these	25 (2046) <b>Ex</b> Year 4 (2025 \$8,160.00 / L <b>FUTURE MAI</b> <b>YEAR</b> 4 (2025) 10 (2031)	\$12,610 t Envelop ) .S INTENANCE cost \$9,273 \$11,073

Stn.51 9.8.4 Fiber Cement Board Siding - Caulk & Paint		Ex	t Envelope
Maintenance Cycle: 8 years Quantity: 6,420 Square Feet	Next Maintenance: Year 1 (2022) Unit Cost: \$3.06 / SF		)
<b>Estimate:</b> 6,420 SF X 100% X \$3.06/SF = \$19,645 + tax = \$21,630			
2021 Notes: This work was not completed as planned in 2020 and is now slated	for 2022.	FUTURE MA	INTENANCE
Previous Notes: The paint on the fiber cement board around the HVAC well is coming to the end of its useful life. Verify that all exposed (cut) ends of the boards have adequate paint coverage to achieve a full useful life of the fiber cement board. The estimated cost includes funds for caulking	YEAR	COST	
	1 (2022)	\$22,495	
	9 (2030)	\$28,496	
with each paint cycle.		17 (2038)	\$38,624
		25 (2046)	\$52,860



COMPONENT SUMMARY

FUTURE MAINTENANCE WITH INFLATED ESTIMATES

16-Nov-21

Stn.51 10.4.1 Exterior Signage - Refurbish			Specialties
Maintenance Cycle:     10 years     N       Quantity:     1 Lump Sum       Estimate:     \$2,550	lext Maintenance: Unit Cost:	Year 2 (2023 \$2,550.00 /	-
2021 Notes: The Station did not feel the exterior signage required refurbishment a	nd requests the	FUTURE MA	INTENANCE
next maintenance cycle be moved to 2023.		YEAR	COST
Previous Notes: Exterior signage is located on the low concrete walls along NE 181 Ave NE. A large "51" is adjacent to the Apparatus Bay doors along 73rd Ave NE wi The signage is constructed from durable materials and will not likely need replacen next 30 years. This budget provides funds from periodic repairs, including to the li to keep the high visibility signage in optimal condition.	th back lighting. ment within the	2 (2023) 12 (2033) 22 (2043)	\$2,732 \$3,743 \$5,540
Stn.51 10.5.1 Exterior Mail Pedestal Unit - Replace			Specialtie
Maintenance Cycle: 25 years Quantity: 1 Each Estimate: 1 EA X 100% X \$2,034.51/EA = \$2,035 + tax = \$2,240	Next Maintenance: Unit Cost:	Year 14 (203 \$2,034.51 / E	
2021 Notes: No new updates were reported.		FUTURE MA	INTENANCE
		VEAD	COST

Previous Notes: An exterior mail pedestal unit is located along NE 181st Street. No issues were	YEAR	COST
reported. This budget provides funds for replacing the unit at the approximate end of useful life.	14 (2035)	\$3,556

Stn.51 11.1.1 Propane Forklift - Replace		Equipment
Maintenance Cycle: 20 years Quantity: 1 Each Estimate: 1 EA X 100% X \$20,372.39/EA = \$20,372 + tax = \$22,	Year 8 (2029 \$20,372.39 /	
2021 Notes: No new updates were reported.	FUTURE MA	INTENANCE
Previous Notes: A used propane forklift was donated to the Station in 2017. piece of equipment, so we have budgeted for replacement with a used mod years.	<b>YEAR</b> 8 (2029) 28 (2049)	<b>COST</b> \$28,690 \$61,659

Stn.51 11.4.1 Admin Kitchen Equipment - Contingency	Equipment
Maintenance Cycle: 10 years	Next Maintenance: Year 6 (2027)
<b>Quantity:</b> 1 Lump Sum	Unit Cost: \$5,100.00 / LS
Estimate: \$5,100	
2021 Notes: No new updates were reported.	FUTURE MAINTENANCE
Provious Notes: The Admin Kitchen is located on the first floor and rec	oivos moderato uso YEAR COST

Previous Notes: The Admin Kitchen is located on the first floor and receives moderate use. Equipment includes a 30" gas range, vent hood, microwave, dishwasher, and refrigerator. It is unlikely that all of the equipment will need to be replaced at once, so we budget a repair contingency to periodically replace equipment as needed.





COMPONENT SUMMARY FUTURE MAINTENANCE WITH INFLATED ESTIMATES

		16-Nov-21
Stn.51 11.4.2 Duty Crew Kitchen Equipment - Contingency		Equipment
Maintenance Cycle: 5 years Next Maintenance	•	,
Quantity:     1 Lump Sum     Unit Cost       Estimate:     \$15,290	: \$15,290.00 /	LS
2021 Notes: No new updates were reported.	FUTURE MA	INTENANCE
	YEAR	COST
Previous Notes: The Duty Crew Kitchen is located on the second floor and is heavily used. Equipment includes a 60" Wolf gas range with six burners, 66" vent hood with a 1500 CFM hood	3 (2024)	\$16,870
ventilator, Kitchenaid counter top microwave, Bosch undercounter dishwasher, and four Kitchenaid	8 (2029)	\$19,557
stainless steel refrigerators. It is unlikely that all of the equipment will need to be replaced at once,	13 (2034)	\$23,339
so we budget a repair contingency to periodically replace equipment as needed. Since the Duty Crew Kitchen is larger and used more frequently, the budget is larger and the maintenance cycle is	18 (2039)	\$28,395
more frequent than the Admin Kitchen's budget.	23 (2044)	\$34,547
	Repeat Eve	. ,
Stn.51 11.6.1 Laundry Equipment - Contingency		Equipment
Maintenance Cycle: 5 years Next Maintenance		
	: \$865.12 / EA	
Estimate: 4 EA X 100% X \$865.12/EA = \$3,460 + tax = \$3,810		
2021 Notes: No new updates were reported.	FUTURE MA	INTENANCE
Previous Notes: The Duty Crew Laundry room has a Whirlpool Front Load Washer & Dryer and a	YEAR	COST
Maytag Front Load washer & dryer which reportedly are constantly used. We have provided a	3 (2024)	\$4,204
frequent replacement cycle based on the number of loads, rather than the number of years in	8 (2029)	\$4,873
service. All machines were operational at the time of our site visit.	13 (2034)	\$5,816
	18 (2039)	\$7,076
	23 (2044)	\$8,608
	Repeat Eve	ery 5 Years
Stn.51 11.6.2 Unimac Gear Extractor - Replace Maintenance Cycle: 12 years Next Maintenance		Equipment
· · ·	: \$8,147.14 / E	
Estimate: 1 EA X 100% X \$8,147.14/EA = \$8,147 + tax = \$8,970		
2021 Notes: No new updates were reported.	FUTURE MA	INTENANCE
Previous Notes: The Unimac commercial washer is located near the Apparatus Bay to wash gear	YEAR	COST
and reportedly receives constant use. We budget for periodic replacement or major repairs of the	1 (2022)	\$9,329
unit, which was functioning well at the time of our site visit.	13 (2034)	\$13,692
	25 (2046)	\$21,921
Stn.51 11.6.3 Ramair Gear Dryer - Replace		
Maintenance Cycle:         12 years         Next Maintenance	: Year 1 (2022	)
Maintenance Cycle: 12 yearsNext MaintenanceQuantity: 1 EachUnit Cost		)
Maintenance Cycle:         12 years         Next Maintenance           Quantity:         1 Each         Unit Cost           Estimate:         1 EA X 100% X \$10,181.65/EA = \$10,182 + tax = \$11,210         Unit Cost	: Year 1 (2022	)
Maintenance Cycle:       12 years       Next Maintenance         Quantity:       1 Each       Unit Cost         Estimate:       1 EA X 100% X \$10,181.65/EA = \$10,182 + tax = \$11,210       Unit Cost	: Year 1 (2022 : \$10,181.65 / E	A INTENANCE
Maintenance Cycle: 12 years       Next Maintenance         Quantity: 1 Each       Unit Cost         Estimate: 1 EA X 100% X \$10,181.65/EA = \$10,182 + tax = \$11,210       2021 Notes: No new updates were reported.	: Year 1 (2022 \$10,181.65 / E FUTURE MA YEAR	INTENANCE COST
Maintenance Cycle: 12 years       Next Maintenance         Quantity: 1 Each       Unit Cost         Estimate: 1 EA X 100% X \$10,181.65/EA = \$10,182 + tax = \$11,210       2021 Notes: No new updates were reported.         Previous Notes: A heavy duty gear dryer is located near the Apparatus Bay. We understand that it was in good working order. We budget for periodic replacement of the unit which receives	: Year 1 (2022 : \$10,181.65 / E FUTURE MA YEAR 1 (2022)	INTENANCE COST \$11,658
Maintenance Cycle: 12 years       Next Maintenance         Quantity: 1 Each       Unit Cost         Estimate: 1 EA X 100% X \$10,181.65/EA = \$10,182 + tax = \$11,210       2021 Notes: No new updates were reported.         Previous Notes: A heavy duty gear dryer is located near the Apparatus Bay. We understand that it was in good working order. We budget for periodic replacement of the unit which receives	: Year 1 (2022) : \$10,181.65 / E FUTURE MA YEAR 1 (2022) 13 (2034)	INTENANCE COST \$11,658 \$17,111
Maintenance Cycle: 12 years       Next Maintenance         Quantity: 1 Each       Unit Cost         Estimate: 1 EA X 100% X \$10,181.65/EA = \$10,182 + tax = \$11,210       2021 Notes: No new updates were reported.         Previous Notes: A heavy duty gear dryer is located near the Apparatus Bay. We understand that it was in good working order. We budget for periodic replacement of the unit which receives	: Year 1 (2022 : \$10,181.65 / E FUTURE MA YEAR 1 (2022)	INTENANCE COST \$11,658
Maintenance Cycle: 12 yearsNext MaintenanceQuantity: 1 EachUnit Cost	: Year 1 (2022) : \$10,181.65 / E FUTURE MA YEAR 1 (2022) 13 (2034)	INTENANCE COST \$11,658 \$17,111
Maintenance Cycle: 12 years       Next Maintenance         Quantity: 1 Each       Unit Cost         Estimate: 1 EA X 100% X \$10,181.65/EA = \$10,182 + tax = \$11,210       2021 Notes: No new updates were reported.         Previous Notes: A heavy duty gear dryer is located near the Apparatus Bay. We understand that it was in good working order. We budget for periodic replacement of the unit which receives	: Year 1 (2022) : \$10,181.65 / E FUTURE MA YEAR 1 (2022) 13 (2034)	INTENANCE COST \$11,658 \$17,111
Maintenance Cycle: 12 years       Next Maintenance         Quantity: 1 Each       Unit Cost         Estimate: 1 EA X 100% X \$10,181.65/EA = \$10,182 + tax = \$11,210       2021 Notes: No new updates were reported.         Previous Notes: A heavy duty gear dryer is located near the Apparatus Bay. We understand that it was in good working order. We budget for periodic replacement of the unit which receives	: Year 1 (2022) : \$10,181.65 / E FUTURE MA YEAR 1 (2022) 13 (2034)	INTENANCE COST \$11,658 \$17,111

Equipment PAGE II of 34 Next Maintenance: Year 4 (2025) Unit Cost: \$8,147.14 / EA



COMPONENT SUMMARY

FUTURE MAINTENANCE WITH INFLATED ESTIMATES

#### Estimate: 1 EA X 100% X \$8,147.14/EA = \$8,147 + tax = \$8,970

2021 Notes: No new updates were reported.

Previous Notes: An industrial air compressor system is utilized to maintain the fire equipment. We understand that it was functioning as expected. The budget provides funds for replacement at the end of its typical useful life.



16-Nov-21

stn.51 12.1.1 Apparatus Bay - Refurbish		Finishes/	-urnishing
Maintenance Cycle: 25 years Next	t Maintenance:	Year 14 (203	5)
Quantity: 12,525 Square Feet	Unit Cost:	\$5.09 / SF	
Estimate: 12,525 SF X 100% X \$5.09/SF = \$63,752 + tax = \$70,190			
021 Notes: No new updates were reported.		FUTURE MA	INTENANCE
Previous Notes: This component budgets funds to refurbish the approximately 7,380 s	of Apparatus	YEAR	COST
Bay and adjoining Comp Room, Disaster Storage, Equip Decon, Hose/Equip Stor, SCB shop. Funds will most likely be focused on replacing ceiling tiles, updating the FRP we esealing concrete flooring. This component is discretionary and should be updated ir iming and budget to meet the needs of the Station.	A Maint, and all panels, and	14 (2035)	\$111,424

Stn.51 12.1.2 Admin Common Areas - Repaint		Finishes/	Furnishing
Maintenance Cycle: 16 years	Next Maintenance: Unit Cost:	•	5)
Quantity: 12,115 Square Feet	Unit Cost:	\$1.32 / SF	
<b>Estimate:</b> 12,115 SF X 100% X \$1.32/SF = \$15,992 + tax = \$17,610			
2021 Notes: No new updates were reported.	FUTURE MAINT		INTENANCE
Previous Notes: For the sake of the report, we refer to common areas on the	first lovel as the EMS	YEAR	COST
Exam & Storage, Hallways, Admin Kitchen, Storage, and Stairways since these areas will most likely	5 (2026)	\$20,613	
be painted at the same time. The paint was in good overall condition.		21 (2042)	\$36,787

Stn.51 12.1.3 Exercise Room - Refurbish	Finishes/Furnishings
Maintenance Cycle: 20 years	Next Maintenance: Year 9 (2030)
Quantity: 1 Lump Sum	Unit Cost: \$3,060.00 / LS
Estimate: \$3,060	

2021 Notes: No new updates were reported.

YEAR Previous Notes: This budget provides funds to periodically refurbish the exercise room finishes, 9 (2030) including painting, mirrors, television monitors and rubberized flooring. We understand that equipment is maintained and purchased with funds from the maintenance budget. The 1300 sf room 29 (2050) \$8,748 was clean and in good condition at the time of our site visit.

Stn.51 12.1.4 Bunk Gear Storage - Refurbish Maintenance Cycle: 10 years Quantity: 1 Lump Sum RESERVE CONSULTANTS LLC 2021 Notes: No new updates were reported.

Next Maintenance: Year 3 (2024) Unit Cost: \$8,160.00 / LS

> PAGE 12 of 34 FUTURE MAINTENANCE

Finishes/Furnishings

**FUTURE MAINTENANCE** 

COST

\$4,031



COMPONENT SUMMARY 

Stn.51 12.1.5 Admin Offices - Refurbish       Finishes/Furnishings         Maintenance Cycle: 16 years       Next Maintenance: Year 5 (2026)         Quantity: 1 Lump Sum       Unit Cost: \$25,480.00 / LS         2021 Notes: No new updates were reported.       Future Maintenance         Previous Notes: For the purposes of this report, the 10,330 sf of administrative spaces on the first foor are referred to as the Admin Offices, including the Comp Systems, Conference Room, FP       Future Maintenance: Year 5 (2026)         Cost       \$20,201       \$20,202       \$29,825         Conference, FP Workroom, 9 Offices, Reception, Records, Uniform Storage and the Workroom. This       \$20,202       \$53,227         Stn.51 12.1.6 Lobby - Refurbish       Finishes/Furnishings         Maintenance Cycle: 15 years       Next Maintenance: Year 6 (2027)         Quantity: 1 Lump Sum       Year 6 (2027)         Guantity: 1 Lump Sum       Year 6 (2027)	FUTURE MAINTENANCE WITH INFLATED ESTIMATES		16-Nov-21
raffic, but is well maintained. This component budgets funds to update finishes, storage furnishings, and to update the configuration of the 645 sf Bunk Gear Storage and Dry Closet area as needed. 33 (2034) Stn.51 12.1.5 Admin Offices - Refurbish Finishes/Furnishings Maintenance Cycle: 16 years Quantity: 1 Lump Sum Estimate: \$25,480 2021 Notes: For the purposes of this report, the 10,330 sf of administrative spaces on the first loor are referred to as the Admin Offices, neception, Records, Uniform Storage and the Workroom. This component budgets funds for repainting the trim and walls and for updating the furnishings. Stn.51 12.1.6 Lobby - Refurbish Maintenance Cycle: 15 years Quantity: 1 Lump Sum Estimate: \$20,390 2021 Notes: No new updates were reported. Furure Maintenance Cycle: 15 years Maintenance Cycle: 15 years Maintenanc	Draviaus Natas, The Dunk Coar Starson room is just off the Apparatus Day and receives frequent	YEAR	COST
and to update the configuration of the 645 sf Bunk Gear Storage and Dry Closet area as needed. 13 (2034) 23 (2044) Stn.51 12.1.5 Admin Offices - Refurbish Maintenance Cycle: 16 years Maintenance Cycle: 16 years Maintenance Cycle: 16 years Maintenance: Year 5 (2026) Quantity: 1 Lump Sum Estimate: \$25,480 2021 Notes: No new updates were reported. Previous Notes: For the purposes of this report, the 10,330 sf of administrative spaces on the first loor are referred to as the Admin Offices, including the Comp Systems, Conference Room, FP Conference, FP Workroom, 9 Offices, Reception, Records, Uniform Storage and the Workroom. This scomponent budgets funds for repainting the trim and walls and for updating the furnishings. Stn.51 12.1.6 Lobby - Refurbish Maintenance Cycle: 15 years Maintenance Cycle: 15 years Maintenance Cycle: 15 years Maintenance Cycle: 15 years Maintenance: Year 6 (2027) Quantity: 1 Lump Sum Estimate: \$20,390 2021 Notes: No new updates were reported. Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby, Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby, Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby, Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby, Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby, Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby, Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby, Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby, Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby, Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby, Previous Notes: This component budgets funds for updating finis		3 (2024)	\$9,003
Stn.51 12.1.5 Admin Offices - Refurbish       Finishes/Furnishings         Maintenance Cycle: 16 years       Next Maintenance: Year 5 (2026)         Quantity: 1 Lump Sum       Unit Cost: \$25,480.00 / LS         2021 Notes: No new updates were reported.       FUTURE MAINTENANCE         Previous Notes: For the purposes of this report, the 10,330 sf of administrative spaces on the first       FUTURE MAINTENANCE         Schofference, FP Workroom, 9 Offices, neception, Records, Uniform Storage and the Workroom. This       \$20,9825         Stn.51 12.1.6 Lobby - Refurbish       Finishes/Furnishings         Maintenance Cycle: 15 years       Next Maintenance: Year 6 (2027)         Quantity: 1 Lump Sum       Unit Cost: \$20,390.00 / LS         Stn.51 12.1.6 Lobby - Refurbish       Finishes/Furnishings         Maintenance Cycle: 15 years       Next Maintenance: Year 6 (2027)         Quantity: 1 Lump Sum       Unit Cost: \$20,390.00 / LS         2021 Notes: No new updates were reported.       Future MAINTENANCE         Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,       Future MAINTENANCE	and to update the configuration of the 645 sf Bunk Gear Storage and Dry Closet area as needed.	13 (2034)	\$12,455
Maintenance Cycle: 16 years       Next Maintenance:       Year 5 (2026)         Quantity: 1 Lump Sum       Unit Cost:       \$25,480.00 / LS         2021 Notes: No new updates were reported.       FUTURE MAINTENANCE         Previous Notes: For the purposes of this report, the 10,330 sf of administrative spaces on the first loor are referred to as the Admin Offices, including the Comp Systems, Conference Room, FP       FUTURE MAINTENANCE         Conference, FP Workroom, 9 Offices, Reception, Records, Uniform Storage and the Workroom. This component budgets funds for repainting the trim and walls and for updating the furnishings.       \$2020         Stn.51 12.1.6 Lobby - Refurbish       Finishes/Furnishings         Maintenance Cycle: 15 years       Next Maintenance:         Year 6 (2027)       Unit Cost:         Quantity: 1 Lump Sum       Unit Cost:         Estimate: \$20,390       2021 Notes: No new updates were reported.         Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,       FUTURE MAINTENANCE         Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,       FUTURE MAINTENANCE		23 (2044)	\$18,437
Maintenance Cycle: 16 years       Next Maintenance:       Year 5 (2026)         Quantity: 1 Lump Sum       Unit Cost:       \$25,480.00 / LS         2021 Notes: No new updates were reported.       FUTURE MAINTENANCE         Previous Notes: For the purposes of this report, the 10,330 sf of administrative spaces on the first loor are referred to as the Admin Offices, including the Comp Systems, Conference Room, FP       FUTURE MAINTENANCE         Conference, FP Workroom, 9 Offices, Reception, Records, Uniform Storage and the Workroom. This component budgets funds for repainting the trim and walls and for updating the furnishings.       \$2020         Stn.51 12.1.6 Lobby - Refurbish       Finishes/Furnishings         Maintenance Cycle: 15 years       Next Maintenance:         Year 6 (2027)       Unit Cost:         Quantity: 1 Lump Sum       Unit Cost:         Estimate: \$20,390       2021 Notes: No new updates were reported.         Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,       FUTURE MAINTENANCE         Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,       FUTURE MAINTENANCE			
Maintenance Cycle: 16 years       Next Maintenance:       Year 5 (2026)         Quantity: 1 Lump Sum       Unit Cost:       \$25,480.00 / LS         2021 Notes: No new updates were reported.       FUTURE MAINTENANCE         Previous Notes: For the purposes of this report, the 10,330 sf of administrative spaces on the first loor are referred to as the Admin Offices, including the Comp Systems, Conference Room, FP       FUTURE MAINTENANCE         Conference, FP Workroom, 9 Offices, Reception, Records, Uniform Storage and the Workroom. This component budgets funds for repainting the trim and walls and for updating the furnishings.       \$2020         Stn.51 12.1.6 Lobby - Refurbish       Finishes/Furnishings         Maintenance Cycle: 15 years       Next Maintenance:         Year 6 (2027)       Unit Cost:         Quantity: 1 Lump Sum       Unit Cost:         Estimate: \$20,390       2021 Notes: No new updates were reported.         Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,       FUTURE MAINTENANCE         Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,       FUTURE MAINTENANCE			
Maintenance Cycle: 16 years       Next Maintenance:       Year 5 (2026)         Quantity: 1 Lump Sum       Unit Cost:       \$25,480.00 / LS         2021 Notes: No new updates were reported.       FUTURE MAINTENANCE         Previous Notes: For the purposes of this report, the 10,330 sf of administrative spaces on the first loor are referred to as the Admin Offices, including the Comp Systems, Conference Room, FP       FUTURE MAINTENANCE         Conference, FP Workroom, 9 Offices, Reception, Records, Uniform Storage and the Workroom. This component budgets funds for repainting the trim and walls and for updating the furnishings.       \$2020         Stn.51 12.1.6 Lobby - Refurbish       Finishes/Furnishings         Maintenance Cycle: 15 years       Next Maintenance:         Year 6 (2027)       Unit Cost:         Quantity: 1 Lump Sum       Unit Cost:         Estimate: \$20,390       2021 Notes: No new updates were reported.         Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,       FUTURE MAINTENANCE         Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,       FUTURE MAINTENANCE			1
Maintenance Cycle: 16 years       Next Maintenance:       Year 5 (2026)         Quantity: 1 Lump Sum       Unit Cost:       \$25,480.00 / LS         2021 Notes: No new updates were reported.       FUTURE MAINTENANCE         Previous Notes: For the purposes of this report, the 10,330 sf of administrative spaces on the first loor are referred to as the Admin Offices, including the Comp Systems, Conference Room, FP       FUTURE MAINTENANCE         Conference, FP Workroom, 9 Offices, Reception, Records, Uniform Storage and the Workroom. This component budgets funds for repainting the trim and walls and for updating the furnishings.       \$2020         Stn.51 12.1.6 Lobby - Refurbish       Finishes/Furnishings         Maintenance Cycle: 15 years       Next Maintenance:         Year 6 (2027)       Unit Cost:         Quantity: 1 Lump Sum       Unit Cost:         Estimate: \$20,390       2021 Notes: No new updates were reported.         Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,       FUTURE MAINTENANCE         Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,       FUTURE MAINTENANCE			
Guantity:       1 Lump Sum Estimate:       Unit Cost:       \$25,480.00 / LS         2021 Notes:       No new updates were reported.       FUTURE MAINTENANCE         Previous Notes:       For the purposes of this report, the 10,330 sf of administrative spaces on the first loor are referred to as the Admin Offices, including the Comp Systems, Conference Room, FP       FUTURE MAINTENANCE         Conference, FP Workroom, 9 Offices, Reception, Records, Uniform Storage and the Workroom. This component budgets funds for repainting the trim and walls and for updating the furnishings.       5 (2026)       \$29,825         Stn.51 12.1.6 Lobby - Refurbish       Finishes/Furnishings         Maintenance Cycle:       15 years       Next Maintenance:       Year 6 (2027)         Quantity:       1 Lump Sum       Year 6 (2027)       Unit Cost:       \$20,390.00 / LS         2021 Notes:       No new updates were reported.       FUTURE MAINTENANCE         Previous Notes:       This component budgets funds for updating finishes and furnishings in the Lobby,       FUTURE MAINTENANCE	Stn.51 12.1.5 Admin Offices - Refurbish	Finishes/	Furnishings
Estimate: \$25,480         Provious Notes: No new updates were reported.         Previous Notes: For the purposes of this report, the 10,330 sf of administrative spaces on the first loor are referred to as the Admin Offices, including the Comp Systems, Conference Room, FP Conference, FP Workroom, 9 Offices, Reception, Records, Uniform Storage and the Workroom. This component budgets funds for repainting the trim and walls and for updating the furnishings.       FUTURE MAINTENANCE         Stn.51 12.1.6 Lobby - Refurbish       Finishes/Furnishings         Maintenance Cycle: 15 years Quantity: 1 Lump Sum Estimate: \$20,390       Next Maintenance: Year 6 (2027) Unit Cost: \$20,390.00 / LS         2021 Notes: No new updates were reported.       FUTURE MAINTENANCE         Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,       FUTURE MAINTENANCE	Maintenance Cycle: 16 years Next Maintenance:	Year 5 (2026	6)
2021 Notes: No new updates were reported.       FUTURE MAINTENANCE         2021 Notes: No new updates were reported.       YEAR       COST         2021 Notes: For the purposes of this report, the 10,330 sf of administrative spaces on the first loor are referred to as the Admin Offices, including the Comp Systems, Conference Room, FP       5 (2026)       \$29,825         201 Notes: For Workroom, 9 Offices, Reception, Records, Uniform Storage and the Workroom. This component budgets funds for repainting the trim and walls and for updating the furnishings.       5 (2026)       \$29,825         Stn.51 12.1.6 Lobby - Refurbish       Finishes/Furnishings       \$53,227         Maintenance Cycle: 15 years       Next Maintenance: Year 6 (2027)       Unit Cost: \$20,390.00 / LS         Guantity: 1 Lump Sum       Lump Sum       Year Cost       \$20,390.00 / LS         2021 Notes: No new updates were reported.       Future Maintenance: Year 6 (2027)       Year Cost         Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,       Future Maintenance	Quantity: 1 Lump Sum Unit Cost:	\$25,480.00	/ LS
Previous Notes: For the purposes of this report, the 10,330 sf of administrative spaces on the first loor are referred to as the Admin Offices, including the Comp Systems, Conference Room, FP Conference, FP Workroom, 9 Offices, Reception, Records, Uniform Storage and the Workroom. This component budgets funds for repainting the trim and walls and for updating the furnishings. Stn.51 12.1.6 Lobby - Refurbish Maintenance Cycle: 15 years Quantity: 1 Lump Sum Estimate: \$20,390 2021 Notes: No new updates were reported. Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby, Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,	Estimate: \$25,480		
Previous Notes: For the purposes of this report, the 10,330 sf of administrative spaces on the first loor are referred to as the Admin Offices, including the Comp Systems, Conference Room, FP       5 (2026)       \$29,825         Conference, FP Workroom, 9 Offices, Reception, Records, Uniform Storage and the Workroom. This component budgets funds for repainting the trim and walls and for updating the furnishings.       5 (2026)       \$53,227         Stn.51 12.1.6 Lobby - Refurbish Maintenance Cycle: 15 years Quantity: 1 Lump Sum Estimate: \$20,390       Finishes/Furnishings         2021 Notes: No new updates were reported.       Future MAINTENANCE         Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,       FUTURE MAINTENANCE	2021 Notes: No new updates were reported.	FUTURE MAINTENANCE	
Ite or are referred to as the Admin Offices, including the Comp Systems, Conference Room, FP       5 (2026)       \$29,825         Conference, FP Workroom, 9 Offices, Reception, Records, Uniform Storage and the Workroom. This       21 (2042)       \$53,227         Stm.51 12.1.6 Lobby - Refurbish       Finishes/Furnishings.       \$53,227         Stm.51 12.1.6 Lobby - Refurbish       Finishes/Furnishings.       \$53,227         Maintenance Cycle: 15 years       Next Maintenance: Year 6 (2027)       Year 6 (2027)         Quantity: 1 Lump Sum       Unit Cost:       \$20,390.00 / LS         2021 Notes: No new updates were reported.       FUTURE MAINTENANCE         Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,       FUTURE MAINTENANCE		YEAR	COST
Conference, FP Workroom, 9 Offices, Reception, Records, Uniform Storage and the Workroom. This 21 (2042)       \$53,227         Stn.51 12.1.6 Lobby - Refurbish       Finishes/Furnishings.         Maintenance Cycle: 15 years       Next Maintenance: Year 6 (2027)         Quantity: 1 Lump Sum       Unit Cost: \$20,390         2021 Notes: No new updates were reported.       Future MAINTENANCE         Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,       Future MAINTENANCE		5 (2026)	\$29,825
Stn.51 12.1.6 Lobby - Refurbish       Finishes/Furnishings         Maintenance Cycle: 15 years       Next Maintenance: Year 6 (2027)         Quantity: 1 Lump Sum       Unit Cost: \$20,390.00 / LS         2021 Notes: No new updates were reported.       Future MAINTENANCE         Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,       Future MAINTENANCE		21 (2042)	\$53,227
Maintenance Cycle: 15 years       Next Maintenance: Year 6 (2027)         Quantity: 1 Lump Sum       Unit Cost: \$20,390.00 / LS         2021 Notes: No new updates were reported.       FUTURE MAINTENANCE         Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,       FUTURE MAINTENANCE	component budgets funds for repainting the trim and walls and for updating the furnishings.	_ ( _ • · _ )	+
Maintenance Cycle: 15 years       Next Maintenance: Year 6 (2027)         Quantity: 1 Lump Sum       Unit Cost: \$20,390.00 / LS         2021 Notes: No new updates were reported.       FUTURE MAINTENANCE         Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,       FUTURE MAINTENANCE			
Maintenance Cycle: 15 years       Next Maintenance: Year 6 (2027)         Quantity: 1 Lump Sum       Unit Cost: \$20,390.00 / LS         2021 Notes: No new updates were reported.       FUTURE MAINTENANCE         Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,       FUTURE MAINTENANCE			
Maintenance Cycle: 15 years       Next Maintenance: Year 6 (2027)         Quantity: 1 Lump Sum       Unit Cost: \$20,390.00 / LS         2021 Notes: No new updates were reported.       FUTURE MAINTENANCE         Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,       FUTURE MAINTENANCE			1
Maintenance Cycle: 15 years       Next Maintenance: Year 6 (2027)         Quantity: 1 Lump Sum       Unit Cost: \$20,390.00 / LS         2021 Notes: No new updates were reported.       FUTURE MAINTENANCE         Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,       FUTURE MAINTENANCE			
Quantity: 1 Lump Sum       Unit Cost: \$20,390.00 / LS         Estimate: \$20,390       2021 Notes: No new updates were reported.         Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,       FUTURE MAINTENANCE	Stn.51 12.1.6 Lobby - Refurbish	Finishes/	Furnishings
Estimate: \$20,390 2021 Notes: No new updates were reported. Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,	Maintenance Cycle:         15 years         Next Maintenance:	Year 6 (202	7)
2021 Notes: No new updates were reported. Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,	Quantity:1 Lump SumUnit Cost:	\$20,390.00	/ LS
Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,	Estimate: \$20,390		
Previous Notes: This component budgets funds for updating finishes and furnishings in the Lobby,	2021 Notes: No new updates were reported.	FUTURE MA	INTENANCE
		YEAR	COST

refinishing the interior wood surfaces, updating the reception millwork facing the Lobby, painting the walls, as well as updating the art and furniture.

	FUTURE MA	INTENANCE
	YEAR	COST
or	6 (2027)	\$24,583
	21 (2042)	\$42,594

Stn.51 12.1.7 Public Meeting Room - Refurbish	Finishes/Furnishings
Maintenance Cycle: 12 years	Next Maintenance: Year 1 (2022)
Quantity: 1 Lump Sum	Unit Cost: \$15,290.00 / LS
<b>Estimate:</b> \$15,290	
2021 Notes: No new updates were reported.	FUTURE MAINTENANCE

Maintenance Cycle: 20 years

Previous Notes: A large public meeting room includes room partitioning doors which allows the space to be divided into two. This component budgets funds for periodic updates to the kitchenettes, paint and furniture. Also included is maintenance to the partition doors, which we do not anticipate will need to be replaced in the next 30 years. The fi so that they may be applied to the greatest need. The roor we understand that there have been some issues with furn equipment is funded in a separate component, are the floc

s. The funds are not specifically allocated m was in serviceable condition, though niture in the recent past. Updating the AV oring updates.	25 (2046)	\$37,366
	Finishes/	Furnishings
Next Maintenance:	Year 9 (2030	))

**Quantity:** 7 Each Estimate: 7 EA X 100% X \$2,545.74/EA = \$17,820 + tax = \$19,620

2021 Notes: No new updates were reported.

Stn.51 12.1.8 Public & Admin Restrooms - Refurbish

**RESERVE CONSULTANTS** LLC estrooms are located on the first floor and receive moderate use. The restrooms were clean and well maintained. This budget provides funds for replacing fixtures, updating finishes and making major repairs. The flooring updates are budgeted in

Unit Cost: \$2,545.74 / EA

YEAR

1 (2022)

13 (2034)

COST

\$15,902

\$23,339

FUTURE MAINTENANCE			
YEAR	COST		
9 (2030)	AGE 13 of 34 \$25,848		
29 (2050)	\$56,092		



COMPONENT SUMMARY FUTURE MAINTENANCE WITH INFLATED ESTIMATES

a separate component.

Stn.51 12.2.1 Duty Crew Common Areas - Full Repaint	Finishes/	Furnishings	
Maintenance Cycle: 16 years Next Maintenance			
2021 Notes: No new updates were reported.	FUTURE MA	INTENANCE	
Previous Notes: The common areas on the second floor include the hallways, Storage, Workroom,	YEAR	COST	
Stair and Quiet Area. All areas were in good condition overall. This component budgets for full repainting of these areas.	7 (2028) 23 (2044)	\$17,385 \$31,632	
Stn.51 12.2.2 Duty Crew Common Areas - Touchup Paint		Furnishing	
Maintenance Cycle:         16 years         Next Maintenance           Quantity:         9,630 Square Feet         Unit Cost           Estimate:         9,630 SF X 100% X \$1.32/SF = \$12,712 + tax = \$14,000         Unit Cost	: Year 15 (203 :: \$1.32 / SF		
2021 Notes: No new updates were reported.	FUTURE MA	FUTURE MAINTENANCE	
Previous Notes: The common areas on the second floor include the hallways, Storage, Workroom, Stair and Quiet Area. All areas were in good condition overall. Due to the heavy use in the Duty Crew areas, this component provides funds for touch up painting in these areas.		<b>COST</b> \$23,113	
Stn.51 12.2.3 Duty Crew Sleep Room Interiors - Refurbish	Finishes/	Furnishing	
Maintenance Cycle:         10 years         Next Maintenance           Quantity:         9 Each         Unit Cost           Estimate:         9 EA X 100% X \$2,546.17/EA = \$22,916 + tax = \$25,230         Unit Cost	: Year 3 (2024 : \$2,546.17 / E		
2021 Notes: No new updates were reported.	FUTURE MA	INTENANCE	
Previous Notes: Nine sleep rooms are available for the Duty Crews' use. The rooms are simply	YEAR	COST	
furnished and were in good condition overall. This component budgets funds to repaint the walls and update the furnishings. The flooring replacement is budgeted in a separate component.	3 (2024) 13 (2034) 23 (2044)	\$27,837 \$38,511 \$57,006	
Stn.51 12.2.4 Duty Crew Kitchen Interiors - Refurbish	Finishes/	Furnishing	
Maintenance Cycle:     10 years     Next Maintenance       Quantity:     1 Lump Sum     Unit Cost       Estimate:     \$10,190	: Year 9 (2030 : \$10,190.00 /	-	
2021 Notes: Refurbishing was completed in 2020 at a cost of \$10,000. More improvements totaling	FUTURE MA	INTENANCE	
\$1500 are expected for 2022.	YEAR	COST	

Previous Notes: This component provides funds to periodically update the walls, furniture, counters and cabinets in the Duty Crew kitchen, which we understand gets heavy use. The 980 sf area was clean and well maintained. Replacement of kitchen equipment is budgeted in a separate **RESERVE CONSULTANTS** LLC

 YEAR
 COST

 9 (2030)
 \$13,425

 19 (2040)
 \$19,681

 29 (2050)
 \$29,132

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COMPONENT SUMMARY FUTURE MAINTENANCE WITH INFLATED ESTIMATES

16-Nov-21

Stn.51 12.2.5 Duty Crew Laundry Interiors - Refurbish		Finishes/	Furnishing
Maintenance Cycle: 10 years Quantity: 1 Lump Sum Estimate: \$2,040	Next Maintenance: Unit Cost:		3)
2021 Notes: Per the Station, the refurbishing planned for 2020 will be moved to	o 2023.	FUTURE MA	INTENANCE
		YEAR	СОЅТ
Previous Notes: A 345 sf laundry area is available on the second floor in the Du budget is intended for replacing utility sinks, counters and cabinets, as well as p surfaces. A separate component budgets funds for replacing the washing and c	painting wall	2 (2023) 12 (2033) 22 (2043)	\$2,185 \$2,994 \$4,432
Stn.51 12.2.6 Duty Crew Office/Training Areas - Refurbish		Finishes/	Furnishing
Maintenance Cycle: 15 years Quantity: 1 Lump Sum Estimate: \$6,120	Next Maintenance: Unit Cost:	Year 4 (2025 \$6,120.00 / I	-
2021 Notes: No new updates were reported.		FUTURE MA	INTENANCE
Previous Notes: The second floor has Duty Crew office and training area which	will pood poriodic	YEAR	COST
refurbishment of the wall paint and furniture. The areas are about 2,620 sf total		4 (2025)	\$6,955
		19 (2040)	\$11,820
Stn.51 12.2.7 Duty Crew Restrooms - Refurbish		Finishes/	
Maintenance Cycle: 10 years Quantity: 6 Each Estimate: 6 EA X 100% X \$2,546.17/EA = \$15,277 + tax = \$16,820	Next Maintenance: Unit Cost:	\$2,546.17 / E	
2021 Notes: Per the Station, next maintenance will be moved from 2020 to 202	23.	FUTURE MA	INTENANCE
		YEAR	COST
Previous Notes: The second floor has two single occupant restrooms and a four adjacent to a double sink Lavatory Area. Similar to the first floor, the restrooms		2 (2023)	\$18,018
clean and well maintained. This budget provides funds for replacing fixtures, updating finishes and making major repairs. The flooring updates are budgeted in a separate component.		12 (2033) 22 (2043)	\$24,687 \$36,542
		Finishes/	Furnishing
Stn.51 12.4.1 1st Floor Interior Carpet Flooring - Replace	Next Maintenance:	Year 13 (203	
Stn.51 12.4.1 1st Floor Interior Carpet Flooring - Replace Maintenance Cycle: 24 years	Next Flaintenance.	¢1101/CV	
	Unit Cost:	\$44.01/ 51	
Maintenance Cycle:         24 years           Quantity:         704 Square Yards           Estimate:         704 SY X 100% X \$44.81/SY = \$31,551 + tax = \$34,740		FUTURE MA	INTENANCE
Maintenance Cycle: 24 yearsQuantity: 704 Square YardsEstimate: 704 SY X 100% X \$44.81/SY = \$31,551 + tax = \$34,7402021 Notes: No new updates were reported.	Unit Cost:		INTENANCE
Maintenance Cycle: 24 years Quantity: 704 Square Yards	Unit Cost: ation 51. We budget reas due to less wear	FUTURE MA	-

RESERVE CONSULTANTS LLC


COMPONENT SUMMARY

Previous Notes: A total of nineteen rooms have carpet on the 2nd floor, including hallways,	5 (2026)	\$20.287
workrooms, the classroom, sleep rooms and support areas. We budget to replace all of the carpet	5 (2026)	\$29,287
at once on the second floor for continuity of appearance.	21 (2042)	\$52,266
Stn.51 12.4.3 1st Floor Resilient Flooring - Replace	Finishes/F	urnishings
Maintenance Cycle: 20 years Next Maintenance:		-
Quantity:         655 Square Feet         Unit Cost:           Estimate:         655 SF X 100% X \$3.26/SF = \$2,135 + tax = \$2,350         Unit Cost:		
2021 Notes: No new updates were reported.	FUTURE MAI	NTENANCE
	YEAR	COST
Previous Notes: The restrooms closest to the Public Meeting room have resilient flooring. The	9 (2030)	\$3,096
flooring was wearing well; this component budgets funds for replacing the flooring at the end of its typical useful life.	29 (2050)	\$6,718
Stn.51 12.4.4 2nd Floor Resilient Flooring - Replace		
	Veer 4 (2025	
Maintenance Cycle: 15 years Next Maintenance:	Year 4 (2025	)
Maintenance Cycle:         15 years         Next Maintenance:           Quantity:         770 Square Feet         Unit Cost:           Estimate:         770 SF X 100% X \$3.26/SF = \$2,510 + tax = \$2,760         Vertice Cost:		)
Quantity: 770 Square FeetUnit Cost:		
Guantity:         770 Square Feet         Unit Cost:           Estimate:         770 SF X 100% X \$3.26/SF = \$2,510 + tax = \$2,760         2021 Notes: No new updates were reported.	\$3.26 / SF	
Quantity:       770 Square Feet       Unit Cost:         Estimate:       770 SF X 100% X \$3.26/SF = \$2,510 + tax = \$2,760       2021 Notes: No new updates were reported.         Previous Notes: The restrooms, shower area and laundry room on the second floor have resilient       2021 Notes: No new updates were reported.	\$3.26 / SF	NTENANCE
Quantity:         770 Square Feet         Unit Cost:           Estimate:         770 SF X 100% X \$3.26/SF = \$2,510 + tax = \$2,760         2021 Notes: No new updates were reported.	\$3.26 / SF FUTURE MAI YEAR	NTENANCE
Quantity:770 Square FeetUnit Cost:Estimate:770 SF X 100% X \$3.26/SF = \$2,510 + tax = \$2,7602021 Notes: No new updates were reported.Previous Notes:The restrooms, shower area and laundry room on the second floor have resilient flooring. We have budgeted for replacement on a shorter maintenance cycle than the restrooms on the first floor due to the higher use in the Duty Crew areas. The flooring in these areas appeared to be regularly maintained, with no issues reported.	\$3.26 / SF FUTURE MAI YEAR 4 (2025) 19 (2040)	NTENANCE COST \$3,137 \$5,331
Guantity:       770 Square Feet       Unit Cost:         Estimate:       770 SF X 100% X \$3.26/SF = \$2,510 + tax = \$2,760       2021 Notes: No new updates were reported.         Previous Notes: The restrooms, shower area and laundry room on the second floor have resilient flooring. We have budgeted for replacement on a shorter maintenance cycle than the restrooms on the first floor due to the higher use in the Duty Crew areas. The flooring in these areas appeared to be regularly maintained, with no issues reported.         Stn.51 12.4.5 1st Floor Sheet Flooring - Replace	\$3.26 / SF FUTURE MAI YEAR 4 (2025) 19 (2040) Finishes/F	NTENANCE COST \$3,137 \$5,331
Guantity:       770 Square Feet       Unit Cost:         Estimate:       770 SF X 100% X \$3.26/SF = \$2,510 + tax = \$2,760       2021 Notes: No new updates were reported.         Previous Notes: The restrooms, shower area and laundry room on the second floor have resilient flooring. We have budgeted for replacement on a shorter maintenance cycle than the restrooms on the first floor due to the higher use in the Duty Crew areas. The flooring in these areas appeared to be regularly maintained, with no issues reported.         Stn.51 12.4.5 1st Floor Sheet Flooring - Replace       Next Maintenance:	\$3.26 / SF FUTURE MAI YEAR 4 (2025) 19 (2040) Finishes/F Year 9 (2030)	NTENANCE COST \$3,137 \$5,331
Guantity:       770 Square Feet       Unit Cost:         Estimate:       770 SF X 100% X \$3.26/SF = \$2,510 + tax = \$2,760       2021 Notes: No new updates were reported.         Previous Notes: The restrooms, shower area and laundry room on the second floor have resilient flooring. We have budgeted for replacement on a shorter maintenance cycle than the restrooms on the first floor due to the higher use in the Duty Crew areas. The flooring in these areas appeared to be regularly maintained, with no issues reported.         Stn.51 12.4.5 1st Floor Sheet Flooring - Replace       Next Maintenance:	\$3.26 / SF FUTURE MAI YEAR 4 (2025) 19 (2040) Finishes/F	NTENANCE COST \$3,137 \$5,331
Guantity:       770 Square Feet       Unit Cost:         Estimate:       770 SF X 100% X \$3.26/SF = \$2,510 + tax = \$2,760       2021 Notes: No new updates were reported.         Previous Notes: The restrooms, shower area and laundry room on the second floor have resilient flooring. We have budgeted for replacement on a shorter maintenance cycle than the restrooms on the first floor due to the higher use in the Duty Crew areas. The flooring in these areas appeared to be regularly maintained, with no issues reported.         Stn.51 12.4.5 1st Floor Sheet Flooring - Replace       Next Maintenance:         Maintenance Cycle:       20 years       Next Maintenance:         Quantity:       1,950 Square Feet       Unit Cost:	\$3.26 / SF FUTURE MAI YEAR 4 (2025) 19 (2040) Finishes/F Year 9 (2030)	NTENANCE COST \$3,137 \$5,331
Quantity:770 Square FeetUnit Cost:Estimate:770 SF X 100% X \$3.26/SF = \$2,510 + tax = \$2,7602021 Notes: No new updates were reported.2021 Notes: No new updates were reported.Previous Notes: The restrooms, shower area and laundry room on the second floor have resilient flooring. We have budgeted for replacement on a shorter maintenance cycle than the restrooms on the first floor due to the higher use in the Duty Crew areas. The flooring in these areas appeared to be regularly maintained, with no issues reported.Stn.51 12.4.5 1st Floor Sheet Flooring - ReplaceNext Maintenance: Unit Cost: Estimate: 1,950 Square FeetQuantity:1,950 Square FeetUnit Cost: Unit Cost: 2021 Notes: No new updates were reported.2021 Notes: No new updates were reported.2021 Notes: No new updates were reported.	\$3.26 / SF FUTURE MAI YEAR 4 (2025) 19 (2040) 19 (2040) Finishes/F Year 9 (2030 \$15.28 / SF	NTENANCE COST \$3,137 \$5,331
Quantity:       770 Square Feet       Unit Cost:         Estimate:       770 SF X 100% X \$3.26/SF = \$2,510 + tax = \$2,760       2021 Notes: No new updates were reported.         2021 Notes:       No new updates were reported.       Previous Notes: The restrooms, shower area and laundry room on the second floor have resilient flooring. We have budgeted for replacement on a shorter maintenance cycle than the restrooms on the first floor due to the higher use in the Duty Crew areas. The flooring in these areas appeared to be regularly maintained, with no issues reported.         Stn.51 12.4.5 1st Floor Sheet Flooring - Replace       Next Maintenance:         Quantity:       1,950 Square Feet       Unit Cost:         Estimate:       1,950 SF X 100% X \$15.28/SF = \$29,796 + tax = \$32,810	\$3.26 / SF FUTURE MAI YEAR 4 (2025) 19 (2040) 19 (2040) Finishes/F Year 9 (2030 \$15.28 / SF FUTURE MAI	NTENANCE COST \$3,137 \$5,331

**RESERVE CONSULTANTS** LLC **Estimate:** 2,510 SF X 100% X \$15.28/SF = \$38,353 + tax = \$42,230

Stn.51 12.4.6 2nd Floor Sheet Flooring - Replace

Finishes/Furnishings Next Maintenance: Year 4 (2025) Unit Cost: \$15.28 / SF<sup>PAGE 16 of 34</sup>



COMPONENT SUMMARY

FUTURE MAINTENANCE WITH INFLATED ESTIMATES

2021 Notes: No new updates were reported.

Previous Notes: Welded seam rubber sheet flooring was specified in eight rooms on the second level, including the Kitchen, hallways, and support areas. Rubber treads are located on the stairwell treads. This component budgets funds for periodic replacement of these surfaces more frequently than areas with the same type of flooring on the first floor because they are more heavily trafficked. The areas observed appeared to be regularly maintained.

 FUTURE MAINTENANCE

 YEAR
 COST

 4 (2025)
 \$47,992

 19 (2040)
 \$81,562

16-Nov-21

Stn.51 12.4.7 1st Floor Stained Concrete - Refurbish		Finishes/I	Furnishing
Maintenance Cycle: 12 years Quantity: 510 Square Feet Estimate: 510 SF X 100% X \$27.50/SF = \$14,025 + tax = \$15,440		Year 1 (2022 \$27.50 / SF	)
2021 Notes: No new updates were reported.		FUTURE MA	INTENANCE
Draviaus Natas, Stained apparate surfaces are located in the Labby same ba	allwave and in front of	YEAR	COST
Previous Notes: Stained concrete surfaces are located in the Lobby, some has the kitchenettes in the Public Meeting Room. This component provides funds flooring surface to keep these high use areas in optimal condition. They were issues reported.	s to refurbish the	1 (2022) 13 (2034) 25 (2046)	\$16,058 \$23,568 \$37,733
Stn.51 12.6.1 Elevator Cab Interior - Remodel		Finishes/I	Furnishing
Maintenance Cycle: 40 years Quantity: 1 Lump Sum Estimate: \$6,120	Next Maintenance: Unit Cost:	-	50)
2021 Notes: No new updates were reported.		FUTURE MA	
2021 Notes: No new updates were reported. Previous Notes: Remodeling the elevator cab is reportedly a low priority for funds for updating the cab interiors in conjunction with major elevator maint inside the cab are wearing well.		<b>FUTURE MA</b> <b>YEAR</b> 29 (2050)	INTENANCI COST \$17,497
Previous Notes: Remodeling the elevator cab is reportedly a low priority for funds for updating the cab interiors in conjunction with major elevator maint		YEAR	COST
Previous Notes: Remodeling the elevator cab is reportedly a low priority for funds for updating the cab interiors in conjunction with major elevator maint inside the cab are wearing well.	tenance. The finishes	<b>YEAR</b> 29 (2050)	<b>Cost</b> \$17,497 <b>Elevat</b> 50)
Previous Notes: Remodeling the elevator cab is reportedly a low priority for funds for updating the cab interiors in conjunction with major elevator maint inside the cab are wearing well. Stn.51 14.1.1 Elevator - Major Upgrades Maintenance Cycle: 40 years Quantity: 1 Lump Sum	tenance. The finishes	<b>YEAR</b> 29 (2050) Year 29 (205	Cost \$17,497 Elevat 50) / LS
Previous Notes: Remodeling the elevator cab is reportedly a low priority for funds for updating the cab interiors in conjunction with major elevator maint inside the cab are wearing well. Stn.51 14.1.1 Elevator - Major Upgrades Maintenance Cycle: 40 years Quantity: 1 Lump Sum Estimate: \$127,420	tenance. The finishes Next Maintenance: Unit Cost:	YEAR 29 (2050) Year 29 (205 \$127,420.00	Cost \$17,497 Elevat 50) / LS

# Stn.51 14.1.2 Elevators - 5 Year Load Test

Maintenance Cycle: 5 years Quantity: 1 Lump Sum Estimate: \$5,610 Next Maintenance: Year 5 (2026) Unit Cost: \$5,610.00 / LS

 FUTURE MAINTENANCE

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 YEAR

 5 (2026)
 \$6,567

RESERVE CONSULTANTS LLC

Previous Notes: This component budgets for the Five-Year Safety Test for elevators mandated by the Washington State Department of Labor and Industries. The test evaluates the overspeed

#### Elevator



COMPONENT SUMMARY FUTURE MAINTENANCE WITH INFLATED ESTIMATES

rupture valve and the plunger gripper per code requirements. This test is not typically covered under maintenance contracts and has an average cost of about \$5,000 per elevator cab to complete.

	ie net zi
10 (2031)	\$7,613
15 (2036)	\$9,262
20 (2041)	\$11,268
25 (2046)	\$13,710
Repeat Eve	ery 5 Years

16-Nov-21

stn.51 15.2.1 Plumbing System - Contingency	Life Safe
Maintenance Cycle: 5 years	Next Maintenance: Year 3 (2024)
<b>Guantity:</b> 1 Lump Sum	Unit Cost: \$5,100.00 / LS
Estimate: \$5,100	

 2021 Notes: No new updates were reported.
 FUTURE MAINTENANCE

 Previous Notes: The supply plumbing is copper; its useful life should exceed the scope of this report. The Station has experienced some issues with pin hole leaks, which is not uncommon with copper plumbing. We carry a contingency to deal with periodic plumbing supply and drain line issues as they arise.
 YEAR
 COST

 3 (2024)
 \$5,627
 8 (2029)
 \$6,523

 13 (2034)
 \$7,785

 18 (2039)
 \$9,471

 18 (2039)
 \$9,471

 23 (2044)
 \$11,523

 Repeat Every 5 Years

**FUTURE MAINTENANCE** 

YEAR

COST

Stn.51 15.2.2 Plumbing Supply Lines - Replace			Life Safety
Maintenance Cycle: 60 years		Next I	Maintenance: Year 49 (2070)
Quantity: 1 Lump Sum			Unit Cost: \$61,160.00 / LS
<b>Estimate:</b> \$61,160			

2021 Notes: No new updates were reported.

Previous Notes: It was reported that some pin hole leaks have been experienced by the Station since construction was completed in 2011. It is our understanding that the quality of contemporary copper supply lines is not as high as that of copper used in the past. In addition, the circulating hot water system could promote a shorter useful life of the supply system. Therefore, a budget to replace the supply lines with PEX, or its equivalent, is budgeted once the system has been in service for 60 years. The cost will vary greatly on what supply lines are used at the time of replacement, accessibility to the lines, etc. This component is intended to help financially prepare the Station for the future expense, with the intention that the pricing will be refined as replacement is in a 5 - 10 year frame.

Maintenance Cycle: 10 years	Next Maintenance: Year	8 (2029)	
Quantity: 12 Zones	Unit Cost: \$794	• •	
Estimate: 12 ZN X 100% X \$794.73/ZN = \$9,537 + tax =			
2021 Notes: No new updates were reported.	FUT	URE MAINTENA	NCE
	Y	EAR CO	ST
Previous Notes: There are approximately twelve zones associated with the drip sy controller was replaced. This component allocates funds for major maintenance o		2029) \$13,4	130
system, beyond what is handled by the landscaping maintenance ci		2039) \$19,5	500
operating budget, such as selective repairs to sections of plumbing. The estimated costs would not be sufficient to replace the entire sy		(2049) \$28,8	364
Charles T. 15, 7, 9, Charles Michael Constants - Constinues and			
Stn.51 15.3.2 Storm Water System - Contingency	Novt Maintonanco: Voar	1 (2022)	

Stn.51 15.3.2 Storm Water System - Contingency	
Maintenance Cycle: 3 years	Next Maintenance: Year 1 (2022)
<b>Guantity:</b> 1 Lump Sum	Unit Cost: \$5,100.00 / LS
<b>Estimate:</b> \$5,100	

2021 Notes: No new updates were reported.

Previous Notes: It was reported that there are nine organic filters that need periodic replacement. This budget covers the cost to replace the filters and complete other maintenance to the **RESERVE CONSULTANTS** LLC as needed.

FUTURE MAINTENANCE		
YEAR	COST	
1 (2022)	\$5,304	
4 (2025)	\$5,796 AGE 18 of 34 \$6,333	
7 (2028) P	\$6,333	
10 (2031)	\$6,921	



COMPONENT SUMMARY FUTURE MAINTENANCE WITH INFLATED ESTIMATES

16-Nov-21

13 (2034) \$7,785 Repeat Every 3 Years

Stn.51 15.4.1 Fire Detection System - Maintenance			Life Safety
• •		Year 3 (2024 \$2,550.00 /	
2021 Notes: No new updates were reported.		FUTURE MA	INTENANCE
Draviaus Natas: The fire detection system repair allowance is intended to financially propare t	ho	YEAR	COST
revious Notes: The fire detection system repair allowance is intended to financially prepare the ration to maintain the fire detection and related systems, including smoke and CO sensors, alarms,	3 (2024)	\$2,814	
exit signage and emergency egress fixtures.		8 (2029)	\$3,262
		13 (2034)	\$3,892
		18 (2039)	\$4,736
		23 (2044)	\$5,762
		Repeat Eve	ery 5 Years
Stn.51 15.4.2 Fire Sprinkler System - Maintenance			Life Safet
Maintenance Cycle: 15 years Next Mainte	nance:	Year 4 (2025	5)
Quantity:     1 Lump Sum     Uni       Estimate:     \$8,160	t Cost:	\$8,160.00 / I	_S
2021 Notes: No new updates were reported.		FUTURE MA	INTENANCE
New jour Neters The building has a water violater system throughout the ecoupied building. Th		YEAR	COST
Previous Notes: The building has a wet sprinkler system throughout the occupied building. The system will occasionally need piping and sprinkler head repairs. This component provides a naintenance contingency for such repairs, though no issues were reported at the time of our <i>r</i> isit.		4 (2025) 19 (2040)	\$9,273 \$15,760
Stn.51 15.5.1 Water Heater - Contingency			Life Safet
		Year 9 (2030 \$7,538.60 / I	•
2021 Notes: No new updates were reported.		FUTURE MA	INTENANCE
Previous Notes: The Station has two Phoenix 80 gallon direct vent ultra-high efficiency gas ho	ht	YEAR	COST
vater heaters on a circulating water system to provide hot water on demand. We anticipate t becessary repairs to the circulating pumps will be infrequent and inexpensive enough to hand hrough the operating budget. It was reported that the circulating pumps were replaced in 20 This component provides funds for periodic replacement of the hot water heaters and associa expansion tanks.	hat lle 019.	9 (2030) 29 (2050)	\$21,870 \$47,458
Stn.51 15.6.1 Heat Recovery Unit - Replace			Life Safet
		Year 14 (203 \$12,225.25 /	
2021 Notes: No new updates were reported.		FUTURE MA	INTENANCE
		YEAR	COST
Previous Notes: A gas Aaon Bunker Gear heat recovery rooftop unit was specified for Station Since the unit is located on the rooftop, replacement of the unit will require extra effort, with		14 (2035)	\$21,367

Since the unit is located on the rooftop, replacement of the unit will require extra effort, with the possibility that a crane may be necessary to remove and replace the equipment. We budget for total replacement of the unit at the end of its typical useful life, when major repairs are no longer feasible.



COMPONENT SUMMARY

FUTURE MAINTENANCE WITH INFLATED ESTIMATES

Stn.51 15.6.2 Indirect Makeup AHU - Replace			Life Safety
· · ·	Next Meintenen		-
Maintenance Cycle: 20 years Quantity: 1 Each	Next Maintenance:	\$9,164.40 / E	
Estimate: 1 EA X 100% X \$9,164.40/EA = \$9,164 + tax = \$10,090	onit cost.	\$9,104.4071	_A
2021 Notes: No new updates were reported.		FUTURE MA	INTENANCE
		YEAR	COST
Previous Notes: Aaon RN-016 indirect makeup air handling unit is located in the r			
Since the unit is located on the rooftop, replacement of the unit will require extra possibility that a crane may be necessary to remove and replace the equipment. total replacement of the unit at the end of its typical useful life, when major repa	We budget for	9 (2030) 29 (2050)	\$13,293 \$28,846
feasible.			
Stn.51 15.6.3 Furnace - Replace			Life Safety
Maintenance Cycle: 20 years Quantity: 1 Each Estimate: 1 EA X 100% X \$2,034.51/EA = \$2,035 + tax = \$2,240	Next Maintenance: Unit Cost:	Year 9 (2030 \$2,034.51 / E	
2021 Notes: No new updates were reported.		FUTURE MA	INTENANCE
		YEAR	COST
Previous Notes: A Reznor SDH-100 furnace was specified for the Station. The sys operational at the time of our visit. We budget for major repairs or replacement of		9 (2030)	\$2,951
operational at the time of our visit. We budget for major repairs of replacement	or the system at	29 (2050)	\$6,404
the end of its anticipated useful life.			+ = , · = ·
the end of its anticipated useful life.			
the end of its anticipated useful life.			
the end of its anticipated useful life.			
the end of its anticipated useful life.			
the end of its anticipated useful life.			

Stn.51 15.6.4 VRF Heat Pump - Contingency		Life Safety
Maintenance Cycle: 6 years	Next Maintenance:	Year 4 (2025)
Quantity: 40 Each	Unit Cost:	\$1,355.52 / EA
Estimate: 40 EA X 33% X \$1,355.52/EA = \$17,893 + tax = \$19,700		
2021 Notes: No new updates were reported.		FUTURE MAINTENANCE

Stn.51 15.6.5 HVAC System - Contingency	Life Safety
Maintenance Cycle: 5 years	Next Maintenance: Year 3 (2024)
<b>Quantity:</b> 1 Lump Sum	Unit Cost: \$5,100.00 / LS
<b>Estimate:</b> \$5,100	

2021 Notes: No new updates were reported.

Previous Notes: This component provides a contingency for HVAC components not specifically listed, such as the Markel H3483 ceiling electric heater, five branch circuit controllers, eight electric duct heaters, and two Markle P-125 Radiant ceiling heat panels in the EMS storage room that were specified for the Station. It was reported that the HVAC system has not been performing as expected, and that two blowers were replaced in 2019 at a cost of \$1,200.

FUTURE MAINTENANCE		
YEAR	COST	
3 (2024)	\$5,627	
8 (2029)	\$6,523	
13 (2034)	\$7,785	
18 (2039)	\$9,471	
23 (2044)	\$11,523	
Repeat Every 5 Years		



Next Maintenance: Year 9 (2030) Unit Cost: \$2,341.81 / EA



COST

\$22,388

\$26,732

\$33,825

\$42,799

\$54,155

16-Nov-21



COMPONENT SUMMARY

FUTURE MAINTENANCE WITH INFLATED ESTIMATES

#### Estimate: 6 EA X 100% X \$2,341.81/EA = \$14,051 + tax = \$15,470

2021 Notes: No new updates were reported.

Previous Notes: There are six Roberts Gordon Vantage II infrared heaters in the Apparatus Bay. No issues were reported; the budget provides funds for total replacement at the end of their typical useful life.

FUTURE MAINTENANCE YEAR соѕт 9 (2030) \$20,381 29 (2050) \$44,227

16-Nov-21

Stn.51 15.7.1 Exhaust Fans - Contingency			Life Safet
Maintenance Cycle: 5 years Quantity: 14 Each Estimate: 14 EA X 33% X \$1,527.54/EA = \$7,057 + tax = \$7,770	Next Maintenance: Unit Cost:	Year 3 (2024 \$1,527.54 / E	
2021 Notes: No new updates were reported.		FUTURE MA	INTENANCE
Previous Notes: There are thirteen exhaust fans located throughout Station 51 ar	d a consciplized	YEAR	COST
exhaust removal system is in the Apparatus Bay. This budget establishes a repair ensure that the system has funding to keep it in optimal condition. The budget re costs to repair up to 33% of the system each maintenance cycle, including vent r exterior of the building. Typically, exhaust systems are maintained, rather than re replaced within a 30 year timeframe.	r contingency to eflects anticipated noods on the	3 (2024) 8 (2029) 13 (2034) 18 (2039) 23 (2044)	\$8,573 \$9,938 \$11,860 \$14,430 \$17,556
		Repeat Ev	
Stn.51 16.3.1 Electrical System - Contingency			Life Safe
Maintenance Cycle: 10 years Quantity: 1 Lump Sum Estimate: \$5,100	Next Maintenance: Unit Cost:	Year 8 (2029 \$5,100.00 /	
2021 Notes: No new updates were reported.		FUTURE MA	INTENANCE
Previous Notes: Once the electrical system has been in service 20 years we typic	ally recommend an	YEAR	COST
electrical preventative maintenance inspection and service on all panels every th		8 (2029)	\$6,523
component provides a contingency to address future preventative maintenance		18 (2039)	\$9,471
any other electrical system issue that may arise. The electrical meter bases are h interior of the building, so we do not anticipate that they will need to be replaced years.		28 (2049)	\$14,020
Stn.51 16.5.1 Emergency Generator - Replace			Life Safet
Maintenance Cycle: 30 years Quantity: 1 Each Estimate: 1 EA X 100% X \$18,328.79/EA = \$18,329 + tax = \$20,180	Next Maintenance: Unit Cost:	Year 19 (204 \$18,328.79 /	-
2021 Notes: No new updates were reported.		FUTURE MAINTENA	
Provinus Natas: A Datrait diasal gaparatar with a 1,000 gallon fuel tank provides	nk provides the Station with	YEAR	COST
Previous Notes: A Detroit diesel generator with a 1,000 gallon fuel tank provides the Station with power in the event of a power failure. The system is reportedly tested regularly and has engaged during power outages in the past. Since the generator provides power to a critical emergency service, we budget for replacement once the generator has been in service 30 years. The system may remain serviceable longer with regular maintenance and intermittent use.		19 (2040)	\$38,975
Stn.51 16.5.2 Generator Fuel Tank - Replace			Life Safet
Maintenance Cycle: 30 years Quantity: 1 Each	Next Maintenance: Unit Cost:	Year 19 (204 \$8,147.14 / E	,

RESERVE CONSULTANTS LLC 2021 Notes: No new updates were reported.



COMPONENT SUMMARY FUTURE MAINTENANCE WITH INFLATED ESTIMATES

FUTURE MAINTENANCE WITH INFLATED ESTIMATES		16-Nov-21
Durations Nickey, The first tents for the concentration is to extend in the classester and will provide the second	YEAR	COST
Previous Notes: The fuel tank for the generator is located in the elements and will periodically need to be replaced. Since it is a critical component of the emergency generator system, we have budgeted for its replacement when it has been in service 30 years.	19 (2040)	\$17,325
Stn.51 16.6.1 Exterior Light Fixtures - Replace		Life Safety
Maintenance Cycle:     10 years     Next Maintenance:       Quantity:     1 Lump Sum     Unit Cost:	\$10,190.00 /	
Estimate: \$10,190	\$10,1001007	20
2021 Notes: The exterior light fixtures were replaced in 2020, inluding an upgrade, totaling \$32,000. Future	FUTURE MA	
replacements will likely not include this same upgrade and therefore, the cost will remain unchanged for future		
planning.	<b>YEAR</b> 9 (2030)	<b>COST</b> \$13,425
Previous Notes: There are a variety of exterior light fixtures associated with Station 51, including light bollards,	9 (2030) 19 (2040)	\$19,681
stair lighting (which we understand is not currently functioning), building mounted fixtures and pole mounted fixtures in the parking area. It was reported that some of the lamps needed for some of the building mounted	29 (2050)	\$29,132
fixtures are no longer available; these fixtures will need to be replaced within the next year or so. Since all of	23 (2030)	ΨΖΟ,ΙΟΖ
the fixtures will not be replaced at once, we budget a lump sum each repair cycle to address the lighting		
fixtures that need to be updated or replaced. There are approximately 40 exterior light fixtures total.	I	
Stn.51 16.8.1 Fire Control Panel - Replace		Life Safety
Maintenance Cycle: 20 years         Next Maintenance:	•	
	\$3,460.49 /	ΞA
Estimate: 1 EA X 100% X \$3,460.49/EA = \$3,460 + tax = \$3,810		
2021 Notes: No new updates were reported.	FUTURE MA	NTENANCE
Previous Notes: The Station has one EST fire alarm control panel that is regularly inspected. We do	YEAR	COST
not anticipate that any major maintenance will be required. The budget is for replacement of the	9 (2030)	\$5,019
panel at the end of its useful life.	29 (2050)	\$10,892
Stn.51 16.9.1 Audio/Visual Equipment - Upgrades		Life Safety
Maintenance Cycle: 15 years Next Maintenance:	Year 4 (2025	;) ;
	\$78,490.00 /	′ LS
Estimate: \$78,490		
2021 Notes: No new updates were reported.	FUTURE MA	INTENANCE
Previous Notes: An estimate was provided for upgrades to the current system, which is not up to	YEAR	COST
current standards. The bid includes costs for "Head End" equipment at \$42,641.37 and projection	4 (2025)	\$89,199
system replacement at \$18,329.07, with an additional \$16,000 needed to upgrade the upstairs	40 400 400	\$151,594
training room. We understand that this work will likely be completed by the end of 2020.	19 (2040)	
	19 (2040)	
	19 (2040)	
	19 (2040)	
	19 (2040)	
		l ife Safety
Stn.51 17.1.1 Fireblast 451 - Maintenance		Life Safety
Stn.51 17.1.1 Fireblast 451 - Maintenance Maintenance Cycle: 10 years Next Maintenance:		))
Stn.51 17.1.1 Fireblast 451 - Maintenance Maintenance Cycle: 10 years Next Maintenance:	Year 9 (2030	))

**RESERVE CONSULTANTS** LLC | live fire burn prop that utilizes a propane tank for training drills. This component provides tunds for major repairs and periodic upgrades as needed.

 YEAR
 COST

 9 (2030)
 PAGE 22 of 34

 19 (2040)
 \$19,681



COMPONENT SUMMARY FUTURE MAINTENANCE WITH INFLATED ESTIMATES

16-Nov-21

29 (2050)

\$29,132

Stn.51 18.1.1 Security / Surveillance System - Replace			Securit
Maintenance Cycle: 10 years Next Ma	intenance:	Year 1 (2022)	)
<b>Quantity:</b> 1 Lump Sum <b>Estimate:</b> \$16,310	Unit Cost:	\$16,310.00 /	LS
2021 Notes: At the request of the station, the next maintenance will be planned for 2022.		FUTURE MA	INTENANC
Previous Notes: This year or next there are plans to install one additional keypad and 7 ca	moras as	YEAR	COST
well as upgrades to the software and hardware. There are currently six keypads on site. W		1 (2022)	\$16,962
maintain a budget for future upgrades to the system as components wear out and/or bec	ome	11 (2032)	\$23,017
obsolete.		21 (2042)	\$34,071
Stn.57 2.6.1 Asphalt Paving - Repair			Si
Maintenance Cycle: 6 years Next Ma	intenance:	Year 1 (2022)	)
Quantity: 9,180 Square Feet	Unit Cost:	\$8.15 / SF	
<b>Estimate:</b> 9,180 SF X 5% X \$8.15/SF = \$3,741 + tax = \$4,120			
2021 Notes: At the request of the station, the next maintenance will be planned for 2022.		FUTURE MA	INTENANC
Previous Notes: The asphalt pavement of the parking areas and driveway appeared to be	in good	YEAR	COST
condition overall, with no broken or sunken areas of asphalt noted. The asphalt walkway a	0	1 (2022)	\$4,285
Brookside Blvd NE seemed even with no visible root intrusion damage causing trip hazarc	ls. The	7 (2028)	\$5,116
oudget provides funds to repair up to 5% of the total asphalt pavement. Considering the c	current	13 (2034)	\$6,289
condition of the asphalt pavement we do not include a budget for asphalt overlay.		19 (2040)	\$7,957
		25 (2046)	\$10,069
Stn.57 2.6.2 Asphalt Pavement- Seal Coat & Restripe			Si
Maintenance Cycle: 6 years Next Ma	intenance:	Year 1 (2022)	)
Quantity: 9,180 Square Feet	Unit Cost:	\$0.51 / SF	
<b>Estimate:</b> 9,180 SF X 100% X \$0.51/SF = \$4,682 + tax = \$5,150			
2021 Notes: At the request of the station, the next maintenance will be planned for 2022.		FUTURE MA	INTENANC
Previous Notes: Last seal coated and restriped in 2012, the seal coat seemed to be perform	ning well	YEAR	COST
and the striping was clearly visible. We recommend that the Station regularly repair and s	eal coat	1 (2022)	\$5,356
the asphalt to help prevent water intrusion, which could degrade the subgrade. Over a per		7 (2028)	\$6,395
time water intrusion can lead to "alligatoring" and delamination of the asphalt surface. The provides funds to seal coat and restripe the asphalt pavement every six years in conjuncti		13 (2034)	\$7,861
asphalt paving repairs.		19 (2040)	\$9,947
		25 (2046)	\$12,586
Stn.57 2.7.4 Privacy Wood Fence - Replace			Si
	intenance:	Year 8 (2029	))
<b>Quantity:</b> 120 Linear Feet <b>Estimate:</b> 120 LF X 100% X \$46.85/LF = \$5,622 + tax = \$6,190		\$46.85 / LF	
2021 Notes: No new updates were reported.		FUTURE MA	INTENANC
		YFAR	COST

Previous Notes: The privacy wood fence sits atop a concrete retaining wall located at the north side of the property. Another wood fence section creates a privacy screen around the back-patio area. Both fences appeared to be stable and in good condition. The budget maintains funds to replace the wood fence sections when they have reached the approximate end of their useful life. We do **RESERVE CONSULTANTS** LLC will need to be replaced within the next 30 years.

 YEAR
 COST

 8 (2029)
 \$7,917

 23 (2044)
 \$13,986



COMPONENT SUMMARY

FUTURE MAINTENANCE WITH INFLATED ESTIMATES 16-Nov-21 Stn.57 2.7.5 Chain-link Fence - Repair Site Next Maintenance: Year 18 (2039) Maintenance Cycle: 40 years Unit Cost: \$19.32 / LF **Quantity:** 205 Linear Feet Estimate: 205 LF X 100% X \$19.32/LF = \$3,961 + tax = \$4,360 2021 Notes: No new updates were reported. **FUTURE MAINTENANCE** COST YEAR Previous Notes: A vinyl coated six foot chain-link fence secures the Lyon Creek wetland area 18 (2039) \$8,097 located at the northeast side of the property. The fence appeared to be stable and in good condition. The budget saves for replacing the chain-link fence when it has reached the approximate end of its useful life. Repairs should be paid with funds from the operating budget. Stn.57 2.9.2 Landscaping - Maintenance Site Maintenance Cycle: 8 years Next Maintenance: Year 6 (2027) Unit Cost: \$5,100.00 / LS Quantity: 1 Lump Sum Estimate: \$5,100 2021 Notes: No new updates were reported. FUTURE MAINTENANCE YEAR COST Previous Notes: This component provides funds for periodic large landscaping projects, such as 6 (2027) \$6,149 removing and replacing overgrown plants or large tree pruning. Regular landscaping maintenance is paid for with funds from the operating budget. The budget saves a lump sum amount to be drawn 14 (2035) \$8,096 from as needed. 22 (2043) \$11,080 30 (2051) \$15,164 Stn.57 2.9.3 Wetland - Maintenance Site Maintenance Cycle: 15 years Next Maintenance: Year 13 (2034) Unit Cost: \$10,190.00 / LS **Guantity:** 1 Lump Sum Estimate: \$10,190 2021 Notes: No new updates were reported. **FUTURE MAINTENANCE** YEAR COST Previous Notes: Wetlands are protected environments that require specialized maintenance. 13 (2034) \$15,554 Qualified professionals are required to inspect and repair critical structural features such as embankments, outlets, pipes and risers. Other considerations include removing accumulated 28 (2049) \$28,012 sediment, removal of trash and invasive plants. This component budgets funds for periodic inspections, permits and maintenance of the wetland area adjacent to Station 57. Stn.57 3.3.3 Exterior Concrete Paving - Repair Concrete Maintenance Cycle: 6 years Next Maintenance: Year 2 (2023) **Quantity:** 1,730 Square Feet Unit Cost: \$8.56 / SF Estimate: 1,730 SF X 20% X \$8.56/SF = \$2,962 + tax = \$3,260 2021 Notes: No new updates were reported. **FUTURE MAINTENANCE** YEAR COST Previous Notes: The concrete pavement of the walkways and patio seemed to be in good condition. 2 (2023) \$3,492 In 2017 concrete sections were slab jacked to remove trip hazards. We budget to repair up to 20% of the concrete walkways and curbs each repair cycle. We recommend grinding or cutting the 8 (2029) \$4,170 concrete to resolve trip hazards where possible. Cracks, spalling and/or damaged areas that cannot 14 (2035) \$5,175 be corrected by grinding are intended to be covered by this component. 20 (2041) \$6.548 26 (2047) \$8,286

RESERVE CONSULTANTS LLC

Stn.57 6.1.2 Garbage Bin Enclosure - Contingency



COMPONENT SUMMARY

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FUTURE MAINTENANCE WITH INFLATED ESTIMATES

16-Nov-21

Maintenance Cycle:	20 years
Quantity:	1 Lump Sum
Estimate:	\$1,530

Next Maintenance: Year 18 (2039) Unit Cost: \$1,530.00 / LS

Estimate: \$1,530				
2021 Notes: No new updates were reported.	FUTURE MA	INTENANCE		
Previous Notes: The dumpster enclosure has three six-foot brick walls with a front-closing wood		COST		
gate. The budget allocates funds to replace the wood gate only. Brick repairs of the dumpster walls may be addressed as needed in conjunction with the brick siding maintenance.	18 (2039)	\$2,841		
Stn.57 6.4.5 Brick Siding - Maintenance	E>	(t Envelop		
Maintenance Cycle: 20 years Next Maintenance:	Year 8 (2029	9)		
· · ·		\$24.44 / SF		
<b>Estimate:</b> 4,860 SF X 10% X \$24.44/SF = \$11,878 + tax = \$13,080	. , -			
2021 Notes: No new updates were reported.		FUTURE MAINTENANCE		
Previous Notes: The brick siding of the station building appeared to be in good condition, with no	YEAR	COST		
visible staining, efflorescence or cracking noted. The reserve allowance is intended for periodic	8 (2029)	\$16,730		
repairs and tuck-pointing of the brick façades with a budget to address up to 10% of the maintenance each repair cycle.	28 (2049)	\$35,956		

Stn.57 7.3.2 Gutters & Downspouts - Replace		Ex	t Envelope
Maintenance Cycle: 20 years	Next Maintenance:	Year 11 (2032	2)
Quantity: 511 Linear Feet	Unit Cost:	\$5.72 / LF	
Estimate: 511 LF X 100% X \$5.72/LF = \$2,923 + tax = \$3,220			
2021 Notes: No new updates were reported.		FUTURE MA	INTENANCE
Previous Notes: The component saves for replacing the gutters and downspouts when they have		YEAR	COST
reached the approximate end of their useful life. The facility representative indicovered by screens.	5	11 (2032)	\$4,544

Maintenance Cycle: 40 years	Next Maintenance:	Year 11 (203	2)
Quantity: 70 Roofing Squares	Unit Cost:	\$794.34 / SC	2
Estimate: 70 SQ X 100% X \$794.34/SQ = \$55,604 + tax = \$61,220	)		
2021 Notes: No new updates were reported.		FUTURE MA	INTENANCE
Previous Notes: The metal roof appeared to be clean and in good condition overall. T		YEAR	COST
original to the building with an install date of 1992. We budget for a complete r the roof nears the end of its useful life the year for replacement may be adjuste well the roof is performing	oof replacement. As	11 (2032)	\$86,396

# Stn.57 7.4.8 Roof Inspection & Minor Repair RESERVE CONSULTANTS LLC

**Estimate:** 70 SQ X 5% X \$794.08/SQ = \$2,779 + tax = \$3,060

**Ext Envelope** Next Maintenance: Year 5 (2026) Unit Cost: \$794.08 / \$Q^{GE 25 of 34}



COMPONENT SUMMARY FUTURE MAINTENANCE WITH INFLATED ESTIMATES

2021 Notes: This work was completed as planned in 2021.

Previous Notes: We include a budget for regular roof inspections and repairs as needed with a budget equal to 5% of the total replacement. Due to the considerable damage potential a leaking roof can cause, we recommend regular cleanings and inspections to maintain the integrity of the weatherproof membrane, flashing and joints.

	FUTURE MAINTENANCE			
	YEAR	COST		
I	5 (2026)	\$3,582		
	10 (2031)	\$4,152		
	15 (2036)	\$5,052		
	20 (2041)	\$6,146		
	25 (2046)	\$7,478		

8 (2029)

16-Nov-21

Stn.57 8.2.8 Common Doors & Hardware - Maintenance			Envelop
Maintenance Cycle: 10 years Next Maintena		·	)
	<b>Cost:</b> \$660.20	) / EA	
Estimate: 31 EA X 15% X \$660.20/EA = \$3,070 + tax = \$3,380	_		
2021 Notes: The Station feels the common doors and hardware are in good working order and	FUTURI	FUTURE MAINTENANCI	
herefore maintenance will be moved from 2024 to 2031.	YEAR	2	COST
Previous Notes: Since is it unlikely that the station will need to replace all of the common doors	and 10 (20)	31)	\$4,587
hardware at once, we budget a maintenance contingency to replace about four doors and hard	ana		\$6.789
sets every maintenance cycle. We anticipate that the funds will be used as needed to keep the doors secure and operational at all times.	30 (20	.	\$10,050
Stn.57 8.2.6 Overhead Bay Door - Replace		Ext	Envelop
Maintenance Cycle: 20 years Next Maintena	-		
	<b>Cost:</b> \$1,055.4	0 / EA	4
Estimate: 5 EA X 100% X \$1,055.40/EA = \$5,277 + tax = \$5,810			
2021 Notes: No new updates were reported.	FUTURI		TENANCE
	YEAR	2	COST
Previous Notes: The Apparatus Bay is secured by five 14-foot tall sectional overhead bay doors with pane windows. The budget provides funds to replace the doors when they have reached the approximate end of their useful life. Funds may be drawn from as needed to keep the doors and approximate devices and be approximated backgroup as the second backgroup of the sec			AZ 471
approximate end of their useful life. Funds may be drawn from as needed to keep the doors and	8 (202		\$7,431 \$15,971
approximate end of their useful life. Funds may be drawn from as needed to keep the doors and associated hardware, such as springs, functional at all times.	8 (202	49)	\$15,971
approximate end of their useful life. Funds may be drawn from as needed to keep the doors and associated hardware, such as springs, functional at all times. Stn.57 8.2.7 Bay Door Operator - Contingency	8 (202 d 28 (204	Ext	\$15,971 Envelop
approximate end of their useful life. Funds may be drawn from as needed to keep the doors and associated hardware, such as springs, functional at all times. Stn.57 8.2.7 Bay Door Operator - Contingency Maintenance Cycle: 20 years Next Maintena	8 (202 d 28 (204	49) Ext (2039	\$15,971 <b>Envelop</b>
Stn.57 8.2.7 Bay Door Operator - Contingency Maintenance Cycle: 20 years Quantity: 5 Each Maintenance Cycle: 20 years Quantity: 5 Each	8 (202 d 28 (204	49) Ext (2039	\$15,971 <b>Envelop</b>
pproximate end of their useful life. Funds may be drawn from as needed to keep the doors and associated hardware, such as springs, functional at all times. Stn.57 8.2.7 Bay Door Operator - Contingency Maintenance Cycle: 20 years Next Maintena	8 (202 d 28 (204	49) Ext (2039	\$15,971 Envelor
Approximate end of their useful life. Funds may be drawn from as needed to keep the doors and associated hardware, such as springs, functional at all times. Stn.57 8.2.7 Bay Door Operator - Contingency Maintenance Cycle: 20 years Quantity: 5 Each Estimate: 5 EA X 100% X \$10,185.29/EA = \$50,926 + tax = \$56,070	8 (202 d 28 (204 ance: Year 18 ( Cost: \$10,185.2	(2039 29 / E	\$15,971 Envelop
Approximate end of their useful life. Funds may be drawn from as needed to keep the doors and associated hardware, such as springs, functional at all times.  Stn.57 8.2.7 Bay Door Operator - Contingency Maintenance Cycle: 20 years Quantity: 5 Each Linit C Estimate: 5 EA X 100% X \$10,185.29/EA = \$50,926 + tax = \$56,070  2021 Notes: No new updates were reported.	8 (202 d 28 (204 ance: Year 18 ( Cost: \$10,185.2	49) Ext (2039 29 / E. E MAIN	\$15,971 <b>Envelop</b> ) A
Stn.57 8.2.7 Bay Door Operator - Contingency         Maintenance Cycle: 20 years       Next Maintenate         Guantity: 5 Each       Unit of         Estimate: 5 EA X 100% X \$10,185.29/EA = \$50,926 + tax = \$56,070         2021 Notes: No new updates were reported.         Previous Notes: The Apparatus Bay sectional overhead doors are operated by gearhead trolley-         Style operators. The operators were reported to be functioning properly. The budget provides for	8 (202 d 28 (204 ance: Year 18 ( Cost: \$10,185.2 FUTURI YEAR	49) Ext (2039 29 / E E MAIN	\$15,971 Envelop ) A VTENANC
Approximate end of their useful life. Funds may be drawn from as needed to keep the doors and associated hardware, such as springs, functional at all times.  Stn.57 8.2.7 Bay Door Operator - Contingency Maintenance Cycle: 20 years Quantity: 5 Each Next Maintenature Unit of the second seco	8 (202 d 28 (204 ance: Year 18 ( Cost: \$10,185.2 FUTURI YEAR	49) Ext (2039 29 / E E MAIN	\$15,971 Envelop ) A VTENANCE
Approximate end of their useful life. Funds may be drawn from as needed to keep the doors and associated hardware, such as springs, functional at all times.  Stn.57 8.2.7 Bay Door Operator - Contingency Maintenance Cycle: 20 years Quantity: 5 Each Unit C Estimate: 5 EA X 100% X \$10,185.29/EA = \$50,926 + tax = \$56,070  2021 Notes: No new updates were reported.  Previous Notes: The Apparatus Bay sectional overhead doors are operated by gearhead trolley- style operators. The operators were reported to be functioning properly. The budget provides from replace five bay door operators.  Stn.57 8.3.3 Storefront System - Maintenance	8 (202 d 28 (204 ance: Year 18 ( Cost: \$10,185.2 FUTURI YEAR	<b>Ext</b> (2039) 29 / E <b>E MAIN</b> 8	\$15,971 <b>Envelop</b> ) A <b>NTENANCI</b> \$104,128
Approximate end of their useful life. Funds may be drawn from as needed to keep the doors and associated hardware, such as springs, functional at all times.  Stn.57 8.2.7 Bay Door Operator - Contingency Maintenance Cycle: 20 years Quantity: 5 Each Unit of Estimate: 5 EA X 100% X \$10,185.29/EA = \$50,926 + tax = \$56,070  2021 Notes: No new updates were reported.  Previous Notes: The Apparatus Bay sectional overhead doors are operated by gearhead trolley- style operators. The operators were reported to be functioning properly. The budget provides for replace five bay door operators.  Stn.57 8.3.3 Storefront System - Maintenance Maintenance Cycle: 10 years Next Maintena	8 (202 d 28 (204 ance: Year 18 ( Cost: \$10,185.2 FUTURI YEAR 18 (203 ance: Year 8 (2	<b>Ext</b> (2039) 29 / E <b>E MAIN</b> 39) <b>Ext</b> 2029)	\$15,971 Envelop ) A TENANCE \$104,128 Envelop
Import in the intervention of the intervent of the intervention of the intervention of the inte	8 (202 d 28 (204 ance: Year 18 ( Cost: \$10,185.2 FUTURI YEAR 18 (203	<b>Ext</b> (2039) 29 / E <b>E MAIN</b> 39) <b>Ext</b> 2029)	\$15,971 Envelog A TENANCI \$104,128
Stn.57 8.2.7 Bay Door Operator - Contingency         Maintenance Cycle: 20 years       Next Maintenance Quantity: 5 Each         Guantity: 5 Each       Unit of Estimate: 5 EA X 100% X \$10,185.29/EA = \$50,926 + tax = \$56,070         2021 Notes: No new updates were reported.         Previous Notes: The Apparatus Bay sectional overhead doors are operated by gearhead trolley-tyle operators. The operators were reported to be functioning properly. The budget provides for replace five bay door operators.         Stn.57 8.3.3 Storefront System - Maintenance         Maintenance Cycle: 10 years	8 (202 d 28 (204 cost: \$10,185.2 FUTURI Teunds 18 (203 18 (203 18 (203 Sunds 18 (203 18 (203 18 (203 Sunds 18 (203	<b>Ext</b> (2039) 29 / E <b>E MAIN</b> (2039) 59) <b>E MAIN</b> (2029) 59) (202)	\$15,971 <b>Envelog</b> A <b>TENANCI</b> \$104,128 <b>Envelog</b> A
pproximate end of their useful life. Funds may be drawn from as needed to keep the doors and issociated hardware, such as springs, functional at all times. Stn.57 8.2.7 Bay Door Operator - Contingency Maintenance Cycle: 20 years Quantity: 5 Each Unit of Estimate: 5 EA X 100% X \$10,185.29/EA = \$50,926 + tax = \$56,070 2021 Notes: No new updates were reported. Previous Notes: The Apparatus Bay sectional overhead doors are operated by gearhead trolley- tyle operators. The operators were reported to be functioning properly. The budget provides fo o replace five bay door operators. Stn.57 8.3.3 Storefront System - Maintenance Maintenance Cycle: 10 years Quantity: 5 Each Unit of Estimate: 5 EA X 100% X \$3,564.03/EA = \$17,820 + tax = \$19,620	8 (202 d 28 (204 cost: \$10,185.2 FUTURI Teunds 18 (203 18 (203 18 (203 Sunds 18 (203 18 (203 18 (203 Sunds 18 (203	Ext (2039 29 / E E MAIN 39) Ext 2029) 03 / E	\$15,971 Envelog A TENANCI \$104,128

good condition. No issues with functionality were reported. The budget provides funds to repair or



COMPONENT SUMMARY FUTURE MAINTENANCE WITH INFLATED ESTIMATES 16-Nov-21 replace sections of the system and replace door hardware as needed. 18 (2039) \$36,436 28 (2049) \$53,935 Stn.57 8.5.2 Aluminum Framed Windows - Replace **Ext Envelope** Next Maintenance: Year 16 (2037) Maintenance Cycle: 45 years Unit Cost: \$30,580.00 / LS **Quantity:** 1 Lump Sum Estimate: \$30,580 2021 Notes: No new updates were reported. FUTURE MAINTENANCE COST YEAR Previous Notes: The component provides funds for window glazing and frame replacement once 16 (2037) \$52,506 the fifteen windows on the building have been in service approximately 45 years. The Station has about five windows that are over eight feet wide. We have allocated additional funds for the replacement of the oversized windows. Windows are typically replaced because they are not operating properly, to update their appearance and/or to capture better energy efficiency. We expect that failed insulated glazing units will be replaced as needed with funds from the operating budget. Stn.57 9.8.5 Front Entry Steel Framed Structure - Paint **Ext Envelope** Maintenance Cycle: 10 years Next Maintenance: Year 2 (2023) Quantity: 128 Linear Feet Unit Cost: \$16.25 / LF Estimate: 128 LF X 100% X \$16.25/LF = \$2,080 + tax = \$2,290 2021 Notes: No new updates were reported. **FUTURE MAINTENANCE** YEAR COST Previous Notes: The paint of the front entry steel framed structure seemed to be in good condition. 2 (2023) \$2,453 The budget allows for painting the exterior metal periodically. We recommend maintaining a regular paint cycle to protect the exterior metal from moisture damage, which should help the 12 (2033) \$3,361 structure achieve its expected useful life. The glazing panes at the top of the structure should be 22 (2043) \$4,975 maintained with funds from the operating budget. Stn.57 10.4.2 Exterior Signage - Refurbish **Specialties** Next Maintenance: Year 10 (2031) Maintenance Cycle: 15 years Unit Cost: \$2,550.00 / LS **Quantity:** 1 Lump Sum Estimate: \$2,550 2021 Notes: No new updates were reported. **FUTURE MAINTENANCE** YEAR COST Previous Notes: The large metal station number signage was installed in 2016. The budget provides 10 (2031) \$3.460 funds to clean and repaint the numbers and lettering periodically. 25 (2046) \$6,232 Stn.57 11.4.3 Kitchen Equipment - Contingency Equipment Next Maintenance: Year 6 (2027) Maintenance Cycle: 5 years Unit Cost: \$5,093.55 / EA Quantity: 5 Each Estimate: 5 EA X 50% X \$5,093.55/EA = \$12,734 + tax = \$14,020 2021 Notes: No new updates were reported.

Previous Notes: The Station kitchen equipment includes a Viking four burner gas range, an undercounter dishwasher, and three refrigerators. The budget allows for the purchase of up to two **RESERVE CONSULTANTS** LLC

FUTURE MAINTENANCE		
YEAR	COST	
6 (2027)	\$16,903	
11 (2032) 16 (2037)	\$19,786	
16 (2037)	\$19,786 AGE 27 of 34 \$24,072	
21 (2042)	\$29,288	



COMPONENT SUMMARY FUTURE MAINTENANCE WITH INFLATED ESTIMATES

16-Nov-21

26 (2047) \$35,633

			Equipme
• •		Year 3 (2024 \$1,525.89 / E	
2021 Notes: No new updates were reported.		FUTURE MA	
Previous Notes: The Laundry Room provides a super capacity top load washer and a super capacity	YEAR	COST	
	load dryer. Funds are allocated to replace the washer and dryer set with a similar quality ance each maintenance cycle.	3 (2024)	\$3,707
		8 (2029)	\$4,298
	13 (2034)	\$5,129	
		18 (2039)	\$6,240
		23 (2044)	\$7,592
Stn.57 11.6.5 Station Extractor - Bunker Gear Washer			Equipme
• 3		Year 5 (2026 \$8,147.14 / E.	
2021 Notes: No new updates were reported.		FUTURE MA	INTENANCI
		YEAR	COST
Previous Notes: A Unimac washer extractor that is responsible for cleaning the firemen's ge located in the Shop Room next to the Apparatus Bay. After the remodel project in 2020 th		5 (2026)	\$10,500
area will be converted to a Locker Room. The budget provides funds to replace the washer		17 (2038)	\$16,017
extractor with a similar high-performance industrial washer extractor.		29 (2050)	\$25,645
Stn.57 11.8.2 Air Compressor - Replace			Equipme
	itenance:	Year 11 (2032	
		\$10.19 / SF	
Estimate: 3,640 SF X 100% X \$10.19/SF = \$37,092 + tax = \$40,840			
		FUTURE MA	INTENANCE
2021 Notes: No new updates were reported.		FUTURE MA	INTENANCI COST
2021 Notes: No new updates were reported. Previous Notes: The component maintains funds to replace the fire station utility air compr			
Estimate: 3,640 SF X 100% X \$10.19/SF = \$37,092 + tax = \$40,840 2021 Notes: No new updates were reported. Previous Notes: The component maintains funds to replace the fire station utility air compr The equipment was reported as functional at the time of our site visit, with no issues noted		YEAR	COST
2021 Notes: No new updates were reported. Previous Notes: The component maintains funds to replace the fire station utility air compr		YEAR 11 (2032) 23 (2044)	<b>COST</b> \$57,635 \$92,276
2021 Notes: No new updates were reported. Previous Notes: The component maintains funds to replace the fire station utility air compr The equipment was reported as functional at the time of our site visit, with no issues noted Stn.57 12.3.1 Interior Concrete Floor - Refurbish		YEAR 11 (2032) 23 (2044) Finishes/F	Cost \$57,635 \$92,276
2021 Notes: No new updates were reported. Previous Notes: The component maintains funds to replace the fire station utility air compr The equipment was reported as functional at the time of our site visit, with no issues noted Stn.57 12.3.1 Interior Concrete Floor - Refurbish Maintenance Cycle: 25 years Next Main	ntenance:	YEAR 11 (2032) 23 (2044) Finishes/F Year 24 (204	Cost \$57,635 \$92,276
2021 Notes: No new updates were reported. Previous Notes: The component maintains funds to replace the fire station utility air compr The equipment was reported as functional at the time of our site visit, with no issues noted Stn.57 12.3.1 Interior Concrete Floor - Refurbish Maintenance Cycle: 25 years Next Main	ntenance:	YEAR 11 (2032) 23 (2044) Finishes/F	Cost \$57,635 \$92,276
2021 Notes: No new updates were reported. Previous Notes: The component maintains funds to replace the fire station utility air compr The equipment was reported as functional at the time of our site visit, with no issues noted Stn.57 12.3.1 Interior Concrete Floor - Refurbish Maintenance Cycle: 25 years Quantity: 5,748 Square Feet	ntenance:	YEAR 11 (2032) 23 (2044) Finishes/F Year 24 (204	<b>COST</b> \$57,635 \$92,276 <b>Furnishing</b> 15)
2021 Notes: No new updates were reported. Previous Notes: The component maintains funds to replace the fire station utility air compr The equipment was reported as functional at the time of our site visit, with no issues noted Stn.57 12.3.1 Interior Concrete Floor - Refurbish Maintenance Cycle: 25 years Quantity: 5,748 Square Feet Estimate: 5,748 SF X 25% X \$5.09/SF = \$7,314 + tax = \$8,050	tenance: Jnit Cost:	YEAR 11 (2032) 23 (2044) Finishes/F Year 24 (204 \$5.09 / SF	<b>COST</b> \$57,635 \$92,276 <b>Furnishing</b> 15)



COMPONENT SUMMARY

FUTURE MAINTENANCE WITH INFLATED ESTIMATES			16-Nov-21
Stn.57 12.3.2 Apparatus Bay - Refurbish		Finishes/	Furnishings
Maintenance Cycle: 10 years Quantity: 5,844 Square Feet Estimate: 5,844 SF X 100% X \$2.14/SF = \$12,506 + tax = \$13,770	Next Maintenance: Unit Cost:	Year 10 (203 \$2.14 / SF	31)
2021 Notes: The Station has requested the next maintenance to be moved from	2024 to 2031.	FUTURE MA	INTENANCE
Previous Notes: The bid drawings indicate the Apparatus Bay fiberglass reinforce wall panels and ceiling tiles will be replaced. This component maintains funds to apparatus bay FRP panels, and ceiling tile 25 year after the new materials have	refurbish the	YEAR 10 (2031) 20 (2041) 30 (2051)	<b>COST</b> \$18,685 \$27,659 \$40,942
Stn.57 12.3.3 Hallway & Stairwell Walls & Ceiling - Paint			Furnishings
Maintenance Cycle: 25 years Quantity: 1 Lump Sum Estimate: \$7,140	Next Maintenance: Unit Cost:	Year 10 (203 \$7,140.00 / I	
2021 Notes: The Station has requested the next maintenance to be moved from	2024 to 2031.	FUTURE MA	INTENANCE
Previous Notes: The hallways and stairwell leading to the mezzanine level seem condition. These areas are not being updated during the remodel project planne budget provides funds to paint the walls and ceiling of the hallways and stairwe	ed for 2020. The	<b>YEAR</b> 10 (2031)	<b>COST</b> \$9,689
Stn.57 12.3.4 Front Reception Desk & Office - Remodel Maintenance Cycle: 10 years Quantity: 1 Lump Sum	Next Maintenance:	-	,
Estimate: \$25,480	Unit Cost:	φ23,460.00 ,	/ L3

2021 Notes: The Station has requested the next maintenance to be moved from 2022 to 2032.		INTENANCE
Previous Notes: Remodeling the front reception desk and offices is an aesthetic consideration and	YEAR	COST
my be updated at the discretion of the management to fit the needs of the Station.	11 (2032)	\$35,958
		\$53,227

Stn.57 12.3.5 Kitchen - Remodel Maintenance Cycle: 10 years **Guantity:** 1 Lump Sum Estimate: \$10,190

#### Finishes/Furnishings Next Maintenance: Year 10 (2031) **Unit Cost:** \$10,190.00 / LS

2021 Notes: The Station has requested the next maintenance to be moved from 2024 to 2031.	FUTURE MA	INTENANCE
Previous Notes: The Kitchen walls, furniture, counters and cabinets seemed to be in good condition.	YEAR	COST
The kitchen area is not included in the 2020 remodel project. The budget provides fund to update	10 (2031)	\$13,827
the kitchen area within the next five years. This component is also a discretionary expense and may	20 (2041)	\$20,468
	30 (2051)	\$30,298



Finishes/Furnishings

Next Maintenance: Year 10 (2031) Unit Cost: \$15,290.00 / LS



COMPONENT SUMMARY FUTURE MAINTENANCE WITH INFLATED ESTIMATES		16-Nov-21
Estimate: \$15,290		
2021 Notes: The Station has requested the next maintenance to be moved from 2024 to 2031.	FUTURE MA	INTENANCE
Previous Notes: The budget provides funds to update the Day Room and Dining Area. The areas		COST
appeared to be in good condition overall. The budget amount and timing may be adjusted to better fit the needs of the Station.	10 (2031) 25 (2046)	\$20,748 \$37,366
Stn.57 12.3.7 Duty Crew Sleep Rooms - Refurbish	Finishes/I	Furnishings
Maintenance Cycle: 20 years Next Maintenance:		_
	\$5,100.00 / 1	
2021 Notes: No new updates were reported.	FUTURE MA	INTENANCE
Previous Notes: We include a budget a contingency for refurbishing the six sleep rooms in the	YEAR	COST
Station. Funds may be drawn from as needed to paint wall surfaces and replace furnishings.	8 (2029) 28 (2049)	\$6,523 \$14,020
Stn.57 12.3.8 Exercise Room - Refurbish Maintenance Cycle: 15 years Quantity: 1 Lump Sum Estimate: \$30,580 Next Maintenance: Unit Cost:		
2021 Notes: No new updates were reported.	FUTURE MA	
	YEAR	COST
Previous Notes: The exercise room seemed to be in good condition. The lump sum budget provides funds to replace the rubberized flooring, mirrors, and paint walls. Replacing exercise equipment is	14 (2035)	\$48,544
funded through the operating budget.	29 (2050)	\$87,426
Stn.57 12.3.9 Locker & Restroom - Refurbish	Finishes/I	Furnishings
Maintenance Cycle:         15 years         Next Maintenance:	-	-
Quantity: 1 Lump Sum     Unit Cost:       Estimate: \$2,040	\$2,040.00 /	LS
2021 Notes: No new updates were reported.	FUTURE MA	INTENANCE
Previous Notes: The Station plans to remodel the restrooms and create a Locker Room in 2020. This	YEAR	COST
component maintains funds to refurbish the restrooms and Locker Room fifteen years after the	5 (2026)	\$2,388
rooms have been in service.	20 (2041)	\$4,098

# Stn.57 12.3.10 Laundry & Utility Room - Refurbish Maintenance Cycle: 10 years Quantity: 1 Lump Sum RESERVE CONSULTANTS LLC

2021 Notes: No new updates were reported.

Finishes/Furnishings Next Maintenance: Year 8 (2029) Unit Cost: \$10,190.00 / LS

> PAGE 30 of 34 FUTURE MAINTENANCE



COMPONENT SUMMARY FUTURE MAINTENANCE WITH INFLATED ESTIMATES

		10-1107-21
Previous Notes: The Laundry and Utility rooms appeared to be in good condition. The budget is	YEAR	COST
intended for replacing utility sinks, counters and cabinets, as well as painting wall surfaces. A	8 (2029)	\$13,034
separate component budgets funds for replacing the washing and drying equipment.	18 (2039)	\$18,924
	28 (2049)	\$28,012

Stn.57 15.2.3 Plumbing System - Contingency		Life Safety
Maintenance Cycle:10 yearsNext Maintenance:Quantity:1 Lump SumUnit Cost:Estimate:\$5,100	Year 4 (2025 \$5,100.00 /	-
2021 Notes: No new updates were reported.	FUTURE MA	INTENANCE
Previous Notes: The plumbing repair allowance is intended to help financially prepare the Station	YEAR	COST
for any unforeseen problems with the common supply and drain plumbing lines, typically the	4 (2025)	\$5,796
sections running from the utility connection to the buildings. The allowance may be drawn from as	14 (2035)	\$8,096
needed. We have identified most supply lines to be copper with additional PEX lines.	24 (2045)	\$11,984
Stn.57 15.3.3 Irrigation System - Contingency		Life Safety
Maintenance Cycle: 5 years Next Maintenance:	Year 2 (2023	5)
Quantity: 1 Lump SumUnit Cost:Estimate: \$2,550	\$2,550.00 /	LS
2021 Notes: the Station has requested the next maintenance to be moved from 2024 to 2023.	FUTURE MA	INTENANCE

Previous Notes: The irrigation system was reported to be in working condition. The number of zones operating the system was unknown at the time of our site visit. The component provides a lump sum amount to repair or replace as needed sections of irrigation piping, controllers, sprinkler heads, and valves.

Stn.57 15.4.3 Fire Detection System - Maintenance		Life Safety	
Maintenance Cycle: 15 years Next Maintenance	<b>e:</b> Year 5 (2020	6)	
Quantity: 1 Lump Sum Unit Cos	st: \$5,100.00 /	LS	
Estimate: \$5,100			
2021 Notes: No new updates were reported.	FUTURE MA	FUTURE MAINTENANCE	
Previous Notes: The fire detection system repair allowance is intended to financially prepare the		COST	
Station to maintain the fire detection and related systems, including smoke and CO sensors, alarm	5 (2026)	\$5,970	

Stn.57 15.4.4 Wet & Dry Fire Sprinkler System - Contingency Life Safety Maintenance Cycle: 10 years Next Maintenance: Year 8 (2029) Unit Cost: \$5,610.00 / LS Quantity: 1 Lump Sum Estimate: \$5,610

2021 Notes: No new updates were reported.

exit signage and emergency egress fixtures.

RESERVE CONSULTANTS LLC regularly with no issues noted. The budget provides tunds to maintain components of the wet and dry fire suppression system including replacing the compressor, piping, sensor and valves.



16-Nov-21

YEAR

2 (2023)

7 (2028)

12 (2033)

17 (2038)

22 (2043)

20 (2041)

COST

\$2,732

\$3,167

\$3,743

\$4,553

\$5,540

\$10,244



COMPONENT SUMMARY FUTURE MAINTENANCE WITH INFLATED ESTIMATES

Stn.57 15.5.2 Water Heater - Replace			Life Safet
Maintenance Cycle: 15 years Quantity: 3 Each Estimate: 3 EA X 100% X \$2,443.23/EA = \$7,330 + tax = \$8,070	Next Maintenance: Unit Cost:	Year 2 (2023 \$2,443.23 /	
2021 Notes: No new updates were reported.		FUTURE MA	INTENANCE
		YEAR	COST
revious Notes: The 100 gallon water heater has an expected 10-year useful life. The budget allows or replacing the heater with a product of the same kind.	ne budget allows	2 (2023)	\$8,645
		17 (2038)	\$14,410
		Repeat Ev	very Years
Stn.57 15.6.7 HVAC Units - Replace			Life Safety
Maintenance Cycle:         15 years         I           Quantity:         1 Each         Estimate:         1 EA X 100% X \$10,181.65/EA = \$10,182 + tax = \$11,210	Next Maintenance: Unit Cost:	Year 6 (202 \$10,181.65 / I	7)
2021 Notes: No new updates were reported.		FUTURE MA	INTENANCE
Previous Notes: The three Lennox HVAC units located outside are original to the f	acility. The units	YEAR	COST
were reported to be functional with no further issues noted. We allocate reserve f repairs or replacement of three HVAC units.		6 (2027) 21 (2042)	\$13,515 \$23,418
Stn.57 15.6.8 Furnace - Replace			Life Safety
	Next Maintenance: Unit Cost:	Year 4 (202 \$2,546.78 /	5)
2021 Notes: No new updates were reported.		FUTURE MA	INTENANCE
Dravious Notor: The Carrier brand furnace leasted in the equipment rearrant the	second floor was	YEAR	COST
Previous Notes: The Carrier brand furnace located in the equipment room on the seplaced about 5-7 years ago. The unit was reported to be functional at the time		4 (2025)	\$15,933
We budget for replacing the unit when it has reached the approximate end of its		14 (2035)	\$22,256
		24 (2045)	\$32,945
Stn.57 15.6.9 Infrared Overhead Heaters - Replace			Life Safet
Maintenance Cycle: 10 years	Next Maintenance:	Year 8 (2029	<del>)</del> )

**Guantity:** 1 Lump Sum Estimate: \$5,100

Unit Cost: \$5,100.00 / LS

2021 Notes: No new updates were reported.

Previous Notes: The reserve contingency saves for replacing the five Reznor infrared overhead heaters located in the apparatus bay. No issues were noted.

FUTURE MAINTENANCE		
YEAR	COST	
8 (2029)	\$6,523	
18 (2039)	\$9,471	
28 (2049) P	\$14,020 AGE 32 of 34	

16-Nov-21

\$15,422

28 (2049)

#### RESERVE CONSULTANTS LLC



COMPONENT SUMMARY

FUTURE MAINTENANCE WITH INFLATED ESTIMATES

16-Nov-21

Repeat Every Years

Maintenance Cycle: 5 years	Next Maintenance:	Year 3 (2024	)
Quantity: 8 Each	Unit Cost:	\$1,527.54 / E	A
Estimate: 8 EA X 33% X \$1,527.54/EA = \$4,033 + tax = \$4,440			
2021 Notes: No new updates were reported.		FUTURE MAI	NTENANCE
Providus Notas: There are exhaust fars for the kitchen and restrooms, as well as	s a specialized	YEAR	COST
	of exhausts was not provided; we estimate that there are approximately eight for the he budget reflects anticipated costs to repair up to 33% of the system each maintenance	3 (2024)	\$4,899
		8 (2029)	\$5,679
		13 (2034)	\$6,777
		18 (2039)	\$8,246
cle, including vent hoods on the exterior of the building. Typically, exhaust systems are aintained, rather than removed and replaced within a 30 year timeframe.	23 (2044)	\$10,032	
nantainea, ratier than removed and replaced within a 50 year timename.		Repeat Eve	
		hopout En	
Stn.57 16.3.2 Electrical System - Contingency			Life Safet
Maintenance Cycle: 20 years	Next Maintenance:		
Quantity: 1 Each	Unit Cost:	\$6,112.62 / EA	4
<b>Estimate:</b> 1 EA X 100% X \$6,112.62/EA = \$6,113 + tax = \$6,730			
2021 Notes: No new updates were reported.		FUTURE MAI	NTENANCE
Dravieus Netze We hudget for proventative maintenance of the Stations interi	iar alaatriaal	YEAR	COST
Previous Notes: We budget for preventative maintenance of the Station's interior equipment. This budget is not intended to replace large scale electrical equipment.		8 (2029)	\$8,608
electrical system is located inside the Station and is well protected from the ele		28 (2049)	\$18,501
he equipment to outlast the 30-year timeframe of this study.		20 (20 10)	<i>\(\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>
Stn.57 16.5.3 Emergency Generator - Contingency			Life Safel
Maintenance Cycle: 20 years	Next Maintenance:	Year 18 (2039	9)
Maintenance Cycle: 20 years Quantity: 1 Each			9)
Maintenance Cycle: 20 years Quantity: 1 Each Estimate: 1 EA X 100% X \$8,147.14/EA = \$8,147 + tax = \$8,970		Year 18 (2039 \$8,147.14 / EA	9) 4
Maintenance Cycle: 20 years Quantity: 1 Each Estimate: 1 EA X 100% X \$8,147.14/EA = \$8,147 + tax = \$8,970		Year 18 (2039 \$8,147.14 / E/	9) A NTENANCE
Maintenance Cycle: 20 years Quantity: 1 Each Estimate: 1 EA X 100% X \$8,147.14/EA = \$8,147 + tax = \$8,9702021 Notes: No new updates were reported.Previous Notes: The emergency generator is tested frequently and reported to	Unit Cost: be functional. The	Year 18 (2039 \$8,147.14 / E/ FUTURE MAI	9) A NTENANCE COST
Maintenance Cycle:       20 years         Quantity:       1 Each         Estimate:       1 EA X 100% X \$8,147.14/EA = \$8,147 + tax = \$8,970         2021 Notes:       No new updates were reported.         Previous Notes:       The emergency generator is tested frequently and reported to budget provides funds to complete major repairs as needed to keep the equipment	Unit Cost: be functional. The	Year 18 (2039 \$8,147.14 / E/	9) A NTENANCE
Maintenance Cycle:       20 years         Quantity:       1 Each         Estimate:       1 EA X 100% X \$8,147.14/EA = \$8,147 + tax = \$8,970         2021 Notes:       No new updates were reported.         Previous Notes:       The emergency generator is tested frequently and reported to budget provides funds to complete major repairs as needed to keep the equipment	Unit Cost: be functional. The	Year 18 (2039 \$8,147.14 / E/ FUTURE MAI	9) A NTENANCE COST
Maintenance Cycle:       20 years         Quantity:       1 Each         Estimate:       1 EA X 100% X \$8,147.14/EA = \$8,147 + tax = \$8,970         2021 Notes:       No new updates were reported.         Previous Notes:       The emergency generator is tested frequently and reported to budget provides funds to complete major repairs as needed to keep the equipment	Unit Cost: be functional. The	Year 18 (2039 \$8,147.14 / E/ FUTURE MAI	9) A NTENANCE COST
Maintenance Cycle:       20 years         Quantity:       1 Each         Estimate:       1 EA X 100% X \$8,147.14/EA = \$8,147 + tax = \$8,970         2021 Notes:       No new updates were reported.         Previous Notes:       The emergency generator is tested frequently and reported to budget provides funds to complete major repairs as needed to keep the equipment	Unit Cost: be functional. The	Year 18 (2039 \$8,147.14 / E/ FUTURE MAI	9) A NTENANCE COST
Quantity: 1 Each	Unit Cost: be functional. The	Year 18 (2039 \$8,147.14 / E/ FUTURE MAI	9) A NTENANCE COST
Maintenance Cycle:       20 years         Quantity:       1 Each         Estimate:       1 EA X 100% X \$8,147.14/EA = \$8,147 + tax = \$8,970         2021 Notes:       No new updates were reported.         Previous Notes:       The emergency generator is tested frequently and reported to budget provides funds to complete major repairs as needed to keep the equipment	Unit Cost: be functional. The	Year 18 (2039 \$8,147.14 / E/ FUTURE MAI	
Maintenance Cycle:       20 years         Quantity:       1 Each         Estimate:       1 EA X 100% X \$8,147.14/EA = \$8,147 + tax = \$8,970         2021 Notes:       No new updates were reported.         Previous Notes:       The emergency generator is tested frequently and reported to budget provides funds to complete major repairs as needed to keep the equipment	Unit Cost: be functional. The	Year 18 (2039 \$8,147.14 / E/ FUTURE MAI YEAR 18 (2039)	9) A NTENANCE COST \$16,658
Maintenance Cycle: 20 years         Quantity: 1 Each         Estimate: 1 EA X 100% X \$8,147.14/EA = \$8,147 + tax = \$8,970         2021 Notes: No new updates were reported.         Previous Notes: The emergency generator is tested frequently and reported to budget provides funds to complete major repairs as needed to keep the equipmentimes.         Stn.57 16.6.2 Exterior Light Fixtures - Replace         Maintenance Cycle: 15 years	Unit Cost: be functional. The ment functional at all Next Maintenance:	Year 18 (2039 \$8,147.14 / E/ FUTURE MAI YEAR 18 (2039) Year 1 (2022)	9) A NTENANCE COST \$16,658
Maintenance Cycle: 20 years         Quantity: 1 Each         Estimate: 1 EA X 100% X \$8,147.14/EA = \$8,147 + tax = \$8,970         2021 Notes: No new updates were reported.         Previous Notes: The emergency generator is tested frequently and reported to budget provides funds to complete major repairs as needed to keep the equipment times.         Stn.57 16.6.2 Exterior Light Fixtures - Replace         Maintenance Cycle: 15 years         Quantity: 5 Each	Unit Cost: be functional. The ment functional at all Next Maintenance:	Year 18 (2039 \$8,147.14 / E/ FUTURE MAI YEAR 18 (2039)	9) A NTENANCE COST \$16,658
Maintenance Cycle: 20 years         Quantity: 1 Each         Estimate: 1 EA X 100% X \$8,147.14/EA = \$8,147 + tax = \$8,970         2021 Notes: No new updates were reported.         Previous Notes: The emergency generator is tested frequently and reported to budget provides funds to complete major repairs as needed to keep the equipmentimes.         Stn.57 16.6.2 Exterior Light Fixtures - Replace         Maintenance Cycle: 15 years	Unit Cost: be functional. The ment functional at all Next Maintenance:	Year 18 (2039 \$8,147.14 / E/ FUTURE MAI YEAR 18 (2039) Year 1 (2022)	9) A NTENANCE COST \$16,658
Maintenance Cycle: 20 years         Quantity: 1 Each         Estimate: 1 EA X 100% X \$8,147.14/EA = \$8,147 + tax = \$8,970         2021 Notes: No new updates were reported.         Previous Notes: The emergency generator is tested frequently and reported to budget provides funds to complete major repairs as needed to keep the equipmentimes.         Stn.57 16.6.2 Exterior Light Fixtures - Replace         Maintenance Cycle: 15 years         Quantity: 5 Each	Unit Cost: be functional. The ment functional at all Next Maintenance:	Year 18 (2039 \$8,147.14 / E/ FUTURE MAI YEAR 18 (2039) Year 1 (2022)	9) A NTENANCE COST \$16,658
Maintenance Cycle: 20 years         Quantity: 1 Each         Estimate: 1 EA X 100% X \$8,147.14/EA = \$8,147 + tax = \$8,970         2021 Notes: No new updates were reported.         Previous Notes: The emergency generator is tested frequently and reported to budget provides funds to complete major repairs as needed to keep the equipment.         Stn.57 16.6.2 Exterior Light Fixtures - Replace         Maintenance Cycle: 15 years         Quantity: 5 Each         Estimate: 5 EA X 100% X \$508.63/EA = \$2,543 + tax = \$2,800         2021 Notes: Replacement of the light fixtures is planned for 2022.	Unit Cost: be functional. The ment functional at all Next Maintenance: Unit Cost:	Year 18 (2039 \$8,147.14 / E/ FUTURE MAI YEAR 18 (2039) Year 1 (2022) \$508.63 / EA FUTURE MAI YEAR	A NTENANCE COST \$16,658 Life Safet NTENANCE COST
Maintenance Cycle: 20 years         Quantity: 1 Each         Estimate: 1 EA X 100% X \$8,147.14/EA = \$8,147 + tax = \$8,970         2021 Notes: No new updates were reported.         Previous Notes: The emergency generator is tested frequently and reported to budget provides funds to complete major repairs as needed to keep the equipment.         Stn.57 16.6.2 Exterior Light Fixtures - Replace         Maintenance Cycle: 15 years         Quantity: 5 Each         Estimate: 5 EA X 100% X \$508.63/EA = \$2,543 + tax = \$2,800         2021 Notes: Replacement of the light fixtures is planned for 2022.         Previous Notes: The exterior light fixtures were reported to be functional. The ticontrolling the building security lights was not working properly and may need	Unit Cost: be functional. The ment functional at all Next Maintenance: Unit Cost:	Year 18 (2039 \$8,147.14 / E/ FUTURE MAI YEAR 18 (2039) Year 1 (2022) \$508.63 / E/ FUTURE MAI YEAR 1 (2022)	A NTENANCE COST \$16,658 Life Safet N NTENANCE COST \$2,912
Maintenance Cycle: 20 years         Quantity: 1 Each         Estimate: 1 EA X 100% X \$8,147.14/EA = \$8,147 + tax = \$8,970         2021 Notes: No new updates were reported.         Previous Notes: The emergency generator is tested frequently and reported to budget provides funds to complete major repairs as needed to keep the equipmentimes.         Stn.57 16.6.2 Exterior Light Fixtures - Replace         Maintenance Cycle: 15 years         Quantity: 5 Each         Estimate: 5 EA X 100% X \$508.63/EA = \$2,543 + tax = \$2,800         2021 Notes: Replacement of the light fixtures is planned for 2022.         Previous Notes: The exterior light fixtures were reported to be functional. The ti controlling the building security lights was not working properly and may need system. The budget provides funds to replace four exterior bollard light fixtures	Unit Cost: be functional. The ment functional at all Next Maintenance: Unit Cost:	Year 18 (2039 \$8,147.14 / E/ FUTURE MAI YEAR 18 (2039) Year 1 (2022) \$508.63 / EA FUTURE MAI YEAR	A NTENANCE COST \$16,658 Life Safet NTENANCE COST
Maintenance Cycle: 20 years         Quantity: 1 Each         Estimate: 1 EA X 100% X \$8,147.14/EA = \$8,147 + tax = \$8,970         2021 Notes: No new updates were reported.         Previous Notes: The emergency generator is tested frequently and reported to budget provides funds to complete major repairs as needed to keep the equipment.         Stn.57 16.6.2 Exterior Light Fixtures - Replace         Maintenance Cycle: 15 years         Quantity: 5 Each         Estimate: 5 EA X 100% X \$508.63/EA = \$2,543 + tax = \$2,800         2021 Notes: Replacement of the light fixtures is planned for 2022.         Previous Notes: The exterior light fixtures were reported to be functional. The ticontrolling the building security lights was not working properly and may need	Unit Cost: be functional. The ment functional at all Next Maintenance: Unit Cost:	Year 18 (2039 \$8,147.14 / E/ FUTURE MAI YEAR 18 (2039) Year 1 (2022) \$508.63 / E/ FUTURE MAI YEAR 1 (2022)	A NTENANCI COST \$16,658 Life Safet N NTENANCI COST \$2,912

RESERVE CONSULTANTS LLC

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COMPONENT SUMMARY

Maintenance Cycle: 20 years

FUTURE MAINTENANCE WITH INFLATED ESTIMATES

Next Maintenance: Year 8 (2029) Unit Cost: \$3,560.40 / EA

2021 Notes: No new updates were reported.

Quantity: 1 Each

Previous Notes: The installation date of the current fire alarm control panel is not known, so we have assumed that it is half way through its typical life cycle. No issues were reported. The budget allows for future replacement of the fire control panel.

Estimate: 1 EA X 100% X \$3,560.40/EA = \$3,560 + tax = \$3,920

COST

\$5,014

\$10,776

\$31,941

FUTURE MAINTENANCE

YEAR

8 (2029)

28 (2049)

21 (2042)

16-Nov-21

Stn.57 18.1.2 Security / Surveillance System - Upgrade		Security		
Maintenance Cycle: 10 years Next Maintenance	: Year 1 (2022	)		
Quantity: 1 Lump Sum Unit Cost:	: \$15,290.00 /	' LS		
Estimate: \$15,290				
2021 Notes: This component did not require an upgrade in 2020 and is now planned for 2022.				
Previous Notes: The Station's security system is reportedly outdated and the Department was	YEAR	COST		
obtaining bids at the time of our site visit to upgrade the system within the next year. The budget	1 (2022)	\$15,902		
provides funds to upgrade the existing security system and surveillance system in 2020 in	11 (2032)	\$21,578		
conjunction with Station 51.	21 (2042)	\$31941		

RESERVE CONSULTANTS LLC



KING COUNTY FIRE PROTECTION DISTRICT NO.16 7220 NE 181<sup>st</sup> Street KENMORE, WA 98028

BUSINESS: 425-354-1780 FAX: 425-354-1781

# **RESOLUTION NO. 20-10**

# SUPERSEDING RESOLUTION 17-02 RESOLUTION DEFINING FUND POLICIES

**WHEREAS**, on June 6, 2017, the Board of Fire Commissioners ("Board") of King County Fire Protection District No. 16 (the "District") approved Resolution 17-02 Defining Fund Policies; and

**WHEREAS**, the Board desires to redefine the District's fund policies by approving this Resolution 20-10 which shall supersede Resolution 17-02; and

WHEREAS, the financial affairs of the District are managed by the Board; and

**WHEREAS**, pursuant to RCW 52.14.100 the Board has the power to adopt reasonable rules to govern the District and to generally perform all such acts as may be necessary to carry out the objects of the creation of the District; and

**WHEREAS**, an integral part of financial planning is establishing General Expense and Reserve Funds to cover the costs of general operating expenses, facility maintenance and improvements, apparatus and equipment financing, employee benefits, and insurance obligations; and

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Fire Commissioners of King County Fire Protection District No. 16 that a General Expense and Reserve Fund Plan is established as follows:

# I. GENERAL EXPENSE FUND

The General Expense Fund balance at year end shall be a minimum of four months of expenses excluding reserve fund contributions. This shall be calculated by determining the average monthly expense for as many full months available of the current year and multiplying that number by four. For example: In November, there are ten full months of the year and expenses total \$8,150,000. The average monthly expense is \$815,000. The minimum amount required in the General Expense Fund at the end of the year is \$3,260,000 (\$815,000 x 4 months). This balance in the General Expense Fund is meant to pay expenses incurred by the District during the first four to five months of the following year before the first revenue is received in late April/early May.

# II. RESERVE FUND

A. Reserve Fund Categories, Purpose, and Funding Levels

The Reserve Fund shall be organized into six main sub-categories to facilitate clear intent and accurate accounting. The level of funding of each category shall be no less than a minimum of the values stated below. Utilization of reserve funding shall be consistent with the associated purpose statements provided for each category.

- 1. <u>Natural Disaster</u>
  - Purpose: To provide funding for overtime costs, casual labor, temporary facilities, food and equipment for extended emergency operations lasting a minimum of 14 days.

Fund Level: \$250,000

# 2. <u>Insurance Contingency</u>

Purpose: To provide funding for losses normally covered by insurance but exceeding coverage, such as: deductibles, non-insured loss, loss greater than insurance coverage, fines or uninsured litigation costs, labor relations litigation costs, unplanned attorney or consultant fees, court costs, penalties, judgments, and unemployment claims.

Fund Level: \$200,000

# 3. Loss of Revenue

- Purpose: To provide funding to allow for the continuation of services in the event of an unanticipated and immediate loss of revenue.
- Fund Level: Three months of expenses based on the most recent available calculation of average monthly expenses.

# 4. <u>Employee Benefit</u>

## Purpose:

A. To provide funding for LEOFF 1 medical insurance premiums, long-term healthcare premiums, and other approved medical and dental expenses.

B. To provide funding for post-employment benefits such as sick leave and vacation payouts. Replenishment of this fund may be spread out over several years or pre-funded if a significant number of retirements were known in advance.

# Fund Level:

- A. Funded at 100 percent of the GASB recommendation for LEOFF 1 retirees.
- B. Funded at 50 percent of the maximum potential sick leave and vacation payouts as determined annually on the District's financial statement.

# 5. <u>Apparatus and Equipment Replacement</u>

- Purpose: To provide funding for the replacement of apparatus, vehicles, and equipment that are designated for replacement at specific intervals and have a calculated replacement cost that would be difficult to fund through the annual budgeting process.
- Fund Level: Funded at 100 percent of the recommended amount shown in the capital asset replacement plan for vehicles, apparatus, and equipment.

# 6. <u>Facilities Improvement</u>

- Purpose: To provide funding for the maintenance and improvement of District facilities. This fund would be used for capital improvement items such as roof repairs, HVAC replacement, etc. and not a substitution for annual budgeting of normal facility maintenance.
- Fund Level: Funded at 100 percent of the recommended annual contributions shown in the facility reserve study conducted in 2019 by Reserve Consultants LLC.
- B. Transactions expensed from the General Expense and Reserve Funds shall comply with the accounting principles established by King County Finance and Business Operations, the Washington State Auditor, and the RCW.
- C. The Fire Chief shall provide quarterly reports reflecting Reserve Fund activity in the BARS format as required by the Washington State Auditor and the RCW.

D. The Fire Chief shall submit Reserve Fund allocation recommendations to the Board of Fire Commissioners each year as required to maintain funding levels as established by this Resolution.

BE IT FURTHER RESOLVED, that Resolution 17-02 is hereby repealed.

**ADOPTED** at a regular meeting of the Board of Fire Commissioners of King County Fire Protection District No. 16 on this 3<sup>rd</sup> day of November 2020.

# **BOARD OF FIRE COMMISSIONERS**

DAVID MAEHREN, Chair

RICK VERLINDA, Member

JOSH PRATT, Member

DON ELLIS, Member

RICK WEBSTER, Vice-Chair

ATTEST:

DAWN KILLION, Interim Secretary Board of Fire Commissioners

From:	Dave Maehren
To:	Dawn Killion
Subject:	RE: Electronic Signatures - Documents Approved 11/3/2020
Date:	Wednesday, November 4, 2020 1:08:43 PM
Attachments:	image005.png
	image006.png
	image007.png
	image008.png
	image009.png

The following documents are Approved and Electronically Signed this 4th day of November, 2020, by Commissioner David C. Maehren.

- AP\_NOSHRFIR\_APSUPINV\_20201103161040 RES Fund
- AP\_NOSHRFIR\_APSUPINV\_20201103161359 GEN Fund
- Resolution 20-10 Defining Fund Policies
- Resolution 20-08 Benefit Charge Resolution
- Resolution 20-09 Annual Property Tax Levy
- Resolution 20-07 Limit Factor Increase
- Minutes 2020-10-20
- GEN to RES Fun Facilities Reserve Fund Transfer Approval Document
- HRA Funds Transfer Approval Document
- October Payroll Approval Document
- October Payroll DRS Approval Document
- October Payroll Taxes Approval Document
- September Commissioner Payroll Approval Document
- September Commissioner Payroll Taxes Approval Document

#### David Maehren

Fire Commissioer – Board Chair Northshore Fire Department Business Office 425.354.1780 Cell 206 604-3683



#### Proudly Serving the Citizens of Kenmore and Lake Forest Park

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From: Dawn Killion
Sent: Wednesday, November 4, 2020 9:06 AM
To: Commissioners <e-mailcommissioners@northshorefire.com>
Subject: Electronic Signatures - Documents Approved 11/3/2020

# Good morning Commissioners,

Attached please find the documents approved at last night's regular meeting. Also included are payroll approval documents (regular October monthly, September Commissioner Compensation Claims approved @ 10/6 meeting) and a couple of transfers done (Term Payout to HRA and Facility Reserve Monies Transfer).

At your earliest availability today, please respond with your electronic signature using the following verbiage:

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Thank you,

# Dawn Killion

Finance Specialist / Interim Board Secretary Public Records Officer Northshore Fire Department 7220 NE 181st ST, Kenmore, WA 98028 DIRECT: 425.354.1778 FAX: 425.354.1781 MAIN: 425.354.1780 www.northshorefire.com



dkillion@northshorefire.com

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From:	Rick Verlinda
То:	Dawn Killion
Subject:	RE: Electronic Signatures - Documents Approved 11/3/2020
Date:	Wednesday, November 4, 2020 11:10:18 AM
Attachments:	image001.png
	image002.png
	image003.png
	image004.png

The following documents are Approved and Electronically Signed this 4th day of November, 2020, by Commissioner Verlinda.

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From:	Josh Pratt
To:	Dawn Killion
Subject:	RE: Electronic Signatures - Documents Approved 11/3/2020
Date:	Wednesday, November 4, 2020 6:27:05 PM
Attachments:	image001.png image002.png image003.png image004.png

The following documents are Approved and Electronically Signed this 4th day of November, 2020, by Commissioner Josh Pratt.

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#### Finance Specialist / Interim Board Secretary Public Records Officer

**Northshore Fire Department** 

7220 NE 181st ST, Kenmore, WA 98028 DIRECT: 425.354.1778 FAX: 425.354.1781 MAIN: 425.354.1780 www.northshorefire.com dkillion@northshorefire.com



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From:	Richard Webster
To:	Dawn Killion
Subject:	RE: Electronic Signatures - Documents Approved 11/3/2020
Date:	Thursday, November 5, 2020 12:43:04 PM
Attachments:	image001.png
	image002.png
	image003.png
	image004.png

The following documents are Approved and Electronically Signed this 5th day of November, 2020, by Commissioner Rick Webster.

- AP\_NOSHRFIR\_APSUPINV\_20201103161040 RES Fund
- AP\_NOSHRFIR\_APSUPINV\_20201103161359 GEN Fund
- Resolution 20-10 Defining Fund Policies
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Sent: Wednesday, November 4, 2020 9:06 AM
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	NSDF 2022 Budget	Eastside Proposal	Difference	Notes
Labor & Benefits (w/o admin labor) (a)	8,586,987	6,933,218	1,653,769	Exhibit 2 - Personnel Costs - Includes \$255,432.27 in est overtime
Operating Costs (b)	1,211,977	1,046,946	165,031	Exhibit 1 - Operational Costs
Administration (c)	1,034,121	783,016	251,105	10% of labor and operating costs Less \$15,000 facility credit
Commissioners & non-departmental expenses	190,945		190,945	
Capital Facilities Maintenance Charge		50,000	(50,000)	Payment for Services 4.1(C)
Equipment Replacement Charge		135,189	(135,189)	Payment for Services 4.1 (d)
Less insurance billing for transport		(750,000)		Per Eastside response to proposal #6
Total annual expense	11,024,031	8,198,369	2,075,662	
Start up Costs (one time expense)		412,936		100% vacation, 25% sick plus retirement eligible employee replacement cost

### **Comments re Eastside Proposal**

(a) Labor and benefits will be adjusted to actual. The difference will be assessed by February of the following year

(b)Operating costs is subject to annual 3% inflationary adjustment

(c)Administration costs are based on 10% of the annual budget of labor & benefits and operating costs less \$15,000 facility credit

(d)Equipment replacement charge is subject to annual adjustments - 2023 expense is \$139,244 a 3% increase

	NSFD 2022 Budget	Shoreline Proposal	Difference	Notes
				Appendix B Labor (\$7,066,831) less admin less 10% of inspector less
Labor & Benefits	8,586,987	6,647,634	1,939,353	\$174,721 per Shoreline responses 3a, add \$596,009 in overtime less transport revenue \$245,178 (see SFD proposal page 26)
Operating Costs	1,211,977	852,981	358,996	Appendix C costs (\$1,137,309) less administration expenses (\$276,047 * 1.03) - Includes NEMCO \$38,173
Administration	1,034,121	1,247,110	(212,989)	Appendix B - NFD portion of Shoreline Admin (606,102) plus NFD admin (\$356,680) plus admin costs (\$276,047*1.03) (appendix C)
Commissioners & non-departmental expenses	190,945		190,945	Continuing expenses to be paid by NSFD
Capital Apparatus	-		-	Exhibit B in contract agreement - Reserve for apparatus, aid cars, support vehicles \$220,000 deleted per SFD response Reserves 2d
Capital Equipment		56,231		Items such as hose, SCBA, radios , etc - see capital equipment per SFD response questions
Total annual expense	11,024,031	8,803,957	2,276,305	
Employee Benefit Transfer		631,545		Transfer from reserves - Page 29 of SFD proposal

# **Comments re Shoreline Proposal**

(1) - Payments will be made in quarterly installments - expenses will be reviewed quarterly, reforecasted and payment adjusted quarterly

(2) - SFD has implemented a Post-Employment Medical Benefits (PEMB). SFD estimates the additional cost of this program is offset by lower labor cost due to retirement

(3) - SFD contract says NFD shall pay SFD \$8,925,377 in quarterly installments. Should be changed to \$8,925,377 annual cost payable in 4 quarterly installments of \$2,231,344
 (4) SFD proposal mentions additional funding from GEMT. There is no credit included in the proposal for GEMT funding.

Contract Options (bracketed = benefit, no brackets = additional expense)	Eastside Proposal	Shoreline Proposal
Reduce number of Battalion Chiefs	(460,089.81)	(432,500.00)
Reduce Aid 151 to 12 hour Response	(673,734.76)	
Add Dedicated Technical Rescue to Engine 151	116,486.00	18,503.00
Add dedicated Hazardous Material Cap to 157	116,486.00	
Cost of administrating LEOFF1 Expenditures		3,979.00
No transfer of Admin Personnel		(578,005.00)
Not staffing peak-hour Aid 157 overtime reduction	on	(284,700.00)
Not billing for Transport		292,742.00
Delete Division/District Chief for 2022		(223,197.00)

# Northshore Fire Department

# WARRANT/CHECK REGISTER

11/22/2021 To: 11/22/2021

Time: 12:41:52 Date: 11/15/2021 Page: 1

Trans	Date	Туре	Acct #	War #	Claimant	Amount Memo
1837	11/22/2021	Claims	1	0	ARAMARK UNIFORM SERVICES	16.52 Lobby Mats
1839	11/22/2021	Claims	1	0	CDW GOVERNMENT	4,572.67 New CISCO Firewall
840	11/22/2021	Claims	1	0	CDW GOVERNMENT	131.30 Docking Station Parts
841	11/22/2021	Claims	1	0	CENTURY LINK	64.10 Phones - St 57
842	11/22/2021	Claims	1	0	CFO SELECTIONS LLC	660.00 Q3 Reconciliation
843	11/22/2021	Claims	1	0	CITY OF BOTHELL FIRE AND EMS	6,930.33 Fire Marshal Services - October
844	11/22/2021	Claims	1	0	CITY OF BOTHELL FIRE AND EMS	756.07 Reimbursment - Burn Prop Training
845	11/22/2021	Claims	1	0	EASTSIDE FIRE & RESCUE	756.07 Reimbursement for WFR - Burn Prop Training
846	11/22/2021	Claims	1	0	EASTSIDE PUBLIC SAFETY COMM. AGENCY	1,061.55 Nov 2021 - Radio Access Fees
1847	11/22/2021	Claims	1	0		489.44 Nov 2021 - Maintenance Agreement
1848	11/22/2021	Claims	1	0	ECMS ENSEMBLE CARE MAINTENANCE SERVICE	615.30 PPE Repair - Bracket & Pritchett
1849	11/22/2021	Claims	1	0	ELEVATOR PROGRAM	140.90 Elevator Annual Operating Certificate
1850	11/22/2021	Claims	1	0	FIRE DEPT SAFETY OFFICERS ASSOC	525.00 Health & Safety Office Certification - Heilman
1851	11/22/2021	Claims	1	0	JAYMARC - AV	330.30 Audio Fix in Bay
1838	11/22/2021	Claims	1	0	JOHN A BURROW	464.37 Per Diem & Travel - Training Workshop Idaho
852	11/22/2021	Claims	1	0	KING COUNTY FINANCE DIVISION	1,867.00 I-Net October
853	11/22/2021	Claims	1	0	LIFE ASSIST	275.25 COVID Supplies - St 51
854	11/22/2021	Claims	1	0	LIFE ASSIST	275.25 COVID Supplies - St 57
855	11/22/2021	Claims	1	0	LIFE ASSIST	261.89 EMS Supplies
856	11/22/2021	Claims	1	0	LIFE ASSIST	275.25 COVID Supplies - St 57
857	11/22/2021	Claims	1	0	LINDE GAS & EQUIPMENT INC.	35.51 Oxygen
858	11/22/2021	Claims	1	0	NATURAL CONCEPT LANDSCAPE	515.63 Landscaping - St 51
859	11/22/2021	Claims	1	0	NATURAL CONCEPT LANDSCAPE	137.63 Irrigation Winterization - St 51
860	11/22/2021	Claims	1	0	NORCOM	7,413.08 IT Services - October
861	11/22/2021	Claims	1	0	NORTH LAKE MARINA	50.57 Fuel
	11/22/2021	Claims	1			3,724.68 Fuel & Maintenance - October
863	11/22/2021	Claims	1	٥	O'REILLY AUTO PARTS	146.29 Mixed Gas/Fuel & Fluids
864	11/22/2021	Claims	1	0	REPUBLIC SERVICES #172	414.96 Garbage/Recycle - St 51
865	11/22/2021	Claims	1	_	REPUBLIC SERVICES #172 REPUBLIC SERVICES #172	155.71 Garbage - St 57
866	11/22/2021	Claims	1	0 0		756.07 Reimbursement - Burn Prop Training
867	11/22/2021	Claims	1	0	SOFTWARE ONE	24,430.28 Office Licensing Renewals
868	11/22/2021	Claims	1		UNIVERSITY OF WASHINGTON -	3,500.00 Leadership Academy - Burrow
869	11/22/2021	Claims	1	0	CLST US BANK	5,249.16 Charges for cards ending 4689,
870	11/22/2021	Claims	1	Λ	VERIZON BUSINESS	5507 & 6729 720.59 VOIP - St 51
871	11/22/2021	Claims	1	0		744.41 VOIP - St 51
1872	11/22/2021	Claims	1			39.81 Janitorial Supplies
1873	11/22/2021	Claims	1	0	WESTLAKE HARDWARE	8.80 Fasteners
		001 Gene	eral Fund 10	)-016-0010	)	68,511.74 Claims: 68,511.74
						68,511.74 68,511.74

WARRANT/CHECK REGISTER									
Northshore Fire	Departm	ent				Time:	12:41:52	Date:	11/15/2021
			1	1/22/2021	To: 11/22/2021			Page:	2
Trans Date	Туре	Acct #	War #	Claimant		Am	nount Memc	)	

WARRANT/CHECK REGISTER										
Northshore Fire Department				1	1/22/2021 To: 11/22/2021	Time:	12:41:00	Date: Page:	11/15/2021 1	
Trans	Date	Туре	Acct #	War #	Claimant	An	nount Memc	)		
1835	11/22/2021	Claims	4	0	GARY PEDERSEN	6	53.60 LEOFF			
1836	11/22/2021	Claims	4	0	RP ADVANCED MOBILE SYSTEMS	S 42,241.00 Half down for 2 new watercraft				
		004 Rese	rve Fund 10-	-016-6010		42,8	394.60		42 804 60	
						42,8	—— Claims 394.60		42,894.60	
#### Northshore Fire Department Fire Commissioner Request for Compensation

Month:	Oct	Year:	2021	Name:	Milton Curtis	
D	Date Description of Activity			Hours		
10/4/21		Prep for Regular Board Meeting				1.75
10/5/21		NS FD Regular Board Meeting				2.0
10/8/21		NS FD Special Board Meeting				0.5
10/11/21		Analyze Shoreline Proposal and prepare document for Board discussion				2.5
10/14/21		Budget Meeting with FC McDonald			1.75	
10/18/21			Pre	ep for Regu	lar Board Meeting	1.5
10/19/21		NS FD Regular Board Meeting			3.5	
					$\bigcap$	
					-(1)	

I certify by signing this request for compensation that I have acted on behalf of the Northshore Fire Department in the fulfillment of my duties as an elected Fire Commissioner and that this request for compensation is in compliance with the Northshore Fire Department policy and State Law.

(omini )imed he,

Nov 1, 2021 Date

Signature

#### Northshore Fire Department Fire Commissioner Request for Compensation

Month:	Octob	Year:	2021	Name:	Adman	
E	Date		Ĺ	Descriptio	n of Activity	Hours
5		FC meeting				3
6		FC contract review				1
7		FC contract review			1	
8		Special FC meeting				2
12		Budget meeting with chief			2	
13		Review meeting minutes and reply to email correspondence, budget review				1
18				Mee	ing prep	1
19		FC meeting				3.5
	20		Rev	view proposa	clarification memos	1
22		Review proposal clarification memos				1
	24		Rev	view proposa	clarification memos	3
	25	Review proposal clarification memos				
					3	

I certify by signing this request for compensation that I have acted on behalf of the Northshore Fire Department in the fulfillment of my duties as an elected Fire Commissioner and that this request for compensation is in compliance with the Northshore Fire Department policy and State Law.

Eric Adman

Digitally signed by Eric Adman Date: 2021.11.02 15:15:07 -07'00'

Signature

Date



## KING COUNTY FIRE PROTECTION DISTRICT NO.16 7220 NE 181st Street

KENMORE, WA 98028

BUSINESS: 425-354-1780 FAX: 425-354-1781

**MINUTES** 

November 2, 2021

## **REGULAR MEETING BOARD OF COMMISSIONERS**

## at Northshore Fire Department's Headquarters Station 51

## Virtual Meeting via Zoom

## I. OPEN REGULAR NORTHSHORE MEETING

1.1 Roll Call

Chair Rick Webster called the meeting to order at 5:00 PM.

Persons in attendance were Commissioners Eric Adman, Milton Curtis, Rick Webster, and Dave Maehren. Also present was Chief McDonald, Legal Counsel Matt Paxton, Board Secretary Amy Oakley, and 15 members of the public. Commissioner Pratt was absent.

#### II. PUBLIC COMMENT

2.1 No public comments.

## III. APPROVAL OF THE AGENDA

- **3.1** Commissioner Maehren moved to add Item 4.8 Discussion of Fire Chief Performance Review.
- **3.2** Commissioner Maehren moved to adopt the agenda as amended. Commissioner Curtis seconded. The motion passed unanimously.

## IV. BOARD DISCUSSION AND POSSIBLE ACTION ITEMS

- 4.1 Conversation with IAFF, Local 2459
  - President, Jeremiah Ingersoll, had no comments for the Board.
- 4.2 Continuation of Public Hearing on 2022 Proposed Budget

Commissioner Webster moved to open the public hearing to review and establish the District's benefit charge to be imposed in 2022; and, the public hearing to review and establish the District's 2022 budget.

- 4.2.1 2022 Budget Update Report
- Chief McDonald presented an overview of the updated proposed 2022 budget.
- The Board discussed the levy limit worksheet, time schedule, HVAC system at Station 57, and facility reserve fund.
- 4.2.2 Public Comment

Commissioner Webster moved to open the public testimony portion of the public hearing to review and establish the District's benefit charge to be imposed in 2022; and, the public hearing to review and establish the District's 2022 budget.

- The Board of Commissioners heard public comment from Lake Forest Park resident, Mike Dee.
- 4.2.3 Close Public Comment

Commissioner Webster moved to close the public testimony portion of the public hearing to review and establish the District's benefit charge to be imposed in 2022; and, the public hearing to review and establish the District's 2022 budget. Commissioner Maehren seconded. The motion passed unanimously.

- 4.2.4 Board Discussion
- Commissioner Maehren suggested revisiting Resolution 20-10 at a future special meeting.
- 4.2.5 Board Direction to Staff for 2022 Budget

Commissioner Maehren moved to accept the expense, revenue, and reserve budgets as presented. Commissioner Curtis seconded. The motion passed unanimously.

- 4.3 RCL Reserve Funding Study- Revisit Resolution 20-10
  - The study was not available.
- 4.4 Updated Policy 1400- Board Meetings
  - Commissioner Maehren presented changes to the updated version of Policy 1400.

Commissioner Maehren moved to adopt Policy 1400 as presented. Commissioner Webster seconded. The Board discussed. The motion passed unanimously.

- The Board welcomed Advisory members candidates Lisa Wollum and Nate Herzog.
- 4.5 Review Policy 2733- Optional Time Off
  - o Chief McDonald presented changes proposed to Policy 2733.

# Commissioner Curtis moved to adopt Policy 2733 as presented. Commissioner Adman seconded. The motion passed unanimously.

- 4.6 Contract for Services Update
  - o The Board reviewed the memos sent to Chief Clark and Chief Cowan.
  - The Board reviewed and discussed clarifying questions with Chief Cowan.
- 4.7 Discussion of Potential Future Special Meetings
  - The Board discussed having a special meeting on November 9<sup>th</sup> to discuss Reserve Fund Resolution 20-10, Reserve Funding Study, extension the NORCOM agreement, extension of Bothell Fire Marshall services, Chief's review process, Contract for Services update

Commissioner Maehren moved to have a special meeting Tuesday November 9<sup>th</sup> at 5pm. Commissioner Webster seconded. The Board Discussed. Commissioner amended the motion to start meeting at 4pm. The motion passed unanimously.

4.8 Discussion of Fire Chief Performance Review

• The Board discussed the process for Fire Chief's performance review.

## V. BOARD RESOLUTIONS

5.1 Resolution 21-04, 2022 Fund Allocation for NORCOM

Commissioner Maehren moved to accept the Resolution 21-04 as presented. Commissioner Curtis seconded. The motion passed unanimously.

5.2 Resolution 21-05, 2022 Fire Benefit Charge

Commissioner Maehren moved to accept the Resolution 21-05 as presented. Commissioner Adman seconded. The motion passed unanimously.

5.3 Resolution 21-06, 2022 Property Tax Levy

Commissioner Maehren moved to accept the Resolution 21-06 as presented. Commissioner Adman seconded. The motion passed unanimously.

#### VI. CONSENT AGENDA

- 6.1 Vouchers
  - The General Fund Vouchers totaled \$134,061.64
  - The Reserve Fund Vouchers totaled \$2,399.45
- 6.2 Commissioner Compensation
- 6.3 Meeting Minutes: 10/19/2021

#### Commissioner Curtis moved to accept the consent agenda as presented. Commissioner Webster seconded. The Board discussed. The motion passed unanimously.

#### VII. REPORTS

- 7.1 Fire Chief Report
  - Chief McDonald updated the Board regarding and upcoming insurance onsite review to interview Chief McDonald.
  - Chief McDonald updated the Board on the pilot procedure for masking and testing at Station 51 to accommodate non-vaccinated members at the North King County Training Consortium.
- 7.2 <u>Commissioner Reports</u>
  - Commissioner Webster will invite the commissioner candidates and City Councils to participate in non-voting Advisory Board.
  - The Board Secretary will include Advisory members in emails for the board meetings.
- 7.3 <u>Legal Counsel Reports</u>
  - Legal Counsel Paxton updated the Board on the Washington State Fire Commissioners Annual Conference.

#### VIII. UPCOMING BOARD AGENDAS

- 8.1 <u>Setting of Future Meeting Agenda(s)</u>
  - Special meeting Nov. 9<sup>th</sup> to discuss Reserve Fund Resolution 20-10, Reserve Funding Study, extension the NORCOM agreement, extension of Bothell Fire Marshall services, Chief's review process, Contract for Services update.

 November 16<sup>th</sup>- IT update, update reimbursement mileage policy, meeting times, Commissioner Curtis parting thoughts. FD16 Operations discussion, Fire Chief Performance Review process.

#### **ADJOURNMENT**

The meeting adjourned at 6:55PM

#### NEXT MEETING DATE

The next Board of Commissioners meeting is scheduled for November 19, 2021.

Attachments: Agenda, 2022 Budget, 2022 King County Assessor Levy Form, Resolution 20-10, Policy 1400, Policy 2733, Contract Clarification letters to ESF&R and Shoreline, Resolution 21-04, Resolution 21-05, Resolution 21-06, Vouchers, Commissioner Compensation, Meeting Minutes 10/19, Chief's Report, Pilot Program for non-vaccinated.

#### BOARD OF COMMISSIONERS

ERIC ADMAN, Member

JOSH PRATT, Member

MILTON CURTIS M.D., Member

**RICK WEBSTER**, Member

DAVID MAEHREN, Member

ATTEST

Amy Oakley, Secretary

King County Fire Protection District No. 16

Adopted at a Regular Meeting of the Board of Commissioners on November 16th, 2021

Northshore Fire Department



## KING COUNTY FIRE PROTECTION DISTRICT NO.16

7220 NE 181<sup>st</sup> Street KENMORE, WA 98028

BUSINESS: 425-354-1780 FAX: 425-354-1781

**MINUTES** 

November 9, 2021

## SPECIAL MEETING BOARD OF COMMISSIONERS

## at Northshore Fire Department's Headquarters Station 51

## Virtual Meeting via Zoom

## I. OPEN SPECIAL NORTHSHORE MEETING

1.1 Roll Call

Chair Rick Webster called the meeting to order at 4:00 PM.

Persons in attendance were Commissioners Eric Adman, Josh Pratt, Milton Curtis, Rick Webster, and Dave Maehren. Also present was Chief McDonald, Legal Counsel Matt Paxton, Advisory Board member Nate Herzog, and Board Secretary Amy Oakley, and 11 members of the public.

## II. PUBLIC COMMENT

2.1 No public comments.

## III. APPROVAL OF THE AGENDA

**3.1** Commissioner Adman moved to adopt the agenda as presented. Commissioner Pratt seconded. The motion passed unanimously.

## IV. BOARD DISCUSSION AND POSSIBLE ACTION ITEMS

- 4.1 Conversation with IAFF, Local 2459
  - Vice President, Brian Ford, had no comments for the Board.
- 4.2 RCL Capital Reserve Funding Study
  - The updated study was not available. The study is expected to be completed in the next couple of weeks.
  - The Board will continue to discuss this item at the next meeting.
- 4.3 Revisit Reserve Funding Resolution 20-10
  - The Board will carry this item forward to the next meeting.
  - Chief McDonald provided an update on the amount of reserve dedicated to facilities in the 2022 budget.
  - The Board will continue to discuss this item at the next meeting.
- 4.4 Fire Marshall and IT ILA Agreements
  - Chief McDonald updated the Board on the progress of an addendum to extend the NORCOM IT contract through the first quarter of 2022.

- Chief McDonald provided an update that the City of Bothell will not extend their ILA to provide Fire Marshall services after December 31, 2021.
- The Board discussed options for covering Fire Marshall duties in the first quarter of 2022.
- The Board will continue to discuss this item at the next meeting.
- 4.5 Contract for Services Update
  - Chair Webster updated the Board that consultant Tom Broetje will review the materials and provide a briefing at the next meeting.
  - The Board will continue to discuss this item at the next meeting.

#### **EXECUTIVE SESSION**

The Board moved into Executive Session at 4:27PM until 4:42PM to discuss with legal counsel representing the agency matters relating to litigation or potential litigation pursuant to RCW 42.30.110(1)(i), and to discuss the performance of an employee pursuant to RCW 42.30.110(1)(g). The Board extended the session by five minutes. The Board moved back into open session at 4:50PM.

- 4.6 Fire Chief Performance Review Discussion
  - The Board will prepare a draft performance review for Chief McDonald and will discuss further at a future meeting.

## V. UPCOMING BOARD AGENDAS

5.1 In addition to the standard items, the November 16<sup>th</sup> meeting agenda will include RCL Reserve Funding Study, Reserve Funding Resolution 20-10, Fire Marshall ILA Agreements, NSFD operations discussion, Fire Chief Performance Review process, report out from Tom Broetje on the Contract for Services Proposals, and Water Rescue Program overview.

#### ADJOURNMENT

The meeting adjourned at 4:55PM

#### NEXT MEETING DATE

The next Board of Commissioners meeting is scheduled for November 16, 2021.

Attachments: Agenda, NSFD 2019 Capital Reserve Study, Resolution 20-10, Fire Marshall ILA, Contract Clarification and Responses from Eastside Fire & Rescue and Shoreline Fire Department.

## **BOARD OF COMMISSIONERS**

ERIC ADMAN, Member

#### JOSH PRATT, Member

## MILTON CURTIS M.D., Member

RICK WEBSTER, Member

DAVID MAEHREN, Member

ATTEST

Amy Oakley, Secretary

King County Fire Protection District No. 16

Adopted at a Regular Meeting of the Board of Commissioners on November 16th, 2021



## KING COUNTY FIRE PROTECTION DISTRICT NO.16 7220 NE 181st Street KENMORE, WA 98028

BUSINESS: 425-354-1780 FAX: 425-354-1781

#### MEMORANDUM

- DATE: November 12, 2021
- TO: Board of Fire Commissioners
- FROM: Doug McDonald, Interim Fire Chief
- RE: Chief's Report

Please see the Chief's report submitted for November 16, 2021.

- 1. Captain John Burrow will continue as the NSFD Training Captain in 2022. This will be year 3 of his appointment. He is doing an outstanding job and we are excited to see what 2022 will bring with his continued leadership in that position.
- 2. Our recruit is progressing, they completed week 11 of the academy on October 29<sup>th</sup>. Currently there are 22 recruits progressing through the academy. They had a state Hazmat Operations exam this last week we are awaiting the results.
- 3. Along with Kirkland Fire, NSFD has ordered our (2) new watercraft for our water rescue program. Anticipated arrival date will be March 2022. The vendor required 50% down. This was accomplished through funds from the apparatus reserve that will be replenished upon receipt of 2022 budget dollars.
- 4. All NSFD apparatus is operational. In collaboration with Zone 1 Tech Rescue and UASI Rescue 151 is being equipped with state of art structural collapse equipment identical to the other ladder trucks in the zone. Big thanks to Anders Hansson, Brian Ford, and FF Randy Hart from the Bellevue Fire Department for making this happen. We have also place battery powered nail guns and circular saws in service on Rescue 151. This will assist in noise reduction due to the need for an air compressor or generator and assist in remote location use without a air hose or extension power cord.
- 5. We currently have 3 Operations members off on disability, FMLA. Overtime expenses are anticipated to be well over current budgeted amounts. Consideration to utilize disaster funds to help offset overage.
- 6. We are scheduling monthly Labor/Management meetings to ensure we address any issues at the lowest level. At our most recent L/M meeting, we signed a MOU regarding the BC list 1

year extension and have a policy update on time off that will be coming to the board for approval.

- 7. The NKCTC will be conducting two academies in 2022. This involves the use of Station 51's facility for most of the year by recruits/instructors and associated staff. We anticipate have recruits in both along with an instructor from the NSFD.
- 8. NSFD was contacted by the Washington Survey Rating Bureau on September 30. They advised us that we will be up for a review in 2022. Our current WSRB rating is a Class 3. We moved from a 4 to a 3 in December of 2017. We have 4 members participating in an online webinar to help prepare us for the upcoming evaluation. Chief McDonald and Inspector Booth both attended a online webinar on how to properly prepare for a WSRB review on November 3, 2021.
- 9. The district received a memo from DC/FM Noble on November 3, 2021, stating that he will not be able to extend his duties as our Fire Marshal past December 31, 2021. Administration has begun to look at other options including looking at retired FM/Plans reviewers to fill in or contracting out until a determination is made as to a contract for service.
- 10. Chief McDonald has contacted NORCOM, and they are willing to extend the IT contract through the 1<sup>st</sup> qtr. of 2022.
- 11. The districts insurance company VFIS will be onsite with Chief McDonald on November 18<sup>th</sup> to conduct an in-person review of the districts insurance needs and evaluate our driving, training, and other risk related items. Chief McDonald has met via phone with the VFIS, and we have all compiled records required ready to go for this visit.
- 12. The district is currently gathering information on 4 Public Records Request, plus preparing for a 5th Public Records Request. The district is following the recommendation of legal, and we believe all timelines have been met as of October 1,2021. We are also in the process of hiring a temporary administrative person to deal specifically with the PRR. I will provide you an update as we progress.

HR Manager and members of our staff conducted rapid interviews (10) minutes long and 3 different panels to determine candidates that will move forward to the full oral board. Our team interviewed 61 candidates and have approx. 21 candidates moving forward to the oral board. The district had over 1000 people apply for NSFD through National Testing Network. Big thank you to HR Manager Moore, Kathy Walsh, BC Hochstein, Lt. Pritchett, ALT Ross, FF Wilkinson for their work during these long days.

- 13. Electrical work at 51 is complete, lighting around the drill ground, parking lot and station has been upgraded based on the request from facility program manager BC Morris.
- 14. DC/FM Noble reported that previous Northshore Fire Commissioner Ron Gehrke passed away over the weekend. We have his family in our thoughts.

## HR Report/Hiring Update

• FF Hiring Update: Applicants were reviewed and top candidates were invited to participate in rapid assessment interviews with three groups of District personnel. Candidates have been chosen from the participants and invited to interview with our oral board panel and complete a cognitive skills assessment the week of November 15. Selected candidates will move forward to a Chief interview.

- AS Kunkel passed her Inspector 1 exam.
- AS Kunkel is preparing information for Fire Benefit Charge deadlines.
- 2022 shift assignments were distributed to members.
- Open enrollment has begun. Communications have been sent out, with required annual notices following soon.
- Performance evaluation season continues. HRM Moore continues to work with supervisors to complete. AS Kunkel and HRM Moore continue to support staff with any technical support needed.
- HRM Moore created and distributed monthly newsletter.
- HRM Moore has begun review of job descriptions to ensure up-to-date.
- HRM Moore continues work with neighboring agencies to support the recruitment efforts to fill the NEMCo Emergency Manager vacancy.

## TRAINING UPDATE

- NKCTC Training Officer's assisted the NKCTC Academy with Live Fire training at North Bend Washington State Patrol Fire Academy.
- NKCTC Training Officer's assisted the NKCTC Academy with Live Fire at Renton Station 14.
- NKCTC Training Officer's delivered tactical training to crews with the area of focus on: Initial Radio Reports, Follow-up Radio Reports, and creating Divisions and Groups.
- NKCTC Training Officer's finalized the curriculum for the fourth quarter Tactical Training
- The NKCTC Academy 21-1 is currently in Week 12 (week of November 15).

## FIRE PREVENTION/PIO/PUBLIC OUTREACH

FM issued 6 single family resident fire sprinkler permits

FM assessed 2 short plat reviews for the City of Kenmore

Inspector Booth conducted 19 code enforcement inspections

Inspector Booth conducted 4 sprinkler/fire alarm inspections

Inspector Booth issued 1 tank permit

Inspector Booth followed up on several outstanding permits

Inspector Booth worked with a local business on a fire alarm issue and establishing a Fire Watch

Inspector Booth worked with the Northshore School District and City of Kenmore on new security fencing around schools

Inspector Booth worked with 3 businesses to update keys in knoxboxes

Inspector Booth attended a workshop webinar for WSRB

Inspector Booth continued work with Sybatech (CodePAL inspection software company) to resolve an issue on the Surface Tablet

Inspector Booth is working on CodePAL (inspection program) to clear corrected violations from the database

Inspector Booth working with LFPPD/NEMCo Steering Committee on a CERT Final on 11/20

Inspector Booth continuing to work through an ongoing TCE (The Compliance Engine) database issue– managing deficiencies in fire and life safety systems in district

Inspector Booth pushed out power outage & fall back (change your clock/change your smoke alarm batteries) information on Facebook.

Reaction time 51	Reaction Time 57	Response Time Avg	Response Time 90%
90% Fractile	90% Fractile	Call received to O/S	Call received to O/S
A shift 1:45	A shift 2:27	5:32	9:03
B shift 1:51	B shift 2:20		
C shift 2:42	C shift 2:02		
D shift 2:10	D shift 1:45		
<mark>11/12</mark>	<mark>11/12</mark>		

Call Types of	Number of Calls -Nov 3-Nov 12, 2021	
Rescue	1	
Structure Fire	0	
Natural Vegetation	0	
EMS	73	
Odor Smoke	0	
Electrical wiring	2	
Flammable Liquid spill	2	
Public Service	6	
Dispatched and cancelled	10	
Water problem	1	
False alarm/system malfunction	4	
Other	0	
Total calls	99	

#### COVID-19 Update as of 10/25/2021

- 1. 165164 total cases all (King County)
- 2. 8471 total hospitalizations all (King County)
- 3. 2012 total fatalities all (King County)
- 4. Kenmore 1159 total cases,74 hospitalizations and 19 fatalities,
- 5. LFP 554 total cases, 22 hospitalizations and 5 fatalities
- 6. King County Vaccination rate 83% completely vaccinated
- 7. NSFD will be participating in a pilot program authorized by Dr. Rea. Document is attached. NO positive cases identified
- 8. Boosters are now approved for all three vaccines for folks over 65, under 65 if high risk and health care workers
- 9. Reminder that the proof of vaccination is now required in King County KC Public Health is monitoring compliance

## Auto Aid IN to Assist NSFD (All Call Types)

Kirkland	0	11-3-11-12
Bothell	1	
Shoreline	4	

## Auto Aid OUT of District (All Call Types)

Kirkland	6	11-2-11-12
Bothell	4	
Shoreline	4	