

Supplemental Emergency Medical Transport (SEMT)

Revenue Appropriation Request

Worksession with the
Anchorage Assembly

11/4/2022

SEMT: History, Revenue, and Requested Appropriation

- History
- Calculations/Reimbursement Process
- Revenue received:
 - 2019: \$5,038,111
 - 2020: \$18,782,127
- Submitted:
 - 2021 Submission: \$12,991,126

AR 2022-332

1. \$3,200,000 - Fire Engine Replacement
 2. \$3,000,000 - Fire Ladder Truck Replacement
 3. \$2,000,000 - Initial Down Payment for Purchase of 716 W 4th Avenue
 4. \$2,350,000 – Major Municipal Facility Roof Replacements
 5. \$5,100,000 – Anchorage Areawide Radio Network (AWARN) System
- \$15,650,000

AFD Critical Apparatus Fleet Needs

- Outdated apparatus experience frequent down time and elevated operating costs
- 5 of 14 engines are beyond service life and should be in reserve status
- 2 of 4 aerials are beyond service life and should be in reserve status
- Supply chain and increased demand have increased delivery time to 30 months

Typical service life

- Front line service: 15 years
- Reserve status: 10 years



AFD Critical Apparatus Fleet Needs

ACTIVITY	Work Orders	Rig Swap	Type	Miles	Cost/Mile	Bonded	In-service	2022 Bond Arrive																		2022 SEMT Arrive																	
								2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042															
Engine 10	43	2	KME 4WD	95,201	\$4.60	2003	2004	Replace with 2022 Bond (1)																																			
Engine 12	98	12	KME 2WD	166,602	\$3.59	2006	2007	Replace with 2022 Bond (2), retire apparatus due to mileage																																			
Engine 11	53	12	KME 4WD	96,434	\$6.31	2006	2007	Replace with 2022 SEMT (1)																																			
Engine 15	41	4	KME 2WD	110,547	\$3.67	2006	2007	Replace with 2022 SEMT (2)																																			
Engine 7	57	4	KME 2WD	128,697	\$3.94	2006	2007	Replace with 2022 SEMT (3)																																			
Engine 2	96	21	KME 2WD	78,225	\$3.62	2011	2012	Replace with 2023 Bond (4)																																			
Engine 8	32	7	KME 4WD	50,802	\$5.72	2011	2012	Replace with 2023 Bond (5)																																			
Engine 9	80	7	KME 2WD	65,356	\$3.21	2014	2015																																				
Engine 3	78	12	KME 2WD	58,611	\$2.07	2015	2016																																				
Engine 4	77	13	KME 2WD	64,915	\$2.53	2015	2016																																				
Engine 6	118	25	KME 4WD	66,654	\$2.10	2015	2016																																				
Engine 1	62	9	Rosenbauer 2WD	43,256	\$2.02	2017	2018																																				
Engine 5	50	7	Rosenbauer 2WD	49,692	\$1.58	2017	2018																																				
Engine 14	51	12	Rosenbauer 4WD	48,075	\$1.74	2017	2018																																				



- 5 engines are beyond service life and should be in reserve status
 - These have operating costs in excess of \$4.00 per mile or more than 100,000 miles, or both
- Our entire reserve fleet are KME, which has gone out of business; many parts are no longer available and must be manufactured
- By 2025 4 of the 5 planned reserve fleet will exceed 150,000 miles per vehicle (2 will exceed 200,000)

AFD Critical Apparatus Fleet Needs

ACTIVITY	Type	Work Orders	Rig Swap	Miles	Cost/Mile	Bonded	In-service	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Truck 12	Smeal 105' Stick	66	14	77,285	\$4.15	2009	2010	Replace with Bond 2023 (1) and move to reserve																												
Truck 1	Pierce 100' Tiller	34	11	31,118	\$4.63	2016	2017	Replace with Bond 2023 (2) to standardize fleet; divest of Tiller																												
Truck 5	Rosenbauer 100' Pltfm	New in fall 2022				2019	2022	Expected in-service time Nov 2022																												
Truck 3	Rosenbauer 100' Pltfm	New in fall 2023				2019	2022	Expected in-service time Nov 2022																												



- 2 aerials (“trucks”) are beyond service life and should be in reserve status
 - These have excessive operating costs and/or miles
 - Replacements are expected to arrive before the end of 2022 (2020 and 2021 bonds – before build times became prolonged)
- Our other two in-service aerials (Truck 1 and 12) are within their desired service life but are our least reliable and most expensive to operate

MOA Purchase of 716 West 4th Ave. Building from ACDA

- 2018 Municipality of Anchorage, Anchorage Police Department entered into a lease agreement with ACDA for the use of the building at 716 West 4th Avenue
 - One year lease commencing on October 23, 2018, with nineteen (19) one-year extension options
 - Rent shall increase by the Consumer Price Index for All Urban Consumers Anchorage (CPI-U)
- 2019 Anchorage Police Department occupied the building and continues to use the facility as their headquarters
- Pursuant to the lease agreement section 3. Right of First Offer to Purchase. The Municipality entered into negotiations with ACDA for the purchase of the building at 716 West 4th Avenue

Current Lease Costs & Estimated Savings

Current Lease/Costs



2022 Lease Cost: \$1,707,834.72 + MESA \$219,755.58 = **\$1,927,590.30**

CPI increases estimated at 8% in FY2023 and 5% thereafter

- 2023 Est. Lease Cost: \$1,843,000 + MESA = **\$2,062,755.58**
- 2024 Est. Lease Cost: \$1,935,000 + MESA = **\$2,154,755.58**
- 2025 Est. Lease Cost: \$2,032,000 + MESA = **\$2,251,755.58**
- 2026 Est. Lease Cost: \$2,133,000 + MESA = **\$2,352,755.58**

Estimated Savings



Total Projected Savings over 4 years = \$2,890,022.32

Est. Annual Debt Payment – \$1,483,000

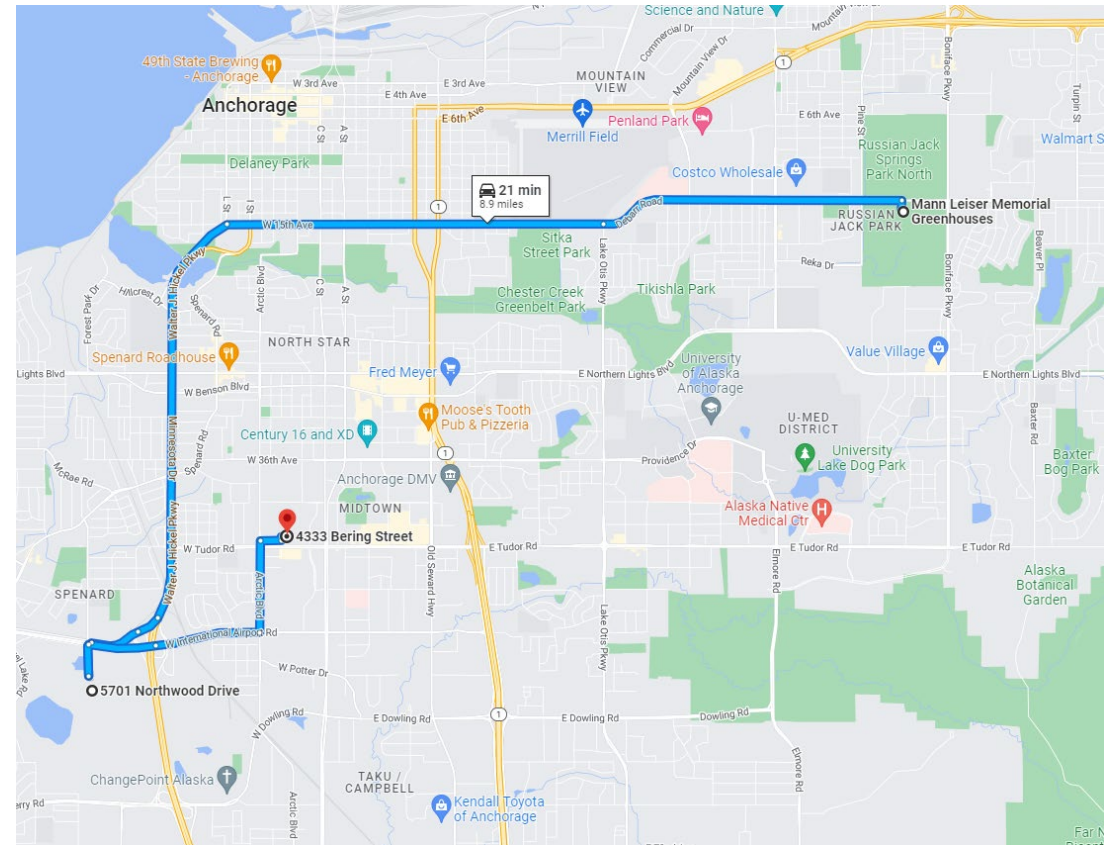
- 2023 Est. Savings in 1st year \$579,755.58
- 2024 Est. Savings of 2nd year \$671,755.58
- 2025 Est. Savings of 3rd year \$768,755.58
- 2026 Est. Savings of 4th year \$869,755.58
- **Projected 4-year savings** = **\$2,890,022.32**

Major Facility Roof Replacements

- Total request \$2.35M
- Aging facilities: 25-30 years
- Russian Jack Greenhouse roof: \$350,000
- Street Maintenance Shop roof: \$1,200,000
- Fleet Heavy Equipment Shop roof: \$800,000

Major Facility Roof Replacements

- **Russian Jack Greenhouse**
1321 Lidia Selkregg Lane
- **Street Maintenance Shop**
5701 Northwood Drive
- **Fleet Heavy Equipment Shop**
4333 Bering Street

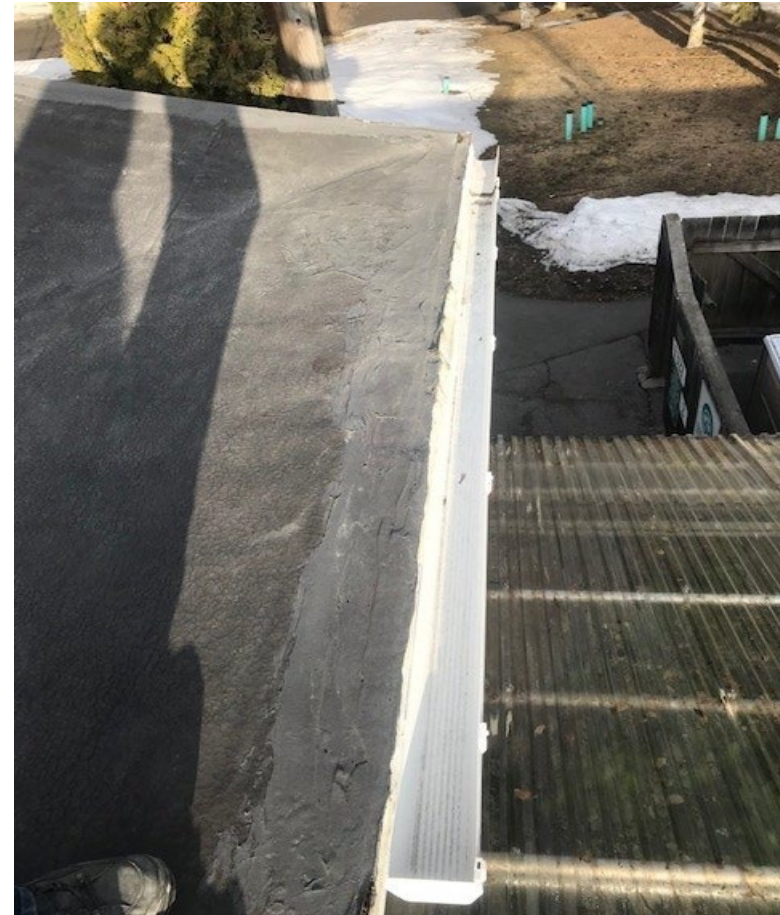


Russian Jack Park – Greenhouse Roof

- \$350,000
- Existing roof is 27 years old
- Several leaks identified
- Water damage to structure
- Design 2023, Construction 2024



Russian Jack Park – Greenhouse Roof



Street Maintenance Shop Roof



- \$1,200,000
- Building is over 35 years old
- Existing roof is polyurethane coating installed over original roof.
- Poly coating has degraded and is failing.
- Multiple leaks throughout building.
- Saturated insulation.
- Design 2023, Construction 2024

Street Maintenance Shop Roof



Fleet Heavy Equipment Maintenance Shop

- \$800,000
- Existing roof is 30 years old
- Existing roof is polyurethane coating installed over original roof.
- Poly coating has degraded and is failing.
- Multiple leaks throughout building.
- Saturated insulation.
- Design is complete. Construction 2023.



Fleet Heavy Equipment Maintenance Shop

