



Big Bear Fire Authority

**BIG BEAR FIRE AUTHORITY
NOTICE & AGENDA OF ADMINISTRATIVE COMMITTEE MEETING
March 23, 2021**

To: Chairman Dave Caretto
Vice Chairman John Green
Director Rick Herrick
Director Al Ziegler

Fire Chief Jeff Willis
Assistant Chief-Fire Marshal Mike Maltby
Senior Finance Officer Kristin Mandolini
Authority Counsel Joey Sanchez
Local Media

CC: Director Alan Lee
Director Bynette Mote
Director Karyn Oxandaboure
Director Randall Putz
Director John Russo
Director Larry Walsh

NOTICE IS HEREBY GIVEN, that a meeting of the Administrative Committee of Big Bear Fire Authority will be held on Tuesday, March 23, 2021 at 4:00 p.m. Pursuant to Governor Newsom's Executive Order N-25-20 and N-29-20. The members of the Big Bear Fire Authority Board and the public shall participate in this meeting via teleconference; there is no in-person meeting location for this meeting. Public comment may be submitted by email as described below. This meeting is being called pursuant to Section 54956 of the Government Code of the State of California.

The Public may observe this meeting by:

- Calling (669) 900-6833 with meeting ID: or;
- Join Zoom Meeting online at <https://us02web.zoom.us/j/87979546133?pwd=eWNQTTUzdEQyMkR4Q215MFVpMVplUT09>
- Meeting ID: 879 7954 6133 with passcode 860000

This meeting will be recorded. Contact the Board Secretary to receive a copy of the recording.

OPEN SESSION

CALL TO ORDER

MOMENT OF SILENCE

ROLL CALL

GENERAL PUBLIC COMMENT - Public comment is permitted only on items on the posted agenda. Members of the public who wish to comment on matters before the Board are invited to submit comments via email to publicmeetingcomments@bigbearfire.org on or before Tuesday, March 23, 2021 at 2:00 p.m. Please limit comments to 300 words or less. All comments submitted will be read aloud during the meeting. Please note, all email correspondence relating to this meeting will become part of the Board minutes.

DISCUSSION ITEMS

1. Revised 3-year Fleet Replacement Schedule

Administrative Committee discussion of revising 3-year Fleet Replacement Schedule. The Board authorized possible revisions at the August 4, 2020 meeting to better align with known delivery dates and costs.

ADJOURNMENT

I hereby certify under penalty of perjury, under the laws of the State of California, the foregoing agenda was posted in accordance with the applicable legal requirements. Dated this 18th day of March, 2021.



Dawn E. Marschinke

The Big Bear Fire Authority wishes to make all of its public meetings accessible to the public. If you need special assistance to participate in this meeting, please contact Board Secretary Dawn Marschinke at 909-866-7566. Notification prior to the meeting will enable the Fire Authority to make reasonable arrangements to ensure accessibility to this meeting.



BIG BEAR FIRE AUTHORITY AGENDA REPORT

Item No. 1

MEETING DATE: March 23, 2021

TO: Big Bear Fire Authority Administrative Committee

FROM: Jeff Willis, Fire Chief *JW*

SUBJECT: **REVISED THREE-YEAR FLEET REPLACEMENT SCHEDULE**

BACKGROUND

As part of the Fiscal Year 2020/2021 budget, the Board authorized an updated fleet replacement schedule that correctly aligns with current anticipated fleet replacement needs. The Board authorized the replacement and addition of specific apparatus over a three-year period. This three-year fleet replacement plan included partial use of fund balance as well as debt financing.

Fiscal Year 2020/2021 included the purchase of a paramedic ambulance, type 1 structure fire engine, and a staff vehicle. All three apparatus have been successfully purchased. The paramedic ambulance was placed into service in August of 2020. The staff vehicle was placed into service in November of 2020. The financing and build contracts for a Pierce Arrow Type 1 Structure Fire Engine were approved by the Board at the February 2, 2021 meeting.

The build contract for the Pierce Arrow fire engine anticipates delivery within 14-15 months. Once the fire engine arrives, additional time will be needed to mount additional equipment and training of personnel before being placed into service. It is anticipated that this new fire engine will be placed into front line service in the summer of 2022. Due to the extended delivery date, it is necessary to adjust the 3-year fleet replacement plan to better align with now known delivery dates.

DISCUSSION

The attached 3-year fleet replacement plan has been updated and revised by changing the year of purchase and includes anticipated annual cost increases from manufactures. In many respects, the revised plan accelerates fleet replacement into the current fiscal year, while at the same time reduces fleet replacement needs in future fiscal years. The revised fleet replacement plan considers reduction of future apparatus cost. It allows for accelerated apparatus rotation from front line service to reserve or backup status. It allows for the discharge of worn apparatus currently placed in reserve status that are excessively expensive to maintain. The revised fleet replacement plan is as follows:

1. Move ambulance from FY 2021/2022 to current fiscal year. This provides a \$4,000 discount as compared to purchasing in the FY 2021/2022. This allows for a new paramedic ambulance

to be in front line service for the 2020 summer months, and the moving of the current front-line ambulance to reserve backup status. Current reserve will be discharged from service.

2. Move staff vehicle replacement from FY 2022/2023 to the current fiscal year. This allows for vehicle rotation from Assistant Chief to the Air Operations crew H-285, and discharge of the currently assigned vehicle.
3. Move battalion chief vehicle from FY 2021/2022 to the current fiscal year. This accelerates replacement and creates a reserve battalion chief vehicle for use when the front line is out of service.
4. Move mechanic vehicle from FY 2021/2022 to the current fiscal year. This allows for a correctly outfitted vehicle to successfully perform mobile and shop repairs. The vehicle will be equipped with a hoist crane to assist with lifting or stabilizing heavy objects, welder, and air compressor.
5. Move brush engine from FY 2022/2023 to the current fiscal year. This allows for the purchase of this apparatus at a \$40,000 discount and eliminates anticipated costly repair for the current front line brush engine, as many of the component repair and replacement parts are no longer manufactured. If authorized, this apparatus could be in service in October of 2021.

The revised 3-year fleet replacement plan is updated on all apparatus that best reflects current cost and anticipated future cost over a 3-year period. Specific Note: ambulance purchase increased from \$180,000 to \$195,000; mechanic vehicle increased from \$110,000 to \$150,000; brush engine reduced from \$475,000 to \$450,000; ladder truck increased from \$1.5M to \$1.7M.

FISCAL IMPACT

A budget adjustment in the current fiscal year is requested as follows: \$80,000 for a staff vehicle; \$130,000 for a battalion chief vehicle; \$150,000 for a mechanic vehicle; \$195,000 for an ambulance; and \$50,000 for a deposit on a brush engine with the balance of approximately \$400,000 being debt financed. The total fiscal impact for these purchases equates to \$605,000.

Of important note, current projections for the upcoming FY 2021/2022 budget indicate that the budget will be operationally balanced which lends support for the recommendations and justifications above.

RECOMMENDATION

Staff recommends the Administrative Committee discuss and provide further direction to staff.

- Attachments:
- 1) Approved 3-Year Fleet Replacement Plan
 - 2) Proposed 3-Year Fleet Replacement Plan
 - 3) Vehicle Replacement Schedule

3 Year Fleet Replacement Plan Approved 8/4/20

Fiscal Year 20/21	
Fire Engine	875,000
Ambulance	180,000
Staff Vehicle	80,000
	1,135,000
Fiscal Year 21/22	
Ladder Truck	1,500,000
Ambulance	185,000
BC Vehicle	130,000
Mechanic Vehicle	110,000
	1,925,000
Fiscal Year 22/23	
Fire Engine	895,000
Brush Engine	475,000
Ambulance	190,000
BC Vehicle	135,000
Staff Vehicle	85,000
	1,780,000
Total	4,840,000

Proposed 3 Year Fleet Replacement Plan

Fiscal Year 20/21	
Fire Engine (Completed)	670,000
Ambulance (Completed)	180,000
Staff Vehicle (Completed)	80,000
Ambulance	195,000
Staff Vehicle	80,000
Battalion Chief Vehicle	130,000
Mechanic Vehicle	150,000
Brush Engine	450,000
	1,935,000
Fiscal Year 21/22	
Ladder Truck	1,700,000
Outfit 20/21 Fire Engine (Carryover)	205,000
	1,905,000
Fiscal Year 22/23	
Fire Engine	895,000
Ambulance	205,000
BC Vehicle	135,000
	1,235,000
Total	5,075,000

BIG BEAR FIRE AUTHORITY

Vehicle Replacement Schedule

REPLACEMENT KEY:	FY 20/21	FY 21/22				
	Current Mileage	Unit Designator	Year Purchased	Estimated Life in years	Replacement Fiscal Year Ending	Estimated Replacement Cost
Vehicles						
Administration						
2020 Chevrolet Tahoe	5K	C-2800	2020	5	2025	80,000
2008 Chevrolet Tahoe	130K	C-2801	2008	5	2027	80,000
Administration Reserve						
2006 Ford Explorer	92K	N/A	2005			
2006 Ford Explorer	92K	N/A	2005			
Operations-Shift Commander						
2010 Dodge 2500	168K	BC-2806	2010	7	2023	135,000
2010 Ford Expedition XL	96K	BC-2805	2010	7	2021	130,000
2010 Ford F350	90K	BC-2807	2010	7	2024	135,000
Shift Commander-Reserve						
Operations Support						
2004 Ford F550 Utility/Lighting	21K	S-282	2004	20	2024	96,000
2008 Dodge Pickup	58K	U-0305	2019	20	2028	55,000
2021 Dodge 5500 (Mechanic)	0		2021	10	2031	150,000
Reserve						
2001 Dodge Pickup	48K	U-281				
2008 Dodge Pickup	60K	U-0306				
2010 Ford F250	59K	U-281B				
2002 Ford Van	22K	N/A				
2005 Ford Expedition	103K	U-2808				
Planned Discharge						
2001 Chevrolet Tahoe	141K	H-285			Rotation	
2001 Chevrolet Tahoe	166K	U- 282A				
2003 Chevy S-10	71K	U-282				
Ambulances						
Ambulances in Service						
2020 Dodge 3500	14K		2020	5	2025	180,000
2016 Dodge 3500	82K	MA-282	2021	5	2021	195,000
2017 Dodge 3500	56K	MA-282A	2017	5	2022	205,000
2018 Dodge 3500	53K	MA-281	2018	5	2023	150,000
Reserve Ambulances						
2009 Chevrolet 3500	147K	MA-282B				
2013 Ford 350	52K	MA-282R				
Planned Discharge						
2006 Chevrolet Kodiak 4500	147K	MA-284				
2009 Dodge Sprinter	182K	MA-281A				
2014 Chevrolet 3500	120K	MA-282C				

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Vehicle Replacement Schedule

REPLACEMENT KEY:		FY 20/21	FY 21/22				
	Current Mileage	Unit Designator	Year Purchased	Estimated Life in years	Replacement Fiscal Year Ending	Estimated Replacement Cost	
Apparatus							
Ladder Truck							
2001 E-One Ladder Truck	88K	T-281	2001	20	2022	1,700,000	
Type I Structure Engine							
2021 Pierce Arrow	0	New	2021	15	2036	875,000	
2004 KME Engine	114,000						
2004 KME Engine	72K	E-281	2004	15	2023	895,000	
2011 KME Engine	82K	ME-282	2011	15	2026	875,000	
Type III Brush Engine							
1999 Westmark Brush Engine	20K	BE-282	1999	20	2019	450,000	
2003 Pierce International 7400 Engine	27K	BE-281	2003	20	2023	475,065	
Type IV Brush Engine							
2009- Ford 550Type IV Engine	19K	BP-281			N/A		
Water Tender							
2005 Pierce International Water Tender	11K	WT-281	2004	25	2029	300,798	
2007 KME 7600 Water Tender	12K	WT-282	2007	25	2032	300,798	
1988 Oshkosh Water Tender	5K	WT-284	2016		N/A		
Heavy Rescue							
2006 Pierce International	44K	R-281			N/A		
Service Support Equipment							
Snow Equipment							
1976 Snow Cat		SC-291		50	2026		
2000 Polaris Sport Tour Snow Mobile		SnoMo-282	2010	25	2025		
2000 Polaris Sport Tour Snow Mobile		SnoMo-283	2010	25	2025		
All Terrain Vehicles							
2015 Polaris Ranger 6X			2015	15	2030	30,000	
Trailer							
Chipping Equipment							
2001 GMC Dump Truck			2006		N/A		
2005 Bandit 250 Chipper		BC-281	2005		N/A		
2010 Bandit 1490Xp Chipper					N/A		
Miscellaneous Support							
2002 Sandpiper Trailer		IS-281	2009		N/A		
Antique							
1936 Reo Engine			1936		N/A	Antique	
1950 FWD Engine		E-283A	1950		N/A	Antique	