

HERF 2025 Scenerio \$124K November 21, 2024		HIGHWAY EQUIPMENT RESERVE FUND (HERF)																	
JS																			
HERF Balance on July 1						856,691	795,353	700,353	353,360	179,697	90,929	211,855	338,773	231,909	366,699	252,089	324,809	473,525	117,483
Annual HERF Contribution(3% growth per year)						30,000	120,000	124,000	127,720	131,552	135,498	139,563	143,750	148,062	152,504	157,079	161,792	166,646	171,645
Model		Hours/Miles	Hours/Miles	Life	Est. Trade-In	FY24	FY25	FY26	FY27	FY28	FY29	FY 30	FY31	FY32	FY33	FY34	FY35	FY36	FY37
Year	Equipment Description	11/15/2023	Per Year	Expectancy	FY26														
2013	John Deere 672G Grader	4,349	400 hr	10 years				(105,000)										(128,000)	
2026	John Deere 672G Grader							520,000										640,000	
2016	CAT 307E2 Mini Excavator	1,167	150 hr	10 years					(30,000)										(40,400)
2027	CAT 307E2 Mini Excavator								150,000										202,000
2015	Case 621F Loader	3,126	400 hr	10 years					(40,000)										(55,600)
2027	Loader								213,000										278,000
2011	Trackless sidewalk plow, etc.	2,438		1 year				(5,000)											
2025	Deere 320G Skid Steer Loader		300 hr	10 years				Contract out											
2016	Ford F350 Pickup	64,560	9,000 miles					(10,000)									(17,600)		
2026/2034	Ford F350 w plow& salter			8 years				70,000									88,000		
2020	Green Mack GR64F Truck/Plow	2,505 / 46,240	600 / 10,000	8 Years						(52,000)									(65,000)
2026	Green Mack GR64F Truck/Plow									260,000									325,000
2023	Green Mack GR64F Truck/Plow	458 / 10,620	600 / 10,000	8 years									(60,000)						
2031	Green Mack GR64F Truck/Plow												300,000						
2016	Green Western Star Truck/Plow	Sold	600 / 10,000				(45,000)								(64,000)				
2025	Green Mack GR64F Truck/Plow			8 years			250,000	? Payment does not show up on HERF Account							320000				
2023	Talbert AC-20-AR flatbed trailer			20 Years															
2025	Rubber Tire Backhoe(Used)			12 years															
	Other Equipment						45,000	25,000	25,750	26,523	27,318	28,138	28,982	29,851	30,747	31,669	32,619	33,598	34,606
2011	Yellow International Truck/Plow	Retired																	
	Prior Year's Hwy Surplus					(16,200)	(10,000)	(10,000)	(10,300)	(10,609)	(10,927)	(11,255)	(11,593)	(11,941)	(12,299)	(12,668)	(13,048)	(13,439)	(13,842)
	Interest Income @4%						(25,000)	(14,007)	(7,067)	(3,594)	(1,819)	(4,237)	(6,775)	(4,638)	(7,334)	(5,042)	(6,496)	(9,471)	(2,350)
	Net Purchases						215,000	470,993	301,383	220,320	14,572	12,646	250,614	13,273	267,114	84,360	13,075	522,688	662,414
	End of year Balance June 30						700,353	353,360	179,697	90,929	211,855	338,773	231,909	366,699	252,089	324,809	473,525	117,483	(373,286)
	Assumptions:																		
		Prioities: Grading Dirt Roads & Plowing/Sanding Snow-covered Roads																	
		Need 3 Top-condition Plow Trucks(Under 8 years old)																	
		Need 2 Top-condition Dump Trucks(Under 8 years old)																	
		Purchase new equipment. Use for 8 to 10 years then sell.																	
		3% price inflation per year																	
		New equipment trade-in after 8 Years =20% of orginal price																	
		20% maintenance savings with newer equipment -\$30,000 - \$41,000																	
	Annual Maintenance Savings							(30,000)	(30,900)	(31,827)	(32,782)	(33,765)	(34,778)	(35,822)	(36,896)	(38,003)	(39,143)	(40,317)	(41,527)