

2016 Highway Capital Replacement Plan

Vehicle	In-Svc. Yr.	Svc. Yrs.	Repl. Yr.	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
<b>Reserve Fund Expenditures</b>																	
Truck #2 International 10 wheeler 2 WD	Sep. 2012	5-7	2026			\$196,617						\$220,211					
Truck #3 International 2WD	Jul. 2013	5-7	2026			\$168,965						\$189,241					
Truck #1 Western Star 4WD Scrapper	Jul. 2015	5-7	2022				#####						\$193,026				
Truck #4 Ford 550 4WD	2015	9	2024							\$105,600							
Tractor w/ mower deck	2016	20	2036														
John Deere Loader	2010	15	2025								\$165,750						
John Deere Grader	2002	25	2027											\$362,500			
Komatsu Excavator and Trailer	2008	20	2028												\$137,200		

<b>Highway Operating Expenditures</b>																	
Tag Trailer	2008	15	2023											\$20,000			
Hotbox	2015	15	2030														TBD
Chipper	2015	7	2022														TBD
Bale Chopper	2015	15	2030														TBD
Debris Blower	2015	15	2030														TBD
Truck #4 Ford 550 4WD bed and sander	2015	9	2024			\$10,000											

<b>Beginning Capital Funds Balance</b>	\$190,301	\$299,725	\$374,073	\$204,015	\$214,956	\$332,931	\$454,396	\$488,828	\$470,547	\$327,713	\$332,293	\$144,455	\$161,577	\$304,785
<b>Current Taxpayer Contribution</b>	\$108,700	\$73,100	\$73,100	\$114,000	\$116,900	\$119,800	\$122,800	\$125,900	\$129,000	\$132,200	\$135,500	\$138,900	\$142,400	\$146,000
<b>Earned Interest</b>	\$724	\$1,248	\$1,870	\$1,020	\$1,075	\$1,665	\$2,272	\$2,444	\$2,353	\$1,639	\$1,661	\$722	\$808	\$1,524
<b>Future Taxpayer Contribution</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Capital Contribution</b>	<b>\$108,700</b>	<b>\$73,100</b>	<b>\$73,100</b>	<b>\$114,000</b>	<b>\$116,900</b>	<b>\$119,800</b>	<b>\$122,800</b>	<b>\$125,900</b>	<b>\$129,000</b>	<b>\$132,200</b>	<b>\$135,500</b>	<b>\$138,900</b>	<b>\$142,400</b>	<b>\$146,000</b>
<b>Total Gross Expenditure(s)</b>	\$0	\$0	\$365,582	\$172,344	\$0	\$0	\$105,600	\$165,750	\$409,452	\$193,026	\$362,500	\$137,200	\$0	\$0
<b>Trade-in Value(s)</b>	\$0	\$0	\$120,554	\$68,265	\$0	\$0	\$14,960	\$19,125	\$135,265	\$63,767	\$37,500	\$14,700	\$0	\$0
<b>Net Expenditure(s)</b>			\$245,028	\$104,079			\$90,640	\$146,625	\$274,187	\$129,258	\$325,000	\$122,500		
<b>Ending Capital Funds Balance</b>	\$299,725	\$374,073	\$204,015	\$214,956	\$332,931	\$454,396	\$488,828	\$470,547	\$327,713	\$332,293	\$144,455	\$161,577	\$304,785	\$452,309

**ASSUMPTIONS:**  
 Contribution Year FY2021 start with \$114,000  
 2.5 % increase in contributions going forward

After recovery from prior yeears shortfall  
 Reset FY2032 to \$119,000.00 from \$146,000.00

37% trade in trucks based on 6 year trade  
 37 % on trade 6 year.  
 17% on trade 9 year  
 15% trade on Heavy Equipment  
 5 year service life heavy trucks  
 9 Year service life (1) ton  
 Heavy equipment 15-25 service life

quotation or 2% increase per year cost of goods  
 1.85% interest on reserve balance

