

Unfinished Draft for Review as of 11-7-19

Rate of Future Inflation 3%

Equipment Inventory															
	Existing Equipment				Future Equipment Life Cycle										
	Year		Current Usage		Life (yrs)	Fiscal Yr Replaced	Gross Cost	Less Trade-In	Net Cost	Cash Downpayment		Debt Financing			Comments
	Made	Purchased	Miles	Hours						(%)	(\$)	Amt.	Years	Rate	
Equipment Inventory															
Dump Truck 1		FY15				FY23	\$140,000	\$20,000	\$120,000	21%	\$25,000	\$95,000	5	4%	8 year cycle
Dump Truck 2		FY16				FY24	\$140,000	\$20,000	\$120,000	21%	\$25,000	\$95,000	5	4%	8 year cycle
Dump Truck 3		FY19				FY27	\$140,000	\$20,000	\$120,000	21%	\$25,000	\$95,000	5	4%	8 year cycle
Dump Truck 4		FY20				FY28	\$140,000	\$20,000	\$120,000	21%	\$25,000	\$95,000	5	4%	8 year cycle
Tractor with Snow Blower						FY25	\$44,000		\$44,000	100%	\$44,000	\$0			8 year cycle
Foreman's Pickup Truck						FY21	\$55,000		\$55,000	100%	\$55,000	\$0			4 year cycle
Road Grader						FY30	\$300,000		\$300,000	50%	\$150,000	\$150,000	5	4%	12 year cycle
Roadside Mower						FY21	\$100,000		\$100,000	25%	\$25,000	\$75,000	5	4%	10 year cycle
Front Bucket Loader						FY24	\$120,000		\$120,000	0%	\$0	\$120,000			10 year cycle
Excavator - Rubber Tire						FY25	\$150,000		\$150,000	0%	\$0	\$150,000			12 year cycle
Annual Maintenance										#DIV/0!	\$0	\$0			
Paving										\$0	\$0	\$0			Determined annually by plan
Gravel Plan										\$0	\$0	\$0			Determined annually by plan
Stormwater and sidewalks							\$115,000		\$115,000	0%	\$0	\$115,000			
Infrastructure										#DIV/0!	\$0	\$0			
East Main Streetscape							\$650,000		\$650,000	0%	\$0	\$650,000			
Millet										#DIV/0!	\$0	\$0			
Jericho Rd										#DIV/0!	\$0	\$0			

Purchases with Cash (includes use of reserve funds)

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	
Equipment Inventory																					
Dump Truck 1					\$27,318								\$34,606								\$43,838
Dump Truck 2								\$28,138						\$35,644							
Dump Truck 3										\$30,747											
Dump Truck 4											\$31,669							\$38,949			
Tractor with Snow Blower							\$51,008										\$40,118				
Foreman's Pickup Truck			\$56,650			\$63,760					\$71,763			\$64,615					\$90,907		
Road Grader												\$201,587		\$80,769							
Roadside Mower		\$25,750											\$34,606								
Front Bucket Loader																					
Excavator - Rubber Tire																					
Annual Maintenance																					
Paving	\$293,000	\$293,000	\$294,000	\$294,000	\$295,000	\$295,000	\$298,000	\$298,000	\$300,000	\$300,000	\$300,000	\$305,000	\$417,748	\$430,280	\$444,701	\$458,042	\$473,388	\$487,590	\$507,325	\$522,545	
Gravel Plan	\$150,000	\$150,000	\$152,000	\$152,000	\$155,000	\$155,000	\$157,000	\$184,481	\$190,016	\$198,326	\$204,275	\$214,556	\$220,993	\$230,560	\$226,888	\$233,695	\$243,915	\$251,233	\$263,877	\$271,793	
Stormwater and sidewalks																					
Infrastructure																					
East Main Streetscape																					
Millet																					
Jericho Rd																					
Total	\$443,000	\$525,400	\$446,000	\$473,318	\$478,138	\$564,768	\$455,000	\$513,228	\$521,685	\$570,088	\$705,863	\$588,768	\$674,385	\$806,225	\$671,590	\$730,687	\$757,421	\$829,730	\$771,202	\$838,176	

**Future Debt Incurred by Fiscal Year**

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
Equipment Inventory																				
Dump Truck 1				\$103,809								\$131,502								\$166,583
Dump Truck 2					\$106,923								\$135,447							
Dump Truck 3								\$116,838	\$120,343							\$148,007				
Dump Truck 4																	\$152,447			
Tractor with Snow Blower																				
Foreman's Pickup Truck																				
Road Grader											\$201,587									
Roadside Mower		\$77,250										\$103,818								
Front Bucket Loader																				
Excavator - Rubber Tire																				
Annual Maintenance																				
Paving																				
Gravel Plan																				
Stormwater and sidewalks																				
Infrastructure																				
East Main Streetscape																				
Millet																				
Jericho Rd																				
<b>Total</b>	\$0	\$77,250	\$0	\$103,809	\$106,923	\$0	\$0	\$116,838	\$120,343	\$0	\$201,587	\$235,320	\$135,447	\$0	\$0	\$148,007	\$152,447	\$0	\$0	\$166,583

**Annual Debt Payments - Principal**

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
Equipment Inventory																				
Dump Truck 1	\$19,844				\$19,166	\$19,933	\$20,730	\$21,559	\$22,421				\$24,279	\$25,250	\$26,260	\$27,310	\$28,403			
Dump Truck 2	\$21,480	\$21,480				\$19,741	\$20,531	\$21,352	\$22,206	\$23,094				\$25,007	\$26,008	\$27,048	\$28,130	\$29,255		
Dump Truck 3									\$21,571	\$22,434	\$23,332	\$24,265	\$25,236				\$27,326	\$28,419	\$29,556	\$30,738
Dump Truck 4	\$26,500	\$26,500	\$26,500	\$26,500	\$24,000					\$22,219	\$23,107	\$24,032	\$24,993	\$25,993			\$28,146	\$29,272	\$30,443	
Tractor with Snow Blower																				
Foreman's Pickup Truck																				
Road Grader	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000							\$37,219	\$38,707	\$40,256	\$41,866	\$43,540				
Roadside Mower				\$14,262	\$14,833	\$15,426	\$16,043	\$16,685					\$19,168	\$19,934	\$20,732	\$21,561	\$22,423			
Front Bucket Loader																				
Excavator - Rubber Tire																				
Annual Maintenance																				
Paving																				
Gravel Plan																				
Stormwater and sidewalks																				
Infrastructure																				
East Main Streetscape																				
Millet	\$7,046	\$7,046	\$7,046	\$7,046	\$7,046	\$7,046	\$7,046	\$7,046	\$7,046	\$7,046	\$7,046	\$7,046	\$7,046							
Jericho Rd	\$43,200	\$43,200	\$43,200	\$43,200	\$43,200	\$43,200	\$43,200	\$43,200	\$43,200	\$43,200	\$43,200	\$43,200	\$40,800							
<b>Total</b>	\$148,070	\$128,226	\$121,008	\$121,579	\$138,838	\$105,963	\$108,192	\$93,157	\$116,445	\$117,993	\$96,685	\$135,761	\$180,228	\$136,440	\$114,865	\$119,460	\$106,282	\$85,820	\$58,828	\$61,181

**Annual Debt Payments - Interest**

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
Equipment Inventory																				
Dump Truck 1	\$480				\$4,152	\$3,386	\$2,588	\$1,759	\$897						\$5,260	\$4,289	\$3,279	\$2,229	\$1,136	
Dump Truck 2	\$786	\$393				\$4,277	\$3,487	\$2,666	\$1,812	\$924										
Dump Truck 3									\$4,674	\$3,811	\$2,913	\$1,980	\$1,009				\$5,920	\$4,827	\$3,690	\$2,508
Dump Truck 4	\$4,251	\$3,602	\$2,680	\$1,757	\$835					\$4,814	\$3,925	\$3,001	\$2,039	\$1,040				\$6,098	\$4,972	
Tractor with Snow Blower																				
Foreman's Pickup Truck																				
Road Grader	\$5,220	\$4,176	\$3,132	\$2,088	\$1,044						\$8,063	\$6,575	\$5,026	\$3,416	\$1,742					
Roadside Mower			\$3,090	\$2,520	\$1,926	\$1,309	\$667						\$4,153	\$3,386	\$2,589	\$1,759	\$897			
Front Bucket Loader																				
Excavator - Rubber Tire																				
Annual Maintenance																				
Paving																				
Gravel Plan																				
Stormwater and sidewalks																				
Infrastructure																				
East Main Streetscape																				
Millet																				
Jericho Rd	\$21,806	\$20,419	\$18,942	\$17,387	\$15,761	\$14,068	\$12,312	\$10,503	\$8,652	\$6,743	\$4,847	\$2,891	\$26							
Police Dept Subtotal	\$32,543	\$28,590	\$27,844	\$23,752	\$23,719	\$23,040	\$19,056	\$14,928	\$16,034	\$16,291	\$19,749	\$14,446	\$12,254	\$13,102	\$8,619	\$5,038	\$9,046	\$12,061	\$8,663	\$2,508

**Reserves Used**

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	
Equipment Inventory																					
Dump Truck 1																					
Dump Truck 2																					
Dump Truck 3																					
Dump Truck 4																					
Tractor with Snow Blower																					
Foreman's Pickup Truck																					
Road Grader																					
Roadside Mower																					
Front Bucket Loader																					
Excavator - Rubber Tire																					
Annual Maintenance																					
Paving																					
Gravel Plan																					
Stormwater and sidewalks																					
Infrastructure																					
East Main Streetscape																					
Millet																					
Jericho Rd																					
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**Reserve Fund Balances**

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	
<b>Debt Reserve Fund Balances</b>																					
Highway Capital Reserve																					
Beginning Balance	\$177,863	\$205,563	\$234,094	\$263,481	\$293,749	\$324,926	\$357,038	\$390,113	\$424,181	\$459,270	\$495,412	\$532,639	\$570,982	\$610,476	\$651,154	\$693,053	\$736,209	\$780,659	\$826,443	\$873,600	
Withdrawals																					
Contributions	\$27,700	\$28,531	\$29,387	\$30,269	\$31,177	\$32,112	\$33,075	\$34,068	\$35,090	\$36,142	\$37,226	\$38,343	\$39,494	\$40,678	\$41,899	\$43,156	\$44,450	\$45,784	\$47,157	\$48,572	
Ending Balance	\$205,563	\$234,094	\$263,481	\$293,749	\$324,926	\$357,038	\$390,113	\$424,181	\$459,270	\$495,412	\$532,639	\$570,982	\$610,476	\$651,154	\$693,053	\$736,209	\$780,659	\$826,443	\$873,600	\$922,172	
Bridge and Culvert Reserve																					
Beginning Balance	\$244,444	\$281,444	\$319,554	\$358,807	\$399,238	\$440,882	\$483,775	\$527,955	\$573,460	\$620,331	\$668,608	\$718,332	\$769,549	\$822,302	\$876,638	\$932,604	\$990,249	\$1,049,623	\$1,110,778	\$1,173,768	
Withdrawals				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Contributions	\$37,000	\$38,110	\$39,253	\$40,431	\$41,644	\$42,893	\$44,180	\$45,505	\$46,870	\$48,277	\$49,725	\$51,217	\$52,753	\$54,336	\$55,966	\$57,645	\$59,374	\$61,155	\$62,990	\$64,880	
Ending Balance	\$281,444	\$319,554	\$358,807	\$399,238	\$440,882	\$483,775	\$527,955	\$573,460	\$620,331	\$668,608	\$718,332	\$769,549	\$822,302	\$876,638	\$932,604	\$990,249	\$1,049,623	\$1,110,778	\$1,173,768	\$1,238,648	
Guardrail Reserve																					
Beginning Balance	\$0	\$5,000	\$10,150	\$15,455	\$18,895	\$22,499	\$26,270	\$30,214	\$34,337	\$38,643	\$43,137	\$47,827	\$52,717	\$57,814	\$63,124	\$68,653	\$74,407	\$80,395	\$86,622	\$93,096	
Withdrawals				-\$2,023	-\$2,024	-\$2,025	-\$2,026	-\$2,027	-\$2,028	-\$2,029	-\$2,030	-\$2,031	-\$2,032	-\$2,033	-\$2,034	-\$2,035	-\$2,036	-\$2,037	-\$2,038	-\$2,039	
Contributions	\$5,000	\$5,150	\$5,305	\$5,464	\$5,628	\$5,796	\$5,970	\$6,149	\$6,334	\$6,524	\$6,720	\$6,921	\$7,129	\$7,343	\$7,563	\$7,790	\$8,024	\$8,264	\$8,512	\$8,768	
Ending Balance	\$5,000	\$10,150	\$15,455	\$18,895	\$22,499	\$26,270	\$30,214	\$34,337	\$38,643	\$43,137	\$47,827	\$52,717	\$57,814	\$63,124	\$68,653	\$74,407	\$80,395	\$86,622	\$93,096	\$99,825	

**Totals**

Total Cash Expenditures	\$443,000	\$525,400	\$446,000	\$473,318	\$478,138	\$564,768	\$455,000	\$513,228	\$521,685	\$570,088	\$705,863	\$588,768	\$674,385	\$806,225	\$671,590	\$730,687	\$757,421	\$829,730	\$771,202	\$838,176
Total Loan Payments	\$180,613	\$156,816	\$148,852	\$145,330	\$162,557	\$129,003	\$127,247	\$108,085	\$132,479	\$134,284	\$116,434	\$150,207	\$192,483	\$149,542	\$123,484	\$124,498	\$115,328	\$97,881	\$67,490	\$63,689
Total Reserve Contributions	\$64,700	\$66,641	\$68,640	\$70,699	\$72,820	\$75,005	\$77,255	\$79,573	\$81,960	\$84,419	\$86,951	\$89,560	\$92,247	\$95,014	\$97,865	\$100,800	\$103,825	\$106,939	\$110,147	\$113,452
Total Reserves Used	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Raised by taxes	\$688,313	\$748,857	\$663,492	\$689,348	\$713,515	\$768,776	\$659,502	\$700,886	\$736,124	\$788,791	\$909,248	\$828,535	\$959,114	\$1,050,781	\$892,939	\$955,985	\$976,574	\$1,034,550	\$948,840	\$1,015,317
Dollar increase over previous FY		\$60,545	-\$85,365	\$25,856	\$24,167	\$55,261	-\$109,274	\$41,384	\$35,238	\$52,667	\$120,457	-\$80,713	\$130,579	\$91,667	-\$157,842	\$63,047	\$20,589	\$57,976	-\$85,710	\$66,477
Percentage increase over previous FY		8.80%	-11.40%	3.90%	3.51%	7.74%	-14.21%	6.27%	5.03%	7.15%	15.27%	-8.88%	15.76%	9.56%	-15.02%	7.06%	2.15%	5.94%	-8.28%	7.01%