FY19-31 Ten Year Outlook

Dec 2,2021

FISCAL YEAR	Target GRAND TOTAL	Actual GRAND TOTAL	Equip Total	IS Capital Total	Paving Total	Expected after FY22 Grants	*Reserve Adds	**Reserve Used	Highway Reserve	Reserve Purpose	Construction loans
2019	320	217	90	57	100	IS Culvert=60	100	30	288	2011 body	
2020	330	225	90	517	97	Mtn/River Design=20/40	289	479	98	**2020 IS Projects	
2021	340	263	57	206	0		80	0	178	**2021 IS Projects	Poker(240)/Corbett(60) : 5 year
2022	350	352	46	146	368	BR7 Des= 31.5	50	208	20		
2023	360	358	52	111	215		0	20	0		
2024	380	379	94	105	230	PV3=200/Br7&Mtn=400	50	50	0		Br7(300) / Mtn(150) : 20 year
2025	400	405	116	149	150		50	10	40		FY24 - ES(275) : 5 year
2026	420	425	116	149	170		50	10	80		
2027	440	441	137	134	190		50	20	110		TBD(250) : 5 year
2028	460	459	190	134	285	PV1,2,5=200	50	150	10		
2029	480	481	257	134	150		50	60	0		
2030	500	495	235	75	205		50	20	30		
2031	520	430	235	75	120		50	0	80		
Total	5300	4500	1480	1917	2160						

*2018 Highway reserve: Capital=40,IS=50.8,Contingency=21.5

*2019 Reserve Add=FY18 Surplus(100) + ES Inventory(75)

*2020 Reserve Add=FY19 Surplus(150) + FY19 carryover(139)

*2021 Reserve= Cap(17)+.Cont(80.7)+FY21(35)+ES Inv(75)

*2022 PV paving excess= Total(308)-Budget(220)-Br7design grant(30)=58

*2021 Reserve Add= FY20 Surplus(80)

*2022 Reserve Add=FY20 Surplus(50)

*2023 Reserve No surplus expected

**2020: Corb(19),Br8(203),Mtn(2),Poker(9),Irish(246)=479

**2022: ES(75inv), Paving excess(58)=133

Dec 2,2021

Plow Trucks & Heavy Equipment (K dollars)

		$122	$155	$200-25	65-No TI	$203-25	$217-25	$200	$400	$200
FISCAL	Equip		Single axle	Double axle		Double axle	Double axle			Mowing
YEAR	Total	15 Loader	15 Dump Truck	18 Dump Truck	*F350	21 Dump Truck	22 Dump Truck	*Excavator	*Grader	Machine
*2019	90	25	33	32						
2020	90	25	33	32						
2021	57	25		32						
2022	46			32	14					
2023	52				14	38				
2024	94				14	38	42			
*2025	116				14	38	42			22
2026	116				14	38	42			22
2027	137		35			38	42			22
2028	190		35	45			42	46		22
2029	257		35	45	17			46	92	22
2030	235		35	45	17			46	92	
2031	235		35	45	17			46	92	
			Replace '15	Replace '18	Replace '08 Replace '21	Replace '11	Replace '13	Replace '97	Replace '03	

* Assumes used equipment

* Jericho share?

*Assume 5 year loan @ 2.5% from 2019-2024

*Assume 5 year loan @ 5% after 2024

First payment due in FY following purchase

Dec 2,2021

Highway Infrastructure Projects (K dollars)

FISCAL YEAR	Project Total	Est Cost-> TG/TH	$76 IS Culvert	$179 Br 8	$20 design $250 Corbett	$35 NUS Culvert	$35 design $500 *PV Br 7	$25 design $350 *Mtn Br	$250 Poker	$250 Irish	$75/$275 English Set	$250 TBD Gravel road
2019	57	40	12		5							
2020	517	38		203	19			2	9	246		
2021	206	36			160					10		
2022	146				13		6		52		75	
2023	111				13	40	6		52			
2024	105				13	40			52			
2025	149				13		25		52		59	
2026	149				13		25		52		59	
2027	134						25				59	50
2028	134						25				59	50
2029	134						25				59	50
2030	75						25					50
2031	75						25					50
Expected Grants ->			$60				$31.5/$200	$22/$200	*240=loan	*100=loan	*75=Inventory	
											*$275=loan	

*$160 FY21 paving budget

*$60= 5 yr loan

* Br 7 & Mtn 20 year loan

Non-Highway Infrastructure Projects (K dollars)

FISCAL YEAR	*Garage *General Reserve	Tomasi Meadow	TH Great Room	TH Parking lot	Highway Garage/Shed	*Flats Sidewalk	Casey's Hill lot	Town Pond Fence&Play	TH Server	PO Roof
2019	221									
2020	221									
2021	189	20	12							
2022	101			30		78				
2023	61		30		30					
2024	81									
2025	101									
2026	101								20	
2027	121									
2028	141									
2029	146									15
							Use ARPA	Use ARPA		

*50K from surplus

*FY20 Gen Reserve=$191,000
- Cont=88,Bldg=50,MG=15,SW=38

*2022 SW Excess= Total cost(589)-Fed/State grant(423+38=461)- SW reserve(38)=90

* Recommend using 50K surplus and 40k reserve to cover excess

*FY21 Highway Garage reserve = $30K

* Includes $20K / year add

Dec 2,2021

Paving Projects (K dollars)

FISCAL YEAR	Project Total	OL River	SOL River Meadow/Sugar	SOL Green / Krug (15) PV 6,(135)	SOL NU Station	Grind/SOL Park Storm drains(60) Park Pave(50)	*Reclaim PV 3	SOL Sand Hill(45) Stevens(120)	SOL Beartown(60) Range(100) PV7(70)	SOL Irish Set	SOL PV 4	SOL PV 1,2,5	SOL Poker(145) Mountain(60)
2019	100	100											
2020	97		90			7							
2021	0												
2022	368			195	113	60							
2023	215					50		165					
*2024	230								230				
*2025	150						150						
2026	170									170			
2027	190										190		
*2028	285	150										135	
2029	150	150											
2030	205												205
2031	120		120										
Expected Grants ->							$200					$200	

Year paving done with 1 year loan to delay spending to next FY

* Assessing ledge removal vs sign cost

Changes from 2021 10 year outlook

Summary Section

o Added 2030/31 fiscal years
o Inceased spending target from $10 to 20K per year FY24 -->

Equipment Section

o Minor price adjustments
o F350 replacement cycle changed to 7 years
o 2018 replacement moved in by 1 year to FY27
o FY 24 Mowing machine added. Need to refine cost & Jericho share

Infrastructure Section
Highway
o English Settlement moved from FY21 to FY22 and FY23 to FY24
o NUS culvert repair added to FY23/24 ($40k)
o PV7 bridge delayed 1 year to FY24
o Combined Mtn and Br7 financing into 20 year bond
o Adjusted structures grants from $175 to 200K
o Removed FY23 Irish & added $250k FY26 gravel road repair(TBD)

Non-Highway
o Sidewalk moved from Highway to General. Reserve use increased from 38 to 78 plus $50k from sur
o Increased annual contribution from $10 to 20K
o Removed Moore Park
o Added use of ARPA funds for Town Pond
o Added Casey's hill parking lot expansion Use ARPA funds

Paving Section

o Updated actual FY22 paving costs
o Delayed PV3 by 1 year to FY24
o Recombined & pulled in Beartown,Range,Sand Hill,Stevensville,Range road paving to FY23
o Incorporated a 1 year loan for all paving to advance work by 1 FY
o Adjusted paving grants from $175 to 200K

Added tab for 7 vs 10 year truck life analysis

Cost comparison for 7 vs 10 truck life

			<---		7 Year Life		--->	<---		10 Year Life		--->
	7 year	10 year	$175	$200-25	$203-25	$217-25	65-No TI	$175	$200-25	$203-25	$217-25	65-No TI
FISCAL	Equip	Equip	Single	Double	Double	Double		Single	Double	Double	Double	F350
YEAR	Total	Total	2015	2018	2021	2022	*F350	2015	2018	2021	2022	2020
2021	32	32		32					32			
2022	46	46		32			14		32			14
2023	79	53	30		35		14			39		14
2024	117	95	30		35	38	14			39	42	14
2025	117	95	30		35	38	14			39	42	14
2026	157	132	30	40	35	38	14	37		39	42	14
2027	143	118	30	40	35	38		37		39	42	
2028	78	79		40		38		37			42	
2029	55	80		40			15	37	43			
2030	135	80	37	40	43		15	37	43			
2031	142	43	37		43	47	15		43			
2032	142	62	37		43	47	15		43			19
2033	191	114	37	49	43	47	15		43	52		19
2034	176	127	37	49	43	47				52	56	19
2035	96	127		49		47				52	56	19
Total	1706	1283										

* 7 year pricing assumes 10% lower price for $20K higher Trade In

*Interest rate = 3%

* No body replacements in the 10 year life model