

Indian Rest South Plowing Expense Comparisons — 2019/2020

Costs for 26 runs and 19 runs, Wetty pre-storm sanding estimate reduced from 5x-6x to 3x-4x

Cost scenario	Description	Total	%		Buckbee	Ruszek/White	Hafner	Stuart	Crawford
			All runs	Hybrid	1	2	3	4	5
Costs - pro lowest 26 runs	2019/2020 costs - 26 runs at lowest pro rate (Wetty)	3,483	100.0%	--	127	211	567	1,231	1,278
Costs - pro lowest 19 runs	2019/2020 costs - 19 runs at lowest pro rate	2,584	74.2%	100.0%	96	159	425	923	948
Costs - 70% pro lowest	2019/2020 costs - 26 runs at 70% lowest pro rate	2,438	70.0%	94.4%	89	148	397	862	895
Costs - 70% pro avg, no cleanup	2019/2020 costs - full runs at 70% avg. of pro rates, <i>no cleanup runs</i>	2,057	59.1%	79.6%	78	130	348	755	755
Costs - proposed 26 runs	2019/2020 costs - 26 runs total, full runs at \$190, <i>cleanup runs free</i>	2,090	60.0%	80.9%	79	132	353	767	767

- Goals:
- Find an arrangement for plowing that costs substantially less than professional rates for the same work.
 - Include plow runs to keep the road scraped down so that thick layers of ice don't build up over time.
 - Without seasonal residents having to worry about paying extra for plow runs that only full-time residents need.
 - And without anyone having to worry if a cleanup run is being done to pad the season's billing.

General notes: [Cost comparisons are in descending order. The proposed rate at the bottom is about 60% of Wetty's full rate for all 26 runs, and 81% of Wetty costs for 19 runs \(say, if we take our chances and eliminate half the mid-storm/cleanup/scrapedown runs\).](#)

Quotation notes: Wetty's quote of \$50 to move snow banks 2x-3x per year is averaged out to \$10/run, pre-storm plow safety sandings at **3x-4x** per year, reduced from Wetty's estimate of 5x-6x per year.

Calculation notes: Plow quote numbers from three professionals are on "Plow quotes" page 2. These quotes feed into the cost calculations for the actual 2019/2020 runs on pages 3-5. Percentage payments for each lot are calculated on the "Percentages" page 6, based upon the segment ownership and lengths on the "Segments" page 7.

Plow quotes from professional plowing contractors

Cost for full runs only: 12 full plow runs, no cleanup runs, from mailboxes to 17 Peboniwi

Contractor	Total plow runs	Plow runs, initial increment	Plow charge first increment	Additional runs	Charge per run additional	Plow charge additional	Requisite sandings	Charge per sanding	Sanding charge	Total	Average
Wetty	12	-	-	12	110	1,320	3	125	375	1,695	141
Coastal	12	-	-	12	240	2,880	7	175	1,225	4,105	342
Jerolds	12	-	-	12	225	2,700	15	120	1,800	4,500	375
										Average overall	286
										Minimum overall	141
										70% of average overall	200

Cost for all runs: 26 plow runs performed 2019/2020, from mailboxes to 17 Peboniwi

Contractor	Total plow runs	Plow runs, initial increment	Plow charge first increment	Additional runs	Charge per run additional	Plow charge additional	Requisite sandings	Charge per sanding	Sanding charge	Total	Average
Wetty	26	-	-	26	110	2,860	4	125	500	3,360	129
Coastal	26	-	-	26	240	6,240	12	175	2,100	8,340	321
Jerolds	26	-	-	26	225	5,850	27	120	3,240	9,090	350
										Average overall	267
										Minimum overall	129
										70% of average overall	187

Cost for full runs + 1/2 cleanup runs: 19 plow runs performed 2019/2020, from mailboxes to 17 Peboniwi

Contractor	Total plow runs	Plow runs, initial increment	Plow charge first increment	Additional runs	Charge per run additional	Plow charge additional	Requisite sandings	Charge per sanding	Sanding charge	Total	Average
Wetty	19	-	-	19	110	2,090	4	125	500	2,590	136
Coastal	19	-	-	19	240	4,560	12	175	2,100	6,660	351
Jerolds	19	-	-	19	225	4,275	27	120	3,240	7,515	396
										Average overall	294
										Minimum overall	136
										70% of average overall	206

**Plow costs 2019/2020 - proposed - 26 runs - \$190 for full plow runs,
Cleanup runs at no charge**

Date	Time	Action	Description	Performed by	Share type	Segments					Total	Costs						
						Buckbee	Ruszczek/White	Hafner	Stuart	Crawford		1	2	3	4	5		
2019/11/14	15:00	maintenance	dig out culverts, cut roadside brush, leafblow road and ditches	crawford	turns			x	x	x								
2019/11/15	16:00	maintenance	"	crawford	turns					x	x							
2019/12/03	09:00	plow	interim run	crawford	cost	x	x	x	x	x								
2019/12/03	16:00	plow	plow run	crawford	cost	x	x	x	x	x	190.00	7.22	11.97	32.11	69.73	69.73		
2019/12/04	09:00	plow	cleanup	crawford	cost	x	x	x	x	x								
2019/12/06	09:00	plow	plow run	crawford	cost	x	x	x	x	x								
2019/12/17	14:00	plow	plow run	crawford	cost	x	x	x	x	x	190.00	7.22	11.97	32.11	69.73	69.73		
2019/12/30	19:30	plow	interim run	crawford	cost	x	x	x	x	x								
2019/12/31	06:30	plow	plow run	crawford	cost	x	x	x	x	x	190.00	7.22	11.97	32.11	69.73	69.73		
2019/12/31	16:30	plow	plow run	crawford	cost	x	x	x	x	x	190.00	7.22	11.97	32.11	69.73	69.73		
2020/01/01	09:00	plow	cleanup	crawford	cost	x	x	x	x	x								
2020/01/04	15:00	plow	cleanup - scrapedown of loose slush	crawford	cost	x	x	x	x	x								
2020/01/07	22:00	plow	cleanup - scrapedown of loose slush	crawford	cost	x	x	x	x	x								
2020/01/09	16:00	plow	cleanup - scrapedown of loose slush	crawford	cost	x	x	x	x	x								
2020/01/14	14:30	plow	plow run	crawford	cost	x	x	x	x	x	190.00	7.22	11.97	32.11	69.73	69.73		
2020/01/16	15:00	plow	interim run	crawford	cost	x	x	x	x	x								
2020/01/16	20:00	plow	plow run	crawford	cost	x	x	x	x	x	190.00	7.22	11.97	32.11	69.73	69.73		
2020/01/17	09:30	plow	cleanup	crawford	cost	x	x	x	x	x								
2020/01/19	20:00	plow	plow run	crawford	cost	x	x	x	x	x	190.00	7.22	11.97	32.11	69.73	69.73		
2020/01/20	09:00	plow	cleanup	crawford	cost	x	x	x	x	x								
2020/02/06	16:30	plow	plow run	crawford	cost	x	x	x	x	x	190.00	7.22	11.97	32.11	69.73	69.73		
2020/02/07	10:00	plow	cleanup	crawford	cost	x	x	x	x	x								
2020/02/07	17:00	plow	plow run - additional buildup of 1"-3" of ice/sleet/slush	crawford	cost	x	x	x	x	x	190.00	7.22	11.97	32.11	69.73	69.73		
2020/02/13	16:30	plow	plow run	crawford	cost	x	x	x	x	x	190.00	7.22	11.97	32.11	69.73	69.73		
2020/02/14	09:00	plow	cleanup	crawford	cost	x	x	x	x	x								
2020/02/19	16:40	plow	plow run	crawford	cost	x	x	x	x	x	190.00	7.22	11.97	32.11	69.73	69.73		
2020/02/19	22:30	plow	cleanup - storm remainder, scrapedown of loose slush	crawford	cost	x	x	x	x	x								
2020/02/20	06:30	plow	cleanup - scrapedown of loose slush	crawford	cost	x	x	x	x	x								
2020/02/20	12:00	plow	cleanup - scrapedown of loose slush (crawfords-only)	crawford	cost					x								
											2,090	79	132	353	767	767		
				plow cost - full	190.00													
				plow cost - mid-storm/scrapedown	0.00													

Plow costs 2019/2020 - price for all 26 runs at lowest pro rate

Date	Time	Action	Description	Performed by	Share type	Segments					Total	Costs				
						Buckbee	Ruszczek/White	Hafner	Stuart	Crawford		Buckbee	Ruszczek/White	Hafner	Stuart	Crawford
						1	2	3	4	5		1	2	3	4	5
2019/11/14	15:00	maintenance	dig out culverts, cut roadside brush, leafblow road and ditches	crawford	turns			x	x	x						
2019/11/15	16:00	maintenance	"	crawford	turns					x	x					
2019/12/03	09:00	plow	interim run	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2019/12/03	16:00	plow	plow run	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2019/12/04	09:00	plow	cleanup	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2019/12/06	09:00	plow	plow run	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2019/12/17	14:00	plow	plow run	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2019/12/30	19:30	plow	interim run	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2019/12/31	06:30	plow	plow run	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2019/12/31	16:30	plow	plow run	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2020/01/01	09:00	plow	cleanup	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2020/01/04	15:00	plow	cleanup - scrapedown of loose slush	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2020/01/07	22:00	plow	cleanup - scrapedown of loose slush	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2020/01/09	16:00	plow	cleanup - scrapedown of loose slush	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2020/01/14	14:30	plow	plow run	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2020/01/16	15:00	plow	interim run	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2020/01/16	20:00	plow	plow run	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2020/01/17	09:30	plow	cleanup	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2020/01/19	20:00	plow	plow run	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2020/01/20	09:00	plow	cleanup	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2020/02/06	16:30	plow	plow run	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2020/02/07	10:00	plow	cleanup	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2020/02/07	17:00	plow	plow run - additional buildup of 1"-3" of ice/sleet/slush	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2020/02/13	16:30	plow	plow run	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2020/02/14	09:00	plow	cleanup	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2020/02/19	16:40	plow	plow run	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2020/02/19	22:30	plow	cleanup - storm remainder, scrapedown of loose slush	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2020/02/20	06:30	plow	cleanup - scrapedown of loose slush	crawford	cost	x	x	x	x	x	129.00	4.90	8.13	21.80	47.34	47.34
2020/02/20	12:00	plow	cleanup - scrapedown of loose slush (crawfords-only)	crawford	cost					x	129.00					47.34
											3,483	127	211	567	1,231	1,278
				plow cost - full	129.00											
				plow cost - mid-storm/scrapedown	129.00											

Plow costs 2019/2020 - price for 19 runs at lowest pro rate

Date	Time	Action	Description	Performed by	Share type	Segments					Total	Costs				
						Buckbee	Ruszczek/White	Hafner	Stuart	Crawford		Buckbee	Ruszczek/White	Hafner	Stuart	Crawford
						1	2	3	4	5		1	2	3	4	5
2019/11/14	15:00	maintenance	dig out culverts, cut roadside brush, leafblow road and ditches	crawford	turns			x	x	x						
2019/11/15	16:00	maintenance	"	crawford	turns					x	x					
2019/12/03	09:00	plow	interim run	crawford	cost	x	x	x	x	x	68.00	2.58	4.28	11.49	24.96	24.96
2019/12/03	16:00	plow	plow run	crawford	cost	x	x	x	x	x	136.00	5.17	8.57	22.98	49.91	49.91
2019/12/04	09:00	plow	cleanup	crawford	cost	x	x	x	x	x	68.00	2.58	4.28	11.49	24.96	24.96
2019/12/06	09:00	plow	plow run	crawford	cost	x	x	x	x	x	68.00	2.58	4.28	11.49	24.96	24.96
2019/12/17	14:00	plow	plow run	crawford	cost	x	x	x	x	x	136.00	5.17	8.57	22.98	49.91	49.91
2019/12/30	19:30	plow	interim run	crawford	cost	x	x	x	x	x	68.00	2.58	4.28	11.49	24.96	24.96
2019/12/31	06:30	plow	plow run	crawford	cost	x	x	x	x	x	136.00	5.17	8.57	22.98	49.91	49.91
2019/12/31	16:30	plow	plow run	crawford	cost	x	x	x	x	x	136.00	5.17	8.57	22.98	49.91	49.91
2020/01/01	09:00	plow	cleanup	crawford	cost	x	x	x	x	x	68.00	2.58	4.28	11.49	24.96	24.96
2020/01/04	15:00	plow	cleanup - scrapedown of loose slush	crawford	cost	x	x	x	x	x	68.00	2.58	4.28	11.49	24.96	24.96
2020/01/07	22:00	plow	cleanup - scrapedown of loose slush	crawford	cost	x	x	x	x	x	68.00	2.58	4.28	11.49	24.96	24.96
2020/01/09	16:00	plow	cleanup - scrapedown of loose slush	crawford	cost	x	x	x	x	x	68.00	2.58	4.28	11.49	24.96	24.96
2020/01/14	14:30	plow	plow run	crawford	cost	x	x	x	x	x	136.00	5.17	8.57	22.98	49.91	49.91
2020/01/16	15:00	plow	interim run	crawford	cost	x	x	x	x	x	68.00	2.58	4.28	11.49	24.96	24.96
2020/01/16	20:00	plow	plow run	crawford	cost	x	x	x	x	x	136.00	5.17	8.57	22.98	49.91	49.91
2020/01/17	09:30	plow	cleanup	crawford	cost	x	x	x	x	x	68.00	2.58	4.28	11.49	24.96	24.96
2020/01/19	20:00	plow	plow run	crawford	cost	x	x	x	x	x	136.00	5.17	8.57	22.98	49.91	49.91
2020/01/20	09:00	plow	cleanup	crawford	cost	x	x	x	x	x	68.00	2.58	4.28	11.49	24.96	24.96
2020/02/06	16:30	plow	plow run	crawford	cost	x	x	x	x	x	136.00	5.17	8.57	22.98	49.91	49.91
2020/02/07	10:00	plow	cleanup	crawford	cost	x	x	x	x	x	68.00	2.58	4.28	11.49	24.96	24.96
2020/02/07	17:00	plow	plow run - additional buildup of 1"-3" of ice/sleet/slush	crawford	cost	x	x	x	x	x	136.00	5.17	8.57	22.98	49.91	49.91
2020/02/13	16:30	plow	plow run	crawford	cost	x	x	x	x	x	136.00	5.17	8.57	22.98	49.91	49.91
2020/02/14	09:00	plow	cleanup	crawford	cost	x	x	x	x	x	68.00	2.58	4.28	11.49	24.96	24.96
2020/02/19	16:40	plow	plow run	crawford	cost	x	x	x	x	x	136.00	5.17	8.57	22.98	49.91	49.91
2020/02/19	22:30	plow	cleanup - storm remainder, scrapedown of loose slush	crawford	cost	x	x	x	x	x	68.00	2.58	4.28	11.49	24.96	24.96
2020/02/20	06:30	plow	cleanup - scrapedown of loose slush	crawford	cost	x	x	x	x	x	68.00	2.58	4.28	11.49	24.96	24.96
2020/02/20	12:00	plow	cleanup - scrapedown of loose slush (crawfords-only)	crawford	cost					x	68.00					24.96
											2,584	96	159	425	923	948
				plow cost - full	136.00											
				plow cost - mid-storm/scrapedown	68.00											

Share percentage calculations

	Buckbee	Ruszczek/White	Hafner	Stuart	Crawford	Kramer	Crawford	
Costs	1	2	3	4	5	6	7	Total
Everything								
Segment included?	x	x	x	x	x	x	x	
Segment footage	75	50	215	400	300	60	300	1,400
Owner footage	75	125	340	740	1,040	1,100	1,400	4,820
Owner contributes?	x	x	x	x	x	x	x	
Contrib footage	75	125	340	740	1,040	1,100	1,400	4,820
percentage	1.7%	2.7%	7.2%	15.5%	21.7%	22.9%	29.1%	
Plowing								
Segment included?	x	x	x	x				
Owner footage	75	125	340	740	-	-	-	1,280
Owner contributes?	x	x	x	x	x			
Contrib footage	75	125	340	740	740	-	-	2,020
percentage	3.8%	6.3%	16.9%	36.7%	36.7%	0.0%	0.0%	
Paved road								
Segment included?	x	x						
Owner footage	75	125	-	-	-	-	-	200
Owner contributes?	x	x	x	x	x			
Contrib footage	75	125	125	125	125	-	-	575
percentage	13.1%	21.8%	21.8%	21.8%	21.8%	-	-	
Gravel to 17 Peboniwi								
Segment included?			x	x				
Segment footage	-	-	175	250	-	-	-	425
Owner footage	-	-	175	425	-	-	-	600
Owner contributes?			x	x	x			
Contrib footage	-	-	175	425	425	-	-	1,025
percentage	-	-	17.2%	41.6%	41.6%	-	-	

Segment lengths

Segment	Description	Length	Cumulative	Qualifying Lots that Access the Segment
1	End of public Indian Rest Rd. to 250 Indian Rest Rd. (paved)	75	75	Lot 116, Tax Map 50 (Buckbee) Lot 114, Tax Map 50 (Ruszczek/White) Lot 110, Tax Map 50 (S. Habana-Hafner Revocable Living Trust) Lot 126, Tax Map 50 (Stuart) Lot 146, Tax Map 50 (Crawfords) Lot 135, Tax Map 50 (Kramers) Lot 136, Tax Map 50 (J.M. Crawford)
2	250 Indian Rest Rd. to 254 Indian Rest Rd. (paved)	50	125	Lot 114, Tax Map 50 (Ruszczek/White) Lot 110, Tax Map 50 (S. Habana-Hafner Revocable Living Trust) Lot 126, Tax Map 50 (Stuart) Lot 146, Tax Map 50 (Crawfords) Lot 135, Tax Map 50 (Kramers) Lot 136, Tax Map 50 (J.M. Crawford)
3	254 Indian Rest Rd. to 275 Indian Rest Rd. (gravel)	215	340	Lot 110, Tax Map 50 (S. Habana-Hafner Revocable Living Trust) Lot 126, Tax Map 50 (Stuart) Lot 146, Tax Map 50 (Crawfords) Lot 135, Tax Map 50 (Kramers) Lot 136, Tax Map 50 (J.M. Crawford)
4	275 Indian Rest Rd. to 17 Peboniwi Ledge (gravel/paved)	400	740	Lot 126, Tax Map 50 (Stuart) Lot 146, Tax Map 50 (Crawfords) Lot 135, Tax Map 50 (Kramers) Lot 136, Tax Map 50 (J.M. Crawford)
5	17 Peboniwi Ledge to 28 Peboniwi Ledge (gravel)	300	1040	Lot 146, Tax Map 50 (Crawfords) Lot 135, Tax Map 50 (Kramers) Lot 136, Tax Map 50 (J.M. Crawford)
6	28 Peboniwi Ledge to Lot 135 Peboniwi Ledge (gravel)	60	1100	Lot 135, Tax Map 50 (Kramers) Lot 136, Tax Map 50 (J.M. Crawford)
7	Lot 135 Peboniwi Ledge to Lot 136 Peboniwi Ledge (gravel)	300	1400	Lot 136, Tax Map 50 (J.M. Crawford)