

**Greene Board of Selectmen
Regular Meeting
April 28, 2003**

Minutes will not become official until accepted at the next Regular Selectmen's Meeting May 12, 2003.

Members present: Ronald Grant – Chairman, Timothy Doyle, Maurice Levasseur, Stephen Eldridge – Town Manager, and Sally Ann Hebert – Recording Secretary.

Members absent: Kevin Mower (family emergency), Mark Christman (ill).

Others present: Barbara Bubier, Patricia Rose, Robert Coady, and Kevin Doyle, Road Foreman.

I. Call to Order 7:00 PM

Ron Grant called the meeting to order at 7:00 PM.

II. Public Discussion

Pat Rose thanked the Highway crew for their assistance in putting the books on pallets.

III. Acceptance of Minutes – April 14, 2003

Timothy Doyle motioned to waive the reading of the minutes, to approve the acceptance of the minutes of the April 28th meeting upon signature of Chairman, Ronald Grant. Maurice Levasseur 2nd the motion. Vote was unanimous. Motion passed.

IV. Unfinished Business

a. Treasurer's Report

Steve reported the balance is \$323,608.89 as of April 28th. Steve will be watching the cash flow very closely until tax monies comes in. He has applications from different tax anticipation loans and the different rates.

The Board would like Steve to see if the Town could borrow for the Fire Station Building Fund to pay bills until the 2003 taxes go out.

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b. **Roads**

Steve reported that the highway crew is out sweeping the roads. They have been working at the Transfer Station moving ash to transfer to Norridgewock; moving the tire pile, rearranging items for the flow of traffic to go better.

The roof is one the old sand/salt shed and looks really nice. There will be a cage around the open area for security. Steve is to get a list of people from Randall Hanson that assisted him in this project and to send them letter thanking them.

c. **Town Office Space Committee**

Steve is to set up a meeting with Kevin Mower, Arthur Lawrence, Joyce Houle, Carol Buzzell, Sally Ann Hebert, Michael Stephanak and Bruce Tufts to discuss the needs and square footage of the office. What is the need of space for the next 50 years? Timothy Doyle motioned to accept the committee and any other volunteers that would like to be put on the committee. Maurice Levasseur 2nd the motion. Vote was unanimous. Motion passed.

d. **Fire Station Construction**

Steve reported that the foundation is done, the compaction tests have been passed, radiant heat tubing is being placed in the floor and the slab should be poured by next Wednesday.

There has been a change in drainage onto the Sedgley Road to revert the water to Patten Road. The Building will be going up in two weeks.

Steve has checked with Keith Whitaker and Scott Braley and they do not feel that there is a need for clerk of works. This is a basic structure with bay area and cement blocks. Cameras will be set up to tape the project. Keith stops in twice a week to check on the project. There is a meeting scheduled once a week between Steve, Bruce, Scott and Charlie Allen (Glen Builders).

e. **Dispatch**

Maurice Levasseur motioned to solicited bids from Lewiston/Auburn dispatch, Maine State Police, United Ambulance, Winthrop Dispatching, Androscoggin County Sheriff Department. Timothy Doyle 2nd the motion. Vote was unanimous. Motion passed.

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f. **Other**

Timothy Doyle reported that the scholarship committee met with him and Brenda Theriault in attendance. The scholarship is named the Greene Community Scholarship. The committee will meet May 30th after the applications go out to the school and are returned. The committee will review and make their recommendation to the Board of Selectmen. Timothy Doyle motioned to appoint Tammy Anderson, Jim Weston, Christos Gianopoulos, Brenda Theriault, and himself to the Greene Community Scholarship Committee. Maurice Levasseur 2nd the motion. Vote was unanimous. Motion passed.

Steve is collect information on impact fees for new construction in Greene and also how to slow down the growth in Greene with a building moratorium.

V. **New Business**

a. **Kevin Doyle – Salt and Sand**

Kevin Doyle presented the Board of Selectmen comparison sheets on how to sand/salt the roads efficiently and cost effective for the Town of Greene.

He presented the Board with a system to try on the trucks to try on the high traffic areas. This can be retrofitted to two trucks – this will tell what, where and how much sand/salt/calcium to put on. The Board gave the Town Manager authority to squeeze one out of the budget this year and place one in the 2004 budget.

b. **MSAD/Communities Grant**

Timothy Doyle motioned to have Steve proceed with the Melmac Education Foundation with Dick Strong from Leavitt Guidance office, Jane Wheeler from Leeds and Jim Caitlin from Turner. Maurice Levasseur 2nd the motion. Vote was unanimous. Motion passed.

c. **Land for Maine Futures/Hooper Pond**

Steve reported that Hooper Pond is a finalist in the Land for Maine Future project. This is a project that the Androscoggin Land Trust took to the Land for Maine's Future Board.

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d. Tri-Town Selectmen Meeting-Leeds

The Board of Selectmen will be meeting with the Selectmen from Leeds and Turner. Peter Coughlin from MDOT is going to talk on the URIP program and the move to have the municipalities provide more funding.

Steve and Jim Caitlin, Turner Town Manager is attending the worksession on roads.

e. Legal-George Courbron

The Board will meet in Executive Session at the close of the meeting.

f. Other

Steve announced that the Office computers would be down on May 1st from 9AM to 11AM to upgrade to Trio Windows program.

Ron Grant and Mike Stephanak would like Adelphia franchise agreement to be put on the next meetings agenda.

Ron Grant and Steve attended the School Board budget meeting. They came away with a feeling the school budget will be better than expected.

Thomas Hanson from Monmouth has been hired as the new Superintendent of MSAD 52.

There will be a public hearing in Greene, Turner and Leeds during May to discuss the building referendum being voted on in September; so that the residents will be informed.

VI. Committee Reports

Steve reported that the Library Expansion Committee has met and reviewed the design changes and how funding will be raised.

VII. CEO Report

The Board asked for a monthly report.

VIII. Assessment Questions & Abatements

There was nothing to report at this meeting.

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IX. Announcements

Ron read the announcements aloud.

Timothy Doyle motioned to sign Paul Chabot's consent agreement release for the Planning Board. Maurice Levasseur 2nd the motion. Vote was unanimous. Motion passed.

X. Selectmen Acceptance & Signing of Weekly Warrant

Timothy Doyle motioned to sign the Julia Adams Morse Warrant of \$ 849.69. Maurice Levasseur 2nd the motion. Vote was unanimous. Motion passed

Timothy Doyle motioned to sign the Ella Augusta Thompson Warrant of \$ 4,208.52. Maurice Levasseur 2nd the motion. Vote was unanimous. Motion passed

Timothy Doyle motioned to sign the Town of Greene Warrant of \$ 33,840.48. Maurice Levasseur 2nd the motion. Vote was unanimous. Motion passed

XI. Adjournment

Maurice Levasseur motioned to adjourn to Executive Session to discuss George Courbron Legal Issue. Timothy Doyle 2nd the motion. Vote was unanimous. Motion passed.

The Board adjourned to Executive Session at 8:37 PM.

The Board adjourned Executive Session at 8:49PM.

Meeting adjourned 8:50 PM.

Respectfully submitted,


Sally Ann Hebert
Recording Secretary

Approved and accepted,


Ronald Grant, Chairman
Board of Selectmen

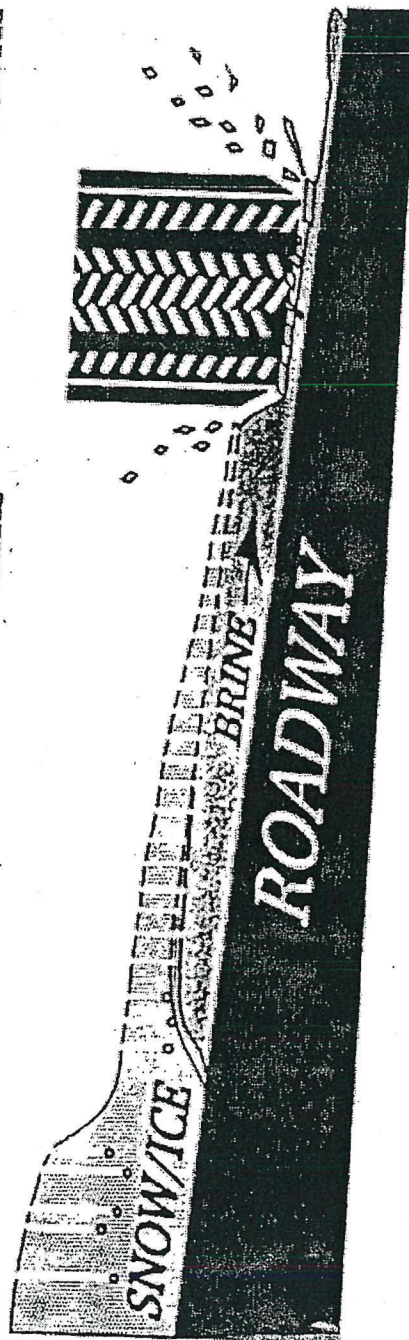
Prevent Pack-Don't Melt it

- $\frac{1}{4}$ Inch of Pack/Mile = 70 tons
- To melt @ 25°
Salt = 5 tons
or 10,000 lbs
- To prevent, apply 3 applications of pre-wetted salt at a rate of 500 #'s per lane
mile = 1,500 lbs.

What's Happening?

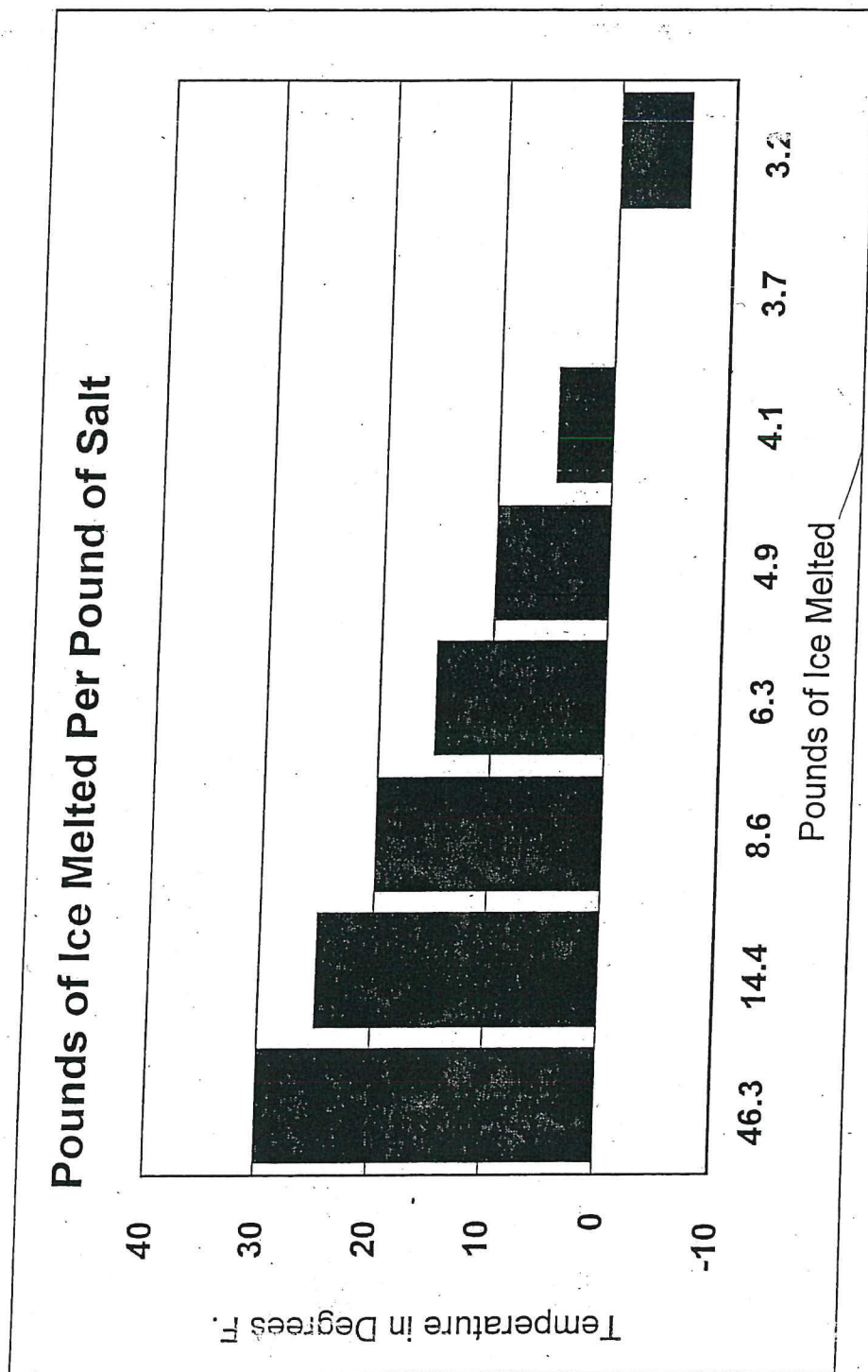
WINTER MAINTENANCE MATERIALS

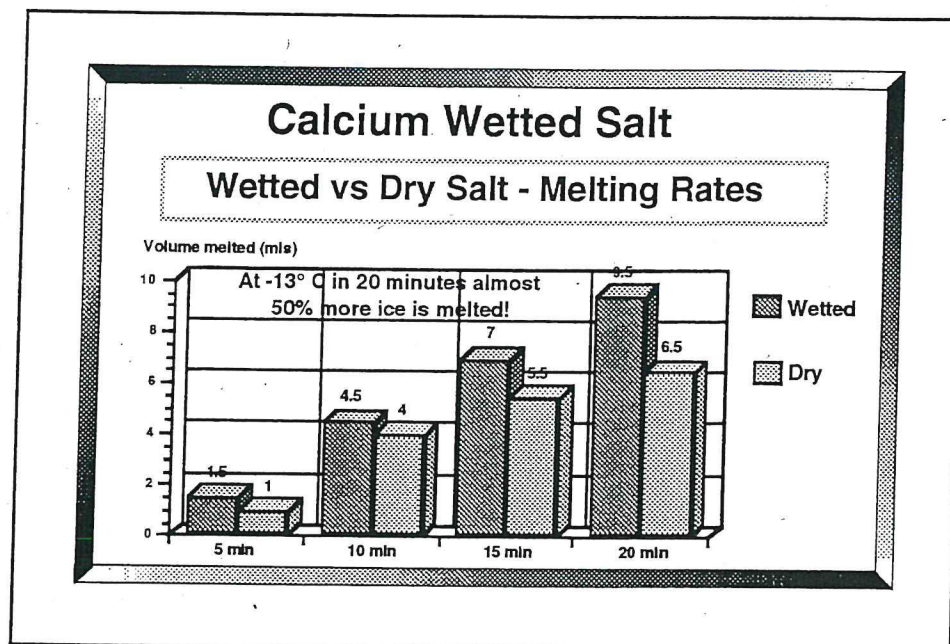
- 1 Salt is spread on surface
- 2 Salt melts through snow/ice, forming brine
- 3 Remaining snow/ice floats on brine, breaking bond with road surface
- 4 Vehicular traffic breaks through the surface, reducing the snow/ice to plowable slush and moving it to sides of road



Salt/Brine Action on Road Surface

Melting Rates





This chart shows the melting rates of wetted salt vs. dry salt.

It is most obvious at -13°C (8.6°F) at 20 minutes. Here approximately 46% more ice is melted by wetted salt.

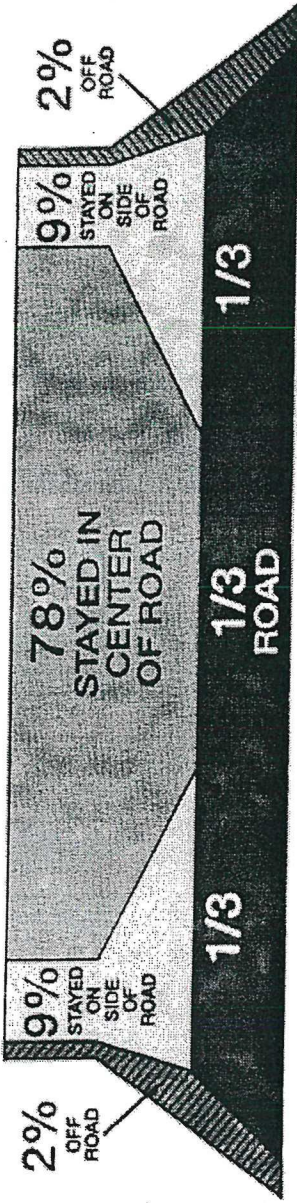
Wetted salt allows the ice to melt before the plows come through. Dry salt would be plowed right into the ditch leaving the ice still frozen on the road.

Higher melting rates result in a reduced number of application runs.

Source: "Natural Brine as an additive to Abrasive Materials and Deicing Salts" R. Eck, W. Sack, R. Tickle. Transportation Research Record #1127

Bounce Scatter Study

Typical Scatter: Rock Salt Pre-wetted With Calcium Chloride (32%)



When spread down the center of the road, 96% of the rock salt pre-wetted with calcium chloride stayed on the road and 78% stayed in the center of the road.²

Typical Scatter: Rock Salt



When spread down the center of the road, only 70% of the rock salt stayed on the road, with a smaller percentage, 46% staying in the center.²

²Based on the results of the Michigan Department of Transportation test.

How Much Salt is Working?

- Dry @ 500 lb per mile
 - 46% or 230lbs
 - Retained
 - 5 cars @ 38mph
 - 30% or 69lbs
 - Retained
 - 100 cars@ 38mph
 - 15% or 10.5 lbs
 - That's all
- Wet @ 500lb per mile
 - 78% or 390lbs
 - Retained
 - 5 cars @ 38mph
 - 93% or 363 lbs
 - retained
 - 100 cars @ 38 mph
 - 80% or 290 lbs

<u>Description</u>	<u>Time</u>	<u>People</u>	<u>Hourly rate</u>	<u>Totals</u>
sweeping up sa	480 hours	4	\$16.00	\$7,680.00
equipment costs (operat)				\$1,200.00
ditching costs-l	960 hours	4	\$16.00	\$15,360.00
ditching equipm	960 hours	4 pieces	\$120.00	\$115,200.00
erosion control & replmt				<u>\$500.00</u>
				\$139,940.00
			TOTAL	\$189,783.00

The chart is a bar graph with the title "sand/salt comparison". The vertical axis (y-axis) represents monetary values, ranging from \$0.00 to \$200,000.00 in increments of \$50,000.00. The horizontal axis (x-axis) has a single label "1". There are two bars: a light gray bar for "Series1" and a dark gray bar for "Series2". Series1 reaches a value of approximately \$45,000.00, while Series2 reaches a value of approximately \$185,000.00.

Series	Value
Series1	\$45,000.00
Series2	\$185,000.00

MAINE D.O.T. - SALT APPLICATION RATES

Current Pavement Temperature Range (F)	Anticipated Pavement Temperature Change (Higher or Lower)	Precipitation Type / Severity	Application Rate Pounds per Two Lane Mile	Recommended Treatment	Comments
ABOVE 32	Higher	4, 6, 8 / Light	None		
	Lower	4, 6, 8 / Moderate to Heavy	100 to 200	Initial Application, reapply as needed	Use Pre-wet System
25 to 32	Higher	5, 6, 7, 8 / Light	200 to 300		
	Higher	5, 6, 7, 8 / Moderate to Heavy	200 to 300	Initial Application	
	Lower	5, 6, 7, 8 / Light	200 to 400	Plow / Reapply	Pre-wet @ 6 gals per ton
	Lower	5, 6, 7, 8 / Moderate to Heavy	200 to 400	as needed	
20 to 25	Higher	6, 7, 8 / Light	300 to 500		
	Higher	6, 7, 8 / Moderate to Heavy	300 to 500	Initial Application	
	Lower	6, 7, 8 / Light	400 to 600	Plow / Reapply	Pre-wet @ 8 gals per ton
	Lower	6, 7, 8 / Moderate to Heavy	400 to 600	as needed	
15 to 20	Higher	6, 7 / Light	500 to 700		
	Higher	6, 7 / Moderate to Heavy	500 to 700	Initial Application	
	Lower	6, 7 / Light	700 to 800	Plow / Reapply	Pre-wet @ 10 gals per ton
	Lower	6, 7 / Moderate to Heavy	700 to 800	as needed	
15 or Below				Apply sand and Plow as needed	Monitor Pavement Temperature Switch to Salt if Rising above 15 Deg. F

If Snow is blowing off roadway and no hard pack exists, do not apply

Weather Conditions

(4) = Rain (5) = Freezing Rain (6) = Sleet (7) = Dry Snow (8) = Wet Snow

Date	Truck #	Sand	Salt	CaCl ₂	Hours F. Hours Pt
10-16-02	4 trucks	590 yds	13 yds	0 gal	72 full 21 hrs pt
11-22-02	4 trucks	52 yds	9 yds	0 gal	15 hrs fu
11-27-02	4 trucks	51 yds	8 yds	0 gal	18 hrs
12-13/14-02	all 4 / 2 to finish	270 yds	14 yds	45 gal	70 hrs
12-20-02	all 4 trucks	88 yds	8 yds	95 gal	32 reg
12-21-02	4 trucks C&R	116 yds	10 yds	0 gal	8 ot
12-25-02	4 full time trucks	141 yds	9 yds	90 gal	78 hrs
01-01-03	4 full time trucks	205 yds	20 yds	225 gal	52 hrs
01-04-03	4 full time 2 PT	188 yds	28 yds	225 gal	53 hrs
01-26/27-03	4 ft 2 pt	185 yds	19 yds	45 gal	68 full 16 hrs
02-02-03	4 full time 1 pt	251 yds	20 yds	335 gal	55 ft 16 hrs pt
02-06-03	4 ft 1 pt	243 yds	19 yds	240 gal	56 ft 12 pt
02-10-03	4 ft	143 yds	10 yds	0 gal	32 reg
02-18-03	4 ft	194 yds	18 yds	135 gal	32 reg 24c
02-22-03	4 full time 2 pt	384 yds	17 yds	0 gal	69 hrs 0 15 hrs p
03-04-03	4 full time	114 yds	11 yds	0 gal	24 ft 0 6 hrs pt
03-06-03	pt 2, 3 ft	384 yds	17 yds	160 gal	54 ft 24 pt
04-05-03	ft	96 yds	9 yds	210 gal	16 hrs

to date #s 3565 yds 259 yds 1805 gal 828 hrs 133 hrs

per storm average 198.2 yds 14.38 yds 100.27 gal 46 hrs 16.62 hrs

per truck average 49.55 yds 3.59 yds 25.06 gal 11.5 hrs 4.15 hrs

We average 756 yds spot sanding this yr
(7 yds x 4 rts x 1.5 days = 42 yds per storm)

Yearly total for Roads 4321 yds

Winter salt.

Beginning date:
End date:

10-22-02

Date deliv	Used for	November	December	January	February	March	April	May
10-22-02	putting up sand	32.24						
10-23-02	putting up sand	32.43						

11-19-02	finish stocking sand	32.35 tons						
11-02-02	stock for hot loads	31.94 tons						
12-12-02	stock for hot loads		33.45 tons					
12-17-02	CaCl2 1000 gal.		1000@1.06					
12-23-02	stock for sand		34.00 tons					
12-30-02	stock for hot loads		31.84 tons					
01-02-03	stock for hot loads			32.67				
01-05-03	stock for sand			33.95				
01-08-03	stock for hot loads			33.35				
01-28-03	stock for sand			32.65				
01-31-03	stock for hot loads			35.44				
02-05-03	stock for hot loads rd ice				33.3			
	total to date 429.61 tons							
	or 397.78 yds							
02-07-03	stock for hot loads				33.15			
02-10-03	stock for sand				32.77			
02-21-03	stock for sand				33.15			
02-24-03	stock for hot loads				33.24			
03-05-03	stock for sand				32.95			
03-07-03	stock for sand				31.94			
03-11-03	CaCl2 1500 gal				1500 @1.06			

Total to date 626.81 tons or 580.38 yds

Date	loads w/s	14yds	8yds	16yds
10-23-02	16			11
10-24-02	51			
10-25-02	35			
11-18-02	22			
11-21-02	22			
12-23-02	20			
12-24-02	7			
01-06-03	20			
01-07-03	30			
01-08-03	21			
01-30-03	25			
01-31-03	15			
02-10-03	17			
02-11-03	21			
Mark has billed us to this date for 3638 yds				
02-20-03	25			
03-07-03	20			
03-11-03	20			
03-12-03	21			
4842 yds to date				