

Agency of Transportation - Operations Division - Wayne Gammell

January 22, 2014

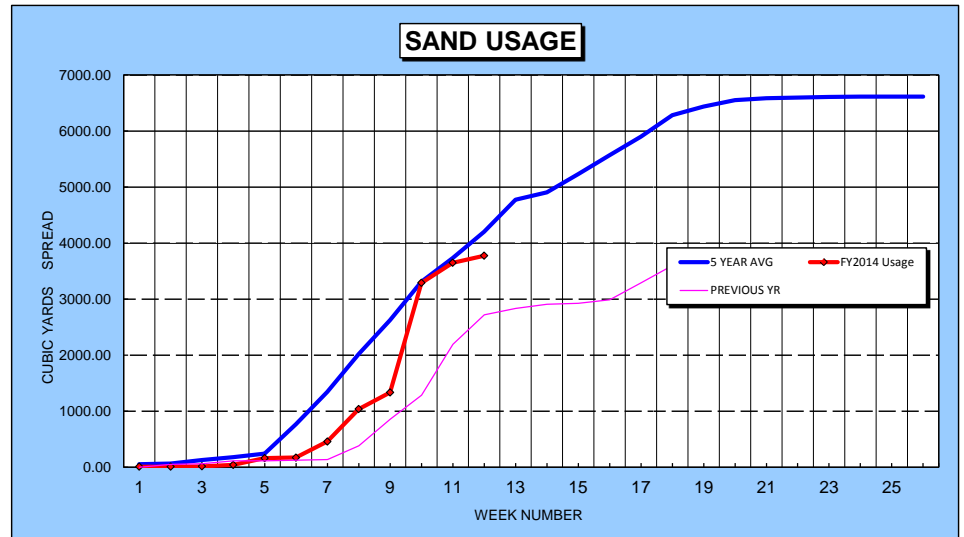
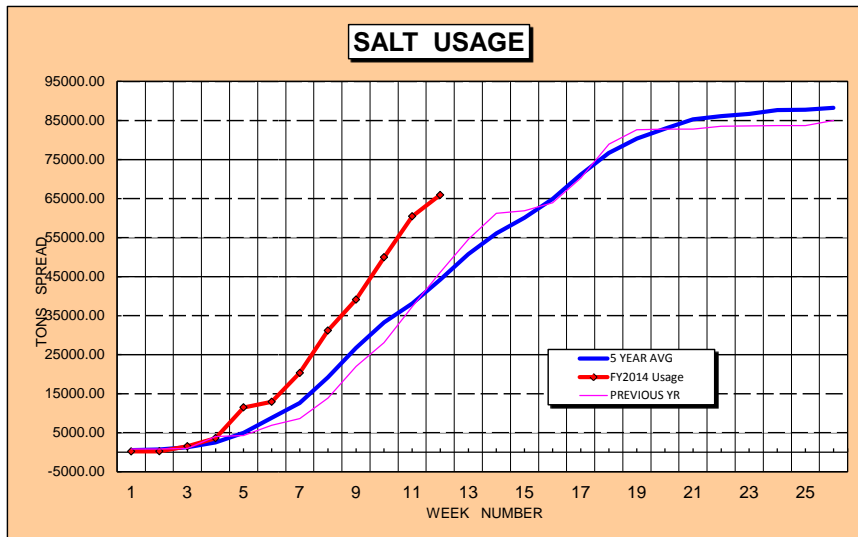
FY 2014 SALT AND SAND REPORT #12

1-12-2014 thru 1-18-2014

	DISTRICT									TOTAL
	1	2	3	4	5	6	7	8	9	
WEEKLY TOTAL - SPREAD										
Salt (tons)	375.3	831.0	579.5	1,233.2	420.0	0.0	831.0	534.5	649.5	5,454.0
Sand (cy)	25.0	1.0	5.0	20.0	0.0	0.0	5.7	0.0	71.0	127.7
Liquid De-Icers (gals)	0.0	30.0	3,505.0	1,215.0	841.0	0.0	0.0	2,018.5	0.0	7,609.5
Brine (gal)	26,205.0	0.0	34,920.0	1,685.0	37,293.0	0.0	0.0	19,019.0	895.0	120,017.0
YEAR TO DATE TOTALS - SPREAD										
Salt (tons)	4,161.5	7,002.3	7,116.3	12,394.9	8,132.0	0.0	10,444.3	9,499.5	7,157.8	65,908.4
Sand (cy)	489.5	82.0	211.1	131.9	142.0	0.0	1,902.7	81.0	735.5	3,775.7
Liquid De-Icers (gals)	8,585.0	3,482.5	47,318.0	24,961.6	17,725.0	0.0	3,371.9	36,824.1	235.0	142,503.1
Brine (gal)	143,422.0	2,140.0	361,574.0	11,314.0	303,156.0	0.0	1,736.0	405,398.0	10,233.0	1,238,973.0
SALT APPLICATION - YEAR TO DATE										
Avg lbs. / Two Lane Miles	254.47	348.71	239.61	385.32	264.53	0	347.43	227.02	263	288.92
Total Tons / One Lane Miles	7.50	10.70	10.81	11.07	8.52	0.00	10.94	10.34	10.30	10.12

Year to Date Winter Maintenance Costs

Labor	\$4,341,086
Rental Equipment	\$80,634
State Equipment	\$5,281,052
Materials	\$5,108,477
Total Cost	\$14,811,249



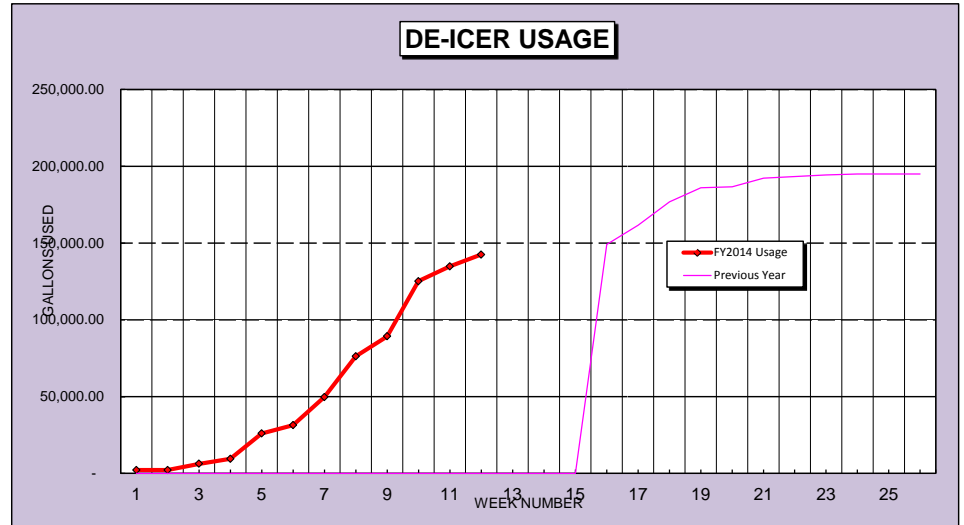
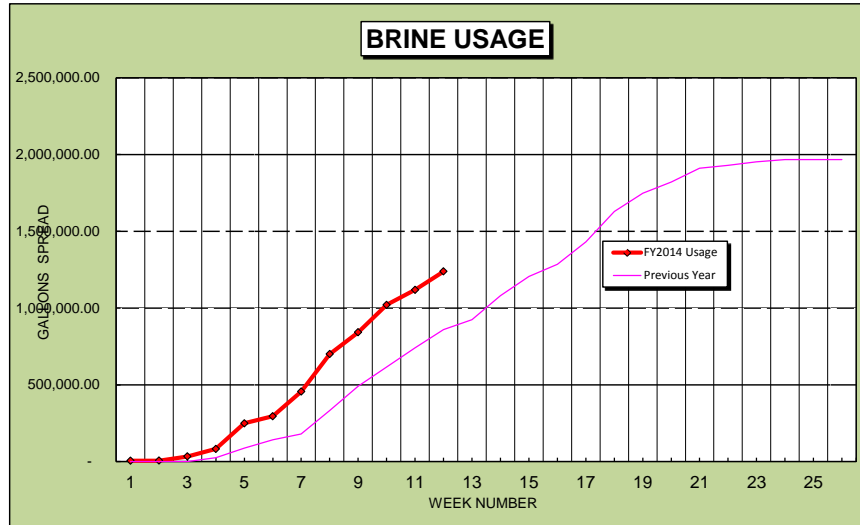
SALT USAGE

WEEK NUMBER	5 YEAR AVG	PREVIOUS YR	FY2014 Usage
1	549.50	784.3	183.20
2	665.39	801.5	241.50
3	1249.66	983.6	1,531.60
4	2509.08	3995.4	3,591.30
5	4947.72	4277.3	11,478.80
6	8863.02	6868.3	12,901.90
7	12584.98	8641.0	20,340.20
8	19173.80	13852.6	31,183.10
9	26742.14	22015.7	39,122.00
10	33290.04	28039.0	49,955.10
11	38131.00	37225.3	60,454.40
12	44206.26	46092.5	65,908.40
13	50775.68	54541.7	
14	56082.08	61256.8	
15	60094.90	61866.1	
16	64858.48	63908.6	
17	71115.66	70,243.9	
18	76723.42	78,986.8	
19	80390.54	82,677.9	
20	82955.58	82,784.4	
21	85276.72	82,784.4	
22	86161.22	83,540.9	
23	86722.06	83,611.2	
24	87657.60	83,706.2	
25	87795.26	83,706.2	
26	88286.24	85,048.4	

FINAL

SAND USAGE

WEEK NUMBER	5 YEAR AVG	PREVIOUS YR	FY2014 Usage
1	51.19	0.0	8.10
2	62.59	48.0	8.10
3	126.88	60.0	14.10
4	179.92	113.0	41.10
5	239.92	113.0	159.00
6	764.66	122.0	171.00
7	1345.16	134.0	458.20
8	2021.80	383.9	1,037.50
9	2626.40	857.9	1,333.10
10	3311.12	1282.6	3,290.40
11	3732.14	2191.9	3,648.00
12	4203.22	2718.3	3,775.70
13	4775.24	2834.6	
14	4908.44	2911.1	
15	5231.40	2923.5	
16	5571.42	2989.0	
17	5900.48	3291.2	
18	6286.40	3602.7	
19	6437.44	3684.5	
20	6554.96	3684.5	
21	6587.70	3684.5	
22	6599.50	3684.5	
23	6607.69	3684.5	
24	6613.43	3684.5	
25	6613.83	3684.5	
26	6613.83	3684.5	



BRINE USAGE

WEEK NUMBER	PREVIOUS YR	FY2014 Usage
1	225.0	5,558.00
2	937.5	6,970.00
3	1654.5	34,128.50
4	26049.5	82,410.00
5	89289.5	249,618.00
6	142762.5	295,472.00
7	179444.2	455,997.00
8	331963.7	701,013.00
9	491546.4	842,312.00
10	615,626.65	1,020,869.00
11	740,358.35	1,118,956.00
12	860,270.60	1,238,973.00
13	925,657.60	
14	1,080,248.85	
15	1,206,946.85	
16	1,285,511.85	
17	1,430,912.60	
18	1,628,844.90	
19	1,748,036.90	
20	1,820,631.93	
21	1,910,401.98	
22	1,930,042.48	
23	1,951,950.23	
24	1,966,437.73	
25	1,967,244.73	
26	1,967,629.23	

FINAL

DE-ICER USAGE

WEEK NUMBER	PREVIOUS YR	FY2014 Usage
1	(not reported)	2,195.00
2	(not reported)	2,245.00
3	(not reported)	6,324.10
4	(not reported)	9,501.10
5	(not reported)	26,024.10
6	(not reported)	31,457.10
7	(not reported)	49,720.30
8	(not reported)	76,300.70
9	(not reported)	89,309.70
10	(not reported)	125,222.60
11	(not reported)	134,893.60
12	(not reported)	142,503.10
13	(not reported)	
14	(not reported)	
15	(not reported)	
16	149,275.9	
17	161,588.7	
18	176,861.7	
19	186,033.4	
20	186,640.6	
21	192,404.2	
22	193,419.2	
23	194,327.4	
24	195,032.4	
25	195,080.4	
26	195,095.4	

FINAL