Winter Maintenance Report
FY 2010

Introduction

Snow and Ice Removal is the number one winter priority for INDOT Maintenance. This report summarizes the winter of fiscal year (FY) 2010. Two of the key issues this winter were; 1) emphasis placed on budget concerns due to continued revenue shortfalls and 2) the second year of Maintenance Decision Support System (MDSS) implementation. In addition to addressing these issues, the report discusses INDOT use of Weather Hours, labor including overtime, salt usage and prices, facilities, total cost and reports.

MDSS

The Maintenance Decision Support System (MDSS) is an advanced decision support tool that provides treatment and timing recommendations based on the effects of chemicals, traffic and weather to promote greater mobility and safety. INDOT participates in a Pooled Fund Study (PFS) with 15 other states and Meridian Environmental Technologies, Inc. to develop MDSS. INDOT is the first state to progress from limited use of MDSS to statewide implementation. The decision to implement statewide during FY 09 was based on the savings reported by the Subdistricts utilizing the program under the PFS and the fact that we were facing declining revenues. FHWA continues to encourage states and local agencies to utilize one of the versions of MDSS and had requested INDOT assistance in presenting workshops on MDSS.

FY 10 was the second year of statewide implementation. MDSS has proven to be a useful tool that has contributed to the trend identified in this report of decreased manhours, material usage and equipment usage. The data and recommendations from MDSS help maintain the emphasis on reducing costs. MDSS provides data and recommendations to help make call outs and shut down at the most efficient time, help select effective and efficient application rates, and help determine when to start and stop applications. Increased exposure to the system and ongoing training will increase the usage and effectiveness of MDSS.

As with implementation of any research project, we have faced multiple problems particularly with Automated Vehicle Locator (AVL) equipment. The AVL equipment used by INDOT is from a vendor named IWAPI. INDOT and IWAPI have maintained communications throughout the year to address issues. IWAPI redesigned their webpage to make it easier to monitor and track equipment problems. IWAPI made program changes during and after the winter season. INDOT identified the equipment mounting as a potential cause of recurring problems. A standard mount is being developed and additional IWAPI equipment checks are being performed throughout the summer. The goal is to improve equipment reliability. Efforts have also been made with Meridian Environmental Technologies, Inc. to develop scenario based training for INDOT users. The goal is to improve user understanding and use of the data provided by the system. INDOT continues to work with our vendors to improve MDSS recommendations and equipment performance.

Weather Hours

Each winter is different and this makes comparisons difficult. INDOT, with the help of Meridian Environmental Technologies, Inc., is using observed snow and freezing rain hours to make equitable comparisons. The snow and freezing rain hours are obtained from the National Weather Service observation sites. Five sites were used for FY 10; Evansville (for Vincennes District), Cincinnati (for Seymour District), Indianapolis (for Greenfield and Crawfordsville Districts), Valparaiso (for LaPorte District) and Ft Wayne (for Ft Wayne District). These National Weather Service observation sites provided the best comparison data available for FY 10. The limited number of sites posed some problems such as one observation site for two Districts and the Valparaiso site did not pick up most of the lake effect snows in northern Indiana. However, these sites did adequately provide overall winter data that shows FY 10

winter was worse than FY 08 and FY 09. More sites are now available and will be used to improve the observation data in FY 11.

For annual comparison purposes the snow and freezing rain hours for each site were added together to provide Weather Hours. The hours are observed from November 1st through April 1st. The following table shows Weather Hours for the past three winters.

Annual Weather Hours per District

Fiscal Year	**FY 08**	**FY 09**	**FY 10**	**Variation from FY 08 to FY 09**	**Variation from FY 09 to FY 10**
Crawfordsville	390	327	504	-16%	+54%
Ft Wayne	496	480	522	-3%	+9%
Greenfield	390	327	504	-16%	+54%
LaPorte	324	391	352	+20%	-10%
Seymour	162	127	213	-21%	+68%
Vincennes	121	67	137	-45%	+104%
Total Annual Weather Hours	1,883	1,719	2,232	-8.7%	+30%

Labor

General:
Snow and ice removal consumes a large number of manhours annually. Highway Technicians (HT) are the primary source of manpower. In addition to HTs from maintenance, construction, traffic and testing, other non-HT positions are utilized. During the past winter, 2,164 INDOT employees participated in snow and ice removal activities for more than 387,000 manhours. Our goal is to have two persons per route to enable twelve hour shifts. Due to manpower shortages, INDOT has searched out alternatives including hiring full time seasonal personnel and temporary personnel for snow and ice removal only. In addition to HTs, the following personnel were also used for snow and ice removal activities:

- 7 DNR volunteers logged 196 hrs
- 2 DOC volunteers logged 114 hrs
- 11 INDOT Central Office employees logged 856 hrs
- 9 INDOT Hoosier Helpers logged 186 hrs
- 4 INDOT LSC employees logged 344 hrs
- 79 employees with a labor class code of "Seasonal State Worker" logged 10,177 hrs

These efforts have helped address personnel shortages and will be continued in the future.

Manhours and Overtime:
Greater emphasis has been placed on controlling manhours and overtime during FY 09 and FY 10. MDSS was also implemented in FY 09 and continued in FY 10. The results are demonstrated in the following tables and graph. While overall hours are up from last year, manhours and overtime (OT) hours per Weather Hour from November through March have shown a downward trend over the last three winters without an adverse effect on service.

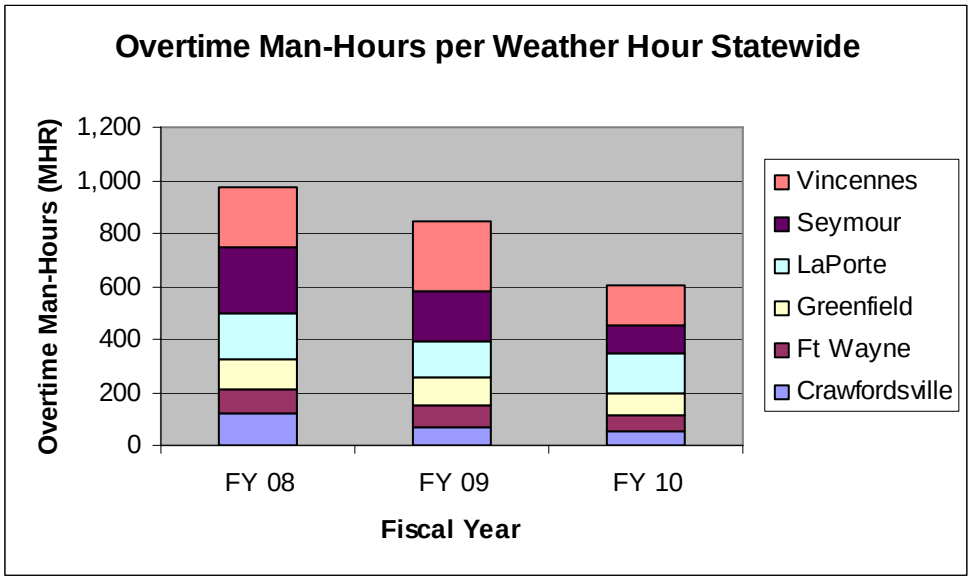
District Manhours per Fiscal Year

Fiscal Year	**FY 08**	**FY 09**	**FY 10**
Crawfordsville	80,697	47,435	55,401
Ft Wayne	96,642	73,433	65,640
Greenfield	105,780	74,557	84,783
LaPorte	100,520	100,393	98,010
Seymour	66,888	50,455	49,314
Vincennes	40,475	32,386	34,386
Total Man-Hrs	491,000	378,657	387,533
Total Man-Hrs per Weather Hour	261	220	174

District OT Manhours per Fiscal Year

Fiscal Year	**FY 08**	**FY 09**	**FY 10**
Crawfordsville	46,479	21,814	26,063
Ft Wayne	47,228	38,836	32,135
Greenfield	44,334	35,846	41,847
LaPorte	54,762	53,805	52,363
Seymour	40,134	23,736	23,694
Vincennes	27,290	17,499	20,663
Total OVT Man-Hrs	260,226	191,536	196,763
OVT Man-Hrs per Weather Hour	138	111	88

Overtime Man-Hours per Weather Hour



Annual Training:
The Snow and Ice Section coordinated the annual Snow Conference. The focus of the FY 10 event was the second year of MDSS implementation and included the chairperson of the AASHTO Snow and Ice Task Force as a speaker.

The MDSS implementation team provided separate MDSS training for foremen, drivers and QA/QC. In addition, winter training focusing on driver safety, snow removal skills and level of service is coordinated annually by each District. Efforts are made to have different levels based on the experience and skill level of employees. Training includes classroom and hands-on. Last year the Truck Safety Roadeo was held at Stout Field on November 6th. Several Districts included Subdistrict Rodeos' as part of their winter training. It is anticipated this will continue in 2010.

2009 Roadeo Champ Allan Schmitt

Materials

General:
Salt is the primary material used for snow and ice removal. For extremely cold weather, chemicals with a lower eutectic point are also used. These chemicals are magnesium chloride and calcium chloride and an agricultural deicer. QPAs are maintained for these materials.

Salt Purchase:
Due to salt shortages that occurred in the winter of 08/09 and carried over to the start of the 09/10 winter, salt prices for FY10 increased significantly. Anticipating the increase, INDOT identified quantities needed to fill salt storage facilities and purchased approximately 170,000 tons at prior year prices. This resulted in savings of over $1,200,000.00.

Salt Prices:
Percentage price increases for FY 10 are shown in the following table.

District	FY09 Price/Ton Loaded	FY10 Price/Ton Loaded	% Increase
Crawfordsville	$62.00	$73.67	19%
Ft Wayne	$57.15	$67.64	18%
Greenfield	$63.18	$65.00	3%
LaPorte	$56.65	$61.42	8%
Seymour	$56.44	$63.35	12%
Vincennes	$54.62	$63.50	16%

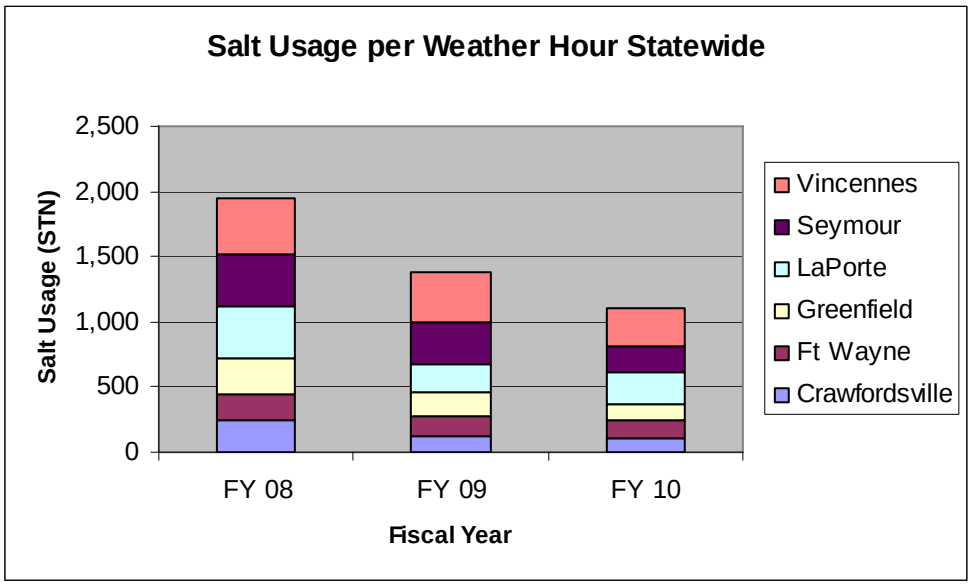
INDOT salt purchase documents for FY 11 were completed and submitted to the Department of Administration (DOA) in April, 2010. Bids were opened May 21, 2010. Awards for FY 11 are approximately 4% less than FY 10.

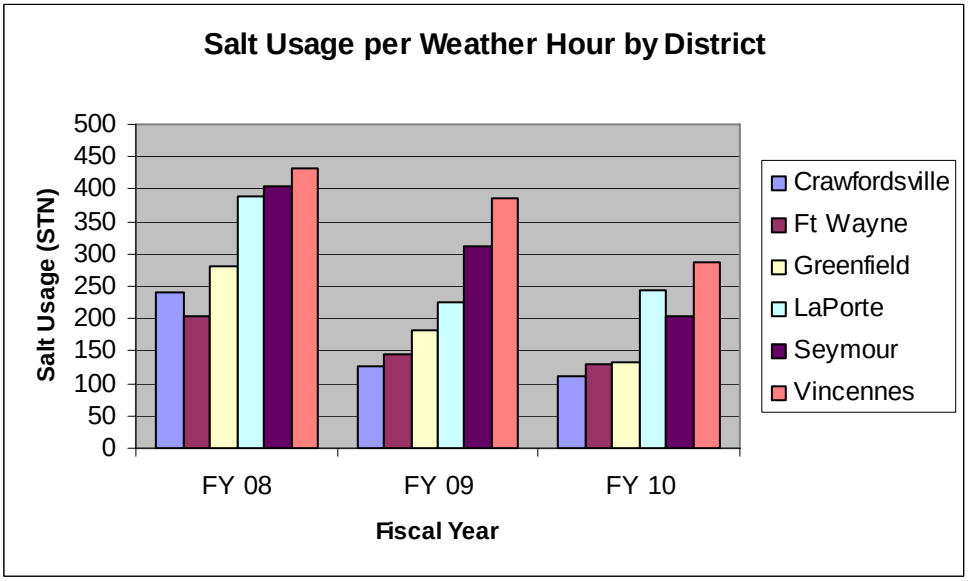
Salt Usage Trend:
Proactive actions taken by INDOT to increase efficient use of materials have also resulted in a statewide downward trend of salt usage per Weather Hour. With more severe winter weather in FY 10 actual tons used increased in all but LaPorte District in FY 10 compared to FY 09, however salt usage per weather hour decreased in all but LaPorte District for the same period. There was no obvious change in LaPorte application strategy to cause this difference. The increase in LaPorte District salt usage per weather hour may be due to using Valparaiso as the only weather observing site. Valparaiso appears to be west of most lake effect snows. Adjustments will be made to the collection of weather hours in FY 11 in an attempt to more accurately reflect actual conditions. Actual tons used, tons used per weather hour by District and statewide usage per weather hour from November through March in FY 08, FY 09 and FY 10 are shown in the following table and graphs.

Salt Usage

Fiscal Year	FY 08	FY 09	FY 10
Crawfordsville (Tons)	93,614	41,057	55,390
Ft Wayne (Tons)	100,344	70,321	67,107
Greenfield (Tons)	109,569	59,644	66,809
LaPorte (Tons)	126,107	87,897	85,316
Seymour (Tons)	65,672	39,531	43,533
Vincennes (Tons)	52,243	25,846	39,177
Salt Usage (Tons)	547,549	324,296	357,332
Salt Usage per Weather Hour (Tons/Hr)	291	189	160

Salt Usage





Salt and Service Provided to other Agencies:
During the winter of FY 10, INDOT supplied other state agencies approximately 618 tons of salt and provided approximately 33 manhours and equipment hours plowing and spreading material. The service and materials were provided to 12 Department of Natural Resources facilities, 3 State Police Posts, 2 Department of Correction Facilities, National Guard and Department of Administration.

The funds expended for other agencies are relatively minor and result in minor to no impact. This will be monitored closely in future years to ensure it is not a problem in the future. FY 10 expenditures for other agencies may be misleading. During the winter season of FY 09, all other agencies had been told INDOT would not provide winter services and the agencies should purchase salt through the Department of Administration QPA for FY 10. Just prior to the start of and during the FY 10 winter season, INDOT began efforts supporting the Department of Natural Resources (DNR). It is expected that all DNR facilities and other agencies did not take advantage of the policy change during FY 10, but will in the future.

Winter Material Usage:
Material quantity usage by Subdistrict for the past 3 years is included as Appendix A.

Equipment

General:
The primary vehicle INDOT uses for snow and ice removal is a dump truck. INDOT uses single axle and tandem dump trucks. The number of dump trucks historically purchased to maintain our current fleet size and life cycle have not been purchased during the past two annual budget cycles. Various initiatives have been put in place to cover the shortfall including extending the life cycle, an assessment of the entire fleet and an aggressive restoration program for existing fleet (55 trucks and 31 loaders). Also, prior to the end of the fiscal year, an additional 62 trucks and 7 loaders were purchased. These efforts will help INDOT maintain a viable fleet for future years.

Alternative Equipment:
In last two years, INDOT has successfully experimented in Crawfordsville, LaPorte and Seymour Districts with outfitting smaller vehicles such as a crew cab pickup truck with a plow and spreader. These vehicles are used to address areas that are difficult for the larger trucks maneuver and keeps the larger vehicles on the mainlines. The areas addressed by the smaller vehicles are intersections, ramps, rest areas and weigh stations.

In another effort to increase efficiency, the Ft Wayne District purchased a Tow Plow. When deployed behind a dump truck, the Tow Plow covers a second lane which could reduce the need for a truck and driver. Ft Wayne used the Tow Plow on I-469 for the first time this winter. Problems were encountered due to raised pavement markers breaking plow blades. Ft Wayne continues to work on resolving this issue to gain the efficiencies realized by other states using the Tow Plow.

Tow Plow

Inspections:
All winter equipment is inspected each fall to ensure it is in good operating condition. Ground speed control units are calibrated to ensure accurate recording of material usage. All problems are identified and addressed prior to the start of winter. In addition, a spring assessment was performed to identify candidates for replacement and refurbishment and to identify needed parts for off season repairs.

Snow Routes:
INDOT utilized 1,039 snow routes during the past winter. The fleet size of dump trucks is based on the number of snow routes. Manpower cuts, budget cuts and increasing lane miles require changes to the current fleet sizes. During FY 09 and FY 10, Ft Wayne District performed a review of their snow routes and reduced their total routes by approximately 9% or 15 routes for this winter. Ft Wayne District is continuing their review and anticipates further cuts. All other Districts are reviewing their routes with a goal of decreasing snow routes by 10%. The INDOT Division of Management Information Systems (MIS) is assisting four of the Districts with a Computerized Route Design program. Although the program is untested, a pilot project demonstrated positive results to help achieve the goal of reducing snow routes without decreasing the level of service.

Diesel Fuel Usage:
Diesel fuel usage has demonstrated the same downward trend as labor and material usage. Although diesel fuel for snow and ice removal is not separated from other INDOT usage, the bulk of diesel fuel usage during the winter is for snow and ice removal. The following table shows gallons of diesel fuel used from November through March for the past 3 winters and usage per winter hour.

Diesel Fuel Usage by District

Fiscal Year	FY 08	FY 09	FY 10
Crawfordsville (Gallons)	324,272	235,428	254,455
Ft Wayne (Gallons)	351,838	301,249	288,480
Greenfield (Gallons)	409,108	313,083	347,598
LaPorte (Gallons)	400,083	367,287	382,000
Seymour (Gallons)	222,936	215,260	232,465
Vincennes (Gallons)	139,252	151,755	173,094
Diesel Fuel Usage (Gallons)	1,847,489	1,584,062	1,678,092
Diesel Fuel Usage per Weather Hour (Gallons/Hr)	981	922	752

Facilities

Two new salt storage facilities were built prior to the start of the FY 10 winter season. The new Cambridge City Subdistrict, Unit building and salt building was opened replacing the old Centerville Subdistrict facility. Also a new salt building at the Chesterton Unit replaced a salt building destroyed by a tornado. Two replacement salt buildings are planned before the winter of FY 11. All salt is stored under roof to address environmental concerns. Total salt capacity by District is shown in the following table.

Salt Storage Capacity in Tons

District	Salt Storage Capacity (Tons)	Five Year Average Use FY 05-FY 09 (Tons)
Crawfordsville	47,400	55,650
Ft Wayne	56,600	76,898
Greenfield	66,245	80,042
LaPorte	81,670	91,246
Seymour	54,400	55,778
Vincennes	55,900	32,195
Total	362,215	391,809

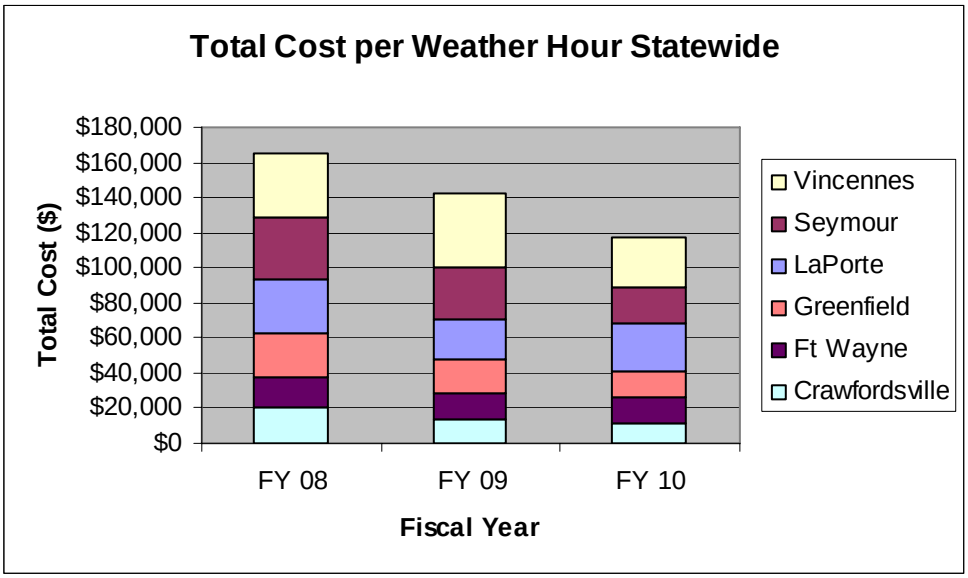
Total Cost

The total direct cost of Snow and Ice Removal activities include labor, equipment and materials reported in the INDOT Work Management System (WMS). WMS costs do not include management or overhead. The 5 year average of Total Costs by Subdistrict is shown in Appendix B. The following table graph shows the total cost from November through March for the last 3 fiscal years and the total cost per Weather Hour. INDOT's ongoing efforts to reduce expenditures are reflected in the Total Cost per Weather Hour. The annual cost of snow and ice removal varies with the severity of each winter. Although total costs increased in FY 10 due to a more severe winter, Total Cost per Weather Hour continues to show a downward trend.

Total Cost per Fiscal Year and Weather Hour

Fiscal Year	FY 08	FY 09	FY 10
Crawfordsville	$7,859,165	$4,413,653	$5,937,482
Ft Wayne	$8,682,842	$7,213,029	$7,381,707
Greenfield	$9,714,976	$6,149,909	$7,605,681
LaPorte	$10,169,416	$9,312,571	$9,814,438
Seymour	$5,647,254	$3,634,622	$4,235,143
Vincennes	$4,384,645	$2,877,062	$3,962,800
Total Cost	$46,458,297	$33,600,847	$38,937,251
Total Cost per Weather Hour	$24,672	$19,547	$17,445

Total Cost per Weather Hour



Reports

Several reports were utilized during the winter season. The following reports are included as Appendices.

Appendix C	Comprehensive Winter Report 3/31/10
Appendix D	State Snow Removal Mileage Summary 3/9/10

Future

Weather Hours:
In an effort to provide better weather comparisons, INDOT requested Meridian to investigate if more observation sites were available. Additional observing sites are now available and will be utilized next season. Historical data from the new sites is only available for FY 09 and FY10, but will provide better comparisons for the future. It is anticipated that three observing sites per District (versus one currently) will be available for FY 11. It is anticipated that the sites used in FY 11 will be as follows:

District	**Observation Sites**
Crawfordsville	Terre Haute, Lafayette, Indianapolis
Ft Wayne	Fort Wayne, Goshen, Grissom Air Force Base
Greenfield	Indianapolis, Muncie, Shelbyville
LaPorte	Valparaiso, South Bend, Lafayette
Seymour	Cincinnati, Bloomington, Louisville
Vincennes	Evansville, Vincennes, Bloomington

MDSS:
A Quality Assurance/Quality Control (QA/QC) for MDSS has been in development during the first two years of implementation. The final phase is in place for use in FY 11. It is highlighted by web based data entry by INDOT District, Subdistrict and Unit personnel and in depth flexible reports available on the INDOT Management Information Portal (MIP). It is anticipated that the MDSS QA/QC program will quickly identify problems and result in prompt resolution of issues.

Snow Fence:
An initiative to identify and install snow fence at five locations in each District is being coordinated by the Snow and Ice Section. The intent is to identify five problem areas in each District, determine the appropriate type of snow fence, and install it prior to next winter. Various types of snow fence are being tried including grasses, trees and manmade fence. The goal is to reduce clean up time and proactively address problem areas.

Summary

INDOT faces many challenges in addressing snow and ice removal. Winters vary and the unknown requires planning and preparing for the worse case scenario. INDOT has addressed declining revenues by placing greater emphasis on reducing all costs. The implementation of MDSS was continued to aid in the effort to reduce salt usage and overtime. The use of Weather Hours was implemented to provide a measure of performance and provide comparisons that take into consideration changing weather. Revisions continue to improve the performance measure. INDOT continues to look for alternative equipment to reduce costs. In addition, other cost saving methods such as centralized identification and purchase of repair parts was implemented. As a result of these efforts, the Total Cost per Weather Hour continues to show a downward trend. A concerted effort by INDOT employees has resulted in getting the job done by improving efficiency and effectiveness regardless of the challenges presented.

Winter Maintenance Report
FY 2010

Appendix A
Three Year Material Usage by Subdistrict

INDIANA STATEWIDE
ANTI-ICING/DE-ICING CHEMICAL HISTORY REPORT

Sodium Chloride/Road Salt Usage History (STN)

Subdistrict	No.	FY 2008	FY 2009	FY 2010	3-Yr Avg
CRAWFORDSVILLE DISTRICT					
TERRE HAUTE SUBDISTRICT	1100	13188.14	6218.22	6946.81	8784.39
CRAWFORDSVILLE SUBDISTRICT	1200	23352.65	9443.97	13243.15	15346.59
FOWLER SUBDISTRICT	1300	20572.50	9071.70	13162.00	14268.73
FRANKFORT SUBDISTRICT	1400	17480.55	7982.80	11714.49	12392.61
CLOVERDALE SUBDISTRICT	1500	20887.31	8681.92	10676.24	13415.16
	District Total:	95481.15	41398.61	55742.69	64207.48
FORT WAYNE DISTRICT					
WARSAW SUBDISTRICT	2100	0.00	0.00	0.00	0.00
ELKHART SUBDISTRICT	2200	16328.12	15048.79	13751.87	15042.93
FORT WAYNE SUBDISTRICT	2300	25299.15	15926.00	16705.78	19310.31
ANGOLA SUBDISTRICT	2400	17929.10	11983.75	10746.82	13553.22
WABASH SUBDISTRICT	2500	20009.67	13153.98	11758.63	14974.09
BLUFFTON SUBDISTRICT	2600	21223.33	15561.00	14193.17	16992.50
	District Total:	100789.37	71673.54	67156.26	79873.05
GREENFIELD DISTRICT					
INDIANAPOLIS SUBDISTRICT	3100	30623.00	18542.25	25927.75	25031.00
GREENFIELD SUBDISTRICT	3200	24121.15	9566.50	8949.42	14212.36
CENTERVILLE SUBDISTRICT	3300	18699.00	12868.90	11373.55	14313.82
TIPTON SUBDISTRICT	3500	15090.08	8245.02	8833.24	10722.78
ALBANY SUBDISTRICT	3600	22248.16	11361.16	12441.76	15350.36
	District Total:	110781.40	60583.83	67525.72	79630.31
LAPORTE DISTRICT					
LAPORTE SUBDISTRICT	4100	33059.39	26251.64	22457.70	27256.24
MONTICELLO SUBDISTRICT	4200	10537.20	3807.50	5640.26	6661.65
PLYMOUTH SUBDISTRICT	4300	32938.20	22888.92	18872.21	24899.78
RENSSELAER SUBDISTRICT	4400	18473.00	10070.00	9483.50	12675.50
WINAMAC SUBDISTRICT	4600	10941.24	6157.44	6168.09	7755.59
GARY SUBDISTRICT	4700	26164.68	20305.92	23600.01	23356.87
	District Total:	132113.72	89481.43	86221.78	102605.64
SEYMOUR DISTRICT					
AURORA SUBDISTRICT	5100	9900.31	7728.06	6772.70	8133.69
BLOOMINGTON SUBDISTRICT	5200	15115.62	6913.97	7905.54	9978.38
COLUMBUS SUBDISTRICT	5300	16932.75	11121.14	11844.46	13299.45
FALL CITY SUBDISTRICT	5400	14733.60	7420.92	10315.16	10823.23
MADISON SUBDISTRICT	5500	10164.21	7066.17	7916.58	8382.32
	District Total:	66846.49	40250.26	44754.43	50617.06
VINCENNES DISTRICT					
LINTON SUBDISTRICT	6100	10636.10	5074.77	8250.65	7987.17
EVANSVILLE SUBDISTRICT	6300	7544.90	3764.65	5712.85	5674.13
PAOLI SUBDISTRICT	6400	13923.98	6454.11	9615.62	9997.90
TELL CITY SUBDISTRICT	6500	11196.59	5530.67	9641.35	8789.54
VINCENNES SUBDISTRICT	6600	9517.75	5424.78	6350.85	7097.79
	District Total:	52819.32	26248.98	39571.32	39546.54
	District Averages By Year:	93138.00	54939.00	60162.00	69413.00
	State Totals By Year:	**558831.43**	**329636.64**	**360972.21**	**416480.09**
	% Increase / Decrease:		**-41.01 %**	**9.51 %**	

INDIANA STATEWIDE
ANTI-ICING/DE-ICING CHEMICAL HISTORY REPORT

Brine Usage History (GAL)

Subdistrict	No.	FY 2008	FY 2009	FY 2010	3-Yr Avg
CRAWFORDSVILLE DISTRICT					
TERRE HAUTE SUBDISTRICT	1100	66924.03	32500.00	41800.00	47074.68
CRAWFORDSVILLE SUBDISTRICT	1200	15913.00	37259.00	58050.00	37074.00
FOWLER SUBDISTRICT	1300	35248.00	43870.00	32913.00	37343.67
FRANKFORT SUBDISTRICT	1400	23050.00	20900.00	95358.40	46436.13
CLOVERDALE SUBDISTRICT	1500	64516.00	56600.00	80252.50	67122.83
	District Total:	205651.03	191129.00	308373.90	235051.31
FORT WAYNE DISTRICT					
WARSAW SUBDISTRICT	2100	0.00	0.00	0.00	0.00
ELKHART SUBDISTRICT	2200	2002.00	0.00	10200.00	4067.33
FORT WAYNE SUBDISTRICT	2300	3975.00	3450.00	0.50	2475.17
ANGOLA SUBDISTRICT	2400	0.00	0.00	0.00	0.00
WABASH SUBDISTRICT	2500	14440.00	1600.00	11606.50	9215.50
BLUFFTON SUBDISTRICT	2600	90315.00	26000.00	10230.00	42181.67
	District Total:	110732.00	31050.00	32037.00	57939.67
GREENFIELD DISTRICT					
INDIANAPOLIS SUBDISTRICT	3100	298062.00	250484.00	165655.00	238067.00
GREENFIELD SUBDISTRICT	3200	118985.00	25830.80	46025.00	63613.60
CENTERVILLE SUBDISTRICT	3300	60860.00	13985.00	10652.00	28499.00
TIPTON SUBDISTRICT	3500	103399.50	32635.00	32682.50	56239.00
ALBANY SUBDISTRICT	3600	116175.00	45000.00	57615.00	72930.00
	District Total:	697481.50	367934.80	312629.50	459348.60
LAPORTE DISTRICT					
LAPORTE SUBDISTRICT	4100	90240.00	164995.12	146399.16	133878.10
MONTICELLO SUBDISTRICT	4200	222472.00	254501.30	278095.50	251689.60
PLYMOUTH SUBDISTRICT	4300	19023.00	44980.00	102427.50	55476.83
RENSSELAER SUBDISTRICT	4400	53362.00	81650.00	151282.50	95431.50
WINAMAC SUBDISTRICT	4600	164222.75	178615.50	241038.00	194625.42
GARY SUBDISTRICT	4700	38939.06	27686.79	80349.75	48991.87
	District Total:	588258.81	752428.72	999592.42	780093.31
SEYMOUR DISTRICT					
AURORA SUBDISTRICT	5100	44191.00	3465.00	75635.00	41097.00
BLOOMINGTON SUBDISTRICT	5200	30320.00	34139.00	74826.00	46428.33
COLUMBUS SUBDISTRICT	5300	472506.03	410919.00	313190.00	398871.68
FALL CITY SUBDISTRICT	5400	156050.00	9050.00	197390.00	120830.00
MADISON SUBDISTRICT	5500	153702.00	119345.00	198470.00	157172.33
	District Total:	856769.03	576918.00	859511.00	764399.34
VINCENNES DISTRICT					
LINTON SUBDISTRICT	6100	21273.00	10450.00	33310.00	21677.67
EVANSVILLE SUBDISTRICT	6300	215402.00	40000.00	112850.00	122750.67
PAOLI SUBDISTRICT	6400	65741.00	15651.00	39763.60	40385.20
TELL CITY SUBDISTRICT	6500	40050.00	21900.00	22200.00	28050.00
VINCENNES SUBDISTRICT	6600	214815.00	49390.00	99920.00	121375.00
	District Total:	557281.00	137391.00	308043.60	334238.53
	District Averages By Year:	502695.00	342808.00	470031.00	438511.00
	State Totals By Year:	**3016173.37**	**2056851.52**	**2820187.42**	**2631070.77**
	% Increase / Decrease:		**-31.81 %**	**37.11 %**	

INDIANA STATEWIDE
ANTI-ICING/DE-ICING CHEMICAL HISTORY REPORT

Tabular Calcium Chloride Usage History (LB)

Subdistrict	No.	FY 2008	FY 2009	FY 2010	3-Yr Avg
CRAWFORDSVILLE DISTRICT					
TERRE HAUTE SUBDISTRICT	1100	0.00	0.00	0.00	0.00
CRAWFORDSVILLE SUBDISTRICT	1200	0.00	0.00	0.00	0.00
FOWLER SUBDISTRICT	1300	0.00	0.00	0.00	0.00
FRANKFORT SUBDISTRICT	1400	0.00	0.00	0.00	0.00
CLOVERDALE SUBDISTRICT	1500	0.00	0.00	0.00	0.00
	District Total:	0.00	0.00	0.00	0.00
FORT WAYNE DISTRICT					
WARSAW SUBDISTRICT	2100	0.00	0.00	0.00	0.00
ELKHART SUBDISTRICT	2200	0.00	0.00	0.00	0.00
FORT WAYNE SUBDISTRICT	2300	100.00	25.00	0.00	41.67
ANGOLA SUBDISTRICT	2400	2000.00	1600.00	50.00	1216.67
WABASH SUBDISTRICT	2500	0.00	850.00	0.00	283.33
BLUFFTON SUBDISTRICT	2600	0.00	1055.00	0.00	351.67
	District Total:	2100.00	3530.00	50.00	1893.33
GREENFIELD DISTRICT					
INDIANAPOLIS SUBDISTRICT	3100	34.00	0.00	0.00	11.33
GREENFIELD SUBDISTRICT	3200	0.00	0.00	0.00	0.00
CENTERVILLE SUBDISTRICT	3300	0.00	0.00	0.00	0.00
TIPTON SUBDISTRICT	3500	0.00	0.00	0.00	0.00
ALBANY SUBDISTRICT	3600	0.00	0.00	0.00	0.00
	District Total:	34.00	0.00	0.00	11.33
LAPORTE DISTRICT					
LAPORTE SUBDISTRICT	4100	0.00	0.00	0.00	0.00
MONTICELLO SUBDISTRICT	4200	0.00	0.00	0.00	0.00
PLYMOUTH SUBDISTRICT	4300	0.00	0.00	0.00	0.00
RENSSELAER SUBDISTRICT	4400	0.00	0.00	0.00	0.00
WINAMAC SUBDISTRICT	4600	0.00	0.00	0.00	0.00
GARY SUBDISTRICT	4700	0.00	0.00	0.00	0.00
	District Total:	0.00	0.00	0.00	0.00
SEYMOUR DISTRICT					
AURORA SUBDISTRICT	5100	0.00	0.00	0.00	0.00
BLOOMINGTON SUBDISTRICT	5200	0.00	0.00	0.00	0.00
COLUMBUS SUBDISTRICT	5300	0.00	0.00	0.00	0.00
FALL CITY SUBDISTRICT	5400	0.00	0.00	0.00	0.00
MADISON SUBDISTRICT	5500	0.00	0.00	0.00	0.00
	District Total:	0.00	0.00	0.00	0.00
VINCENNES DISTRICT					
LINTON SUBDISTRICT	6100	0.00	0.00	0.00	0.00
EVANSVILLE SUBDISTRICT	6300	3870.00	1450.00	575.01	1965.00
PAOLI SUBDISTRICT	6400	1090.00	0.00	0.00	363.33
TELL CITY SUBDISTRICT	6500	2000.00	2750.00	1050.00	1933.33
VINCENNES SUBDISTRICT	6600	1750.00	2700.00	600.00	1683.33
	District Total:	8710.00	6900.00	2225.01	5945.00
	District Averages By Year:	1807.00	1738.00	379.00	1308.00
	State Totals By Year:	10844.00	10430.00	2275.01	7849.67
	% Increase / Decrease:		-3.82 %	-78.19 %	

INDIANA STATEWIDE
ANTI-ICING/DE-ICING CHEMICAL HISTORY REPORT

Liquid Calcium Chloride Usage History (GAL)

Subdistrict	No.	FY 2008	FY 2009	FY 2010	3-Yr Avg
CRAWFORDSVILLE DISTRICT					
TERRE HAUTE SUBDISTRICT	1100	5195.00	0.00	0.00	1731.67
CRAWFORDSVILLE SUBDISTRICT	1200	6806.63	2450.00	2036.00	3764.21
FOWLER SUBDISTRICT	1300	2675.00	1905.00	730.00	1770.00
FRANKFORT SUBDISTRICT	1400	7087.40	20.00	2275.00	3127.47
CLOVERDALE SUBDISTRICT	1500	0.00	0.00	0.00	0.00
	District Total:	21764.03	4375.00	5041.00	10393.34
FORT WAYNE DISTRICT					
WARSAW SUBDISTRICT	2100	0.00	0.00	0.00	0.00
ELKHART SUBDISTRICT	2200	61550.30	58216.00	54419.00	58061.77
FORT WAYNE SUBDISTRICT	2300	29900.00	26779.50	7888.00	21522.50
ANGOLA SUBDISTRICT	2400	9678.00	13320.00	8146.50	10381.50
WABASH SUBDISTRICT	2500	43109.50	53548.26	31358.51	42672.09
BLUFFTON SUBDISTRICT	2600	44551.00	33835.50	25415.00	34600.50
	District Total:	188788.80	185699.26	127227.01	167238.36
GREENFIELD DISTRICT					
INDIANAPOLIS SUBDISTRICT	3100	8489.00	2180.00	8743.00	6470.67
GREENFIELD SUBDISTRICT	3200	17488.50	4119.50	5515.00	9041.00
CENTERVILLE SUBDISTRICT	3300	7122.80	4857.00	7655.00	6544.93
TIPTON SUBDISTRICT	3500	8649.25	335.00	3640.00	4208.08
ALBANY SUBDISTRICT	3600	22604.77	9710.36	21035.44	17783.52
	District Total:	64354.32	21201.86	46588.44	44048.21
LAPORTE DISTRICT					
LAPORTE SUBDISTRICT	4100	0.00	4500.00	0.00	1500.00
MONTICELLO SUBDISTRICT	4200	350.00	800.00	0.00	383.33
PLYMOUTH SUBDISTRICT	4300	0.00	0.00	0.00	0.00
RENSSELAER SUBDISTRICT	4400	0.00	0.00	0.00	0.00
WINAMAC SUBDISTRICT	4600	0.00	400.00	1355.50	585.17
GARY SUBDISTRICT	4700	0.00	2150.00	0.00	716.67
	District Total:	350.00	7850.00	1355.50	3185.17
SEYMOUR DISTRICT					
AURORA SUBDISTRICT	5100	0.00	0.00	0.00	0.00
BLOOMINGTON SUBDISTRICT	5200	0.00	0.00	0.00	0.00
COLUMBUS SUBDISTRICT	5300	0.00	0.00	0.00	0.00
FALL CITY SUBDISTRICT	5400	0.00	0.00	0.00	0.00
MADISON SUBDISTRICT	5500	0.00	0.00	0.00	0.00
	District Total:	0.00	0.00	0.00	0.00
VINCENNES DISTRICT					
LINTON SUBDISTRICT	6100	0.00	0.00	0.00	0.00
EVANSVILLE SUBDISTRICT	6300	16292.75	12002.00	17705.00	15333.25
PAOLI SUBDISTRICT	6400	9560.64	8437.00	13819.90	10605.85
TELL CITY SUBDISTRICT	6500	16849.00	3760.75	21123.00	13910.92
VINCENNES SUBDISTRICT	6600	16486.00	2326.00	3730.00	7514.00
	District Total:	59188.39	26525.75	56377.90	47364.01
	District Averages By Year:	55740.00	40941.00	39431.00	45371.00
	State Totals By Year:	334445.54	245651.87	236589.85	272229.09
	% Increase / Decrease:		-26.55 %	-3.69 %	

INDIANA STATEWIDE
ANTI-ICING/DE-ICING CHEMICAL HISTORY REPORT

Magnesium Chloride Usage History (GAL)

Subdistrict	No.	FY 2008	FY 2009	FY 2010	3-Yr Avg
CRAWFORDSVILLE DISTRICT					
TERRE HAUTE SUBDISTRICT	1100	7705.00	0.00	0.00	2568.33
CRAWFORDSVILLE SUBDISTRICT	1200	19781.28	7820.00	6025.00	11208.76
FOWLER SUBDISTRICT	1300	8312.00	1185.00	6803.00	5433.33
FRANKFORT SUBDISTRICT	1400	14317.30	3447.50	10733.20	9499.33
CLOVERDALE SUBDISTRICT	1500	4643.00	1301.00	611.00	2185.00
	District Total:	54758.58	13753.50	24172.20	30894.76
FORT WAYNE DISTRICT					
WARSAW SUBDISTRICT	2100	0.00	0.00	0.00	0.00
ELKHART SUBDISTRICT	2200	0.00	0.00	0.00	0.00
FORT WAYNE SUBDISTRICT	2300	0.00	0.00	0.00	0.00
ANGOLA SUBDISTRICT	2400	0.00	0.00	0.00	0.00
WABASH SUBDISTRICT	2500	0.00	0.00	0.00	0.00
BLUFFTON SUBDISTRICT	2600	0.00	0.00	0.00	0.00
	District Total:	0.00	0.00	0.00	0.00
GREENFIELD DISTRICT					
INDIANAPOLIS SUBDISTRICT	3100	0.00	0.00	0.00	0.00
GREENFIELD SUBDISTRICT	3200	0.00	0.00	0.00	0.00
CENTERVILLE SUBDISTRICT	3300	0.00	0.00	0.00	0.00
TIPTON SUBDISTRICT	3500	0.00	0.00	0.00	0.00
ALBANY SUBDISTRICT	3600	0.00	0.00	0.00	0.00
	District Total:	0.00	0.00	0.00	0.00
LAPORTE DISTRICT					
LAPORTE SUBDISTRICT	4100	0.00	0.00	0.00	0.00
MONTICELLO SUBDISTRICT	4200	0.00	0.00	0.00	0.00
PLYMOUTH SUBDISTRICT	4300	0.00	0.00	0.00	0.00
RENSSELAER SUBDISTRICT	4400	0.00	0.00	0.00	0.00
WINAMAC SUBDISTRICT	4600	0.00	0.00	0.00	0.00
GARY SUBDISTRICT	4700	0.00	0.00	0.00	0.00
	District Total:	0.00	0.00	0.00	0.00
SEYMOUR DISTRICT					
AURORA SUBDISTRICT	5100	0.00	0.00	0.00	0.00
BLOOMINGTON SUBDISTRICT	5200	0.00	0.00	0.00	0.00
COLUMBUS SUBDISTRICT	5300	110.00	0.00	0.00	36.67
FALL CITY SUBDISTRICT	5400	1250.00	2500.00	125.00	1291.67
MADISON SUBDISTRICT	5500	5200.00	2700.00	2290.00	3396.67
	District Total:	6560.00	5200.00	2415.00	4725.00
VINCENNES DISTRICT					
LINTON SUBDISTRICT	6100	0.00	0.00	0.00	0.00
EVANSVILLE SUBDISTRICT	6300	0.00	0.00	0.00	0.00
PAOLI SUBDISTRICT	6400	0.00	0.00	0.00	0.00
TELL CITY SUBDISTRICT	6500	0.00	0.00	0.00	0.00
VINCENNES SUBDISTRICT	6600	3500.00	0.00	0.00	1166.67
	District Total:	3500.00	0.00	0.00	1166.67
	District Averages By Year:	10803.00	3158.00	4431.00	6131.00
	State Totals By Year:	64818.58	18953.50	26587.20	36786.43
	% Increase / Decrease:		-70.76 %	40.28 %	

INDIANA STATEWIDE
ANTI-ICING/DE-ICING CHEMICAL HISTORY REPORT

Agriculturally Based De-Icer (ICE-BAN), M-50 Usage History (GAL)

Subdistrict	No.	FY 2008	FY 2009	FY 2010	3-Yr Avg
CRAWFORDSVILLE DISTRICT					
TERRE HAUTE SUBDISTRICT	1100	0.00	0.00	0.00	0.00
CRAWFORDSVILLE SUBDISTRICT	1200	0.00	0.00	0.00	0.00
FOWLER SUBDISTRICT	1300	0.00	0.00	0.00	0.00
FRANKFORT SUBDISTRICT	1400	0.00	0.00	0.00	0.00
CLOVERDALE SUBDISTRICT	1500	0.00	0.00	0.00	0.00
	District Total:	0.00	0.00	0.00	0.00
FORT WAYNE DISTRICT					
WARSAW SUBDISTRICT	2100	0.00	0.00	0.00	0.00
ELKHART SUBDISTRICT	2200	0.00	0.00	0.00	0.00
FORT WAYNE SUBDISTRICT	2300	0.00	0.00	0.00	0.00
ANGOLA SUBDISTRICT	2400	0.00	0.00	0.00	0.00
WABASH SUBDISTRICT	2500	0.00	0.00	0.00	0.00
BLUFFTON SUBDISTRICT	2600	0.00	0.00	0.00	0.00
	District Total:	0.00	0.00	0.00	0.00
GREENFIELD DISTRICT					
INDIANAPOLIS SUBDISTRICT	3100	0.00	0.00	0.00	0.00
GREENFIELD SUBDISTRICT	3200	0.00	0.00	0.00	0.00
CENTERVILLE SUBDISTRICT	3300	0.00	0.00	0.00	0.00
TIPTON SUBDISTRICT	3500	0.00	0.00	0.00	0.00
ALBANY SUBDISTRICT	3600	0.00	0.00	0.00	0.00
	District Total:	0.00	0.00	0.00	0.00
LAPORTE DISTRICT					
LAPORTE SUBDISTRICT	4100	3400.00	3320.00	0.00	2240.00
MONTICELLO SUBDISTRICT	4200	14776.00	7294.00	11333.50	11134.50
PLYMOUTH SUBDISTRICT	4300	0.00	200.00	815.00	338.33
RENSSELAER SUBDISTRICT	4400	8361.50	1575.00	2615.00	4183.83
WINAMAC SUBDISTRICT	4600	0.00	300.00	1411.00	570.33
GARY SUBDISTRICT	4700	3800.00	6975.10	0.00	3591.70
	District Total:	30337.50	19664.10	16174.50	22058.70
SEYMOUR DISTRICT					
AURORA SUBDISTRICT	5100	0.00	0.00	0.00	0.00
BLOOMINGTON SUBDISTRICT	5200	0.00	0.00	0.00	0.00
COLUMBUS SUBDISTRICT	5300	0.00	0.00	0.00	0.00
FALL CITY SUBDISTRICT	5400	0.00	0.00	0.00	0.00
MADISON SUBDISTRICT	5500	0.00	0.00	0.00	0.00
	District Total:	0.00	0.00	0.00	0.00
VINCENNES DISTRICT					
LINTON SUBDISTRICT	6100	0.00	0.00	0.00	0.00
EVANSVILLE SUBDISTRICT	6300	0.00	0.00	0.00	0.00
PAOLI SUBDISTRICT	6400	0.00	0.00	0.00	0.00
TELL CITY SUBDISTRICT	6500	0.00	0.00	0.00	0.00
VINCENNES SUBDISTRICT	6600	0.00	0.00	0.00	0.00
	District Total:	0.00	0.00	0.00	0.00
	District Averages By Year:	5056.00	3277.00	2695.00	3676.00
	State Totals By Year:	**30337.50**	**19664.10**	**16174.50**	**22058.70**
	% Increase / Decrease:		**-35.18 %**	**-17.75 %**	

Winter Maintenance Report
FY 2010

Appendix B
Five Year Average Total Snow Removal Costs

Indiana Department of Transportation
FY 2011

INDIANA STATEWIDE
FIVE YEAR AVERAGE SNOW REMOVAL COSTS

Date:08/23/2010
Time:11.36 AM

Subdistrict	No.	FY 2006			FY 2007			FY 2008			FY 2009			FY 2010		
Activity Code:		2630	2660	Total	2630	2660	Total	2630	2660	Total	2630	2660	Total	2630	2660	Total
CRAWFORDSVILLE DISTRICT																
TERRE HAUTE SUBDISTRICT	1100	$ 352,167.68	$ 113,481.60	$ 465,649.28	$ 509,104.84	$ 115,087.61	$ 624,192.45	$ 791,623.07	$ 289,631.66	$ 1,081,254.73	$ 386,568.16	$ 232,073.24	$ 618,641.40	$ 577,998.76	$ 169,018.80	$ 747,017.56
CRAWFORDSVILLE SUBDISTRICT	1200	$ 593,035.18	$ 68,997.97	$ 662,033.15	$ 847,589.09	$ 139,270.67	$ 986,859.76	$ 1,867,136.50	$ 211,356.04	$ 2,078,492.54	$ 874,539.70	$ 161,458.11	$ 1,035,997.82	$ 1,256,153.43	$ 259,879.75	$ 1,516,033.19
FOWLER SUBDISTRICT	1300	$ 516,541.70	$ 58,181.81	$ 574,723.51	$ 707,621.84	$ 108,058.92	$ 815,680.76	$ 1,627,627.15	$ 201,385.81	$ 1,829,012.96	$ 998,434.66	$ 118,436.59	$ 1,116,871.25	$ 1,290,742.54	$ 171,986.99	$ 1,462,729.53
FRANKFORT SUBDISTRICT	1400	$ 464,743.22	$ 23,987.01	$ 488,730.23	$ 494,721.52	$ 84,047.72	$ 578,769.24	$ 1,376,046.63	$ 38,579.11	$ 1,414,625.74	$ 798,424.68	$ 16,895.41	$ 815,320.10	$ 1,118,943.38	$ 52,893.35	$ 1,171,836.73
CLOVERDALE SUBDISTRICT	1500	$ 677,261.58	$ 15,941.67	$ 693,203.25	$ 880,687.08	$ 40,681.82	$ 921,368.90	$ 1,396,614.24	$ 128,889.09	$ 1,525,503.33	$ 809,784.73	$ 131,859.29	$ 941,644.02	$ 1,022,890.96	$ 88,933.51	$ 1,111,824.47
District Total:		$ 2,603,749.36	$ 280,590.06	$ 2,884,339.42	$ 3,439,724.37	$ 487,146.74	$ 3,926,871.11	$ 7,059,047.58	$ 869,841.71	$ 7,928,889.29	$ 3,867,751.94	$ 660,722.65	$ 4,528,474.58	$ 5,266,729.07	$ 742,712.40	$ 6,009,441.47
FORT WAYNE DISTRICT																
WARSAW SUBDISTRICT	2100	$ 694,823.51	$ 14,947.06	$ 709,770.57	$ 1,005,058.85	$ 22,201.77	$ 1,027,260.62	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00
ELKHART SUBDISTRICT	2200	$ 734,129.02	$ 2,922.32	$ 737,051.34	$ 1,303,606.25	$ 36,211.65	$ 1,339,817.90	$ 1,439,406.19	$ 50,750.11	$ 1,490,156.30	$ 1,371,099.09	$ 39,135.16	$ 1,410,234.26	$ 1,346,630.90	$ 47,691.04	$ 1,394,321.94
FORT WAYNE SUBDISTRICT	2300	$ 568,645.13	$ 21,443.26	$ 590,088.39	$ 1,152,245.88	$ 42,780.74	$ 1,195,026.62	$ 2,007,334.25	$ 174,266.99	$ 2,181,601.24	$ 1,499,641.17	$ 140,861.26	$ 1,640,502.43	$ 1,622,930.97	$ 248,695.89	$ 1,871,626.85
ANGOLA SUBDISTRICT	2400	$ 670,012.03	$ 5,402.43	$ 675,414.46	$ 991,208.05	$ 38,527.36	$ 1,029,735.41	$ 1,544,546.40	$ 26,237.15	$ 1,570,783.55	$ 1,144,742.30	$ 21,595.52	$ 1,166,337.82	$ 1,060,395.04	$ 77,429.06	$ 1,137,824.10
WABASH SUBDISTRICT	2500	$ 673,746.18	$ 722.80	$ 674,468.98	$ 844,847.06	$ 441.89	$ 845,288.95	$ 1,790,401.85	$ 4,456.99	$ 1,794,858.83	$ 1,554,458.58	$ 515.16	$ 1,554,973.74	$ 1,476,696.66	$ 6,357.68	$ 1,483,054.34
BLUFFTON SUBDISTRICT	2600	$ 820,525.18	$ 7,343.01	$ 827,868.19	$ 712,380.03	$ 5,664.49	$ 718,044.52	$ 1,799,745.84	$ 4,496.92	$ 1,804,242.76	$ 1,514,275.82	$ 1,785.26	$ 1,516,061.07	$ 1,529,628.80	$ 8,593.85	$ 1,538,222.64
District Total:		$ 4,161,881.05	$ 52,780.88	$ 4,214,661.93	$ 6,009,346.12	$ 145,827.90	$ 6,155,174.02	$ 8,581,434.52	$ 260,208.16	$ 8,841,642.68	$ 7,084,216.96	$ 203,892.36	$ 7,288,109.33	$ 7,036,282.37	$ 388,767.50	$ 7,425,049.87
GREENFIELD DISTRICT																
INDIANAPOLIS SUBDISTRICT	3100	$ 1,122,615.71	$ 108,407.15	$ 1,231,022.86	$ 1,452,814.14	$ 154,829.96	$ 1,607,644.10	$ 2,064,156.31	$ 438,657.46	$ 2,502,813.77	$ 1,521,661.43	$ 234,763.72	$ 1,756,425.15	$ 2,015,818.54	$ 264,247.61	$ 2,280,066.15
GREENFIELD SUBDISTRICT	3200	$ 1,300,582.31	$ 412.66	$ 1,300,994.97	$ 1,430,091.19	$ 0.00	$ 1,430,091.19	$ 1,957,299.63	$ 91,533.81	$ 2,048,833.44	$ 1,051,043.09	$ 10,006.78	$ 1,061,049.87	$ 1,284,392.43	$ 17,791.45	$ 1,302,183.88
CENTERVILLE SUBDISTRICT	3300	$ 946,360.18	$ 21,720.22	$ 968,080.40	$ 1,039,060.64	$ 114,131.75	$ 1,153,192.39	$ 1,700,812.70	$ 75,576.73	$ 1,776,389.43	$ 1,257,582.71	$ 35,294.49	$ 1,292,877.20	$ 1,228,522.75	$ 56,665.96	$ 1,285,188.71
TIPTON SUBDISTRICT	3500	$ 823,472.39	$ 32,656.35	$ 856,128.74	$ 801,114.17	$ 53,601.24	$ 854,715.41	$ 1,314,857.54	$ 220,348.11	$ 1,535,205.65	$ 817,566.82	$ 70,362.92	$ 887,929.75	$ 1,174,858.97	$ 135,222.60	$ 1,310,081.57
ALBANY SUBDISTRICT	3600	$ 1,220,268.07	$ 13,995.20	$ 1,234,263.27	$ 1,063,237.09	$ 12,134.13	$ 1,075,371.22	$ 1,855,668.16	$ 51,036.37	$ 1,906,704.53	$ 1,177,595.94	$ 9,316.31	$ 1,186,912.25	$ 1,423,932.37	$ 24,591.60	$ 1,448,523.96
District Total:		$ 5,413,298.66	$ 177,191.58	$ 5,590,490.24	$ 5,786,317.23	$ 334,697.08	$ 6,121,014.31	$ 8,892,794.34	$ 877,152.48	$ 9,769,946.82	$ 5,825,449.99	$ 359,744.23	$ 6,185,194.22	$ 7,127,525.06	$ 498,519.22	$ 7,626,044.28
LAPORTE DISTRICT																
LAPORTE SUBDISTRICT	4100	$ 1,283,203.03	$ 58,647.86	$ 1,341,850.89	$ 1,820,568.02	$ 73,906.23	$ 1,894,474.25	$ 2,333,159.06	$ 115,054.69	$ 2,448,213.75	$ 2,685,752.86	$ 115,102.43	$ 2,800,855.29	$ 2,478,196.68	$ 72,507.02	$ 2,550,703.70
MONTICELLO SUBDISTRICT	4200	$ 358,265.96	$ 24,983.81	$ 383,249.77	$ 553,136.93	$ 55,552.24	$ 608,689.17	$ 947,705.85	$ 56,265.37	$ 1,003,971.22	$ 630,313.80	$ 24,259.42	$ 654,573.22	$ 775,374.96	$ 51,958.52	$ 827,333.47
PLYMOUTH SUBDISTRICT	4300	$ 1,092,278.95	$ 99,929.42	$ 1,192,208.37	$ 1,783,539.32	$ 68,531.74	$ 1,852,071.06	$ 2,373,735.81	$ 157,669.34	$ 2,531,405.14	$ 2,286,196.40	$ 89,569.46	$ 2,375,765.86	$ 2,088,997.69	$ 71,745.90	$ 2,160,743.59
RENSSELAER SUBDISTRICT	4400	$ 526,307.82	$ 28,272.75	$ 554,580.57	$ 606,265.96	$ 115,187.03	$ 721,452.99	$ 1,261,225.00	$ 93,404.96	$ 1,354,629.97	$ 933,181.60	$ 119,249.65	$ 1,052,431.25	$ 1,077,986.55	$ 109,060.12	$ 1,187,046.67

INDIANA STATEWIDE
FIVE YEAR AVERAGE SNOW REMOVAL COSTS

Subdistrict	No.	FY 2006			FY 2007			FY 2008			FY 2009			FY 2010		
Activity Code:		2630	2660	Total	2630	2660	Total	2630	2660	Total	2630	2660	Total	2630	2660	Total
WINAMAC SUBDISTRICT	4600	$ 467,149.80	$ 25,906.33	$ 493,056.13	$ 775,428.52	$ 19,814.97	$ 795,243.49	$ 1,080,558.02	$ 18,153.08	$ 1,098,711.10	$ 874,080.43	$ 6,346.70	$ 880,427.13	$ 950,500.96	$ 31,365.65	$ 981,866.61
GARY SUBDISTRICT	4700	$ 861,502.39	$ 80,716.39	$ 942,218.78	$ 1,193,593.54	$ 25,443.32	$ 1,219,036.86	$ 1,825,155.57	$ 26,715.35	$ 1,851,870.92	$ 1,703,167.92	$ 14,838.94	$ 1,718,006.86	$ 2,075,243.54	$ 110,324.63	$ 2,185,568.18
District Total:		$ 4,588,707.95	$ 318,456.56	$ 4,907,164.51	$ 6,732,532.29	$ 358,435.53	$ 7,090,967.82	$ 9,821,539.31	$ 467,262.79	$ 10,288,802.10	$ 9,112,693.00	$ 369,366.61	$ 9,482,059.61	$ 9,446,300.38	$ 446,961.84	$ 9,893,262.22
SEYMOUR DISTRICT																
AURORA SUBDISTRICT	5100	$ 451,070.10	$ 902.76	$ 451,972.86	$ 1,630,199.08	$ 2,522.06	$ 1,632,721.14	$ 803,481.00	$ 304.55	$ 803,785.55	$ 659,144.40	$ 3,249.83	$ 662,394.23	$ 684,256.12	$ 5,710.08	$ 689,966.19
BLOOMINGTON SUBDISTRICT	5200	$ 686,497.54	$ 50,383.73	$ 736,881.27	$ 785,079.24	$ 48,044.85	$ 833,124.09	$ 952,658.85	$ 91,953.70	$ 1,044,612.54	$ 506,355.25	$ 62,554.54	$ 568,909.78	$ 610,263.07	$ 59,962.08	$ 670,225.15
COLUMBUS SUBDISTRICT	5300	$ 1,346,525.28	$ 13,822.35	$ 1,360,347.63	$ 1,036,362.48	$ 25,643.93	$ 1,062,006.41	$ 1,354,354.13	$ 163,287.22	$ 1,517,641.35	$ 859,478.55	$ 179,704.13	$ 1,039,182.68	$ 1,003,076.97	$ 120,528.39	$ 1,123,605.36
FALL CITY SUBDISTRICT	5400	$ 536,253.85	$ 86,477.82	$ 622,731.67	$ 691,493.01	$ 43,137.45	$ 734,630.46	$ 1,011,898.52	$ 248,516.13	$ 1,260,414.65	$ 456,241.20	$ 281,094.80	$ 737,336.00	$ 802,264.10	$ 235,466.99	$ 1,037,731.09
MADISON SUBDISTRICT	5500	$ 3,603,431.77	$ 10,571.04	$ 3,614,002.81	$ 950,102.88	$ 71,914.90	$ 1,022,017.78	$ 998,290.29	$ 148,241.08	$ 1,146,531.37	$ 720,668.12	$ 46,888.98	$ 767,557.10	$ 711,370.72	$ 83,465.45	$ 794,836.18
District Total:		$ 6,623,778.54	$ 162,157.70	$ 6,785,936.24	$ 5,093,236.69	$ 191,263.19	$ 5,284,499.88	$ 5,120,682.78	$ 652,302.69	$ 5,772,985.47	$ 3,201,887.51	$ 573,492.28	$ 3,775,379.79	$ 3,811,230.98	$ 505,132.99	$ 4,316,363.98
VINCENNES DISTRICT																
LINTON SUBDISTRICT	6100	$ 312,933.62	$ 3,368.88	$ 316,302.50	$ 472,424.06	$ 14,858.04	$ 487,282.10	$ 754,990.78	$ 92,392.48	$ 847,383.27	$ 512,892.47	$ 50,474.60	$ 563,367.07	$ 778,420.45	$ 65,977.40	$ 844,397.85
EVANSVILLE SUBDISTRICT	6300	$ 273,102.95	$ 102,237.58	$ 375,340.53	$ 287,501.92	$ 21,501.63	$ 309,003.55	$ 705,990.71	$ 91,249.56	$ 797,240.28	$ 414,436.11	$ 95,506.63	$ 509,942.73	$ 549,255.09	$ 125,304.41	$ 674,559.50
PAOLI SUBDISTRICT	6400	$ 414,628.54	$ 17,962.61	$ 432,591.15	$ 444,634.41	$ 52,211.47	$ 496,845.88	$ 994,495.08	$ 84,926.38	$ 1,079,421.46	$ 533,228.69	$ 169,534.33	$ 702,763.02	$ 721,238.67	$ 193,041.62	$ 914,280.28
TELL CITY SUBDISTRICT	6500	$ 293,206.35	$ 19,228.10	$ 312,434.45	$ 270,725.98	$ 22,948.88	$ 293,674.86	$ 789,638.64	$ 22,431.05	$ 812,069.69	$ 485,354.08	$ 28,235.95	$ 513,590.03	$ 792,568.76	$ 61,577.85	$ 854,146.61
VINCENNES SUBDISTRICT	6600	$ 396,578.24	$ 196,389.88	$ 592,968.12	$ 441,148.72	$ 36,018.59	$ 477,167.31	$ 801,172.40	$ 59,073.63	$ 860,246.03	$ 514,053.11	$ 78,404.68	$ 592,457.79	$ 581,169.29	$ 101,019.05	$ 682,188.34
District Total:		$ 1,690,449.70	$ 339,187.05	$ 2,029,636.75	$ 1,916,435.09	$ 147,538.61	$ 2,063,973.70	$ 4,046,287.62	$ 350,073.10	$ 4,396,360.72	$ 2,459,964.46	$ 422,156.18	$ 2,882,120.64	$ 3,422,652.25	$ 546,920.34	$ 3,969,572.59
Activity Totals:		$ 25,081,865.26	$ 1,330,363.83	$ 26,412,229.09	$ 28,977,591.79	$ 1,664,909.05	$ 30,642,500.84	$ 43,521,786.15	$ 3,476,840.93	$ 46,998,627.07	$ 31,551,963.87	$ 2,589,374.31	$ 34,141,338.18	$ 36,110,720.10	$ 3,129,014.29	$ 39,239,734.39
State Totals By Year:			$ 26,412,229.09			$ 30,642,500.84			$ 46,998,627.07			$ 34,141,338.18			$ 39,239,734.39	
Five Year Average:			$ 35,486,885.92													

Winter Maintenance Report
FY 2010

Appendix C
Comprehensive Winter Report
3/31/10

Comprehensive Winter Report

Publish Date: 3/31/2010
Effective Date: 3/20/2010
% of Winter Season: 100.0%

	Overtime ($)			Diesel Usage (GAL)			Salt Usage (STN)				Trucks		CDL Drivers										
	Total	Total Budget	% Used	Total	Total Budget	% Used	Total	FY09 Usage	% Used	Brine Usage (GAL)	Avail	Reqd one per Snow Rte	Avail	Reqd two per Snow Rte	Service Miles 2630/2660 Accomp	Man Hours 2630/2660 MHR	Service Miles per Man-Hr (MIL/MHR)	Total Lane Miles (LNM)	Total Cost of 2630/2660 Operations ($)	Total Cost per Lane Mile ($/LNM)	Salt Used per Lane Mile (STN/LNM)	Salt Used per Service Mile (STN/Svc Mile)	Weather Hours 11/1/09 - 2/28/10 from NWS
Statewide Totals	$ 6,228,321	$ 6,554,442	95.0%	1,581,172	1,312,054	120.5%	357,146	325,330	109.8%	2,768,907	1,083	1,013	1,936	2,026	6,877,349	382,582	18.0	30,322	$ 38,896,791	$ 1,282.81	11.7786	0.0519	2,228
(1000) - Crawfordsville District	$ 743,287	$ 949,617	78.3%	239,911	198,661	120.8%	55,390	41,024	135.0%	308,374	166	158	292	316	1,063,005	54,280	19.6	5,125	$ 5,937,432	$ 1,158.59	10.8084	0.0521	504
(1100) - Terre Haute Sub							6,896	6,171	111.7%	41,800	28	27	46	54	113,462	6,452	17.6	782	$ 745,416	$ 953.12	8.8176	0.0608	
(1200) - Crawfordsville Sub							13,182	9,391	140.4%	58,050	41	39	70	78	252,821	13,390	18.9	1,224	$ 1,503,466	$ 1,228.47	10.7712	0.0521	
(1300) - Fowler Sub							13,117	8,934	146.8%	32,913	31	30	52	60	248,255	11,632	21.3	1,130	$ 1,462,048	$ 1,293.41	11.6036	0.0528	
(1400) - Frankfort Sub							11,570	7,942	145.7%	95,358	29	27	55	54	243,271	12,031	20.2	909	$ 1,176,180	$ 1,293.59	12.7246	0.0476	
(1500) - Cloverdale Sub							10,625	8,587	123.7%	80,253	37	35	69	70	205,197	10,774	19.0	1,079	$ 1,050,322	$ 973.29	9.8462	0.0518	
(2000) - Ft Wayne District	$ 890,550	$ 1,157,203	77.0%	271,420	241,864	112.2%	67,107	71,296	94.1%	32,037	177	159	307	318	1,208,737	65,102	18.6	4,936	$ 7,381,159	$ 1,495.46	13.5963	0.0555	522
(2200) - Elkhart Sub							13,726	14,920	92.0%	10,200	26	23	41	46	184,339	10,463	17.6	702	$ 1,378,693	$ 1,963.95	19.5524	0.0745	
(2300) - Ft Wayne Sub							16,706	15,889	105.1%	1	49	45	90	90	292,110	16,749	17.4	1,162	$ 1,851,567	$ 1,594.10	14.3828	0.0572	
(2400) - Angola Sub							10,747	11,833	90.8%	-	29	26	51	52	207,769	10,663	19.5	814	$ 1,136,778	$ 1,395.92	13.1966	0.0517	
(2500) - Wabash Sub							11,745	13,147	89.3%	11,607	39	35	65	70	267,807	14,230	18.8	1,166	$ 1,481,953	$ 1,271.30	10.0752	0.0439	
(2600) - Bluffton Sub							14,184	15,508	91.5%	10,230	34	30	60	60	256,712	12,999	19.7	1,092	$ 1,532,169	$ 1,402.90	12.9876	0.0553	
(3000) - Greenfield District	$ 1,555,389	$ 1,474,816	105.5%	327,830	260,149	126.0%	66,660	59,623	111.8%	311,790	199	188	366	376	1,494,094	84,092	17.8	5,541	$ 7,578,176	$ 1,367.69	12.0306	0.0446	504
(3100) - Indianapolis Sub							25,530	18,267	139.8%	164,855	68	65	126	130	465,091	22,594	20.6	1,528	$ 2,257,260	$ 1,477.15	16.7065	0.0549	
(3200) - Greenfield Sub							8,784	8,993	97.7%	46,025	32	30	59	60	276,595	16,936	16.3	957	$ 1,294,204	$ 1,352.11	9.1775	0.0318	
(3300) - Centerville Sub							11,280	12,847	87.8%	10,652	33	31	59	62	245,635	14,870	16.5	911	$ 1,276,535	$ 1,400.65	12.3766	0.0459	
(3500) - Tipton Sub							8,833	8,195	107.8%	32,683	31	28	54	56	232,019	13,828	16.8	1,056	$ 1,306,715	$ 1,238.01	8.3688	0.0381	
(3600) - Albany Sub							12,233	11,321	108.1%	57,575	35	34	68	68	274,754	15,865	17.3	1,089	$ 1,443,463	$ 1,325.91	11.2364	0.0445	
(4000) - LaPorte District	$ 1,616,136	$ 1,458,408	110.8%	366,383	299,042	122.5%	85,292	87,868	97.1%	960,802	205	193	336	386	1,779,301	96,915	18.4	5,106	$ 9,805,989	$ 1,920.57	16.7051	0.0479	348
(4100) - LaPorte Sub							22,331	25,899	86.2%	128,149	50	43	84	86	480,356	25,270	19.0	1,074	$ 2,517,275	$ 2,344.88	20.8021	0.0465	
(4200) - Monticello Sub							5,399	3,480	155.2%	277,596	25	21	33	42	165,629	8,475	19.5	678	$ 825,954	$ 1,217.63	7.9591	0.0326	
(4300) - Plymouth Sub							18,742	22,731	82.5%	102,428	31	34	62	68	372,632	19,982	18.6	813	$ 2,159,834	$ 2,655.67	23.0443	0.0503	
(4400) - Rensselaer Sub							9,358	9,909	94.4%	151,283	24	22	43	44	203,331	10,905	18.6	780	$ 1,187,047	$ 1,521.07	11.9913	0.0460	
(4600) - Winimac Sub							5,881	5,948	98.9%	241,038	25	23	27	46	268,042	10,159	26.4	779	$ 981,289	$ 1,259.61	7.5487	0.0219	
(4700) - Gary Sub							23,582	19,901	118.5%	60,310	50	50	87	100	289,312	22,124	13.1	981	$ 2,134,590	$ 2,175.53	24.0339	0.0815	
(5000) - Seymour District	$ 729,441	$ 904,409	80.7%	215,576	183,154	117.7%	43,520	39,506	110.2%	847,861	174	161	328	322	738,886	47,889	15.4	4,825	$ 4,231,236	$ 876.97	9.0199	0.0589	213
(5100) - Aurora Sub							6,760	7,723	87.5%	66,485	29	27	52	54	124,572	8,440	14.8	855	$ 672,467	$ 786.76	7.9094	0.0543	
(5200) - Bloomington Sub							7,903	6,903	114.5%	72,326	25	24	46	48	92,043	6,808	13.5	608	$ 660,623	$ 1,086.34	12.9963	0.0859	
(5300) - Columbus Sub							11,273	10,624	106.1%	313,190	43	39	86	78	233,234	13,382	17.4	1,094	$ 1,097,922	$ 1,003.90	10.3080	0.0483	
(5400) - Falls City Sub							9,903	7,359	134.6%	197,390	44	41	77	82	142,844	10,172	14.0	1,191	$ 1,008,438	$ 847.04	8.3181	0.0693	
(5500) - Madison Sub							7,679	6,898	111.3%	198,470	33	30	67	60	146,193	9,088	16.1	1,078	$ 791,787	$ 734.64	7.1252	0.0525	
(6000) - Vincennes District	$ 693,516	$ 609,989	113.7%	160,053	129,184	123.9%	39,177	26,012	150.6%	308,044	162	154	307	308	593,326	34,305	17.3	4,790	$ 3,962,800	$ 827.34	8.1792	0.0660	137
(6100) - Linton Sub							8,218	5,054	162.6%	33,310	23	22	44	44	127,446	6,593	19.3	767	$ 844,398	$ 1,100.65	10.7124	0.0645	
(6300) - Evansville Sub							5,581	3,732	149.6%	112,850	36	38	73	76	107,870	6,780	15.9	956	$ 673,785	$ 704.61	5.8366	0.0517	
(6400) - Paoli Sub							9,567	6,437	148.6%	39,764	33	30	60	60	121,578	7,734	15.7	913	$ 910,376	$ 997.19	10.4793	0.0787	
(6500) - Tell City Sub							9,605	5,446	176.4%	22,200	38	35	69	70	114,767	6,780	16.9	1,254	$ 853,011	$ 680.31	7.6606	0.0837	
(6600) - Vincennes Sub							6,205	5,343	116.1%	99,920	32	29	61	58	121,665	6,419	19.0	900	$ 681,229	$ 757.29	6.8975	0.0510	

Data Sources: *Overtime & Diesel Usage - Nancy Manley report*
Salt Usage, Brine Usage, # of Snow Rtes, Service Miles, Man-Hours, Total Lane Miles, & Total Cost - WMS
Weather Hrs - NWS via Meridian (MDSS vendor)

Winter Season Start: *11/15/2009*
Winter Season End: *3/20/2010*

Crawfordsville District Winter Report

	Salt Usage (STN)				Trucks		CDL Drivers									
	Total	FY09 Usage	% Used	Brine Usage (GAL)	Avail	Reqd one per Snow Rte	Avail	Reqd two per Snow Rte	Service Miles 2630/2660 Accomp	Man Hours 2630/2660 MHR	Service Miles per Man-Hr (MIL/MHR)	Total Lane Miles (LNM)	Total Cost ($)	Total Cost per Lane Mile ($/LNM)	Salt Used per Lane Mile (STN/LNM)	Salt Used per Service Mile (STN/Svc Mile)
District Totals	55,390	41,024	135.0%	308,374	166	158	292	316	1,063,005	54,280	19.6	5,125	$ 5,937,432	$ 1,158.59	10.8084	0.0521
(1100) - Terre Haute Sub	6,896	6,171	111.7%	41,800	28	27	46	54	113,462	6,452	17.6	782	$ 745,416	$ 953.12	8.8176	0.0608
(1101) - Terre Haute Unit 2	2,870	2,636	108.9%	39,600		11		22	46,299	2,581	17.9	311	$ 304,274	$ 978.79	9.2311	0.0620
(1102) - Ashboro Unit 3	1,853	1,203	154.0%	2,200		7		14	36,354	1,904	19.1	230	$ 219,231	$ 955.25	8.0738	0.0510
(1103) - Fort Harrison Unit	2,173	2,332	93.2%			9		18	30,810	1,968	15.7	242	$ 221,911	$ 918.09	8.9920	0.0705
(1200) - Crawfordsville Sub	13,182	9,391	140.4%	58,050	41	39	70	78	252,821	13,390	18.9	1,224	$ 1,503,466	$ 1,228.47	10.7712	0.0521
(1201) - Crawfordsville Unit 1	5,050	3,448	146.5%	46,300		15		30	84,877	5,059	16.8	433	$ 577,735	$ 1,335.50	11.6736	0.0595
(1202) - Bloomingdale Unit 2	2,644	1,950	135.5%	11,750		7		14	51,258	2,721	18.8	216	$ 306,305	$ 1,415.19	12.2138	0.0516
(1203) - Newport Unit 3	2,171	1,826	118.9%			8		16	46,836	2,368	19.8	248	$ 263,053	$ 1,062.62	8.7699	0.0464
(1204) - Veedersburg Unit 4	3,318	2,167	153.1%			9		18	69,850	3,242	21.5	327	$ 356,374	$ 1,088.96	10.1380	0.0475
(1300) - Fowler Sub	13,117	8,934	146.8%	32,913	31	30	52	60	248,255	11,632	21.3	1,130	$ 1,462,048	$ 1,293.41	11.6036	0.0528
(1301) - Fowler Unit 1	3,671	2,171	169.1%	11,095		8		16	81,114	3,631	22.3	366	$ 425,044	$ 1,162.53	10.0391	0.0453
(1302) - Carbondale Unit 2	2,812	2,122	132.5%	4,340		7		14	60,388	2,855	21.2	280	$ 333,070	$ 1,191.49	10.0576	0.0466
(1303) - Lafayette Unit 3	6,635	4,641	143.0%	17,478		15		30	106,753	5,147	20.7	485	$ 703,934	$ 1,450.75	13.6732	0.0621
(1400) - Frankfort Sub	11,570	7,942	145.7%	95,358	29	27	55	54	243,271	12,031	20.2	909	$ 1,176,180	$ 1,293.59	12.7246	0.0476
(1401) - Frankfort Unit 1	6,004	4,051	148.2%	95,358		9		18	111,746	5,403	20.7	418	$ 562,999	$ 1,347.02	14.3645	0.0537
(1402) - Lebanon Unit 2	4,439	2,525	175.8%			12		24	87,825	4,547	19.3	319	$ 442,600	$ 1,389.47	13.9358	0.0505
(1403) - Romney Unit 3	1,127	1,366	82.5%			6		12	43,700	2,081	21.0	173	$ 170,581	$ 987.50	6.5231	0.0258
(1500) - Cloverdale Sub	10,625	8,587	123.7%	80,253	37	35	69	70	205,197	10,774	19.0	1,079	$ 1,050,322	$ 973.29	9.8462	0.0518
(1501) - Cloverdale Unit 1	2,877	1,705	168.7%	80,250		10		20	67,503	3,332	20.3	320	$ 318,776	$ 997.55	9.0028	0.0426
(1502) - Bainbridge Unit 2	2,117	2,095	101.1%			6		12	42,112	2,089	20.2	186	$ 216,716	$ 1,164.89	11.3766	0.0503
(1503) - Lizton Unit 3	2,344	2,340	100.2%			7		14	48,217	2,528	19.1	223	$ 233,790	$ 1,050.51	10.5319	0.0486
(1504) - Plainfield Unit 4	3,288	2,447	134.4%	3		12		24	47,365	2,826	16.8	351	$ 281,039	$ 800.68	9.3680	0.0694

Trucks & CDL Drivers updated: 29-Mar

Ft Wayne District Winter Report

	Salt Usage (STN)				Trucks		CDL Drivers									
	Total	FY09 Usage	% Used	Brine Usage (GAL)	Avail	Reqd one per Snow Rte	Avail	Reqd two per Snow Rte	Service Miles 2630/2660 Accomp	Man Hours 2630/2660 MHR	Service Miles per Man-Hr (MIL/MHR)	Total Lane Miles (LNM)	Total Cost ($)	Total Cost per Lane Mile ($/LNM)	Salt Used per Lane Mile (STN/LNM)	Salt Used per Service Mile (STN/Svc Mile)
District Totals	67,107	71,296	94.1%	32,037	177	159	307	318	1,208,737	65,102	18.6	4,936	$ 7,381,159	$ 1,495.46	13.5963	0.0555
(2200) - Elkhart Sub	13,726	14,920	92.0%	10,200	26	23	41	46	184,339	10,463	17.6	702	$ 1,378,693	$ 1,963.95	19.5524	0.0745
(2201) - Elkhart Unit 1	5,659	5,684	99.6%	10,200		9		18	75,454	4,287	17.6	238	$ 559,323	$ 2,351.08	23.7886	0.0750
(2202) - New Paris Unit 2	3,602	4,921	73.2%			8		16	56,602	3,211	17.6	232	$ 388,951	$ 1,677.23	15.5304	0.0636
(2204) - Shipshewana Unit	4,465	4,316	103.5%			6		12	52,284	2,965	17.6	232	$ 430,419	$ 1,853.66	19.2291	0.0854
(2300) - Ft Wayne Sub	16,706	15,889	105.1%	1	49	45	90	90	292,110	16,749	17.4	1,162	$ 1,851,567	$ 1,594.10	14.3828	0.0572
(2301) - Ft Wayne Unit 1	7,661	7,216	106.2%			18		36	110,134	6,721	16.4	370	$ 790,598	$ 2,136.17	20.6997	0.0696
(2302) - US 27 South Unit 2	2,289	1,235	185.3%	1		8		16	42,034	2,514	16.7	205	$ 247,321	$ 1,207.55	11.1739	0.0544
(2303) - New Haven Unit 3	3,142	3,649	86.1%			9		18	60,367	3,409	17.7	241	$ 366,300	$ 1,518.66	13.0276	0.0521
(2304) - Laud Unit	3,614	3,789	95.4%			10		20	79,576	4,105	19.4	345	$ 447,348	$ 1,295.16	10.4632	0.0454
(2400) - Angola Sub	10,747	11,833	90.8%	-	29	26	51	52	207,769	10,663	19.5	814	$ 1,136,778	$ 1,395.92	13.1966	0.0517
(2401) - Angola Unit 1	4,153	5,447	76.2%			10		20	78,225	3,997	19.6	294	$ 429,872	$ 1,462.65	14.1298	0.0531
(2403) - Waterloo Unit 3	3,171	2,872	110.4%			8		16	64,669	3,324	19.5	280	$ 344,331	$ 1,230.81	11.3360	0.0490
(2404) - Brimfield Unit	3,423	3,515	97.4%			8		16	64,875	3,343	19.4	241	$ 362,575	$ 1,506.34	14.2199	0.0528
(2500) - Wabash Sub	11,745	13,147	89.3%	11,607	39	35	65	70	267,807	14,230	18.8	1,166	$ 1,481,953	$ 1,271.30	10.0752	0.0439
(2501) - Wabash Unit 1	3,651	4,190	87.1%	6,000		11		22	86,886	4,419	19.7	386	$ 444,330	$ 1,149.92	9.4498	0.0420
(2502) - Peru Unit 2	3,147	3,145	100.0%			8		16	69,449	3,319	20.9	277	$ 371,384	$ 1,340.73	11.3602	0.0453
(2504) - Warsaw Unit	3,155	3,132	100.7%			8		16	55,042	3,139	17.5	219	$ 364,263	$ 1,667.11	14.4379	0.0573
(2505) - N Manchester Unit	1,792	2,679	66.9%	5,607		8		16	56,430	3,354	16.8	284	$ 301,977	$ 1,064.05	6.3134	0.0318
(2600) - Bluffton Sub	14,184	15,508	91.5%	10,230	34	30	60	60	256,712	12,999	19.7	1,092	$ 1,532,169	$ 1,402.90	12.9876	0.0553
(2601) - Bluffton Unit 1	3,861	4,619	83.6%	4,600		7		14	67,850	3,164	21.4	270	$ 397,477	$ 1,471.05	14.2903	0.0569
(2602) - Markle Unit 2	3,229	3,516	91.8%	5,400		7		14	50,241	2,741	18.3	229	$ 348,494	$ 1,524.34	14.1241	0.0643
(2603) - Monroe Unit 3	3,063	3,221	95.1%			7		14	65,237	3,293	19.8	262	$ 356,542	$ 1,362.41	11.7054	0.0470
(2604) - Gas City Unit 4	4,031	4,153	97.1%	230		9		18	73,384	3,801	19.3	332	$ 429,656	$ 1,295.63	12.1546	0.0549

Trucks & CDL Drivers updated: 29-Mar

Greenfield District Winter Report

	Salt Usage (STN)				Trucks		CDL Drivers									
	Total	FY09 Usage	% Used	Brine Usage (GAL)	Avail	Reqd one per Snow Rte	Avail	Reqd two per Snow Rte	Service Miles 2630/2660 Accomp	Man Hours 2630/2660 MHR	Service Miles per Man-Hr (MIL/MHR)	Total Lane Miles (LNM)	Total Cost ($)	Total Cost per Lane Mile ($/LNM)	Salt Used per Lane Mile (STN/LNM)	Salt Used per Service Mile (STN/Svc Mile)
District Totals	66,660	59,623	111.8%	311,790	199	188	366	376	1,494,094	84,092	17.8	5,541	$ 7,578,176	$ 1,367.69	12.0306	0.0446
(3100) - Indianapolis Sub	25,530	18,267	139.8%	164,855	68	65	126	130	465,091	22,594	20.6	1,528	$ 2,257,260	$ 1,477.15	16.7065	0.0549
(3101) - Brookville Rd Unit 1	4,217	3,193	132.1%	27,205		13		26	87,284	4,399	19.8	321	$ 407,871	$ 1,271.10	13.1412	0.0483
(3102) - Tibbs Ave Unit 2	5,256	4,063	129.4%	48,150		16		32	114,609	5,703	20.1	375	$ 524,734	$ 1,397.80	14.0004	0.0459
(3103) - 71st St Unit 3	6,867	5,304	129.5%	38,700		12		24	102,277	4,317	23.7	322	$ 520,818	$ 1,618.95	21.3460	0.0671
(3104) - 65th St Unit 4	4,969	2,652	187.4%	30,050		10		20	67,930	3,735	18.2	273	$ 394,369	$ 1,442.99	18.1815	0.0731
(3105) - Madison St Unit 5	4,221	3,056	138.1%	20,750		14		28	92,991	4,439	20.9	237	$ 409,469	$ 1,728.88	17.8222	0.0454
(3106) - Maintenance Crew			#DIV/0!			-		-			#DIV/0!			#DIV/0!	#DIV/0!	#DIV/0!
(3200) - Greenfield Sub	8,784	8,993	97.7%	46,025	32	30	59	60	276,595	16,936	16.3	957	$ 1,294,204	$ 1,352.11	9.1775	0.0318
(3201) - Greenfield Unit 1	2,882	3,120	92.4%	20,925		10		20	99,822	5,793	17.2	330	$ 435,849	$ 1,319.32	8.7234	0.0289
(3202) - Anderson Unit 2	2,728	2,663	102.5%	25,100		7		14	67,504	3,862	17.5	208	$ 330,915	$ 1,593.85	13.1399	0.0404
(3303) - Rushville Unit 3	1,827	2,230	81.9%			6		12	54,845	3,671	14.9	189	$ 275,811	$ 1,462.41	9.6858	0.0333
(3204) - Shelbyville Unit 4	1,348	981	137.4%			7		14	54,425	3,610	15.1	231	$ 251,628	$ 1,091.24	5.8447	0.0248
(3300) - Centerville Sub	11,280	12,847	87.8%	10,652	33	31	59	62	245,635	14,870	16.5	911	$ 1,276,535	$ 1,400.65	12.3766	0.0459
(3301) - Salisbury Unit 1	3,071	3,483	88.2%	4,800		8		16	57,190	3,597	15.9	225	$ 322,074	$ 1,432.14	13.6533	0.0537
(3302) - Cambridge Unit 2	3,343	3,954	84.5%	240		8		16	66,646	3,791	17.6	241	$ 354,934	$ 1,470.74	13.8503	0.0502
(3303) - New Castle Unit 3	3,293	3,536	93.1%	2,075		8		16	68,590	4,251	16.1	259	$ 367,896	$ 1,420.94	12.7195	0.0480
(3304) - Liberty Unit 4	1,574	1,875	83.9%	3,537		7		14	53,209	3,232	16.5	186	$ 231,630	$ 1,243.58	8.4492	0.0296
(3500) - Tipton Sub	8,833	8,195	107.8%	32,683	31	28	54	56	232,019	13,828	16.8	1,056	$ 1,306,715	$ 1,238.01	8.3688	0.0381
(3501) - Tipton Unit 1	2,333	2,181	107.0%	2,958		6		12	72,015	4,030	17.9	359	$ 388,908	$ 1,083.43	6.4990	0.0324
(3502) - Kokomo Unit 2	2,083	2,449	85.1%	550		8		16	53,914	3,563	15.1	177	$ 333,807	$ 1,887.09	11.7778	0.0386
(3503) - Westfield Unit 3	2,129	1,900	112.1%	1,175		6		12	47,016	2,568	18.3	247	$ 251,369	$ 1,018.56	8.6268	0.0453
(3504) - Fortville Unit 4	2,288	1,667	137.3%	28,000		8		16	59,075	3,668	16.1	273	$ 332,631	$ 1,219.05	8.3853	0.0387
(3600) - Albany Sub	12,233	11,321	108.1%	57,575	35	34	68	68	274,754	15,865	17.3	1,089	$ 1,443,463	$ 1,325.91	11.2364	0.0445
(3600) - Albany Sub	2,131		#DIV/0!			-		-	49,668	3,318	15.0	-	$ 289,061	#DIV/0!	#DIV/0!	0.0429
(3601) - Muncie Unit 1	4,004	4,051	98.8%	49,240		9		18	78,493	4,751	16.5	219	$ 450,875	$ 2,057.95	18.2762	0.0510
(3603) - Portland Unit 3		2,239	0.0%			9		18			#DIV/0!	359		$ -	-	#DIV/0!
(3604) - Winchester Unit 4	2,786	2,267	122.9%	785		8		16	76,096	3,857	19.7	251	$ 343,027	$ 1,364.20	11.0797	0.0366
(3605) - Alexandria Unit 5	3,312	2,763	119.9%	7,550		8		16	70,497	3,939	17.9	259	$ 360,499	$ 1,393.56	12.8013	0.0470

Trucks & CDL Drivers updated: 30-Mar

LaPorte District Winter Report

	Salt Usage (STN)				Trucks		CDL Drivers									
	Total	FY09 Usage	% Used	Brine Usage (GAL)	Avail	Reqd one per Snow Rte	Avail	Reqd two per Snow Rte	Service Miles 2630/2660 Accomp	Man Hours 2630/2660 MHR	Service Miles per Man-Hr (MIL/MHR)	Total Lane Miles (LNM)	Total Cost ($)	Total Cost per Lane Mile ($/LNM)	Salt Used per Lane Mile (STN/LNM)	Salt Used per Service Mile (STN/Svc Mile)
District Totals	79,893	84,388	94.7%	683,207	205	193	336	386	1,779,301	96,915	18.4	5,106	$ 9,805,989	$ 1,920.57	15.6477	0.0449
(4100) - LaPorte Sub	22,331	25,899	86.2%	128,149	50	43	84	86	480,356	25,270	19.0	1,074	$ 2,517,275	$ 2,344.88	20.8021	0.0465
(4101) - LaPorte Unit 1	6,927	7,790	88.9%	57,183		10		20	124,020	6,936	17.9	287	$ 726,800	$ 2,532.85	24.1408	0.0559
(4103) - Mich City Unit 3	5,466	5,557	98.4%	24,192		11		22	122,901	6,490	18.9	219	$ 619,050	$ 2,821.30	24.9129	0.0445
(4104) - Wanatah Unit 2	3,434	5,192	66.1%	28,065		10		20	104,643	4,941	21.2	267	$ 447,554	$ 1,679.06	12.8845	0.0328
(4106) - Chesterton Unit 4	6,504	7,360	88.4%	18,709		12		24	128,792	6,903	18.7	301	$ 723,870	$ 2,408.08	21.6351	0.0505
(4200) - Monticello Sub	5,399	3,480	155.2%	277,596	25	21	33	42	165,629	8,475	19.5	678	$ 825,954	$ 1,217.63	7.9591	0.0326
(4201) - Monticello Unit 1	1,540	1,065	144.6%	95,247		7		14	57,937	2,901	20.0	254	$ 268,641	$ 1,059.39	6.0719	0.0266
(4202) - Logansport Unit 2	2,658	1,320	201.4%	178,203		9		18	71,669	3,743	19.2	241	$ 388,368	$ 1,611.15	11.0284	0.0371
(4203) - Flora Unit 3	1,201	1,095	109.7%	4,146		5		10	36,023	1,832	19.7	184	$ 168,946	$ 919.68	6.5369	0.0333
(4300) - Plymouth Sub	18,742	22,731	82.5%	102,428	31	34	62	68	372,632	19,982	18.6	813	$ 2,159,834	$ 2,655.67	23.0443	0.0503
(4301) - Plymouth Unit 1	8,834	10,269	86.0%	42,132		15		30	201,354	9,940	20.3	484	$ 1,059,698	$ 2,189.37	18.2514	0.0439
(4302) - Mishawaka Unit 2	9,908	12,462	79.5%	60,296		19		38	171,278	10,042	17.1	329	$ 1,100,136	$ 3,341.14	30.0898	0.0578
(4400) - Rensselaer Sub	9,358	9,909	94.4%	151,283	24	22	43	44	203,331	10,905	18.6	780	$ 1,187,047	$ 1,521.07	11.9913	0.0460
(4401) - Kentland Unit 1	3,172	2,818	112.6%	21,925		7		14	70,459	3,275	21.5	262	$ 394,720	$ 1,505.42	12.0976	0.0450
(4402) - Rensselaer Unit 2	2,736	3,298	83.0%	86,490		7		14	66,411	3,782	17.6	256	$ 360,395	$ 1,406.36	10.6767	0.0412
(4403) - Roselawn Unit 3	3,450	3,792	91.0%	42,868		8		16	66,461	3,849	17.3	262	$ 431,932	$ 1,648.97	13.1710	0.0519
(4600) - Winamac Sub	5,881	5,948	98.9%	241,038	25	23	27	46	268,042	10,159	26.4	779	$ 981,289	$ 1,259.61	7.5487	0.0219
(4601) - Winamac Unit 1	2,129	2,226	95.7%	187,380		8		16	101,893	3,948	25.8	302	$ 365,704	$ 1,210.46	7.0483	0.0209
(4602) - Rochester Unit 2	2,215	1,930	114.7%	18,208		8		16	88,771	3,150	28.2	216	$ 338,959	$ 1,565.78	10.2306	0.0249
(4603) - Medaryville Unit 3	1,537	1,793	85.7%	35,450		7		14	77,378	3,061	25.3	260	$ 276,626	$ 1,062.15	5.8999	0.0199
(4700) - Gary Sub	23,582	19,901	118.5%	60,310	50	50	87	100	289,312	22,124	13.1	981	$ 2,134,590	$ 2,175.53	24.0339	0.0815
(4701) - Crown Point Unit 1	6,845	6,014	113.8%	36,875		14		28	78,318	5,961	13.1	316	$ 591,767	$ 1,871.26	21.6460	0.0874
(4702) - Miller Unit 2	6,470	5,132	126.1%	21,210		11		22	90,402	5,624	16.1	208	$ 578,204	$ 2,777.42	31.0798	0.0716
(4703) - Gary Unit 3	3,876	3,745	103.5%	225		13		26	53,289	5,202	10.2	278	$ 433,751	$ 1,560.82	13.9466	0.0727
(4704) - Freeway Unit 4	6,390	5,010	127.6%	2,000		12		24	67,303	5,338	12.6	179	$ 530,869	$ 2,968.07	35.7281	0.0949

Trucks & CDL Drivers updated: 29-Mar

Seymour District Winter Report

	Salt Usage (STN)				Trucks		CDL Drivers									
	Total	FY09 Usage	% Used	Brine Usage (GAL)	Avail	Reqd one per Snow Rte	Avail	Reqd two per Snow Rte	Service Miles 2630/2660 Accomp	Man Hours 2630/2660 MHR	Service Miles per Man-Hr (MIL/MHR)	Total Lane Miles (LNM)	Total Cost ($)	Total Cost per Lane Mile ($/LNM)	Salt Used per Lane Mile (STN/LNM)	Salt Used per Service Mile (STN/Svc Mile)
District Totals	43,520	39,506	110.2%	847,861	174	161	328	322	738,886	47,889	15.4	4,825	$ 4,231,236	$ 876.97	9.0199	0.0589
(5100) - Aurora Sub	6,760	7,723	87.5%	66,485	29	27	52	54	124,572	8,440	14.8	855	$ 672,467	$ 786.76	7.9094	0.0543
(5101) - Penntown Unit 1	2,012	2,181	92.2%	25,500		8		16	47,666	2,691	17.7	229	$ 223,704	$ 975.77	8.7760	0.0422
(5102) - Aberdeen Unit 2	977	1,327	73.6%	9,250		5		10	16,873	1,500	11.3	203	$ 110,719	$ 545.20	4.8085	0.0579
(5103) - Aurora Unit 3	2,466	2,369	104.1%	17,000		9		18	29,221	1,998	14.6	263	$ 192,108	$ 730.51	9.3763	0.0844
(5104) - Brookville Unit 4	1,306	1,845	70.8%	14,735		5		10	30,813	2,252	13.7	159	$ 145,935	$ 915.47	8.1936	0.0424
(5200) - Bloomington Sub	7,903	6,903	114.5%	72,326	25	24	46	48	92,043	6,808	13.5	608	$ 660,623	$ 1,086.34	12.9963	0.0859
(5201) - Spencer Unit 1	1,665	1,538	108.3%	8,086		4		8	16,418	1,332	12.3	117	$ 131,432	$ 1,124.31	14.2453	0.1014
(5202) - Martinsville Unit 2	1,923	1,585	121.3%	36,340		8		16	32,217	2,028	15.9	163	$ 189,232	$ 1,160.43	11.7922	0.0597
(5203) - Bloomington Unit 3	3,107	2,713	114.5%	14,650		9		18	30,377	2,528	12.0	205	$ 247,258	$ 1,204.08	15.1288	0.1023
(5204) - Beanblossom Unit 4	1,208	1,067	113.3%	13,250		3		6	13,031	920	14.2	123	$ 92,701	$ 754.89	9.8404	0.0927
(5300) - Columbus Sub	11,273	10,624	106.1%	313,190	43	39	86	78	233,234	13,382	17.4	1,094	$ 1,097,922	$ 1,003.90	10.3080	0.0483
(5301) - Greensburg Unit 1	2,805	2,378	118.0%	83,650		7		14	52,067	2,683	19.4	223	$ 246,076	$ 1,105.61	12.6049	0.0539
(5302) - Amity Unit 2	3,077	3,316	92.8%	67,250		11		22	69,010	3,878	17.8	266	$ 338,955	$ 1,272.88	11.5541	0.0446
(5303) - Columbus Unit 3	3,418	2,636	129.7%	121,550		13		26	68,888	4,128	16.7	365	$ 306,461	$ 838.77	9.3535	0.0496
(5304) - Brownstown Unit 4	1,974	2,295	86.0%	40,740		8		16	43,269	2,693	16.1	239	$ 206,431	$ 862.18	8.2433	0.0456
(5400) - Fall City Sub	9,903	7,359	134.6%	197,390	44	41	77	82	142,844	10,172	14.0	1,191	$ 1,008,438	$ 847.04	8.3181	0.0693
(5401) - New Albany Unit 1	2,886	2,121	136.0%	37,190		10		20	35,798	2,321	15.4	232	$ 251,726	$ 1,085.21	12.4409	0.0806
(5402) - Sellersburg Unit 2	2,617	1,461	179.2%	44,050		12		24	33,998	2,990	11.4	352	$ 290,376	$ 824.74	7.4334	0.0770
(5403) - Corydon Unit 3	2,771	2,179	127.1%	91,150		13		26	50,402	3,216	15.7	428	$ 306,903	$ 717.50	6.4771	0.0550
(5404) - Salem Unit 4	1,630	1,598	102.0%	25,000		6		12	22,646	1,646	13.8	179	$ 159,433	$ 891.88	9.1161	0.0720
(5500) - Madison Sub	7,679	6,898	111.3%	198,470	33	30	67	60	146,193	9,088	16.1	1,078	$ 791,787	$ 734.64	7.1252	0.0525
(5501) - Madison Unit 1	1,924	2,241	85.9%	73,253		8		16	38,795	2,375	16.3	246	$ 203,191	$ 826.92	7.8282	0.0496
(5502) - North Vernon Unit 2	1,234	1,006	122.7%	38,120		5		10	25,169	1,764	14.3	173	$ 147,435	$ 851.14	7.1262	0.0490
(5503) - Versailles Unit 3	1,552	1,854	83.7%	23,600		5		10	32,914	2,035	16.2	207	$ 166,921	$ 806.69	7.5024	0.0472
(5504) - Scottsburg Unit 4	2,969	1,798	165.2%	63,497		12		24	49,316	2,914	16.9	452	$ 274,239	$ 606.82	6.5699	0.0602

Trucks & CDL Drivers updated: 29-Mar

Vincennes District Winter Report

	Salt Usage (STN)				Trucks		CDL Drivers									
	Total	FY09 Usage	% Used	Brine Usage (GAL)	Avail	Reqd one per Snow Rte	Avail	Reqd two per Snow Rte	Service Miles 2630/2660 Accomp	Man Hours 2630/2660 MHR	Service Miles per Man-Hr (MIL/MHR)	Total Lane Miles (LNM)	Total Cost ($)	Total Cost per Lane Mile ($/LNM)	Salt Used per Lane Mile (STN/LNM)	Salt Used per Service Mile (STN/Svc Mile)
District Totals	39,177	26,012	150.6%	308,044	162	154	307	308	593,326	34,305	17.3	4,790	$ 3,962,800	$ 827.34	8.1792	0.0660
(6100) - Linton Sub	8,218	5,054	162.6%	33,310	23	22	44	44	127,446	6,593	19.3	767	$ 844,398	$ 1,100.65	10.7124	0.0645
(6101) - Linton Unit 1	1,925	1,155	166.7%	33,310		6		12	36,520	1,907	19.2	188	$ 214,021	$ 1,135.93	10.2189	0.0527
(6102) - Bloomfield Unit 2	2,592	1,611	160.9%			7		14	38,165	2,066	18.5	244	$ 264,048	$ 1,083.90	10.6389	0.0679
(6103) - Paxton Unit 3	3,701	2,288	161.8%			9		18	52,761	2,621	20.1	335	$ 366,329	$ 1,093.00	11.0432	0.0702
(6300) - Evansville Sub	5,581	3,732	149.6%	112,850	36	38	73	76	107,870	6,780	15.9	956	$ 673,785	$ 704.61	5.8366	0.0517
(6301) - Evansville Unit 1	1,152	820	140.6%	23,000		9		18	24,574	1,702	14.4	157	$ 153,890	$ 981.50	7.3474	0.0469
(6302) - Boyle Lane Unit 2	1,702	1,195	142.5%	73,500		9		18	29,403	1,870	15.7	249	$ 199,322	$ 800.40	6.8335	0.0579
(6303) - Poseyville Unit 3	1,658	853	194.4%			10		20	28,121	1,600	17.6	306	$ 178,243	$ 583.16	5.4245	0.0590
(6304) - Chandler Unit 4	1,070	865	123.6%	16,350		10		20	25,772	1,609	16.0	245	$ 142,329	$ 581.46	4.3692	0.0415
(6305) - Mt Vernon Unit			#DIV/0!			-		-			#DIV/0!	-		#DIV/0!	#DIV/0!	#DIV/0!
(6400) - Paoli Sub	9,567	6,437	148.6%	39,764	33	30	60	60	121,578	7,734	15.7	913	$ 910,376	$ 997.19	10.4793	0.0787
(6401) - Paoli Unit 1	2,633	1,935	136.1%	8,100		7		14	35,149	1,954	18.0	241	$ 233,568	$ 967.23	10.9030	0.0749
(6402) - Shoals Unit 2	1,787	1,271	140.5%	10,901		6		12	28,014	1,795	15.6	181	$ 208,007	$ 1,150.61	9.8833	0.0638
(6403) - Bedford Unit 3	3,346	2,316	144.5%	16,500		9		18	31,699	2,129	14.9	274	$ 286,505	$ 1,045.49	12.2112	0.1056
(6404) - Jasper Unit 4	1,801	915	196.9%	4,263		8		16	26,716	1,856	14.4	217	$ 182,296	$ 841.47	8.3138	0.0674
(6500) - Tell City Sub	9,605	5,446	176.4%	22,200	38	35	69	70	114,767	6,780	16.9	1,254	$ 853,011	$ 680.31	7.6606	0.0837
(6501) - Grantsburg Unit 1	2,033	759	267.9%			6		12	24,121	1,471	16.4	210	$ 181,515	$ 865.84	9.6976	0.0843
(6502) - Derby Unit 2	1,289	942	136.9%			6		12	19,464	1,165	16.7	195	$ 143,358	$ 735.85	6.6138	0.0662
(6503) - Birdseye Unit 3	1,833	1,038	176.7%	15,050		6		12	20,318	1,275	15.9	197	$ 148,844	$ 756.70	9.3207	0.0902
(6504) - Dale Unit 5	2,383	1,705	139.7%	5,400		9		18	26,344	1,547	17.0	346	$ 198,837	$ 574.07	6.8791	0.0904
(6505) - Chrisney Unit 4	2,068	1,003	206.2%	1,750		8		16	24,521	1,322	18.6	306	$ 180,458	$ 589.08	6.7501	0.0843
(6600) - Vincennes Sub	6,205	5,343	116.1%	99,920	32	29	61	58	121,665	6,419	19.0	900	$ 681,229	$ 757.29	6.8975	0.0510
(6601) - Petersburg Unit 1	1,199	1,032	116.1%	17,600		5		10	22,122	1,102	20.1	186	$ 129,655	$ 698.04	6.4526	0.0542
(6602) - Vincennes Unit 2	2,126	1,564	135.9%	53,420		12		24	45,510	2,318	19.6	317	$ 237,198	$ 748.59	6.7096	0.0467
(6603) - Washington Unit 3	1,505	1,212	124.1%	6,800		6		12	27,704	1,559	17.8	165	$ 162,068	$ 982.11	9.1186	0.0543
(6604) - Princeton Unit 4	1,376	1,535	89.6%	22,100		6		12	26,330	1,441	18.3	232	$ 152,308	$ 656.67	5.9304	0.0522

Trucks & CDL Drivers updated: 29-Mar

Winter Maintenance Report
FY 2010

Appendix D
State Snow Removal Mileage Summary
3/9/10

State Snow Removal Mileage Summary

Source Data from WMS

3/9/2010

	Past Week: 02/28/10 - 03/06/10			Year to Date 11/20/09 - 03/06/10			Last Fiscal Year 11/21/08 - 03/07/09		
Management Unit	**Mileage**	**MHrs**	**Productivity**	**Mileage**	**MHrs**	**Productivity**	**Mileage**	**MHrs**	**Productivity**
(1100) - TERRE HAUTE SUBDISTRICT (PS065128)	0	0	0.00	80,511	4,271	18.85	54,347	2,986	18.20
(1200) - CRAWFORDSVILLE SUBDISTRICT (PS065129)	245	10	25.79	195,826	10,772	18.18	136,726	7,685	17.79
(1300) - FOWLER SUBDISTRICT (PS065130)	732	34	21.85	201,187	9,503	21.17	181,849	9,173	19.82
(1400) - FRANKFORT SUBDISTRICT (PS065131)	0	0	0.00	226,479	11,209	20.21	169,167	9,053	18.69
(1500) - CLOVERDALE SUBDISTRICT (PS065132)	0	0	0.00	190,524	10,277	18.54	126,889	7,439	17.06
(1000) - CRAWFORDSVILLE DISTRICT (PS065120)	**977**	**43**	**22.72**	**894,526**	**46,031**	**19.43**	**668,978**	**36,337**	**18.41**
(2200) - ELKHART SUBDISTRICT (PS065144)	107	8	13.38	175,244	10,008	17.51	172,857	10,713	16.14
(2300) - FORT WAYNE SUBDISTRICT (PS065145)	0	0	0.00	234,435	13,897	16.87	249,715	15,562	16.05
(2400) - ANGOLA SUBDISTRICT (PS065146)	0	0	0.00	185,093	9,603	19.27	194,167	11,456	16.95
(2500) - WABASH SUBDISTRICT (PS065147)	1,467	73	20.10	264,802	14,126	18.75	260,984	14,838	17.59
(2600) - BLUFFTON SUBDISTRICT (PS065148)	554	23	24.35	254,421	12,914	19.70	258,061	13,167	19.60
(2000) - FORT WAYNE DISTRICT (PS065134)	**2,128**	**104**	**20.51**	**1,113,994**	**60,547**	**18.40**	**1,135,785**	**65,737**	**17.28**
(3100) - INDIANAPOLIS SUBDISTRICT (PS065158)	1,296	44	29.45	375,500	18,448	20.36	266,152	15,747	16.90
(3200) - GREENFIELD SUBDISTRICT (PS065159)	564	20	28.20	270,024	16,662	16.21	191,020	12,347	15.47
(3300) - CENTERVILLE SUBDISTRICT (PS065160)	1,052	37	28.43	226,220	13,651	16.57	192,787	14,094	13.68
(3500) - TIPTON SUBDISTRICT (PS065162)	0	0	0.00	194,674	11,571	16.82	135,691	9,298	14.59
(3600) - ALBANY SUBDISTRICT (PS065163)	204	8	27.20	262,308	15,195	17.26	202,707	12,281	16.51
(3000) - GREENFIELD DISTRICT (PS065149)	**3,116**	**109**	**28.72**	**1,328,725**	**75,525**	**17.59**	**988,358**	**63,767**	**15.50**
(4100) - LAPORTE SUBDISTRICT (PS065174)	2,659	129	20.61	448,294	23,859	18.79	428,461	24,607	17.41
(4200) - MONTICELLO SUBDISTRICT (PS065175)	260	15	17.33	147,786	7,705	19.18	139,213	7,439	18.72
(4300) - PLYMOUTH SUBDISTRICT (PS065176)	812	47	17.46	348,899	18,748	18.61	356,784	19,535	18.26
(4400) - RENSSELAER SUBDISTRICT (PS065177)	0	0	0.00	178,844	9,549	18.73	149,239	8,249	18.09
(4600) - WINAMAC SUBDISTRICT (PS065179)	290	13	23.20	252,640	9,639	26.21	243,919	9,912	24.61
(4700) - GARY SUBDISTRICT (PS065180)	650	36	18.18	279,135	20,580	13.56	225,395	15,673	14.38
(4000) - LAPORTE DISTRICT (PS065164)	**4,671**	**239**	**19.56**	**1,655,597**	**90,078**	**18.38**	**1,543,011**	**85,413**	**18.07**
(5100) - AURORA SUBDISTRICT (PS065190)	1,363	80	17.14	123,893	8,634	14.35	94,358	6,193	15.24
(5200) - BLOOMINGTON SUBDISTRICT (PS065191)	0	0	0.00	81,155	5,845	13.88	67,528	5,214	12.95
(5300) - COLUMBUS SUBDISTRICT (PS065192)	544	33	16.74	198,938	11,856	16.78	169,486	9,230	18.36
(5400) - FALL CITY SUBDISTRICT (PS065193)	0	0	0.00	106,983	7,531	14.21	64,814	5,097	12.72
(5500) - MADISON SUBDISTRICT (PS065503)	0	0	0.00	127,603	7,901	16.15	120,568	8,223	14.66
(5000) - SEYMOUR DISTRICT (PS065181)	**1,907**	**112**	**17.03**	**638,572**	**41,766**	**15.29**	**516,754**	**33,957**	**15.22**
(6100) - LINTON SUBDISTRICT (PS065205)	0	0	0.00	108,170	5,788	**18.69**	84,104	4,717	17.83
(6300) - EVANSVILLE SUBDISTRICT (PS065207)	0	0	0.00	73,165	4,719	15.50	68,620	4,370	15.70
(6400) - PAOLI SUBDISTRICT (PS065208)	0	0	0.00	85,858	5,466	15.71	67,844	4,998	13.57
(6500) - TELL CITY SUBDISTRICT (PS065209)	0	0	0.00	99,602	6,006	16.58	67,922	4,157	16.34
(6600) - VINCENNES SUBDISTRICT (PS065210)	0	0	0.00	86,516	4,949	17.48	76,714	4,377	17.53
(6000) - VINCENNES DISTRICT (PS065196)	**0**	**0**	**0.00**	**453,310**	**26,928**	**16.83**	**365,203**	**22,619**	**16.15**
Statewide Total Mileage	**12,799**	**606**	**21.12**	**6,084,726**	**340,875**	**17.85**	**5,218,088**	**307,829**	**16.95**