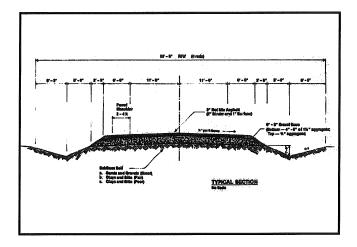
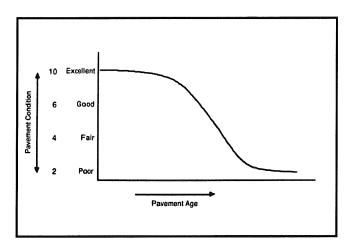
TOWN OF HARDING ROAD SURFACE MANAGEMENT PLAN



PASER

Pavement Surface Evaluation and Rating



Prepared October 2008 by:
NORTH CENTRAL WISCONSIN REGIONAL PLANNING COMMISSION
210 McClellan St., Ste 210, Wausau, WI 54403/ph 715-849-5510/www.ncwrpc.org

		Values of physics and account
		"H==ditendenmonomics
		Volen-understandelskoonser
		Casana ana any asy and demokratica
		America according to the control of
		The state of the s
		** ** ** ** ** ** ** ** ** ** ** ** **
		*Constitution to constitution and all and a second and a
		Vanasionalastita acosteate
		** ** ** ** ** ** ** ** ** ** ** ** **
		Vanadalaka-danonyanan
		Janifassarvianammerskin
		Valdensideral namedal
		Vintoatinaanssassilantali
		*inklassassidelmedimensed
		Vigaria di Salatania di Salatan
		*** *** *** *** *** *** *** *** *** **

TOWN OF HARDING, WISCONSIN ROAD SURFACE MANAGEMENT PLAN

TABLE OF CONTENTS

CHAPTER 1	Road Surface Management Plan Overview	Page 3
	Introduction Purpose of Road Surface Management Plan Intended Road Surface Management Plan Results	3
CHAPTER 2	Town of Harding's Existing Roadway System	5
	Existing SystemFunctional Classification System	5 5
CHAPTER 3	Road Surface Management Plan Results	7
	Pavement Surface Evaluation and Rating	8
CHAPTER 4	Roadway Practices and Recommended Improvements	10
	General Maintenance and Improvement Practices	10 ∋12

Appendix A WISLR Road Inventory

Appendix B PASER Rating System

Appendix C Town Road Map

LIST OF TABLES

	Page
Table 1	Asphalt Surface Rating Condition & Suggested Improvement8
Table 2	Gravel Surface Rating Condition & Suggested Improvement8
	LIST OF FIGURES
Figure 1	Town of Harding Functional Classification Miles6
Figure 2	Percent of Paved Roads – By Surface Rating7
Figure 3	Percent of Unpaved Roads – By Surface Rating7
Figure 4	Typical Pavement Condition Life Cycle9

CHAPTER 1 ROAD SURFACE MANAGEMENT PLAN OVERVIEW

INTRODUCTION

A road surface management plan for a local road network provides a town with the ability to plan for future road surface improvements. With a road surface management plan in place, the limited resources allocated to local roads can be better spent. The overall goal of the Road Surface Management Plan is to help the town make better decisions on the improvements to the local road system. This document contains information vital to the review and rating of the Town of Harding's highway system. Thus, the Road Surface Management Plan will assist in preserving and rehabilitating the existing town road system in a timely and cost-effective manner.

A review of each town road was performed by a representative from the North Central Wisconsin Regional Planning Commission (NCWRPC). Information necessary to complete the road surface management plan was collected during the summer of 2007 using a pavement surface evaluation and rating system. The on-site roadway review was performed following Wisconsin DOT's Plat Record Maps.

PURPOSE OF ROAD SURFACE MANAGEMENT PLAN

A Road Surface Management Plan helps local government officials respond to growing pressures from constituents to repair roads and upgrade the quality of roads by providing documented information on suggested priorities for improvement and reliable estimates of current and future costs of maintaining and improving the quality of the local road system.

Road Surface Management Plans help local officials allocate scarce resources, which are caused by some of the following:

- 1. Negative public attitudes towards higher property taxes;
- 2. The historic limits on state and federal revenues to local governments to keep pace with increasing costs of providing local services;
- 3. An increase in street maintenance and construction costs which have outstripped the available public resources;
- 4. Historic local budget difficulties have resulted in deferred maintenance on local street systems, thus compounding needs for additional local resources; and/or
- 5. Some local units of government have not used their scarce dollars in a wise manner. Local politics and poor decision-making have, in some cases, resulted in funds being spent in the wrong places or in an inefficient manner.

The objectives for using a pavement management system include:

- 1. A better understanding of pavement conditions by completing an overall field inventory;
- 2. An evaluation of causes of pavement conditions by the roadway segments' corresponding rating and analysis of distress;
- 3. Through improved decision making by taking advantage of preventative maintenance and selection of the most effective repair or rehabilitation;
- Better communication of needs and strategies to decision makers as a tool to explain needs and convince elected officials and the public that adequate budgets are needed;
- 5. Long-term planning helps local governments coordinate pavement needs and scheduling with other budget and policy decisions.

INTENDED ROADWAY MANAGEMENT PLAN RESULTS

The results of the Road Surface Management Plan are intended to assist the Town of Harding in developing a road surface improvement program whereby the limited transportation dollars allocated yearly can be spent more wisely. Through this effort, a better transportation system will be realized over time. A road surface management plan can also assist in vying for additional county, state or federal funding.

In addition, towns must report to the Wisconsin Department of Transportation an assessment of the physical condition of the roads under their jurisdiction. The assessment must be completed biennially and must be completed using a WisDOT approved pavement rating system. This surface condition assessment was completed and submitted to WisDOT as part of the road surface management plan process.

CHAPTER II TOWN OF HARDING'S EXISTING ROADWAY SYSTEM

EXISTING SYSTEM

Prior to the development of a Road Surface Management Plan, an inventory of the existing system must be completed. This inventory will assist in cataloging the roadway characteristics by roadway segment and surface type. The field data collected will be used as a benchmark to establish the prioritization of the existing roadway system and will assist in the development of recommended improvements to the local road system.

The Wisconsin Department of Transportation (WisDOT) maintains a roadway characteristic inventory on all local roads eligible to receive state funding through the transportation aids program, see Appendix A. This data file is used as the basis for beginning the Road Surface Management Plan. From the base data already collected by the state, a review of the road system may note changes in the roadway characteristics. Thus, this information is updated and represented as such in the data sheets found in the back of this document. The state's inventory of the roadway system includes such features as:

- 1. Segment length;
- 2. Surface type (i.e. earth, gravel, asphalt, or concrete);
- 3. Functional classification; and
- Surface and shoulder width.

The review of the town road system was completed following the Wisconsin DOT Plat Record Maps and corresponding data provided by WisDOT for each roadway segment.

FUNCTIONAL CLASSIFICATION SYSTEM

Town of Harding's roads perform varied functions from moving goods and people within the community or through the community. These roads differ from one-another and are characterized by a functional classification system. In the development of this Road Surface Management Plan, the functional classification of the roads is described as follows:

<u>Arterials</u>: Arterials provide service to moderate sized communities and other intra-area traffic generators (schools, churches, employment or service centers) and link those generators to nearby larger population concentrations or major federal or state highways.

<u>Collectors</u>: Collectors provide service to remaining population concentrations not served by higher classified routes, link the locally important traffic generators (schools, churches, and employment and service centers) with the rural hinterland, and are spaced consistent with population density so as to collect traffic from local roads and bring developed areas within a reasonable distance of a higher classified road.

<u>Local Roads</u>: Local roads provide access to adjacent land and provide for travel over relatively short distances. All roads not classified as arterials or collectors will be local functional roads.

The functional classification mileage of the County system is depicted in Figure 1.

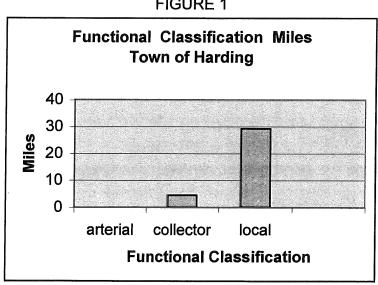


FIGURE 1

By way of comparison, most county highways are in the collector category, and most state trunk and federal routes are arterials. The classification of roads indicates a number of factors regarding the nature of the road for roadway management such as:

- 1. Role the road plays in providing mobility (through traffic) as opposed to providing access to adjoining property.
- 2. Amount of development adjacent to a roadway. The more adjoining development, the higher the classification. The nature of the development must also be considered here. In the case of development that would serve a high number of trips, such as commercial, industrial, or institutional a road could be considered for a higher classification.
- 3. The average daily traffic on the road. Generally, the higher the traffic the higher the classification.

CHAPTER III ROADWAY MANAGEMENT PLAN RESULTS

PAVEMENT SURFACE EVALUATION AND RATING

The data reported in this Road Surface Management Plan was produced using the Pavement Analysis Tool within the Wisconsin Information System for Local Roads (WISLR). Critical to the development of the surface condition rating of each roadway segment, was a uniform and consistent set of criteria used in evaluating and assigning a value to each roadway segment. To achieve this consistent evaluation, the Pavement Surface Evaluation and Rating (PASER) system developed by the University of Wisconsin - Madison, Transportation Information Center was utilized, see Appendix B. The consistency in evaluating each roadway segment is critical since this information will lead to the development of future improvements needed to the local system.

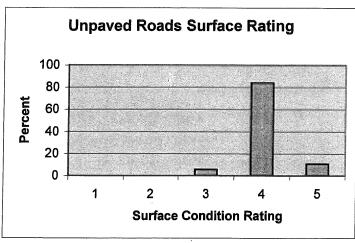
Based upon the WISLR data collected, there are 33.83 miles of road on the Town's system. On this system, about 16 percent are paved and 84 percent are unpaved surfaces. FIGURE 2 depicts the surface condition ratings of the town's paved roads, and FIGURE 3 shows the unpaved.

Paved Roads Surface Rating

40
30
10
1 2 3 4 5 6 7 8 9 10
Surface Condition Rating

FIGURE 2





These ratings indicate that the system is in relatively sound condition and not in need of any immediate structural improvements. Only about 2 miles of road are in need of a preservative treatment such as a sealcoat. Over 10 percent of the system is currently in need of no maintenance. The vast majority (over 80%) of the system currently is in need of only minor, routine maintenance.

PAVEMENT SURFACE NEEDS ANALYSIS

Pavement management is a systematic process that uses roadway data to facilitate development of cost-effective maintenance and improvement programs. The WISLR Pavement Analysis Tool takes a "value-based" approach to pavement management. The objective of this approach is to get more value (cost-effectiveness) from improvement expenditures by getting more pavement life at a lower cost and improving ride quality.

Accomplishing this objective requires selecting the right projects and applying the right fix at the right time.

The surface condition rating value and corresponding suggested improvements for asphalt (paved) roads are represented in TABLE 1 and gravel (unpaved) in TABLE 2.

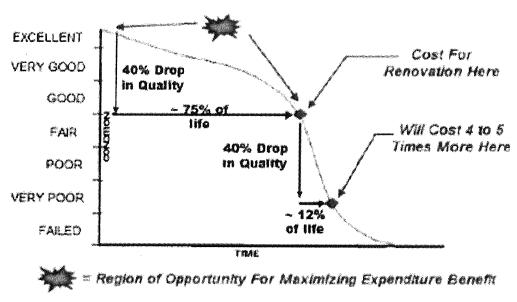
TABLE 1 ASPHALT SURFACE RATING CONDITION & SUGGESTED IMPROVEMENT		
RATING ACTION REQUIRED		
10 – 9	No Maintenance Required	
8	Little or No Maintenance Required	
7 Crack Filling		
6 - 5	Preservative Treatment (sealcoat)	
4 – 3	Structural Improvement (overlay or recycling)	
2 - 1	Reconstruction	

TABLE 2 GRAVEL SURFACE RATING CONDITION & SUGGESTED IMPROVEMENT		
RATING ACTION REQUIRED		
5 – 4	Routine Maintenance	
3	Minor Ditching/Add Gravel	
2	Add Gravel/Drainage Improvement	
1	Reconstruction	

PROJECT PRIORITIZATION

WISLR prioritization emphasizes treating pavements in the "region of opportunity" (see Figure 4) because pavements in this condition range can typically be maintained at a much lower cost per year of service life extension. However, the WISLR model also places priority on roadway classification, recognizing that the most important roads in poor to failed condition can't be ignored. The combined effect of this dual-priority approach is intended to select projects based on both cost-effectiveness and importance to overall system function.

Typical Pavement Condition Life Cycle



Source: WisDOT

This approach provides a reasonable starting point for programming within a constrained budget. Ultimately project selection will need to incorporate other important factors not included in the WISLR data such as safety, utilities, roughness, etc.

The intent of the WISLR pavement analysis tool is to provide abundant pavement condition and budget impact information in order to aid in project selection and in order to help substantiate budget levels.

		Tayonia, and
		· · · · · · · · · · · · · · · · · · ·
		Commission of the Commission o
		Annual de la constante de la c
		(
		{
		*

CHAPTER IV ROADWAY PRACTICES AND RECOMMENDED IMPROVEMENTS

GENERAL MAINTENANCE AND IMPROVEMENT PRACTICES

The maintenance and improvement of local roads is critical to having a sustainable roadway system. Building good roads result in longer lasting roads.

Building good roads is basic to having a local roadway system that will carry vehicles safely and efficiently, and that save money by lowering future improvement costs. What are some of the basic concepts of building good roads that will last? Below is a list of ten basic concepts to follow when building roads.

- 1. Get water away from the road. Good drainage is critical to making a good road. It has been estimated that nearly 90% of a road's problems can be attributed to excess water or to poor water drainage. Effective drainage systems divert, drain, and dispose of water along a roadway. These drainage systems use interceptor ditches and slopes, roadway crowns, and ditch and culvert systems. Interceptor ditches, located between the road and higher ground, divert the water by sloping away from the road so that the water does not reach the roadway. Crowning a roadway assists in moving water off the roadway to the interceptor ditch. Typically, a gravel roadway crown should be 1/2" higher than the shoulder for each foot of width from the centerline to the edge. A paved road crown should be 1/4" higher than the shoulder for each foot of width from the centerline to the edge. Too much water remaining on a roadway surface, or in the subbase and subgrade combine with the action of traffic to create potholes, cracks, and pavement failure. Ditches and culverts dispose of water by carrying it away form the road structure. Ditches should be one foot lower than the base of the road. Improper drainage can allow water to seep under the roadway creating the potential for future roadway failures. A rule of thumb is that one-dollar spent on proper roadway drainage will save two dollars on maintenance.
- 2. <u>Building a firm foundation</u>. A roads foundation is important to the life of your road. A road wears out from the top down but falls apart from the bottom. The subgrade and subbase layer of a road support the entire roadway and traffic using it.
- 3. <u>Use the best material</u>. When it comes to using materials in the construction or improvement of a road, you will either "pay for it now or later." The selection of materials for the project will determine how long a road may last. Inferior materials may cause premature improvements or life long maintenance to the road. Crushed aggregate is the best material for a base course as the sharp edges interlock when compacted. Rounded aggregate is a poor base course as they will move under the weight of traffic.

- 4. <u>Compact all layers</u>. Generally, the more densely a material is compacted, the stronger it is. The compaction also helps prevent water moving in and throughout the subbase layer of the roadway. This helps prevent frost heaving and premature deterioration of the roadway. Using gravel with a mix of sizes (well-graded aggregate) allows smaller particles to fill-in the voids created by larger particles.
- 5. <u>Design for traffic loads and volumes</u>. A road should be designed to carry the highest anticipated load. If this load is unknown, the road should be designed to carry the largest maintenance equipment that will be used on the road. A well-constructed and maintained asphalt road should last 20 years without major repairs or reconstruction. One truck with 9 tons on a single rear axle does as much damage to a road as nearly 10,000 cars!
- 6. <u>Design for maintenance</u>. Design you road so that it may be easily maintained by having adequate ditches that can be cleaned regularly, culverts that are marked for future maintenance activities, an area where snow can be plowed onto, proper slopes of the roadway and ditches, ditches that are planted to prevent erosion, and ditches that can be mowed safely.
- 7. Pave only when ready. Every road does not have to be an asphalt road. Laying asphalt on an existing roadway will not fix a gravel road that is failing. Adequate crushed aggregate, drainage, and proper compaction must be in place to support the longevity of an asphalt road. Depending on the subgrade soils of any road, a recommended minimum subbase depth of crushed stone is 10".
- 8. <u>Build form the bottom up</u>. Do not waste material on a top dress or resurface if the problem is actually a subbase or subgrade problem. This method does not correct the problem and will result in unwisely spent funds. Choosing an improvement technique that gets to the root of the problem will be the only thing that makes the roadway better.
- Protect your investment. The local road system often is the Community's largest investment. These maintenance activities are critical to the longevity of a local road:

<u>Surface</u> Grade, shape, patch, seal crack, control dust, remove ice and snow;

<u>Drainage</u> Clean and repair ditches and culverts, remove excess debris; <u>Roadside</u> Cut brush, trim trees and roadside plantings, control erosion; and

Traffic Service Clean and repair or replace signs.

10. <u>Keep good records</u>. Knowing each road's construction, life, and repair history makes it easier to plan and budget for future improvements.

The ten basic concepts discussed above will assist in providing a good roadway system that will be more popular with the local citizens and will likely assist in making the transportation improvement budget cover more miles of road in a given year.

RECOMMENDED FIVE-YEAR IMPROVEMENT SCHEDULE

The 5-year work program is based on input from town officials and a projected improvement budget of \$100,000 each year. The schedule lists projects by road name, proposed treatment and estimated cost. The costs for each project listed may differ from the final project costs. An engineering report is required for projects to be eligible for State LRIP funding. That report will identify the final project costs for each project.

PAVEMENT REHABILITATION SCHEDULE

YEAR 2009

ROAD SEGMENT (from - to)	TREATMENT	MILES	CC	OST EST.
Tesch Rd (Ollhoff Ave - CTH E)	Sealcoat	1.27	\$	16,900
Von Besser Dr (Edward - Alexander Lk)	Sealcoat	0.70	\$	9,200
Camp Ave (CTH E - Co. Forest 701)	Add 2" / Regrade	0.55	\$	15,200
Conservation Ave (CTH E - town line)	Add 2" / Regrade	1.62	\$	38,300
Gravel Pit Ln (CTH E - Tesch Rd)	Add 2" / Regrade	0.78	\$	18,400
Hahn Rd (CTH E - termini)	Add 2" / Regrade	0.11	\$	2,000
·	Total		\$ 1	00,000

YEAR 2010

ROAD SEGMENT (from - to)	TREATMENT	MILES	COST EST.
Edward Dr (Von Besser - termini)	Crack Seal	0.65	\$ 1,700
Kelly Creek Dr (Burma - termini)	Add 2" / Regrade	0.42	\$ 10,000
Tesch Rd (Burma Rd - Gravel Pit Ln)	Add 2" / Regrade	2.09	\$ 49,700
Tesch Rd (Gravel Pit Ln - Ollhoff Ave)	Add 2" / Regrade	0.72	\$ 17,100
Lemmer Dr (Wangen Dr - termini)	Add 2" / Regrade	0.25	\$ 7,000
Wegner Rd (Cranberry Trl - juris.)	Add 2" / Regrade	0.25	\$ 4,600
Kellogg Rd (Conservation - termini)	Add 2" / Regrade	0.27	\$ 3,200
Pickering Dr (Tesch Rd - termini)	Add 2" / Regrade	0.23	\$ 6,700
·	Total	1	\$ 100,000

YEAR 2011

ROAD SEGMENT (from - to)	TREATMENT	MILES	COST EST.
Brook Dr (CTH E - termini)	Crack Seal	0.99	\$ 2,700
Edward Dr (CTH E - Von Besser)	Crack Seal	0.70	\$ 1,900
Ollhoff Ave (CTH E - Tesch Rd)	Add 2" / Regrade	1.00	\$ 20,800
West End Dr (Forks Rd - CTH E)	Add 2" / Regrade	2.00	\$ 47,600
•	Total	1	\$ 73,000*

^{*}Budget additional carryover of approx. \$27,000 for larger project in 2012 - Burma Rd.

YEAR 2012

ROAD SEGMENT (from - to)	TREATMENT	MILES	COST EST.
Burma Rd (CTH E - CTH E)	Add 2" / Regrade	4.54	\$127,000
	Total	ĺ	\$127,000**

^{**}Includes approx. \$27,000 budgeted in 2011.

YEAR 2013

ROAD SEGMENT (from - to)	TREATMENT	MILES	C	OST EST.
Alexander Lk Rd (CTH E - Termini)	Crack Seal	1.10	\$	3,000
Edward Dr (Von Besser - Termini)	Crack Seal	0.65	\$	1,700
Tesch Rd (Ollhoff Ave - CTH E)	Crack Seal	1.27	\$	3,200
Von Besser Dr (Edward - Alexander Lk)	Crack Seal	0.70	\$	1,800
Cranberry Trl (CTH M - change juris.)	Add 2" / Regrade	2.01	\$	56,200
Whiskey Bill Rd (CTH E - termini)	Add 2" / Regrade	1.51	\$	34,100
	Total		\$ *	100,000

Conclusion

This plan should serve as the road surface improvement budget plan for the Town of Harding. It is important that the inventory of the pavement surface conditions be updated every two years, so that the priorities list may be kept current. Likewise, cost estimates can be revisited as the actual costs of road improvements change from year to year. Updating information on a regular basis is important to the long-range success of this program plan.

APPENDIX A - WISLR Road Inventory	

		1
		}
		-
		()
		{
		(

COUNTY OF LINCOLN (35)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION WISCONSIN INFORMATION SYSTEM FOR LOCAL ROADS

Inventory Listing - (R-20) 1-1-2008 Certification

Rd/St Name		Certified Miles	eq	E	es							-											- 4				
=>Alexander Lake Rd		1.10							1-					-													
AT RD/ST OFFSET MILES	TO ROAD NAME OFFSET MILES	LENGTH MILES (FEET)	0.W	Tage	SURFA(ICE TR	Α.	CURB LT RJ		SHOULDER LT RT		MEDIAN Type WD	70	ADT	I E	H	ROW F	FC RC	SC.	0 U/A	NHS	H AC	C H V	N INV	<u> </u> "	PVT VR	S.W.
СТНЕ	Von Besser Dr	0.26 (1373)	z	2 65	24	2007	4	0	=	102	102	1	Ш	000035	<u></u>	Ш	50	45 5		4 000	NON	8		2008	10	2007	
Von Besser Dr	Termini	0.84 (4435)	z	2 65	5 24	2007	4	0	9	102	102		Ш	000015	150	Ш	50 4	45 5		000	NON NON	8		2008	10	2007	
=>Brook Dr		0.99															11.	-		41				-	41		
AT RD/ST OFFSET MILES	TO ROAD NAME OFFSET MILES	LENGTH MILES (FEET)	OW.	L Typ	SURFAC Type WD	K. K.	Д	CURB LT RT		I ♯—		MEDIAN Type WD	F	CNT	T XX	H-	ROW I	FC RC	SC	0 U/A	NHS	Н АС	ALN C H V	N N N N N N N N N N N N N N N N N N N	<u>l</u> "	YR X	SW
СТНЕ	Termini	0.99 (5227)	z	2 55	19	1998	4	0	0 202	 	202		Ш	000015	1	Ш	50	45 5		000	NON NON	8		2007	8 2	2007	
=>Burma Rd		4.54										-				4		41		4				-	-][
AT RD/ST OFFSET MILES	TO ROAD NAME OFFSET MILES	LENGTH MILES (FEET)	<u></u> 0	L	SURFAC Type WD	EGE XX	ρ.	CURB		15-		MEDIAN Type WD		CNT	N XX		ROW F	FC RC	sc	O U/A	NHS	В АС	C H V	N INV	<u>l</u> "	TA TA	SII
стн Е	Kelly Creek Dr	2.00 (10560)	Z	2 35	24	1966	4	0	00		8		 -	060000	2004	Ш	50	40 5	4	000	NON	8		2007	4	2007	L
Kelly Creek Dr	Walenczyk Rd	0.52 (2746)	Z	2 35	24	1966	4	0	000	ļ	8		Ш	000035	10	Ш	50 4	40 5	4	000	NON	8		2007	4	2007	
Walenczyk Rd	СТНЕ	2.02 (10665)	z	2 35	24	1966	4		000		00	ļ	Ь	000110	2004	П П	50 4	40 5	4	000	NON	8		2007	4	2007	
=>Camp Ave		0.55		,																					-		
AT RD/ST OFFSET MILES	TO ROAD NAME OFFSET MILES	LENGTH MILES (FEET)	ow 1	L Typ	SURFAC Type WD	VCE	Δ.	CURB LT RT	 	▮ ടി—		MEDIAN Type WD	-	ADT	YR	ROW 1 W		FC RC	SC	0 U/A	NHS	H AC	H V	N V	l =	PVT	Sw.
СТНЕ	County Forest 701	0.55 (2904)	Z	2 35	50	1966	4	0	000 0		000		Ш	000005	10	Ш	50	45 5	4	4 000	NON	8		2007	4	2007	

The information contained in this dataset and information produced from this dataset were created for the official use of the Wisconsin Department of Transportation (WisDOT). Any other use while not prohibited, is the sole responsibility of the user. WisDOT expressly disclaims all liability regarding fitness of use of the information for other than official WisDOT business.

COUNTY OF LINCOLN (35)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION WISCONSIN INFORMATION SYSTEM FOR LOCAL ROADS

Inventory Listing - (R-20) 1-1-2008 Certification

=>Conservation Ave		1.62																								-		7
AT RD/ST OFFSET MILES	TO ROAD NAME OFFSET MILES	LENGTH SURFACE	1	ہے۔ ا	SURF,	CE.	Ţ,	CUR	(B)	HOUL	DER	CURB SHOULDER MEDIAN	z	ADT ROW ALM INV PVT		ROW	≱	-		L	<u> </u>	L	F	LN	INV	PV	L	
		(FEET)		i i	<u> </u>	<u> </u>	۲,	3	<u> </u>	3	<u>-</u>	AN F LI KI LI KI Type WD I		L C	Y.R.		H A	<u> </u>	SC	0 n	NHS	Ξ	√C H	Λ	YR	×	Y.R.	XX.
стне	Kellogg Rd	1.06 (5597)	N 2	35	N 2 35 16		4	0	0	1966 4 0 0 000 000	ĕ		Ш	E 000015		Ш	E 50 45 5	5 5		4 00	4 000 NON		8		2007 4 2007	4	2007	<u> </u>
			\dagger	L	Ļ	\perp	ļ	†	+	1	\dagger	\dagger	+			‡	\dagger	+	#	+	\downarrow	#	\dashv		1	1		T
Kellogg Rd	Conservation Ave	(3643)	Z	35	N 2 35 16		4	0	0	1966 4 0 0 000 000	90		ш	E 000015	WASHERING TO	Ш	E 50 45 5	5		4 000	4 000 NON		8		2007 4 2007	4	2007	
			\mathbf{I}	1	-		7			1	1	$\frac{1}{1}$	+				\dashv	4		4			-					

=>Cranberry Trl		2.01]				
AT RD/ST OFFSET MILES	TO ROAD NAME OFFSET MILES	LENGTH SURFA MILES OW L Type WD (FEET)	⊣	Type	WD	SURFACE ype WD YR	ے ا	CURB	r LT	OULDE RI	CURB SHOULDER MEDIAN LT RT LT RT Type WD	EDIA!	76	CE CURB SHOULDER MEDIAN ADT ROW ROW RC RC BC OUA NHS H AC RF RC BC OUA NHS H AC H AC H AC RF R	H _E	ROW	5	RC S	0 0	U/A	NHS	H AC	THE THE	2 5	Ľ	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A.W.
			+			Ī	\dagger	+	4	4		4	4			_		_				4.	ź.				
Wegner Rd (2.01)	Forks Rd	0.25 (1320)	Z Z	2 35 24	24	1966	4	0	<u>ē</u>	1966 4 0 0 000 000	-		Ш	E 000035	Ш	E 33 45 5	45	2	4	000	4 000 NON	8		% %	2008 5 2007	500	_
Forks Rd	CTH MM	1.76 (9293)	2	N 2 35 26	26	1966	4	0	8	1966 4 0 000 000	-	-	Ш	E 000035	"	E 50 45 5	45	5	4	8	4 000 NON	8		700	2007 5 2007	500	

The information contained in this dataset and information produced from this dataset were created for the official use of the Wisconsin Department of Transportation (WisDOT), Any other use while not prohibited, is the sole responsibility of the user. WisDOT expressly disclaims all liability regarding fitness of use of the information for other than official WisDOT business.

COUNTY OF LINCOLN (35)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION WISCONSIN INFORMATION SYSTEM FOR LOCAL ROADS

Inventory Listing - (R-20) 1-1-2008 Certification

=>CTH E		17.19																									
AT RD/ST OFFSET MILES	TO ROAD NAME OFFSET MILES	LENGTH MILES (FEET)	0W I	L Typ	SURFA Type WD	E E	a,	CURB LT R1	 -	SHOULDER LT RT		MEDIAN Type WD		ADT		ROW	FC	RC S	sc o	U/A	NHS F	H AC	ALN	INV YR	R	T.Y.	SW
CTH E (2) (0.94)	Burma Rd	1.51 (7973)	Z	2 70		2006	4	0	0	203	203		Ш	000075		99	04	4	က	00	NON	8		2008	6	2007	
Burma Rd	Camp Ave	0.60 (3168)	Z	2 35	5 26	2006	4	0	0	000	000		Ш	000075	"	99 E	45	4	က	80	NON	8		2008	4	2007	
Camp Ave	Whiskey Bill Rd	2.42 (12778)	Z	2 35	; 26	2006	4	0	ő	000	000		-	000020 20	2004 E	99 E	45	4	က	8	NON	8		2008	4	2007	
Whiskey Bill Rd	Conservation Ave	2.03 (10718)	Z	2 35	26	2006	4	0	0	000	000		Ш	000150		99 E	45	4	က	00	NON	8		2008	4	2007	T
Conservation Ave	Hahn Rd (3.67)	3.67 (19378)	Z	2 70	22	2006	4	0	0	00	000		Ш	000150		99 E 66	45	4	က	8	NON	8		2008	9	2007	
Conservation Ave (3.67)	Hahn Rd	0.64 (3379)	N Z	2 20	52	2006	4	0	0	203	203		Ш	000150	 "	99 E	45	4	က	8	NON	8		2008	9	2007	
Hahn Rd	Burma Rd	0.95 (5016)	Z 2	2 70	52	2006	4	0	0	203 20	203		<u> </u>	000000 2004		99 E	45	4	က	8	NON	8		2008	7	2007	
Burma Rd	Wangen Dr	0.47 (2482)	N 2	2 70	22	2006	4	0	0 20	204 20	204		Ш	000150	 "	99 E	40	4	က	8	NON	8		2008	_	2007	1
Wangen Dr	Brook Dr	0.51 (2693)	Z	70	52	2006	4	0	0	204 20	204		Ш	000150	1 "	99 E 66	9	4	က	8	N ON	8		2008	6	2007	<u> </u>
Brook Dr	Gravel Pit Ln	0.14 (739)	N 2	02 2	22	2006	4	0	0	204 20	204		Ш	000150	 "	99 E	64	4	က	8	NON	8		2008	7	2007	
Gravel Pit Ln	W End Dr	0.36 (1901)	N 2	02 20	22	2006	4	0	0 20	204 20	204		ш	000150	"	99 E 66	40	4	ю	8	NON	8		2008	_	2007	1
W End Dr	Ollhoff Ave	0.51 (2693)	N 2	2 2	22	2006	4	0	0 20	204 20	204		Ш	000150	_ ш	99 E	6	4	က	8	NON	8		2008	7	2007	
Ollhoff Ave	CTH MM (0.38)	0.38 (2006)	Z	02	72	2006	4	0	0 20	204 20	204		Ш	000150		99 3	8	4	ო	00	NON	8		2008	^	2007	

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION WISCONSIN INFORMATION SYSTEM FOR LOCAL ROADS

COUNTY OF LINCOLN (35)

Inventory Listing - (R-20) 1-1-2008 Certification

AT RD/ST OFFSET MILES	TO ROAD NAME OFFSET MILES	LENGTH	A C		OW L Tyne WD	1 0	YR P		URB RT	SHOI	CURB SHOULDER MEDIAN P IT RT IT BT T IVEN I	MEL	NAIC		TOV		ROW	<u> </u>							ALN INV		PVT	Н
		(FEET)	7	-	\dashv		\dashv			i.,,,		ad c				¥		<u>*</u> Š	ე ჳ	် သ	7/ <u>0</u>	W FC RC SC O U/A NHS H AC H V YR	H	H Cj	>		~	YR SW
Ollhoff Ave (0.38)	СТН ММ	1.11 (5861)	z	2	0 2	2 20	<u> </u>	0	0	203	N 2 70 22 2006 4 0 0 203 203			<u>Е</u>	E 000150			E 66 40	4		3 00	3 000 NON	8	9		2008 7 2007	7 2	20
СТН ММ	Tesch Rd	0.76 (4013)	z	2 7	0 2	N 2 70 22 2006 3	36	0	0	203	0 0 203 203	ļ		Ш	E 000150		Ш	66 40 4	4			3 000 NON	8	0	<u> %</u>	2008 9 2007	+ 2	10
Tesch Rd	Alexander Lake Rd	0.74 (3907)	z	2 7	0 2	70 22 2006 3	36	0	0	0 0 203 203	203			Ш	000150		ш	66 40	4		<u> </u>	3 000 NON	00	-	<u> %</u>	2008 9 2007	 2	10
Alexander Lake Rd	Edward Dr	0.05 (264)	z	2 7	0 2	N 2 70 22 2006 3	36	0	0	203	203				E 000150		ш	E 66 40	4			3 000 NON	00	-		2008	9 2007	10
Edward Dr	Sunset Dr (0.34)	0.34 (1795)	z	2 7	0	N 2 70 22 2006 3	36	0	0	203	203	·		Ш	000150		Ш	E 66 40 4	4		<u>~</u>	3 000 NON	00	0	7	2008	9 2007	10
			1	l		-	1	1						1				\forall	4		_			4		-	-	-

=>CTH MIM		0.60	,																									1 (5
AT RD/ST OFFSET MILES	TO ROAD NAME OFFSET MILES	LENGTH MILES OW I	W. F	L Type WD YR	WD	-		CURB	ES L	EGIDO.	CURB SHOULDER MEDIAN LT RT LT RT Type WD	DIAN e WD		CURB SHOULDER MEDIAN ADT ROW RC RC RC OUA NHS H ALN INV	K.	ROW 1 W	FC	RC	SC 0	U/A	NHS	H	A E	Z		A PVT	PVT R SW	
СТНЕ	CTH MM (0.23)	0.23	N 2 70 24	92		1975	4	1 6	20.	1975 4 0 0 204 204	4		В Ш	000150		Ш (E 66 40 4	4	<u> </u>	80	3 000 NON	8			2008 7 2007	$\frac{1}{2}$	100	—
СТН Е (0.23)	СТН ММ (0.60)	0.37 (1954)	N 2 57 24	57	24	1988	4	 	70	1988 4 0 0 204 204	4		Ш	E 000150		Ш	E 66 40 4	4	8	000	3 000 NON	8		+ %	2008 9 2007	3		1
							1	$\frac{1}{2}$			$\left \right $]	$\frac{1}{2}$	1	1	$\frac{1}{2}$	-		1		1	\dashv		_	-	_		٦

=>Edward Dr		1,35																										
AT RD/ST OFFSET MILES	TO ROAD NAME	LENGTH SURFACE		ŗ	ILIRE.	Ę.		Ű.	B	TOUL)ER	CURB SHOULDER MEDIAN	 -	ADT		L _S	ROW	L	E			H	A	ALN INV	F	PVT	H	
		(FEET)		Δ. :	<u>₹</u>	¥			<u> </u>	<u> </u>		v pe N	<u>-</u>	F LI KI LI RI Type WB I CNT YR I W FC RC SC O U/A NHS H AC H V YR R YR SW	ጀ	⊢ :	ia ≱) (C	ည	U/A	NHS	H	Щ.	Α	<u>~</u>	ξ. 	<u>E</u>	
CTHE	Von Besser Dr		<u> </u>		5			۱ ,	 		1	+	-			‡	╁	1					ļ	+	-	+	+	
	Vol. Dessel Di	(3696)	۷ 2	<u> </u>	77 7 N		4	>	<u>-</u>	1978 4 0 0 102 102	02		Ш	000015	10	Ш	E 66 45 5	5		000	4 000 NON	8	_	20	20	2007 8 2007	20	
Von Besser Dr	Termini	0.65 (3432)	2	57	N 2 57 20		4	0	-	1978 4 0 0 102 102	02		Ш	000015	10	Ш	E 66 45 5	5	4	000	4 000 NON	8		8	1/20	2007 7 2007	10	
			-					_	_	_	_				_	_	_		_			-	_	-	_			_

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION WISCONSIN INFORMATION SYSTEM FOR LOCAL ROADS

Inventory Listing - (R-20) 1-1-2008 Certification

Town Of Harding (008)

=>Forks Rd		4.48																											
AT RD/ST OFFSET MILES	TO ROAD NAME OFFSET MILES	LENGTH MILES (FEET)	1 wo	JÉ J	SURFA Type WD		μ̈́) <u> </u>	CURB LT RT		OCC N	SHOULDER MEDIAN LT RT Type WD	EDIA Pe W	ZΘ	MEDIAN ADT Type WD I CNT	T	¥ E	ROW I W	FCR	OS O	0		ROW FC RC SC O U/A NHS H AC H V YR	AC	ALN H V	Y. INV		PVT	7T SW
Cranberry Trl	W End Dr	3.75 (19800)	z	2	35	18 19	966 4	0	0	000	8	l g		Ш	E 000015	2	Ш	50 45		5	4	4 000 NON	55	8		200.	4	2007 4 2007	
W End Dr	Termini (0.20)	0.20 (1056)	z	8	35 2	20 18	997 4 0	4	°	0 202	2 202	72		Ш	000015	2	Ш	33 45		5	4	4 000 NON	NO	8		2008	4	2008 4 2007	
W End Dr (0.20)	Termini (0.52)	0.32 (1690)	z	2 3	35	20 18	966 4	0	0	000	000	<u></u>		Ш	E 000015	2	Ш	33 45	45	5	4	4 000 NON	NO	8		2008	4	2008 4 2007	
W End Dr (0.52)	Termini	0.20 (1057)	z	2 3	35	24 16	996			8	8	-		-	000000		∢	A 66 45	45	J.	4	4 000 NON	NO	8		7008	4	2008 4 2007	
=>Gravel Pit Ln		0.78		1		11		-			-		-	-		4			-	4		11			+1	_			

			ŀ	L			I																						250
AT RD/ST	TO ROAD NAME	LENGTH			SURFA	CE	_	CC	S S	HOUL	DER	MED	IAN		ADT		ROW			H				L	2	Ļ	TYG	L	1
OFFICE MILES	OFFSET MILES	MILES OW L Type WD (FEET)	<u>1</u> ≱	Ty	C WI	YR	بم	LT	RT	LT	RT	Туре	M.D	_	CNT	X,	=	Σ Σ	RC	SC	TU/A	YR P LT RT LT RT Type WD 1 CNT YR I W FC RC SC O U/A NHS H AC H V TR	H AC	E	; > ; >	<u>"</u>	E	R YR SW	
стне	Tesch Rd	0.78 (4118)	2 Z	2 35	16	196(4	0	-	1966 4 0 0 000 000	000			Ш	E 000015		E 5(E 50 45 5	3	+ 4	8	4 000 NON	8		 8	2007 4 2007	\(\sqrt{\sq}\sqrt{\sq}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}	+-	
			1		-		-		1	1	1	1		1	1	1	+	+		\forall	1		-		\dashv	4	4	\dashv	_
⇒Hahn Rd		0.11																											
AT RD/ST OFFSET MILES	TO ROAD NAME OFFSET MILES	LENGTH	<u> </u>		SURF.		-		S E	CURB SHOULDER MEDIAN	DER	MED	IAN		ADT		ROW							T V	ALN INV		PVT	H	
		(FEET)		,	:		-	1	<u>.</u>	The will be wi	2	ıype	ž	-i	CNI YR I W FC RC SC O U/A	X X	=	<u>ج</u>	KC.	<u>ာ</u> သ	<u>د</u> د	NHS H AC H V YR R YR SW	H	Ξ	> >	<u>~</u>	Σ	ž ×	
стне	Termini	0.11 (581)	N N	2 35	16		4	0	-	1966 4 0 0 000 000	8			Ш	E 000005		<u>Е</u>	E 50 45 5	5	4	8	4 000 NON 000	8		<u>Ş</u>	2007 4 2007	700	16	

⇒Kellogg Rd		0.27																								-
AT RD/ST OFFSET MILES	TO ROAD NAME OFFSET MILES	WE LENGTH SURFACE ES MILES OW L Type WD YR P	<u> </u>	Type	WD	JE VR	D 4	URB	SHOU	LDER	CURB SHOULDER MEDIAN LI RT LT RT Type WD	z e	YR P LT RT LT RT LT RT Type WD I CNT YI	Y.R.	ROW I W FC	, , ,	RC S	0 0	Z V/i	YR I W FC RC SC O U/A NHS H AC H V YR R YR YR SR	AC H	32	N.Y.	PYT	<u> </u>	
Conservation Ave	Termini	0.27	+	7	0	1005	1005	-	000	Ş			10000		+	;	1		+				-	+	-	
				3	0	200) †	>	999	3		Ш	connon		<u>х</u>	E 50 45 5	ဂ	4	4 000 NON		8		2007 3 2007	20 20		

Page 5 of 9

COUNTY OF LINCOLN (35)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION WISCONSIN INFORMATION SYSTEM FOR LOCAL ROADS

Inventory Listing - (R-20) 1-1-2008 Certification

		:MS		
	H	TR.	2007	
	Ιά	ĸ	m	-
	INV	X.	2007 3 2007	
	V.L.N	>		
		E O	8	-
		Ξ	8	_
		NHS	000 NON	
		Y))	000	
		<u>ာ</u> သ	4	
	Ş	ž	5	
		ž Ž	45	\dashv
	ROW	<u>.</u>	E 33 45 5	\dashv
	,	ž		1
	TR P IT RT IT BT TWO THE BY TWO TO BY TWO TAYS AND TWO TAYS AND TWO TAYS AND TAYS AN	CIN	E 000005	
1		,	E	1
	DIAN	2		1
	ME	1 y pr		
	LDER	7	000	1
	SHOU	1	1985 4 0 0 000 000	1
	RB		0	
	디		0	-
lf	CE		85_4	1
	ACE			1
	SURI		16	┨
			2 35	-
	<u></u>	7	z	1
0.42	LENGTH SURFAC	(FEET)	0.42 (2218)	
	TO ROAD NAME OFFSET MILES		Termini	
=>Kelly Creek Dr	AT RD/ST OFFSET MILES		Burma Rd	

=>Lemmer Dr	4	0.25																										į.
AT RD/ST OFFSET MILES	TO ROAD NAME	LENGTH SURFACE	-	જ	URFA	3.5	<u> </u>	CURB	SHC	ULDE	CURB SHOULDER MEDIAN	DIAN		ADT ROW ALN INV PVT		RO	<u> </u>					L	F	LN	INV	PY	L	Т
		(FEET)	2	1 y be) }	Ä	-} 	¥	<u> </u>	¥	AR F LI KI LI KI Type WD 1	e WD	_	L L	X.	_	<u>¥</u>	S RC	2C O	U/A	NHS	H	IC H	Λ	Y.R.	~	YR	÷
			H				ł	ł	1	ļ	+	Ţ	\dagger	Ī		1	+	\prod	+									
Wangen Dr	Termini	0.25 (1320) ^N	- 0	V 2 35 24	24	1974 4 0 0 000 000	4	0 (ĕ	8	0			E 000015		Ш	E 66 45 5	5	4	000	4 000 NON	8	8		2007 4 2007	4	200	
			1				}	-		-	-]	$\frac{1}{2}$			1	-]	1				_		-	-		

=>New Wood Rd		4.10					_																				
ATRD/ST	TO ROAD NAME	LENGTH	<u> </u>	Ш	SURFACE		H	CUB	iB Si	HOUL	JER !	CURB SHOULDER MEDIAN	Z	ADT		ROY			F			H	Ľ	12	L	T.Y.	L
OFFSET MILES	OFFSET MILES	MILES (FEET)	 :*	ار ایج	OW L Type WD		<u>^</u>	<u>L</u>	RT	LT	RT 1	YR P LT RT LT RT Type WD 1	T O	CNT YR 1 W FC RC SC O U/A NHS H AC H V YR R YR SW	ΥR	_	<u>۲</u>	RC :	0 26	E/A	SHN	H	E	: [*]	æ	X.	SW.
County Forest 702 (0.52)	W Averill Creek Rd	1.95 (10299)	Z	3.5	2 35 16	<u> </u>	1966 4 0	-	0	000 000 0	8		Ш	E 000035		E 5	E 50 45	5	4	00	4 000 NON	8		700	4	2008 4 2007	
W Averill Creek Rd	Whiskey Bill Rd	2.15 (11349)	z	35	2 35 16	<u> </u>	4		0	1966 4 0 0 000 000	8		Ш	E 000035		E 5	E 50 45	2	4	000	000 A	8	_	700	4	2007 4 2007	
			1	-	-		1	1	1		1	1	-			\exists	4		7		1	\dashv		_	4		

10	РУТ	YR P LT RT LT RT Type WD 1 CNT YR 1 W FC RC SC O U/A NHS H AC H V YR R YR SW		2007	_
	NV.	YR R		2007 4 2007	_
	ALN TNV	>		2(
	Ľ	AC H	_	8	-
		tS H	7		_
		N/A		4 000 NON	
	L	0 0	1	4	_
		SC	+	2	-
	-	FC_R	†		000
	ROW	*		E 50 45 5	_
	- 2	1	+	Ш	
	ADT	T Y)15	
	¥	S I	1	= 000015	
, ,	N	ΩA	t		_
	MEDI	Type	T	·	
	CURB SHOULDER MEDIAN	RT		000	
	SHOU	LT		000 000 0	
	RB	RT		0	
	ರ	<u>.</u>	ļ	0	-
		<u>A</u> . ≅	ł	1966 4 0	1
			ļ		1
	SUR	be W	ł	4	1
		ř J	l	N 1 35	ı
		<u></u>	t	z	
1.00	LENGTH	MILES OW L Type WD (FEET)		1.00 (5280)	
	TO ROAD NAME	OFFSET MILES		Tesch Rd	
=>Ollhoff Ave	AT RD/ST	OFFSET WILES		СТНЕ	

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION WISCONSIN INFORMATION SYSTEM FOR LOCAL ROADS

Inventory Listing - (R-20) 1-1-2008 Certification

Town Of Harding (008)

=>Pickering Dr	asservation of	0.23																	F	11							
OFFSET MILES	OFFSET MILES	MILES OW L Type WD (FEET)	7W.	Type		E K	ا م	T RE	SHC	E E	CURB SHOULDER MEDIAN LT RT LT RT Type WD	e WD	-	CE CURB SHOULDER MEDIAN ADT ROW AL LT RT Type WD I CNT VR I W FC RC SC O U/A NHS H AC H V YR R YR SW	Y.R.	ROW I W	<u>ڳ</u>	RCS	0 U	Ω/\A	NHS	H AC	H	ALN INV	ି ≃	PVT R NR	SW
		00	+	1			\pm	+	1	+		1	\pm			+	1	1	+	\dagger		-		\downarrow	+		1
Tesch Rd	Termini	(1214)	z	N 1 35 12	12	•	4	0 0	ĕ	1966 4 0 0 000 000	_		<u>о</u> ш	000015		E 50 45 5	45	2	4	00	4 000 NON	8		200	4	2007 4 2007	
			1]		\exists	\dashv	4	4	4	_				\dashv	\Box		4	1		4		_			
		The state of the s																									

		À		
	H	<i>∞</i>	25	-
	TAd	>	Š	
		x	2007 2 2007	
	N.	YR	200	
1	7	>		
	AL	ш		1
		ΥC	00	
	L	Н		_
		NHS	4 000 NON	
		U/A	000	1
		0	4	
))	-	4
		<u>¥</u>	5 5	4
		<u> </u>	4	1
	ROW .	-	E 50 45 5	4
	H		Ш	\forall
	CURB SHOULDER MEDIAN ADT ROW ALN I COM INV PVT		000000	
		_	<u>о</u> ш	1
	25	2		1
	(EDI)			1
	N F			-
	ULDE		ĕ	
	SHO	3	1966 4 0 0 000 000	
	RB		0	
	<u>5</u>	5	0	
	Δ		4]
	CE		1966	
	Wh.	2	®	1
	SU		N - 30	
1		1	_	1
) ()		z	
0.25	AE LENGTH SURFACE SS MILES OW 1. Type WD VR P	E		
	CENG	(FE	0.25 (1320)	
		\dashv	<u>ం</u>	l
	TO ROAD NAME OFFSET MILES		Termini	
	ST ILES			
9. R	AT RD/ST OFFSET MILES			
and	AT		_	
=>Rhinelander Rd			Fesch Rd	
₩ K			Tes	

=>Tesch Rd		4.08																						,				
AT RD/ST OFFSET MILES	TO ROAD NAME OFFSET MILES	LENGTH MILES OW L Type WD		ř.	SURFA	YR		CURB LT RT		SHOULDER LT RT		MEDIAN Type WD		AD I	ADT NT YR	ž =	\top	Č R	FC RC SC 0	0 U/A	A NHS	H AC		ALN H V	NNV Y.R	R N	ĺπ	AIS.
Burma Rd	Rhinelander Rd	0.51	N	35	16	1966	4	_					- -"	E 00003E	, y	Ц	6	- i	(THE REAL PROPERTY.			1			- T
										-	+	\dashv	+		3		Table Park		_	4			3		7007	4 2	7007	ĭ
Rhinelander Rd	Wangen Dr	0.69 (3643)	7 Z	35	16	1966	4	0	0	000	000		<u>ш</u>	E 000035	35	ш	50 4	45 5	ဖ	4 000	NON O		00		2007	4 2007	200	
Wangen Dr	Pickering Dr	0.79 (4171)	N Z	35	16	1966	4	0	0	8	8		 "	E 000035	35	Ш	50 4	45 5	9	4 000	NON O		8	N	2007	4 2007	100	1
Pickering Dr	Gravel Pit Ln	0.10 (528)	2 Z	35	16	1966	4	0	0	000	000		1 "	E 000035	35	Ш	50	45 5	ဖ	4 000	NON		8	I N	2007	4 2007	100	7
Gravel Pit Ln	Ollhoff Ave	0.72 (3802) 1	Ϋ́.	35	16	1966 4	4	0	0	80	8		1 "	E 000035	35	Ш	50 4	45 5	9	4 000	NON		8		2007	3	2007	7
Ollhoff Ave	СТНЕ	1.27 (6706)	Z 2	55	22	1989	4	-	0	203 2	203		"	E 000075	75	Ш	50 4	45 5	-	6 4 000	NON 0		8	N	2007	5	2007	T
								1	-	1	1	1	1							_		_	_	_		_	_	-

Page 7 of 9

COUNTY OF LINCOLN (35)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION WISCONSIN INFORMATION SYSTEM FOR LOCAL ROADS

Inventory Listing - (R-20) 1-1-2008 Certification

		.A.s	٦	^ too	-
		Ĕ	٦	200	
	PVT	~	1	6	-
	12	≝	1	2007 6 2007	_
	ALN INV	>	1	<u> </u>	
	AL	E		~~~	_
	H	H AC	_	8	
_	I	YR P LT RT LT RT Type WD I CNT YR I W FC RC SC O U/A NHS H AC H V YR R YR SW	1	4 000 NON	
	H	U/A	†		-
	E	0	1	4	_
	H	C SC	+		-
	H	ر بر	+	- 55	-
	ROW	À	†	E 50 45 5	
	RO	-	1	Ш	
		YR			
	ADT	CNT	Ī	000000	
		ĭ	1	<u>о</u> ш	
	IAN	WD			
	MED	Туре			
	DER	RT	Ī	102	1
	CURB SHOULDER MEDIAN	5	T	1985 4 0 0 102 102	٦
	R.B	RT.	I	0	
	ΩO	LT		0	
	Н	<u>~</u>	╀	4	4
	CE	<u> </u>	L	198	
	SURF,	e ₩	Ļ	N 2 57 22	4
		T. P.	L	25	
		⊒ ≱	H	2	$\frac{1}{1}$
2	Н	<u> </u>	┝		$\frac{1}{2}$
0	LENGT	(FEET		0.70 (3696)	
4	TO ROAD NAME	OFFSEL MILES OW L Type WD YR P (FEET)		Alexander Lake Rd	
=>Von Besser Dr	AT RD/ST	COMMINICATION OF THE PARTY OF T		Edward Dr	

=>Walenczyk Rd		0.50	ŀ																	1							
AT RD/ST OFFSET MILES	TO ROAD NAME OFFSET MILES	E LENGTH SURFACE MILLES OW L Type WD YR (FEET)	V	, tr	WD WD	YR		CUR	IS E	T	ER N	THE THE THE THE TRUE THE THE THE THE THE THE THE THE THE TH		ADT ROW FC RC SC 0 U/A NHS H AC H V YR	YR	ROW I W	<u>*</u>	CRC	sc	C WA	NHS	H A	СН	N A	<u> </u>	PVT YR	PVT R SW
Burma Rd	Termini	0.50	-	35	N 1 3E 12			 	+	9	- 2	+	L		1	1	+	-		1		\pm	_		+	\bot	
	5			S S	7		900 4	· >	<u> </u>	000 000 0	 3		П	000015	10	Ш	E 33 45 5	5		<u>4</u>	4 000 NON	8	9	<u> </u>	700	2007 4 2007	_
			CARREST AND	574505090		Towns of the Control	or the state of th						$\ \ $			1	11	$\ $		-		1	-	1	+	4	7

=>Wangen Dr		0.74						1 - 1 													1.5								
AT RD/ST	TO ROAD NAME	LENGTH		SURFACE	SURF	ACE	\vdash	ទី	RB	SHOU	LDER	CURB SHOULDER MEDIAN	IAN		ADT		ROW	L		H			L	H	2 1	INV	Id	E	T
OFFSET MILES	OFFSET MILES	MILES (FEET)	*	L Ty	be 🛠	<u> </u>	<u>a</u> , -	Ľ.	RT	Lī	R	Туре	αw	I C	YR P LT RT LT RT Type WD I CNT YR I W FC RC SC O U/A NHS H AC H V YR R YR SW	YR	-	<u>Σ</u>	RC.	SC O	V/Ω	NHS	, H) (C	<u>^</u>	X.	×	Ϋ́R	SW
СТНЕ	Lemmer Dr	0.50 (2640)	z	1 35 14	1 2 4	`	4	0	0	1966 4 0 0 000 000	000			<u>В</u>	000015		E 50 45 5	45	5	4	000	4 000 NON	00	+		2007 3 2007	က	2007	
Lemmer Dr	Tesch Rd	0.24 (1267)	z	N 1 35 14	+ 12		4	0	-	1966 4 0 0 000 000	000			E 000015	0015		E 50 45 5	45	5	4	000	4 000 NON	8	+ <u> </u>		2007 3 2007	6	2007	
			1	-	-		-							\dashv			\dashv	\dashv		-				\dashv	_				٦

	ALN INV PVT VC H V YR R YR SW	2008 5 2007
	ADT ROW RC RC SC U/A NHS H AC H V YR R YR SW SW SW SW SW SW SW S	E 50 45 5 4 000 NON 00
	ER MEDIAN ADT RC T Type WD I CNT YR I	E 000005
•	SURFACE CURB SHOULDER MEDIAN IN IN IT IN I	16 1966 4 0 0 000 000
0.25	E LENGTH SURFA MILES OW L Type WD (FEET)	0.25 N 2 35 16
	TO ROAD NAME DES OFFSET MILES	Cranberry Trl
=>Wegner Rd	AT RD/ST OFFSET MILES	Termini (1.50)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION WISCONSIN INFORMATION SYSTEM FOR LOCAL ROADS

Inventory Listing - (R-20) 1-1-2008 Certification

Town Of Harding (008)

COUNTY OF LINCOLN (35)

0.000			-		
		SW			
	П	~	T	07	
	5		\perp	20	
	ľ	~	ļ	4	
	-	~	╅		
	ALN INV PVT	×		2007 4 2007	
	Z	>	T		
	A L	н	T		
	Г	Ÿ	T	8	_
	Г	H	十		_
	Г	S	T	Ž	***
		Ż.	1	2	
		A /C	T	4 000 NON 00	
	H	0	十	4	-
		$^{\circ}$	T		
	Г	SC.	T	5	_
	T	<u>ي</u>	t	£	
	1		\dagger	E 50 45 5	
è	ROW	-	4	<u> </u>	
	F	_	+	Ш	-
		YR			
78	ADT		\dagger	-5-	-
	ΩĄ	LNC	ı	9	
			Ļ	E 000015	
	Н	<u></u>	Ļ	Ш	
8	IAN	1.41			_
	MED	ype	Γ		
	~	_	╁	_	
	LDE	Z.	L	ĕ	
	CURB SHOULDER MEDIAN	YR P LT RT LT RT Type WD I CNT YR I W FC RC SC O U/A NHS H AC H V YR R YR SW	İ	1968 4 0 0 000 000	
	RB	RT		0	
	CC	L	Γ	0	
		<u>~</u>	T	4	
	Π	~		89(٦
	CE		L	7	
	RF.	ĭ.	L	20	
	SI	ype	Γ	V 2 35 20	
		<u> </u>	┝	~	4
		<u> </u>	H	· <u>`</u>	1
2.00		<u> </u>	H		4
2.	GTH	ED		20	
	CEN	ME FE	1	2.00 (10560)	
			۲	ν٠	\forall
	TO ROAD NAME	OFFSEI MILES MILES OW L Type WD YR P (FEET)		СТНЕ	
					1
=>W End Dr	AT RD/ST	Oresia miles		Forks Rd	
Š				퉏	
265 1 128				<u> </u>	j

=>Whiskey Bill Rd		1.51														11								-	11,				7
AT RD/ST	TO ROAD NAME	LENGTH	H	S		9	H	CUR	SH SH	OULE	ER N	CURB SHOULDER MEDIAN	z		ADT		ROW	H	L		H		E	F	ALN TNV	140	PVT		
OFFSET MILES	OFFSET MILES	MILES OW L Type WD (FEET)		Type		YR	<u> </u>	LT.	T	Į.	RT T	ype H	r D	S	i i	Ħ.	=	F	RC	SC) <u>n</u>	YR P LT RT LT RT Type WD 1 CNT YR I W FC RC SC O U/A NHS H AC H V YR R YR SW	H	Ξ Ο	>	<u> </u>	<u>~</u>	<u>s</u>	-
			F		T	Γ	†	+	Ł	+	\dagger	\dagger	+	1	\dagger	\dagger	+	+	Ţ	1	+	1	1	+	1	1	†	+	T
СТНЕ	New Wood Rd	0.11 (581)	7	N 2 35 16		1982	4	-	<u>ŏ</u>	1982 4 0 0 000 000	00	- kwaxa-wana	Ш	E 000015	115		25	E 50 45 5	5		4 00	4 000 NON		8	- 2	2007 4 2007	4	200	-
			L	I	T	Γ	\dagger	+	+	+	t	\dagger	+	1	\dagger	t	4	+	Ţ	1	+		1			1	1		_
New Wood Rd	Termini	1.40 (7392) N	7	N 2 35 16		1982	4	0	<u>~</u>	1982 4 0 0 000 000	8		Ш	E 000015	115			E 50 45 5	5		<u>4</u>	4 000 NON	8			2007 4 2007	- 4	200	
			_		-		_	_		-		_	_	_	_	-	-	_	_	_	_		_	-	-		_	-	-

The second secon
ĺ
, more remainment of the control of
The second secon
, "-Logo-Millionauxin-Log
o -
* ************************************

APPENDIX B – PASER Rating System	

* Yangari
(
(
The state of the s
-
(
(
(

PASER Asphalt Surface Rating System		
Surface Rating	Visible Distress*	General condition/ Treatment measures
10 Excellent	None.	New construction.
9 Excellent	None.	Recent overlay, like new
8 Very Good	No longitudinal cracks except reflection of paving joints.	Recent sealcoat or new road mix. Little or no
	Occasional transverse cracks, widely spaced (40" or greater).	maintenance required.
	All cracks sealed or tight (open 1/4" or less).	
7 Good	Very slight or no ravelling, surface shows some traffic wear.	First signs of aging. Maintain with routine crack filling.
	Longitudinal cracks (open ¼") due to reflection or paving joints.	
	Transverse cracks (open ¼") spaced 10 feet or more apart, little or slight crack ravelling.	
	No patching or very few patches in excellent condition.	
6 Good	Slight raveling (loss of fines) and traffic wear.	Show signs of aging, sound structural condition. Could
	Longitudinal cracks (open ¼" – ½") due to reflection and paving joints.	extend life with sealcoat.
	Transverse cracking (open ¼" to ½") some paced less than 10 feet.	
	First sign of block cracking.	
	Slight to moderate flushing or polishing.	
	Occasional patching in good condition.	

PASER Asphalt Surface Rating System (continued)		
Surface Rating	Visible Distress*	General condition/ Treatment measures
5 Fair	Moderate to severe raveling (loss of fine and coarse aggregate).	Surface aging, sound structural condition. Needs
	Longitudinal and transverse cracks (open ½") show first signs of slight raveling and secondary cracks. First signs of longitudinal cracks near pavement edge.	sealcoat or nonstructural overlay.
	Block cracking up to 50% of surface.	
-	Extensive to severe flushing or polishing.	
	Some patching or edge wedging in good condition.	
4 Fair	Severe surface raveling.	Significant aging and first
	Multiple longitudinal and transverse cracking with slight raveling.	signs of need for strengthening. Would benefit from recycling or overlay.
	Longitudinal cracking in wheel path.	nom recycling or overlay.
	Block cracking (over 50%) of surface).	
	Patching in fair condition.	
	Slight rutting or distortions $(1/2)$ deep or less).	
3 Poor	Closely spaced longitudinal and transverse cracks often showing raveling and crack erosion.	Needs patching and major overlay or complete recycling.
	Severe block cracking.	
	Some alligator cracking (less than 25% of surface).	
	Patches in fair to poor condition.	
	Moderate rutting or distortion (1" or 2" deep).	
	Occasional potholes.	
2 Very Poor	Alligator cracking (over 25% of surface).	Severe deterioration. Needs
	Severe distortions (over 2" deep).	reconstruction with extensive base repair.
	Extensive patching in poor condition.	varo ropum
	Potholes.	
1 Failed	Severe distress with extensive loss of surface integrity.	Failed. Needs total reconstruction.

PASER Gravel Surface Rating System			
Surface Rating		Visible Distress*	General condition/ Treatment measures
5 (10)	Excellent	No distress. Dust controlled. Excellent surface condition and ride.	New construction – or total reconstruction. Excellent drainage. Little or no maintenance required.
4 (8)	Good	Dust under dry conditions. Moderate loose aggregate. Slight washboarding.	Recently regraded. Good crown and drainage throughout. Adequate gravel for traffic. Routine maintenance may be needed.
3 (6)	Fair	Good crown (3"-6") Ditches present on more than 50% of roadway. Gravel layer is mostly adequate but additional aggregate may be needed at a few locations to help correct washboarding or isolated potholes and ruts. Some culvert cleaning needed. Moderate washboarding (1"-2" deep), over 10%-20% of the area. Moderate dust, partial obstruction of vision. None or slight rutting (less than 1" deep). An occasional small pothole (less than 2" deep). Some loose aggregate (2" deep).	Shows traffic effects. Regrading (reworking) necessary to maintain. Needs some ditch improvement and culvert maintenance. Some areas may need additional gravel.

PASER Gravel Surface Rating System (continued)			
Surface Rating	Visible Distress*	General condition/ Treatment measures	
2 (4) Poor	Little or no roadway crown (less than 3").		
	Adequate ditches on less than 50% of roadway. Portions of the ditches may be filled, overgrown and/or show erosion.		
	Some areas (25%) with little or no aggregate.	Travel at slow speeds (less	
	Culverts partially full of debris.	than 25 mph) is required.	
	Moderate to severe washboarding (over 3" deep) over 25% of area.	Needs additional new aggregrate.	
	Moderate rutting (1"- 3"), over 10% - 25% of area.	Major ditch construction and culvert maintenance also required.	
	Moderate potholes (2" – 4"), over 10% - 25% of area.	Toquilou.	
	Severe loose aggregrate (over 4").		
1 (2) Failed	No roadway crown or road is bowl shaped with extensive ponding.		
	Little if any ditching.	Travel is difficult and road	
	Filled or damaged culverts.	may be closed at times.	
	Severe rutting (over 3" deep), over 25% of the area.	Needs complete rebuilding and/or new culverts.	
	Severe potholes (over 4" deep), over 25% of area.		
	Many areas (over 25%) with little or no aggregrate.		

Source: Wisconsin Transportation Information Center.

	(100)

	the part of the pa
	*American
	-
	Tangar a

