Village Of De Soto
Ordinance No.29

AN ORDINANCE ESTABLISHING STANDARDS FOR VILLAGE STREETS

The Village Board of the Village of DeSoto does ordain as follows:

STANDARDS FOR CONSTRUCTION OF VILLAGE STREETS

Section 1:. Any street or roadway hereafter constructed by the Village or constructed by a person, firm, partnership or corporation and thereafter request is made by that person, firm, partnership or corporation to the Village to accept said street or roadway as a Village Street must meet the following specifications. See Exhibits "A", "B" and "C" attached hereto and made a part of this Ordinance.

Section 2: Not withstanding the above, the Village of DeSoto will not be compelled to accept any street or roadway as a Village Street even though that street or roadway meets the standards herein set forth.

Section 3: This Ordinance shall take effect from and after its passage and publication as required by law.

Amended and Approved 05/06/91, and 1-6-07 .

Adopted this 6th day of January , 2007.

Chris Mussatti
Chris Mussatti
Village President

Attest: *Carrie A. Brudos*
Carrie A. Brudos
Clerk/Treasurer

Date Posted: 1-15-09

MINIMUM LAYER THICKNESS

(NEW CONSTRUCTION)

LAYER	TYPE		SERVICEABILITY INDEX *	
			Pt=2.0	Pt=2.5
SURFACE COURSE	BITUMINOUS CONCRETE PAVEMENT	SURFACE	3/4”	1-1/4”
		BINDER	1-1/2”	1-1/4”
	SINGLE AGGREGATE BITUMINOUS SURFACE		1-1/2”	2”
	BITMINOUS ROAD MIX SURFACE		1-1/2”	2”
BASE COURSE	BITMINOUS		2”	2-1/2”
	ASPHALT STABILIZED		2-1/2”	2-1/2”
	CRUSHED AGGREGATE		5”	6”
SUB-BASE COURSE	GRANULAR		6”	6”

* Serviceability Index established by reference to State of Wisconsin Department of Transportation Manual

EXHIBIT “A”

RURAL LOCAL ROADS						
TYPE OF TERRAIN	DESIGN SPEED (MPH)					
	20	30	40	50	60	70
	GRADES (PERCENT)					
LEVEL	8	7	7	6	5	---
ROLLING	11	10	9	8	6	---
MOUNTAINOUS	16	14	8	10	---	---

EXHIBIT “B”

MINIMUM DESIGN STANDARDS FOR TOWN ROADS

SOURCE: SECTION 86.26 (1) WISCONSIN STATUTES EXCEPT
MAXIMUM HORIZONTAL CURVE VALUES ARE FROM PAGE 462, GDHS.

DESIGN CLASS	TRAFFIC VOLUME	ROADWAY							STRUCTURE		MINIMUM ROADWAY WIDTH
	ADT CURRENT	ROADWAY WIDTH, FEET	SURFACING WIDTH, FEET	MAXIMUM SHOULDER WIDTH, FEET	HOR. CURVE		% GRADE		HIGH WAY LOAD	CLEAR RDWY WIDTH FOR STRUCTURES, FEET **	
					DES. MAX	MAX.	DES. MAX	MAX			
T 1	LOCAL SERVICE INTERMITTENT SERVICE	20 *(22)	16 *(18)	2					H 15 *HS 20	24	3 RODS
T 2	UNDER 100	24	18	3			9	11	H 15 *HS 20	24	3 RODS
T 3	100-250	26	20	3			8	11	H 15 *HS 20	24	4 RODS
T 4	251-400	32	22	5	6°	12.25°	6	8	H 20 *HS 20	26	4 RODS
T 5	401-1000	34	22	6	5°	12.25°	5	8	H 20 *HS 20	28	4 RODS
T 6	1001-2400	44	24	10	4.5°	7.5°	5	7	H 20 *HS 20	30	4 RODS
T 7	OVER 2400	USE STATE TRUNK STANDARDS									

* THESE DESIGN VALUES SHALL BE USED FOR PROJECTS INVOLVING FEDERAL AID.

** FOR FEDERAL AID FUNDED PROJECTS WITH A DESIGN HOURLY VOLUME GREATER THAN 400, THE CLEAR ROADWAY WIDTH FOR STRUCTURES SHALL EQUAL THE APPROACH ROADWAY WIDTH.

EXHIBIT “C”