

ORDINANCE NO. 2006 - 08

AN ORDINANCE OF THE TOWN OF SOUTHWEST RANCHES, FLORIDA, AMENDING THE CODE OF ORDINANCES OF THE TOWN OF SOUTHWEST RANCHES, CHAPTER 39 ENTITLED, "TOWN OF SOUTHWEST RANCHES UNIFIED LAND DEVELOPMENT CODE," (ULDC) SECTION 90-100, "ROADWAY CAPACITY, CONSTRUCTION AND DESIGN STANDARDS," TABLE 90-2, "RURAL DEVELOPMENT DESIGN STANDARDS," AND TABLE 90-3, "LOW DENSITY RESIDENTIAL DEVELOPMENT DESIGN STANDARDS" TO REDUCE REQUIRED PAVEMENT WIDTH AND PROVIDE SURFACE CONSTRUCTION FLEXIBILITY FOR LOW-VOLUME LOCAL ROADWAYS; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, Section 90-100 and Tables 90-2 and 90-3 set forth construction and design standards for typical local roadways within the Town of Southwest Ranches; and

WHEREAS, the construction and design standards are adopted from the Broward County Land Development Code; and

WHEREAS, said design and construction standards are not consistent with the current practice of minimizing road surface area and traffic calming via narrower streets, nor do the standards accommodate street design consistent with semi-rural character of Southwest Ranches; and

WHEREAS, narrower streets and flexible pavement design that are appropriate for the low volume of automotive traffic they experience will allow cost-savings when the many substandard streets within the Town are improved, which cost is sometimes borne by individual owners of small plots lacking adequate access for a single-family home; and

WHEREAS, upon the recommendation of the Town's consulting engineers, the Town Council finds that roadway design and construction standards for low-volume residential streets can be modified to enhance the Town's semi-rural character, and that this can be done in keeping with accepted engineering practice to protect the public health, safety and welfare.

NOW, THEREFORE, BE IT ORDAINED BY THE TOWN COUNCIL OF THE TOWN OF SOUTHWEST RANCHES, FLORIDA:

Section 1: That the foregoing "WHEREAS" clauses are hereby ratified and confirmed as being true and correct and are hereby made a specific part of this Ordinance.

Section 2: That ULDC Section 090-100, Roadway capacity, construction and design standards is hereby amended as follows:

- (A) Street capacities shall be determined by the standards established by the Highway Capacity Manual prepared by the Transportation Research Board of the National Research Council, Washington, D.C.
- (B) The construction of roadways, and work in the public right-of-way shall conform to Broward County Resolution No. 85-3606, Broward County Administrative Code, Minimum Construction Standards Applicable To Public Rights-Of-Way Under Broward County Jurisdiction or the Florida Department of Transportation Standards Specifications for Road and Bridge Construction, except that low volume roadways with 18 feet of pavement width, as permitted in Tables 90-2 and 90-3, may utilize any pavement design method attaining a minimum structural value of 2.25, in lieu of the less flexible Broward County and FDOT specifications, above, but shall comply with all other safety and operational criteria set forth in The Florida Green Book (The Florida (Manual of Uniform Minimum Standard for Design, Construction, and Maintenance).
- (C) Local streets, and collector streets that have not been identified on the Broward County Trafficways Plan shall conform to the criteria and characteristics of Tables 90-2 through 90-5 and other provisions of this Section.

Section 3: That ULDC Table 90-2, Rural development design standards, is hereby amended as follows:

	<u>Collector (nontrafficway)</u>		<u>Local Streets</u>	
	<u>Four-Lane Collector</u>	<u>Two-Lane Collector</u>	<u>Local Local</u>	<u>Cul-de-sac</u>
Typical Volume	6,500-18,000 vpd	2,000-5,000 vpd	300-2000 vpd	0-300 vpd (a)
Residential Access	Limited	Limited	Yes	Yes

Underlined words are additions and ~~stricken~~ words are deletions.

Design Speed	45 mph	40 mph	35 mph	30 mph
Typical Space Between Streets	1/2 mile	1/4 mile	660 feet	330 feet
Intersection Space Maximum	None (b)	2 miles (b)	N/A	N/A
Intersection Space Minimum	1320 feet (b)	660 feet (b)	250 feet (c)	250 feet (c)
Lanes	4	2	2	2
Minimum Pavement	52 feet	28 feet	<u>22 feet >300 vpd</u>	<u>22-18 feet</u> <u>18 feet ≤300 vpd</u>
Pavement Mark/Signing	Yes (d)	Yes (d)	Yes (d)	Yes (d)
Driveway Design	Swale-Drive (e)	Swale-Drive (e)	Swale-Drive (e)	Swale-Drive (e)
Parking On Street	Prohibited	Prohibited	Prohibited	Prohibited
Median	Yes	No	No	No
*Turn Lanes	Yes (f)	Yes (f)	No	No
Traffic Signal	As Warranted	As Warranted	No	No
Pedestrian Crossing	Intersection Only (d)	Intersection Only (d)	Intersection Only (d)	Intersection Only (d)
*Building Setback	25 foot min.	25 foot min.	25 foot min.	25 foot min.
*Approach Widening (Intersection Improvement)	Yes	Yes	No	No
*Row	80 feet	60-80 feet (e)	60 feet	60 feet
Design Vehicle (Geom)	WB-60 & SU	WB-60 & SU	WB 40	WB 40

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Corners (ROW)	30 ft. chord	30 ft. chord	25 ft. radius	25 ft. radius
*Bikeways	Yes	Yes	No	No
Sidewalks	<u>Pursuant to Sec. 090-130, "Sidewalks."</u>			
	No	No	No	No

* Further explanation in provisions of this Section

(a) Over 300 vpd may be allowed if an alternate emergency access is provided.

(b) Or alternate approved by the Town Engineer based upon land planning and traffic analysis.

(c) See Subsection 90-100(E)(1)

(d) As delineated in the Manual on Uniform Traffic Control Devices (MUTCD).

(e) Or alternate approved by the Town Engineer.

(f) On Collectors--For collector/collector intersections or local/collector intersections with more than 1000 vpd.

N/A Not applicable.

(g) If determined acceptable by the Town Engineer, existing Roads may be resurfaced to the same pavement width that exists prior to resurfacing.

Section 4: That ULDC Table 90-3, Low density residential development design standards, is hereby amended as follows:

	<u>Collector (non-traffic way)</u>		<u>Local</u>	<u>Streets</u>
	<u>Four-Lane Collector</u>	<u>Two-Lane Collector</u>	Local	Local Cul-de-sac
Typical Volume	6,500-18,000 vpd	2,000-6,500 vpd	300(d)-2000 vpd	0-300(d) vpd
Direct Access	Limited (c)	Limited (c)	Yes	Yes
Design Speed	45 mph	40 mph	35 mph	30 mph
Typical Space Between Streets	1/2 mile	1/4 mile	330 feet	330 feet
Intersection Space Maximum	None (d)	2 miles (d)	1/2 mile	N/A
Intersection Space Minimum	660 feet	660 feet	250 feet (e)	250 feet (e)

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Lanes	4	2	2	2
Minimum Pavement	52 feet	28 feet	24 feet <u>if >300 vpd</u> 22-18 feet <u>18 feet if ≤ 300 vpd</u>	
Pavement Mark/Signing	Yes (f)	Yes (f)	Yes (f)	Yes (f)
Driveway Design	Swale-Drive (d)	Swale-Drive (d)	Swale-Drive (d)	Swale-Drive (d)
Parking On Street	Prohibited	Prohibited	Prohibited	Prohibited
Median	Yes	No	No	No
*Turn Lanes	Yes (g)	Yes (g)	No	No
Traffic Signal	As Warranted	As Warranted	No	No
Pedestrian Crossing	Intersection Only (f)	Intersection Only (f)	Intersection Only (f)	Intersection Only (f)
*Building Setback	25 foot min.	25 foot min.	25 foot min.	25 foot min.
*Approach Widening (Intersection Improvement)	Yes	Yes	No	No
*Row	80 feet	60-80 feet(e)	50 feet	50 feet
Design Vehicle (Geom)	WB-60 & SU	WB-60 & SU	WB 40	WB 40
Corners (ROW)	30 ft. chord	30 ft. chord	25 ft. radius	25 ft. radius
*Bikeways	Yes	Yes	No	No
*Sidewalks	Pursuant to Sec. 090- <u>130</u> , "Sidewalks."			

* Further explanation in provisions of this Section

(a) Net = fee simple ownership.

(b) Over 300 vpd may be allowed if an alternate emergency access is provided.

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- (c) Residential access may be allowed for lots with a minimum of 200 feet frontage or for collectors if volume does not exceed a projection of 3000 vpd.
 - (d) Or alternate approved by the [Town Engineer](#).
 - (e) See Subsection 90-100(E)(1), "Local street requirements".
 - (f) As delineated in the Manual on Uniform Traffic Control Devices (MUTCD).
 - (g) On Collectors--For collector/collector intersections or local/collector intersections with more than 1,000 vpd.
 - (h) If determined acceptable by the Town Engineer, existing Roads may be resurfaced to the same pavement width that exists prior to resurfacing.
- N/A Not applicable.

Section 5: Conflicts. All Ordinances or parts of Ordinances, Resolutions or parts of Resolutions in conflict herewith, be and the same are hereby repealed to the extent of such conflict.

Section 6: Severability. If any word, phrase, clause, sentence or section of this Ordinance is, for any reason, held unconstitutional or invalid, the invalidity thereof shall not affect the validity of any remaining portions of this Ordinance.

Section 7: Effective Date. This Ordinance shall take effect immediately upon it's adoption.

PASSED ON FIRST READING this 9th day of March, 2006 on a motion made by Council Member Aster Knight and seconded by Council Member Don Maines.

PASSED AND ADOPTED ON SECOND READING this 6th day of April, 2006, on a motion made by Council Member Aster Knight and seconded by Council Member Don Maines.

Fink	<u> Y </u>	Ayes	<u> 5 </u>
Maines	<u> Y </u>	Nays	<u> 0 </u>
Blanton	<u> Y </u>	Absent	<u> 0 </u>
Knight	<u> Y </u>	Abstaining	<u> 0 </u>
Nelson	<u> Y </u>		

[Signatures on Following Page]

Underlined words are additions and ~~stricken~~ words are deletions.

Mecca Fink, Mayor

ATTEST:

Susan A. Owens, Town Clerk

Approved as to Form and Correctness:

Gary A. Poliakoff, J.D., Town Attorney

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