

**SEMINOLE COUNTY GOVERNMENT
AGENDA MEMORANDUM**

SUBJECT: Resolution to Reduce the Speed Limit on a Section of CR-426

DEPARTMENT: Public Works **DIVISION:** Traffic Engineering

AUTHORIZED BY: *W. Gary Johnson* **CONTACT:** *MCB* Melonie C. Barrington **EXT.** 5676
W. Gary Johnson, P.E. County Traffic Engineer

Agenda Date	<u>09/13/05</u>	Regular	<input type="checkbox"/>	Consent	<input checked="" type="checkbox"/>	Work Session	<input type="checkbox"/>	Briefing	<input type="checkbox"/>
		Public Hearing – 1:30	<input type="checkbox"/>	Public Hearing – 7:00	<input type="checkbox"/>				

MOTION/RECOMMENDATION:

Adopt a resolution authorizing a reduction in the speed limit on a section of CR-426 from 55 mph to 45 mph.

District 2 – Commissioner Morris

(Melonie C. Barrington, P.E.)

BACKGROUND:

A traffic engineering study and analysis was conducted on CR-426 west of Lockwood Boulevard by the City of Oviedo in conjunction with the proposed construction of Shane Kelly Park. The projected increase of local park traffic along CR-426 with related turning movements of passenger vehicles, vans, buses, horse trailers and other types of vehicles will create traffic safety concerns with a 55 mph posted speed limit. The City of Oviedo recommends and Traffic Engineering supports reducing the speed limit on CR-426 from Oklahoma Street to Van Arsdale Street from 55 mph to 45 mph.

Attachments: Resolution
Location Map
City of Oviedo Letter Requesting Speed Reduction

Reviewed by:	_____
Co Atty:	<u>N/A</u>
DFS:	_____
Other:	_____
DCM:	_____
CM:	<u><i>MB</i></u>
File No.	<u>CPWTE01</u>

RESOLUTION NO.

SEMINOLE COUNTY, FLORIDA

**THE FOLLOWING RESOLUTION WAS ADOPTED
AT THE REGULAR MEETING OF THE BOARD OF
COUNTY COMMISSIONERS OF SEMINOLE COUNTY,
FLORIDA ON THE _____ DAY OF _____ 2005.**

WHEREAS, speed zone studies have been completed in CR 426 from 500' west of Oklahoma Street to 500' east of Van Arsdale Street (1 mile total),

WHEREAS, the posted 55 mph speed limit on CR 426 from 500' west of Oklahoma Street to 500' east of Van Arsdale Street (1 mile total) has proven unacceptable given current conditions.

THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Seminole County, Florida, that the speed limit on CR 426 from 500' west of Oklahoma Street to 500' east of Van Arsdale Street (1 mile total) be reduced from 55 mph to 45 mph.

BE IT FURTHER RESOLVED that the Seminole County Traffic Engineering Division post appropriate speed limit signs on CR 426 from 500' west of Oklahoma Street to 500' east of Van Arsdale Street (1 mile total) to reflect this change.

ADOPTED THE _____ DAY OF _____ 2005

BOARD OF COUNTY COMMISSIONERS
SEMINOLE COUNTY FLORIDA

Carlton Henley, Chairman

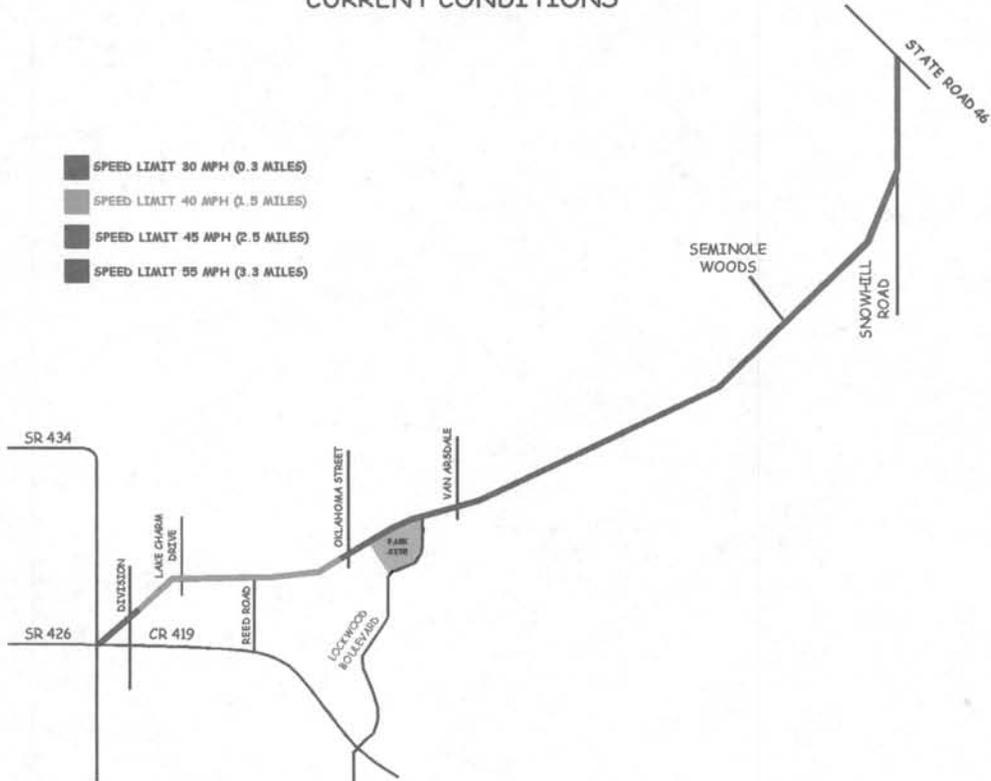
ATTEST:

Maryanne Morse, Clerk to the Board
Of County Commissioners of Seminole
County, Florida

CR 426 CURRENT CONDITIONS



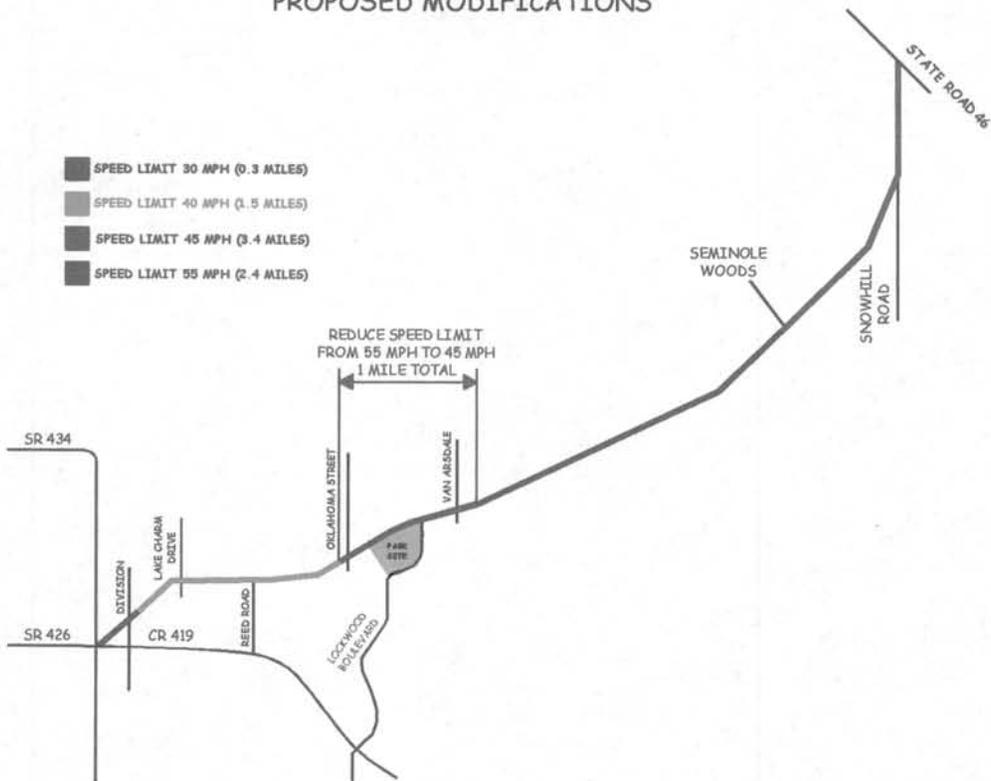
- SPEED LIMIT 30 MPH (0.3 MILES)
- SPEED LIMIT 40 MPH (1.5 MILES)
- SPEED LIMIT 45 MPH (2.5 MILES)
- SPEED LIMIT 55 MPH (3.3 MILES)



PROPOSED MODIFICATIONS



- SPEED LIMIT 30 MPH (0.3 MILES)
- SPEED LIMIT 40 MPH (1.5 MILES)
- SPEED LIMIT 45 MPH (3.4 MILES)
- SPEED LIMIT 55 MPH (2.4 MILES)



CR 426: PROPOSED SPEED LIMIT MODIFICATIONS

Seminole County Traffic Engineering
140 Bush Loop
Sanford, Florida 32773
Phone (407) 665-5677
FAX (407) 665-5623

August 2005 MBevis

File CR 426



CITY OF OVIEDO FLORIDA

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www.ci.oviedo.fl.us TDD LINE (407) 977-6340

August 2, 2005

Ms. Melonie Barrington, P.E.
Seminole County Traffic Engineer
140 Bush Loop
Sanford, FL 32773

Re: Shane Kelly Park / Request for Speed Reduction on CR 426

Ms. Barrington,

As you are aware, the City of Oviedo, along with a \$1.0 Million grant from Seminole County, is in the process of constructing Shane Kelly Park Phase 1 (Park). The Park is located along CR-426, just west of the intersection of Lockwood Boulevard and just west of a County maintenance yard frequented by dump trucks and trailered vehicles. The 65-acre Park will have soccer fields, tennis courts, baseball complex, football complex, picnic areas, equestrian facilities, a concession building, and other ancillary park uses and facilities. These facilities are expected to generate a significant local use. It is our belief that upon the opening of this Park, a considerable increase in local traffic will occur in this area along with related turning movements of passenger vehicles, vans, buses, horse trailers and other types of vehicles for both general use and planned local events.

CR-426 is a two-lane, rural section roadway with a 55 mph posted speed limit. Staff believes this speed limit will create a traffic safety problem for the Park. Further, our engineers have told us that if the access to the Park is designed for 55 mph, there is insufficient R/W to the west to accommodate the required turn-lane, and the pavement expansion to the east will further encroach into adjacent, jurisdictional wetlands.

For these and other valid reasons, we believe that a reduction in the speed limit in this area from 55 mph to 45 mph is necessary. On behalf of the local citizens, we thank you for your assistance with the important matter, and we trust that you will concur with our assessment of issue. We look forward to hearing from you with a favorable County evaluation and action.

Sincerely,

Bobby Wyatt, P.E.
City Engineer

cc: Mahmoud Najda, Development Review, Seminole County
JR Ball", P.E., Seminole County Engineering
Dru Boulware, Director, Parks & Recreation, City of Oviedo
Gerald Seeber, City Manager, City of Oviedo
Sid Chehayeb, P.E., CCEI

