

Notes by Linda Tanner, May 13, 2008

I did not see or hear anything mentioned about this subject matter in the March 12, 2008 Deborah L. Snyder, P.E. FDOT presentation slides or verbal discussions. I think Microsurfacing is a subject matter the Lee County staff, FDOT and the DR/GR Committee should explore. Our Committee has not heard of any ideas that can reduce the need for aggregate and aggregate mining like Microsurfacing might be able to do.

Microsurfacing

See www.slurry.com

800-748-6551, Ron Bolles, complete company name and address below.

Privately held company that is the largest Microsurfacing contractor in California and also in the West. Works globally, however. The projects must be of size (& timing) to offset mobilization costs. Sales are more than \$200M annually. This company is a vertical one which owns aggregate mines, hot mix plants, microsurfacing equipment, etc etc. California has weather much like Florida in that they have a very cold area and also Death Valley equal to none in terms of heat. Ron believes they have done a project in Florida but some of what they do is a joint venture and cannot be disclosed. He would have to do research to determine the nature of the Florida project(s).

Questions I asked Ron Bolles:

1. My neighbor who is in the Microsurfacing business in the Northeast United States told me that if microsurfacing is appropriate, it can reduce the need for aggregate by 40 - 50% and perhaps more. Do you agree with this statement. **Answer:** Yes, absolutely. It's not black magic, it's not a cure all, it's a viable maintenance treatment for roads.

2. My neighbor told me that if Microsurfacing is appropriate, it can be put on cold at night and we can drive on it by morning. Furthermore because the material can be applied cold there is a reduction in pollution compared to hot applications. Do you agree with these statements? **Answer:** Yes, absolutely.

3. My neighbor said that if the road is properly engineered and built, that Microsurfacing can be applied at 5 yr, 12 yr and 19 yr intervals to extend the life of the road. Do you agree with this statement. **Answer:** Yes, absolutely. Microsurfacing cannot extend the life of the roads forever but by keeping the roads properly sealed from weather and pollution elements (air, water, soot), it can extend the life of the road. We use what's called the Candle Curve to predict the life expectancy of the road.

4. My neighbor says that a road which has been Microsurfaced has some increased traction during wet weather conditions and that you might have a scientific paper to share with me on this issue. **Answer:** Yes, I will try to find that paper and email it to you.

5. Does Microsurfacing work for both concrete (Portland cement) as well as asphalt? **Answer:** Yes. With asphalt it is applied directly. With cement we like to apply a tact coat first to ensure a tight bond.

Valley Slurry Seal Co.

P.O. Box 981330

West Sacramento, CA 95798, USA

Telephone: (916) 373-1500 | Toll Free: (800) 748-6551

Fax: (916) 373-1438 | E-mail: vss@slurry.com

For Contracting Products and Services contact pavements@slurry.com

For all equipment needs contact:

VSS Macropaver Division

VSS Macropaver

PO Box 178

Hickman, CA 95323

Phone: 209-874-2719

Contact information for Ron Bolles

Ron Bolles

Business Development Manager

Valley Slurry Seal Company

P.O. 981330

3050 Beacon Blvd., Suite 205

West Sacramento, CA 95691

Office: (916) 373-1500

Fax: (916) 373-1438

Cell: (916) 416-6066

Email: ron.bolles@slurry.com

Website: www.slurry.com