

**Principals**

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**Lake Underhill Road Roadway Conceptual Analysis**  
**Third Public Meeting Summary**  
April 8, 2010

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On April 8, 2010, the Third Public Meeting for the Lake Underhill Road RCA was held at the Legacy Middle School. Orange County and project team attendees included:

- Jennifer Marquez, Assistant to Commissioner Mildred Fernandez, Orange County
- Wendy McNeill, Assistant to Commissioner Linda Stuart, Orange County
- Renzo Nastasi, Orange County
- Brian Sanders, Orange County
- Ian Phyers, Orange County
- Ghulam Qadir, Orange County
- Luis Alvan, Orange County
- Abdul Azim, Orange County
- Greg Moore, DRMP
- Vasu Persaud, DRMP
- Russell Strimple, DRMP
- Lisa Lanman, DRMP

The meeting was conducted in an open house format from 6:30 p.m. to 7:00 p.m. followed by a formal presentation by Brian Sanders. Mr. Sanders welcomed all attendees to the meeting and introduced the formal PowerPoint presentation consisting of:

- Discussion about the RCA process and the project needs
- Discussion on the alternatives considered for the project
- Presentation of the results of the alternative analysis
- Presentation of the recommended roadway widening concept
- Presentation of the overall project schedule
- Reiteration of the methods through which the public can participate in the project

The presentation was followed by an informal question and answer period. Throughout the meeting, representatives from Orange County and the project team were available to talk one-on-one with the public. The meeting adjourned at 8:00 p.m.

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**Presentation Materials**

Project information was displayed on presentation boards for public review. Presentation boards consisted of a Project Aerial outlining the preliminary preferred alternative which consists of divided four-lane urban typical section.

**Attendance**

Thirty-nine (39) residents attended the public meeting. Also in attendance were seven (7) Orange County representatives and four (4) consultants from DRMP.

## **Question/Answer Session**

Comments made during the question and answer portion of the meeting are summarized on the following page.

- ***Will the lighting provided as part of the roadway improvement shine everywhere?***  
The lighting fixtures are designed in such a manner to cover the roadway area rather than spill outwards. In addition, the power company can put shields on the fixtures if there is an issue at a particular location.
- ***Are left turn lanes being considered as part of the project?***  
Left turn improvements will be made at intersections based upon the anticipated traffic volumes.
- ***What is the process for a neighborhood to get a traffic light?***  
The intersection must meet state signal warrant criteria before a traffic light can be installed. These criteria involve analyses related to a variety of factors such as delay, turning movement volumes, mainline through volumes, and crashes.
- ***Instead of building roads we should spend public money building more traffic lights?***  
The Orange County work program is limited. The County is bound by the state signal warrant criteria. In addition, the installation of a traffic signal does not ensure that traffic will flow smoothly and in fact, too many signals can result in reduced traffic flows and delays.
- ***Will the traffic move faster if the road is widened?***  
More than likely, the flow of traffic will be improved when the road is widened although overall speeds will be governed by prevailing posted speed limits.
- ***Why did Rouse Road get widened before Lake Underhill Road?***  
The Rouse Road improvements were scheduled for improvements in the Orange County work program before Lake Underhill Road. There is a need for both east-west and north-south capacity improvements; however, it is difficult to address all of these needs since funding is limited.
- ***Why do we need to have a major road every half mile?***  
The County is looking at other modes of transportation such as improved bus service, commuter rail, light rail, etc. Many of these modes will take time to develop and establish so in the mean time the County also has to widen roads to fix current problems.
- ***Is the County coordinating with the utility companies?***  
Yes, the County has had numerous meetings with utilities companies including Progress Energy and Orange County Utilities who both have facilities along Lake Underhill Road.

- ***What is the deal with Lake Underhill Road between Goldenrod Road and Chickasaw Trail?***  
The widening of this section was supposed to be advanced in October 2009; however the geotechnical investigation indicated the presence of a significant layer of muck soil under the roadway. Further engineering investigation was needed to determine whether this layer should be excavated or “squeezed out.” This work has been completed and the project is on track to move ahead by utilizing a surcharge to compress the muck layer.
- ***What is the timeline for the project?***  
The Lake Underhill Road project is not currently funded for construction. The design phase of the project would occur next. The County is looking at potentially funding the design phase within a 5-year horizon.
- ***There are plans to rebuild the school on the west end of the project. Is this roadway project going to address that?***  
The County is not aware of any school rebuilding effort, though if such rebuilding does occur, it will be addressed during the design phase.
- ***Will this project maintain the profile and grading at the Pinar Drive intersection? Whenever it rain, water flows from Lake Underhill Road into Rio Pinar County Club Estates located to the south.***  
During the design phase of the project, a detailed survey will be performed to help determine the roadway grading that will be developed as part of the design. The roadway will be designed with a curb, gutter and inlets at the curb returns to address and intercept the storm water runoff to minimize runoff onto adjacent streets.
- ***I was told that the widening to Lake Underhill Road was not pursued because it will take funds away for SR 408. Are lights grandfathered in? I would like a light a Fieldstream North Boulevard.***  
Lake Underhill Road and SR 408 are operated by two separate entities – Orange County and the Orlando Orange County Expressway Authority. Funds from one agency generally cannot be transferred to another agency except on rare occasions when there are joint project opportunities.  
  
This is another question related to traffic lights. We can get together afterward to discuss this further.
- ***Will the utilities go above or below the ground?***  
This project is expected to require utility relocations which will be evaluated during design. Typically, power, cable, and telephone utilities are usually placed overhead for cost reasons.
- ***There is a pond behind me. Will this increase or decrease in depth?***  
Generally, drainage impacts are confined to the roadway facilities. All ponds will be further evaluated during design.

- ***What happened to the project at Alafaya Trail?***  
Innovation Way is funded using TRIP funds and is expected to alter traffic patterns in and around Alafaya Trail. This project will incorporate transit and pedestrian facilities.
- ***Do we look at future development?***  
Yes, definitely. The study process involves the use of a computer based travel demand model, which uses future land use information to forecast traffic in the twenty (20) year horizon.
- ***What are the planned improvements to the Orange Count Utilities facilities?***  
At this time, the Orange County facilities are anticipated to be located to the north of Lake Underhill Road within the County's public right-of-way.

### **Public Comments Received**

The following public comments were received at the meeting. Responses have been prepared as noted below.

***Comment*** – “Bus stops in front of Florida Hospital East do not have a pedestrian crosswalk. Every morning bus riders are crossing Underhill Drive at a busy area where the lanes currently narrow”

***Response*** – As part of the proposed Lake Underhill Road improvements, a new traffic signal will be installed to serve the main hospital entrance with pedestrian signals and crosswalks. In addition, these improvements will include new bus stop facilities in front of Florida Hospital and sidewalks on both sides of Lake Underhill Road.