



U.S. 1 CORRIDOR – COUNCIL OF PLANNING MEETING

Thursday – May 6, 2010 – 1:30 – 3:30 PM

Capital Area MPO Small Conference Room

Suite 800 Professional Building

127 West Hargett Street

Raleigh, NC 27601

Agenda

1:30 pm

Welcome/Introductions

Mr. Eric Lamb, US 1 Council of Planning chair, will give the welcome and introductions.

1:40 pm

US 1 Signal System Upgrades

Raleigh is planning a major signal system enhancement and expansion. The first corridor that will be worked on will be the Capital Boulevard corridor. Fiber will be installed along Capital Boulevard up to Burlington Mills Road; then directed into Wakefield Plantation to Falls of Neuse Road. Work on this corridor may begin in late summer/early fall of this calendar year. The timing of work along the US 1 Corridor is important since there has been interest to install a “super-street” on US 1 between Burlington Mills and New Falls of Neuse Boulevard.

Action: The US Council of Planning will receive an update from City of Raleigh staff on the status of the signal system upgrades.

2:15 pm

Proposed Development in Wake County

Bryan Coates (Wake County) will update the Council on a potential development along US 1 in the Wake Forest area. The developer has requested a Land Use Plan Amendment, and has had initial discussions with staff from Wake County and Wake Forest. This development is still in very preliminary stages.

Action: The US 1 Council of Planning will receive this information, and will not be requested to take action at this meeting.

2:45 pm

Shoppes at Caviness Farms in Wake Forest

Rynal Stephenson (Ramey Kemp & Associates) will present changes to their proposed development plan. They met with Congestion Management and the District NCDOT office to discuss proposed changes. The Council of Planning will review changes proposed to the development proposal for the Shoppes at Caviness Farm in Wake Forest.

Action: The US Council of Planning will conduct a second review of the “Shoppes at Caviness Farms.”

3:30 pm

Adjourn



US 1 Council of Planning Meeting
 May 6, 2010
 1:30 p.m.
 Capital Area MPO Small Conference Room

US 1 Council of Planning – August 20, 2009 Meeting		
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Guests		
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Bryan Coates	Wake County	Bryan.coates@wakegov.com
Michael Kaney	Weingarten Realty	
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MEETING NOTES

Welcome and Introduction

Mr. Eric Lamb welcomed Council of Planning participants, and asked members to review the minutes provided from the August 20, 2009 meeting. Scott Hammerbacher offered a motion to accept the minutes as presented with one typo correction. Chip Russell seconded the motion. Following a unanimous vote by the Council members, the minutes were adopted.

US 1 Signal System Upgrades

Mr. HP Humphries with the City of Raleigh offered an overview of the signal system upgrade project currently underway. The design for the project began in 2006. There are four phases for design and construction; Capital Blvd / US 1 is in Phase 1. Each stage is being bid separately. Phase 2 is Southwest Raleigh, Phase 3 is Northwest Raleigh, and Phase 4 is Southeast Raleigh. Central Raleigh is identified as the Green Ring. Phase 1 is the largest, with 180 signals, 90 miles of fiber, and an additional 21 cameras being added. Six of those will be on Capital Blvd at the following locations:

- North of Huntley/Trawick
- At the US 1 / US 401 split
- At Spring Forest Road

- At Old Wake Forest Road
- At Durant Road
- At Burlington Mills Road

The entire project will cause Raleigh to increase its number of signals maintained to around 600. The project on Capital Blvd is from Wake Forest/Person Street downtown north to Burlington Mills Road. The fiber will go all the way up to US 1A in Wake Forest, however. Fiber will be a combination of underground and overhead. Overhead lines will mostly latch to existing poles and wires. Construction of overhead fiber has begun, and the underground conduit is done for the Green Ring around downtown. Capital Blvd is the first area outside of downtown to receive work. The City IT department is running fiber in conjunction with the fiber being installed by Public Works. The first part of Capital will be completed by late summer or early fall. The project will reuse many signals that are out there now. The Council members agreed it was useful to have this information to coordinate any additional signal requests for developments along Capital Blvd. It was also noted that the Quarry on US 1 is looking into a superstreet facility to the south. HP noted that the fiber layout sheets could be emailed if necessary. The group agreed that was not necessary at this point, but would keep that in mind for future planning efforts.

Wake County Proposed Development

Bryan Coates with Wake County Planning reviewed this item. An applicant has requested a Land Use Plan amendment along US 1 at the northwest quadrant of US 1 and Purnell Road. The eastern side of the area is in Wake Forest's jurisdiction, and the western side is in watershed area, making it Wake County's jurisdiction. The applicant wants the area to become a Neighborhood Activity Center designation. The area would be four parcels equaling approximately six acres. There is 802 feet of road frontage on US 1. There are currently three residential driveways on the property; the applicant is considering a drug store and would likely request one driveway on US 1 and one driveway on Purnell. This request is scheduled to go to Planning Board in August. Mr. Coates inquired as to the appropriate time for the Council of Planning to get involved. Generally the Council of Planning is not involved until the site plan is developed. Chip Russell noted that the Town of Wake Forest had a revised plan for the US 1 and Purnell Road interchange area that was done by Kimley Horn Associates. The driveway location on the site plan may come into play if the superstreet is implemented. Mr. Lamb indicated that the Council of Planning is available as a resource to Wake County if they want comments specific to the site plan or prior to site plan submittal. Mr. Coates will advise CAMPO staff Shelby Powell when the Land Use Plan amendment goes to Committee.

A brief discussion followed regarding the recording of access closures on plats. Currently NCDOT is keeping track of these future closures. Council members indicated to Mr. Coates that the County should request exaction of road segments that match the US 1 Corridor Plan. Mr. Coates will forward the revised Purnell Road/US 1 interchange plans to the applicant when he receives them from Mr. Russell. This item will likely be presented to the US 1 Council of Planning in the future.

Caveness Farms Development Access

Mr. Rynal Stephenson and Mr. Ramey Kemp from Ramey Kemp and Associates presented information for this item. The plans have been revised since the Council last saw them. Currently there are unsignalized leftovers at Caveness Farms and the development's access road. These leftovers are causing delays and safety concerns. With a do-nothing alternative, the leftovers queue onto Capital Blvd. The developer is now looking at a third lane in each direction to tie into the NC 98 Bypass ramp. Mr. Stephenson suggested that the solution would consist of a signalized leftover with dual left turn lanes at Caveness Farms, and the installation of a signal for egress movements from the development. These would be two-phase signals with 900' of separation. The signals would be coordinated so that US 1 traffic only stops once. When US 1 goes to a freeway facility, the access road could be utilized as a backage road. The benefits of this design were outlined in a handout distributed by Mr. Stephenson. The tenant type in the development will be retail.

A Council member asked how long the road would maintain level of service after the development opens with a do-nothing alternative. It was advised that the level of service would break down immediately upon the

development opening. These improvements will extend the life of the intersection at least until 2014 according to their models. It was further noted that all residential traffic behind the development would use the egress onto Capital Blvd if given the option. The conceptual plan can fit into existing right-of-way, but no costs for mitigation or shoulder work, etc, had been evaluated yet. It was noted that the signals could feasibly be coordinated with the New Falls of Neuse signal. The consultant agreed to look into the feasibility of extending the signal fiber to the project to allow that coordination to happen.

Mr. Doumit Ishak advised that he had reviewed the traffic projections and found that in 2020 with these improvements, we could expect a LOS A in the a.m. peak and LOS B in the p.m. peak. Also considered was pushing the 400 exiting trips from the development to the NC 98 bypass interchange to turn around, but this would destroy the LOS of the interchange. Mr. Reid Elmore stated that a public road attachment to Caveness Farms would be difficult due to the ravine-like topography in the area. He also mentioned a concern that allowing a left-out concept here may set an unwelcomed precedent on the corridor for future projects. He further noted that shoulder work would be required, and the shoulders would need to meet freeway standards. This infrastructure would help this area of the US 1 corridor, and would add to the final vision of the plan.

Mr. Ishak noted that he looked at the Traffic Impact Analysis, and recommended adding one lane northbound. He compared the old proposal to the new proposals, and this new proposal works much better.

The Council discussed the possibility of reversing the recommendation, putting the egress movement from Caveness Farms Avenue and the signalized leftover into the development road. Mr. Stephenson advised that this would cause undue queuing on Capital Blvd as autos waited to turn left were combined with the autos exiting onto Capital Blvd from Caveness Farms Ave. Mr. Ed Johnson advised that if the leftover and egress movements were reversed, it could benefit both sides of US 1, rather than being specific to the development. Mr. Eric Lamb agreed, stating that with a superstreet configuration, there would be two independent operations; here, the left-out stops both lanes of traffic but only serves this development. Several members also noted that the roundabout would need to be removed to accommodate the queuing of exiting vehicles. Further, it was noted that the signal timing is important to maintain flow on US 1. Mr. Stephenson agreed to evaluate the project with the left in and left out reversed. The Council agreed to meet again after this evaluation was complete to review the plan again. Mr. Ishak asked to review the results before they were presented to the Council of Planning. Mr. Stephenson will coordinate with Shelby Powell to schedule a follow-up meeting when the results are ready.

Other Business

Mr. Lamb recommended that the Council review it's administrative documentation, including the Memorandum of Understanding and Bylaws at the next meeting. Specifically he suggested a possible revision to the membership list. Mr. Kenneth Withrow advised that the group had not formally adopted Bylaws, and was operating purely from the MOU. The Council agreed to review these documents at the next meeting.

There being no further business, Mr. Lamb declared the meeting adjourned.