

Traffic Committee
MINUTES
November 17, 2015

Committee Members

Present:

Chairman Susan Ruinen, Vice-Chair Clyde Smith, Secretary Karen Hanner, Mark Churchill, Bob Ferrell, Rosemary Wilson, Pat Melton, Larry Yon, Transportation Director Randy Edwards, Parks and Sanitation Foreman Johnny Dillard, and Planning Commission Liaison Frank Berry

Attending:

Chief Terrence Green, Lieutenant Thomas Stowe, Town Administrator Britt Poole, Lexington County Engineer Joey Derby and Tony Sheppard

Call to Order:

The meeting was called to order at 8:02 AM in the Third Floor Conference Room by Chair Susan Ruinen.

October Minutes:

Chairman Ruinen asked if there were any corrections or comments regarding the October 20, 2015 minutes. Larry Yon made a motion to approve the minutes as submitted. Randy Edwards seconded the motion. All in favor, none opposed.

Traffic Model Presentation:

Chairman Ruinen introduced Tony Sheppard from Kimley-Horn who presented a demo for the SC 6 One Way Pair Project. (See attached.) Traffic counts were taken in September for the project area on SC 6, Church Street, Butler Street, Main Street and Maiden Lane. Mr. Sheppard showed a traffic model using existing conditions with traffic backups forming on US 1. Then he showed northbound traffic staying on SC 6 while southbound traffic used Church Street and Maiden Lane. He stated the model showed that the intersection at South Church Street and Maiden Lane operated better with a traffic signal which would also provide a safer pedestrian crossing for patrons of the amphitheater at the Ice House Project. Travel times on US 1 improve by 40% with a 50% improvement projected by 2018 and 70-80% improvement by 2038. Travel times on SC 6 initially increase but balance out and show improvement on PM peak times. The design will include concrete islands, physical barriers and signage to help direct traffic into the new patterns.

Insync Signal:

Transportation Director Randy Edwards told the committee that five signals were connected and should be operating by the end of December.

Vision Plan:

Town Administrator Britt Poole said the 14 Mile Creek Trail is still closed due to extensive damage from the October flood. At the November Work Session, Council discussed modifying the end of the trail to remove two bridges that have taken the brunt of the damage from flooding creating a new loop in the trail.

The Shirey's building is under renovation by the new owners. The bid process has begun to build on the property behind the Shirey's building.

- Crosswalk at Old Chapin Rd:** There is no new information at this time.
- Gibson at S Lake:** There is no new information at this time.
- Crosswalk for Judicial Ctr:** Town Administrator Britt Poole reported discussions are underway with Lexington County regarding sharing the cost of installing a gate at the mid-block opening in the fence around Lexington Square.
- Fence at Butler St:** SCDOT will study this intersection but there are limited options to improve visibility.
- Hospitality Projects:** Transportation Director Randy Edwards stated he met with SCDOT to work on a preliminary analysis. They are working on traffic counts.
- No Left on Taylor:** A No Left Turn sign has been added at Taylor Drive and East Main Street. Chief Green commented that it was installed when the bridge was closed. Director Edwards said he would ask SCDOT.

SCDOT Items

- US 378 at Old Cherokee:** There is no new information at this time.
- Park Rd No Right on Red:** There is no sign for No Right on Red at this time.

Mr. Poole added a request to look at the traffic on Hope Ferry Road from the entrance to Hope Ferry Plantation to US 378. The speed limit is posted at 45 mph and there have been rear end collisions at the entrance to the subdivision. Chief Green said a traffic speed study would be conducted.

Chair Ruinen said the Traffic Committee would not meet in December.

The next Traffic Committee meeting is scheduled for Tuesday, January 26, 2016, at 8:00 AM in the Third Floor Conference Room at the Lexington Municipal Complex, 111 Maiden Lane, Lexington, SC.

- Adjournment:** The meeting was adjourned on a motion by Randy Edwards and second by Bob Ferrell with unanimous approval.

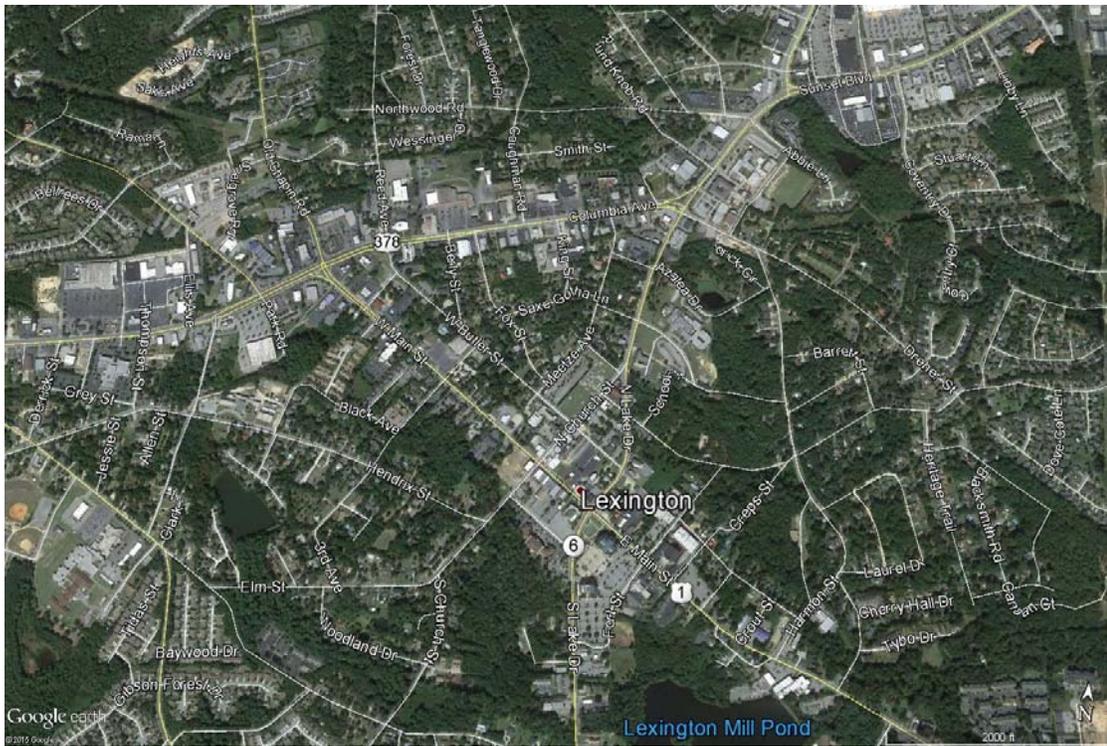
Respectfully submitted by Karen Hanner,

Approved By:

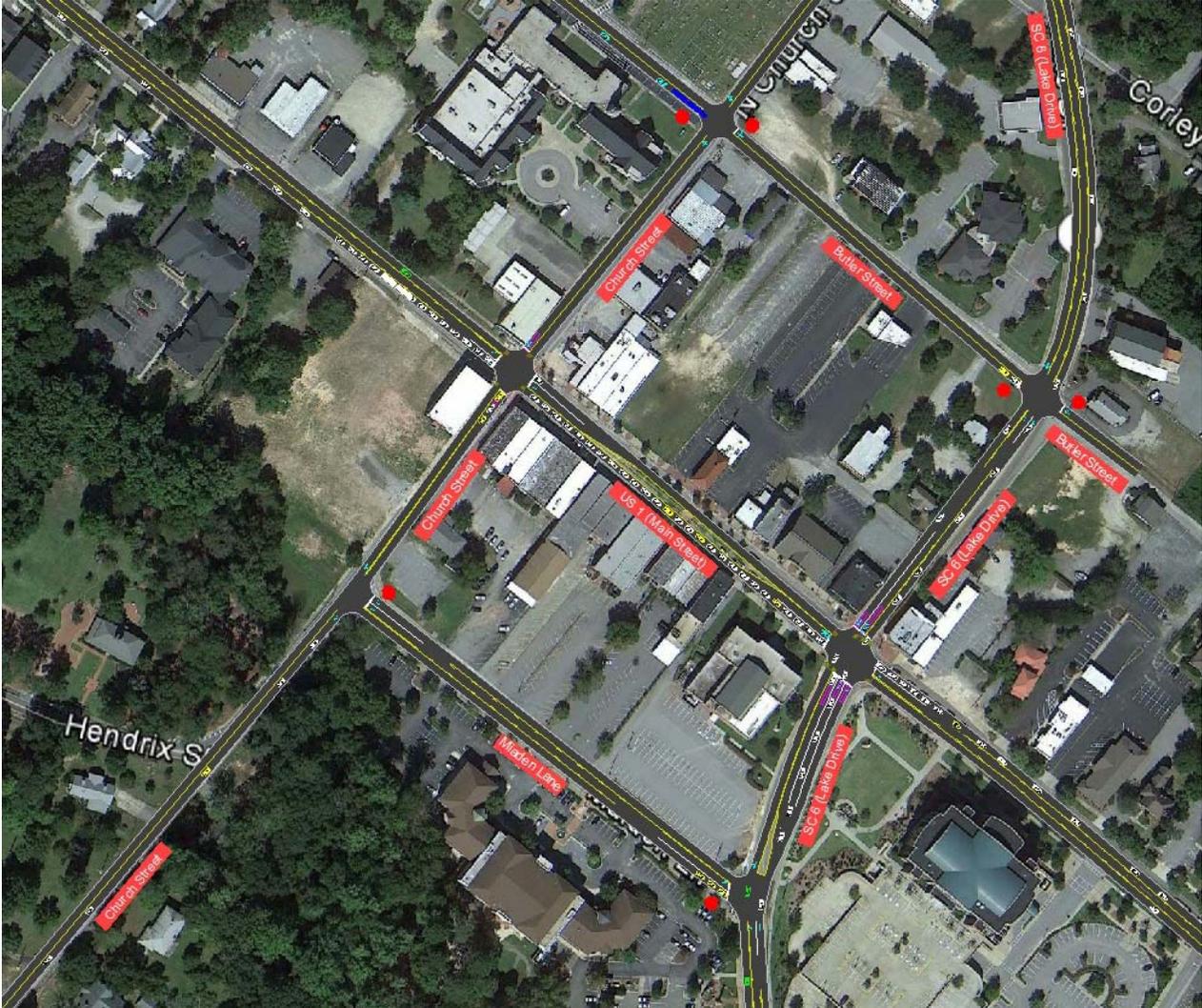
Susan Ruinen, Chair

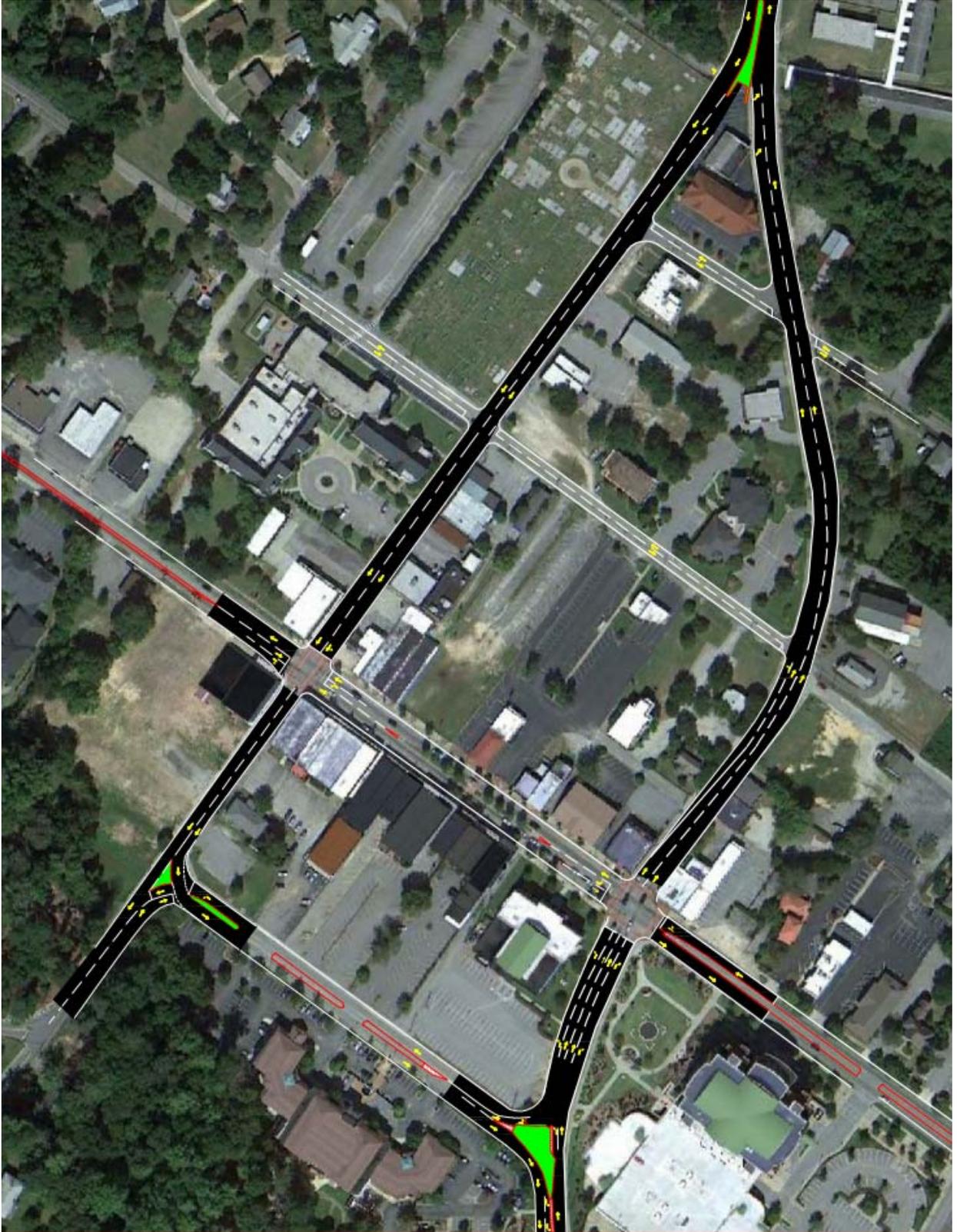
FOIA COMPLIANCE – Public notification of this meeting was posted in compliance with the Freedom of Information Act and the Town of Lexington requirements.

SC 6 One Way Pair Project

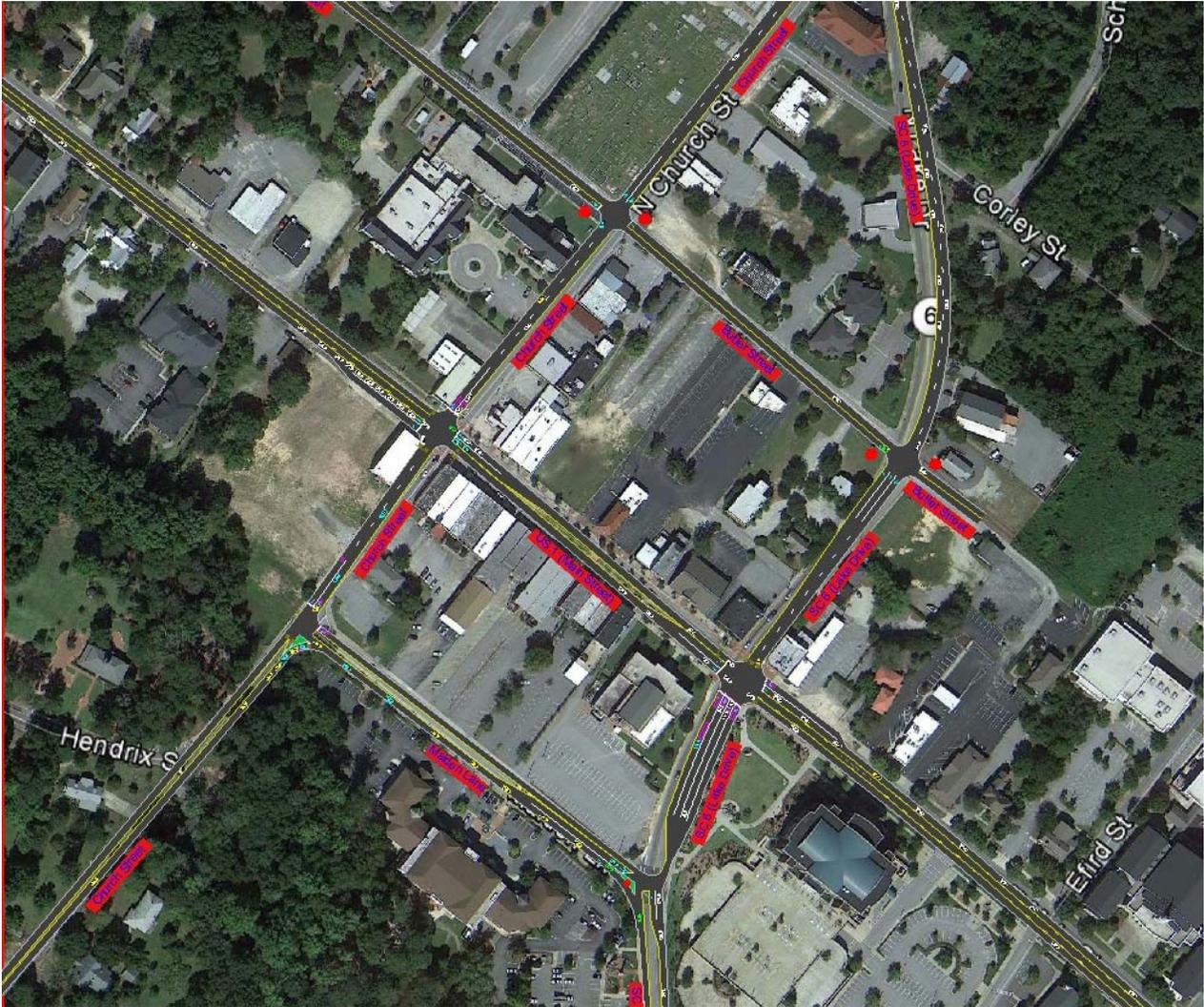


2015 Existing Conditions
AM Peak





2018 Build Condition
AM Peak



Travel Time – US 1

US 1 (Main Street) Travel Time in Seconds														
			2015 Existing		2015 Build		2018 No Build		2018 Build-Out		2038 No Build		2038 Design Year	
Route	From	TO	AM Peak Hour	PM Peak Hour	AM Peak Hour	PM Peak Hour	AM Peak Hour	PM Peak Hour	AM Peak Hour	PM Peak Hour	AM Peak Hour	PM Peak Hour	AM Peak Hour	PM Peak Hour
US 1 (Main Street)	Church Street	SC 6 (Lake Drive)	273.6	179.6	138.5	130.8	313.1	283.5	128.9	130.3	1137.4	1010.1	192.2	259
	SC 6 (Lake Drive)	Church Street	98.9	135	89.4	135.5	113.3	140.4	76.1	77.8	499.5	771.3	113.5	229
Total Travel Time			372.5	314.6	227.9	266.3	426.4	423.9	205	208.1	1636.9	1781.4	305.7	488

Travel Time – SC 6

SC 6 (Lake Drive) Travel Time in Seconds														
			2015 Existing		2015 Build		2018 No Build		2018 Build-Out		2038 No Build		2038 Design Year	
Route	From	TO	AM Peak Hour	PM Peak Hour	AM Peak Hour	PM Peak Hour	AM Peak Hour	PM Peak Hour	AM Peak Hour	PM Peak Hour	AM Peak Hour	PM Peak Hour	AM Peak Hour	PM Peak Hour
SC 6 (North Lake Drive)	Church Street	Malden Lane	99.2	161	128.4	140.9	109.5	207.4	126.3	136.1	321.4	1283.9	166.5	187.7
	Malden Lane	Church Street	96.3	182.4	76.8	74.3	106.9	241.7	92.5	108	457.4	1616.6	96.4	93
Total Travel Time			195.5	343.4	205.2	215.2	216.4	449.1	218.8	244.1	778.8	2900.5	264.9	280.7