



Engineering A Brighter Future®

August 29, 2016

Mr. Charles Brown, PE, PLS
North Carolina Department of Transportation
Location & Surveys Unit
1588 Mail Service Center Raleigh,
NC 27699-1588

Re: Certification Letter for JMT Project No.: 14-0929-015
NCDOT TIP No.: B-5665, Project No.: 45620.1.1
Job ID No.: B5665-con-jmt

The purpose of this letter is to review and certify the Professional Surveying Services performed by JMT on the above referenced project. A scoping meeting was held by conference call regarding Bridge #138 on SR 1309 over Little Fishing Creek in Halifax County on August 1, 2016 to discuss the requirements and scope of the proposed work for B-5665. The assignment was to perform additional conventional topographic survey for the replacement of Bridge #138 and raising of the road grade by NCDOT along SR-1309. JMT received project files, plan sheets, a list of guidelines and contact information from Paul Woodard.

All reports and deliverables were submitted to Paul Woodard in the Wilson Location and Surveys office.

Sincerely,

Michael Zmuda, LS, PE
Senior Associate

I, Michael W. Zmuda, a Professional Surveyor in the State of North Carolina, hereby certify to the best of my knowledge and belief that the Professional Surveying Services performed for the North Carolina Department of Transportation under my supervision between the dates of August 12, 2016 and August 29, 2016 for TIP No.: B-5665, Project No.: 45620.1.1 are in accordance with the NCDOT Location and Surveys Surveying Agreement (LSC No. 7000015732) dated January 6, 2015 and with accepted Surveying and Engineering general practices and procedures.

Michael W. Zmuda, PLS #L-5205
Senior Associate





B5665-con-JMT -- SURVEY REPORT AND SUMMARY

Project: 45620.1.1 – Additional Survey for Approaches to Bridge #138 on SR 1309 Little Fishing Creek
From: Approximately 350' Along SR 1309 North of Little Fishing Creek
To: Approximately 1450' Along SR 1309 South of Little Fishing Creek
Halifax County
August 29, 2016

To: Paul Woodard, PLS

Project Scope: JMT is to perform additional topographic survey of this corridor, capturing property, ditches, roadway, stream cross-sections and planimetrics features within 75' of the eastern roadway edge. The width of the survey limits varies as they encompass a new alignment approximately 225' west of existing SR 1309, including a swath that extends west of existing SR 1309 approximately 350'. The survey limits are depicted in a graphic submitted to JMT by NCDOT.

Notice to Proceed was received from Central Office on August 12, 2016

Property Research

Property Research was begun shortly after receipt of NTP. Our research technician spent two days at the Halifax County courthouse, including the Utilities Department and Planning, attempting to discover and retrieve deeds and plats as they pertain to the utility easement. Upon his return, he has been requesting information from Dominion Power – North Carolina through their web service without much success as of yet.

After calling several different Power Companies that serviced the area, Walter was able to get in touch with Halifax Electric Membership Association. Walter spoke with a Mike Butts, the Staking Engineer, first about 08/15/2016, and again on 08/24/2016. He conveyed to Walter that he believed it was **Halifax Electric** power line poles, and that he had to field check to verify. On the second call, he had not gotten a chance to field check, but said that he was pretty sure that the easement was 30 feet, centered on the pole line, he looked for paper work on this, but has not found any. As of 8/29/16, he is going to field check, and check for paper work on the easement, and get back with us. Apparently, a significant portion of their older records are archived off-site and Mike Butts will need to investigate. We will notify you when we receive further information. Mike Butts is at (252) 445-5111.

Regarding the ownership of parcel, south of Spruills Bridge Road, please refer to Exhibit #1 and Exhibit #2 in the Property data folder.

Exhibit #1, the TM for Halifax County.

After researching online and at the county came up empty, Walter spoke with Judy Barbee at the Register of Deeds office, and the finance office.

An assistant at the finance office looked at their files, and could not come up with any information on the parcel with "NO INFORMATION", from the GIS page.

She suggested that it may be a Warren county taxed parcel.

Halifax Contact Info

Register of Deeds

252-583-2101

Exhibit #2, the TM for Warren County.

The Warren County map shows a parcel that extends into Halifax County, that is south of Spruills Bridge Rd/Airlie Rd. Walter spoke with Tina from The Tax Administrators Office, and left a voice and e-mail message with Starlin Beatty (Assessor).

She gave Walter the opinion that they believe all of the area south of Spruills Bridge is being taxed through Warren County as the parcel Pin# 3914500764.

In looking at the deed for this property, it references a plat that she has found, and emailed to us. It looks as though the plat refers to the property south of our subject area and adjacent to Reedy Creek. See Exhibit Plat 4-57. I do not have anything definitive to report regarding ownership of this parcel. The County says that no one is paying taxes on it.

Warren Contact Info

Starlin Beatty (April) Tax Administrator Office

252-257-1822

Survey Control

Concurrently, JMT sent two survey crews to extend control via leveling and conventional traverse. All fly points and subsequent traverse would come off these points. Copies of field notes are included with the deliverables.

Topographic Survey

Once our control was set, we began performing our topographic survey as requested. One crew began performing the stream cross-sections for the stream extension. The other crew began to the north and worked south collecting the smaller areas of corridor extension as requested. The field work was completed August 19, 2016.

Hydrographic Survey:

JMT survey crews have extended the stream cross-sections by approximately 350' for the extension as requested.

Office Processing Report

In the office, we began processing the control work and relayed coordinates back to the crews. We delivered our files for preliminary review on August 24. We have received comments back and will provide one more quality review and submit on the 29th.

Delivery

Delivery date is August 29, 2016. JMT is on-schedule for submission. Overall, the field and office work has proceeded well and according to plan. We are continuing to research where we can to discover record evidence for the easement.

Submitted by,

A handwritten signature in blue ink, appearing to read "MZ", is written over the printed name.

Michael Zmuda, LS