

Transportation Committee Meeting

October 11, 2016

Agenda

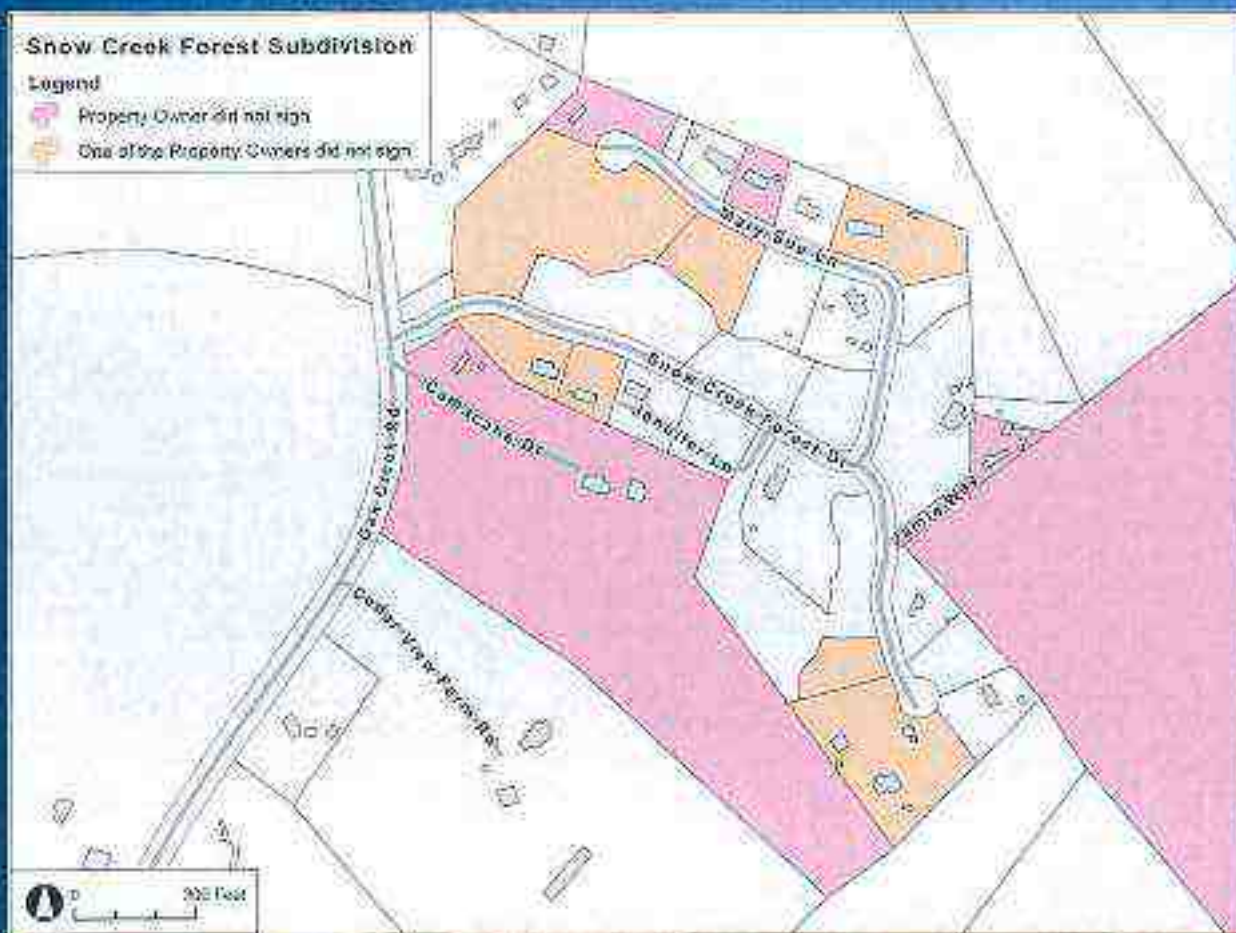
- Rudimentary Road Program/Snow Creek Forest Roads
- Shadowood Subdivision Roads
- Staff Activity Report / Update

Rudimentary Road Program/Snow Creek Forest Roads

Staff Report of Findings

- The road meets the requirements of the Rudimentary Road Ordinance
- Right-of-Way to be acquired to go to full Council

Snow Creek Forest Roads (Cont)



Funding to Improve Roads

- \$82,866 for Snow Creek Forest Dr
- \$50,444 for Mary Sue Ln
- \$6,437 for Jennifer Ln
- \$6,827 for Jamie Way
- \$146,396 Total Estimate (Materials Only)

Funding to Maintain Roads (once a year)

- \$11,272 Annual Cost (Materials Only)

Snow Creek Forest Roads (Cont)

Direction Needed

- Which roads do we wish to accept into the program?

Action If Desired

- *To direct staff to review the information requested and noted below for completeness and if complete request consideration for acceptance and funding at the next Council Meeting. Applicant shall provide right-of-way survey plat and deeds (including cul-de-sacs) as may be necessary to construct the Rudimentary Roads as shown on the Map (Attachment 1).*

Shadowood Subdivision Roads

Background

- At the July 14, 2015 TC Meeting staff was directed to obtain additional information from the developers of Shadowood Subdivision. A letter was sent to the developers by staff requesting the following items.
- Recorded Final Plat
- As-built of the right-of-way
- Engineer's certification of the items not meeting the ordinance.

Documentation Provided by the Developers

- As-built of the right-of-way
- Engineer's certification of the items not meeting the ordinance
- A Final Plat was not provided

Shadowood Subdivision Roads

Issues Listed by the Engineer That Do Not Meet The Ordinance

- Shoulder less than 4'
- Reverse horizontal curve (S Curve) spacing
- Distance between horizontal curve and intersecting road
- Landing area at intersection not provided

Other Issues Noted on Review

- Vertical alignment
- Distance between intersecting roads

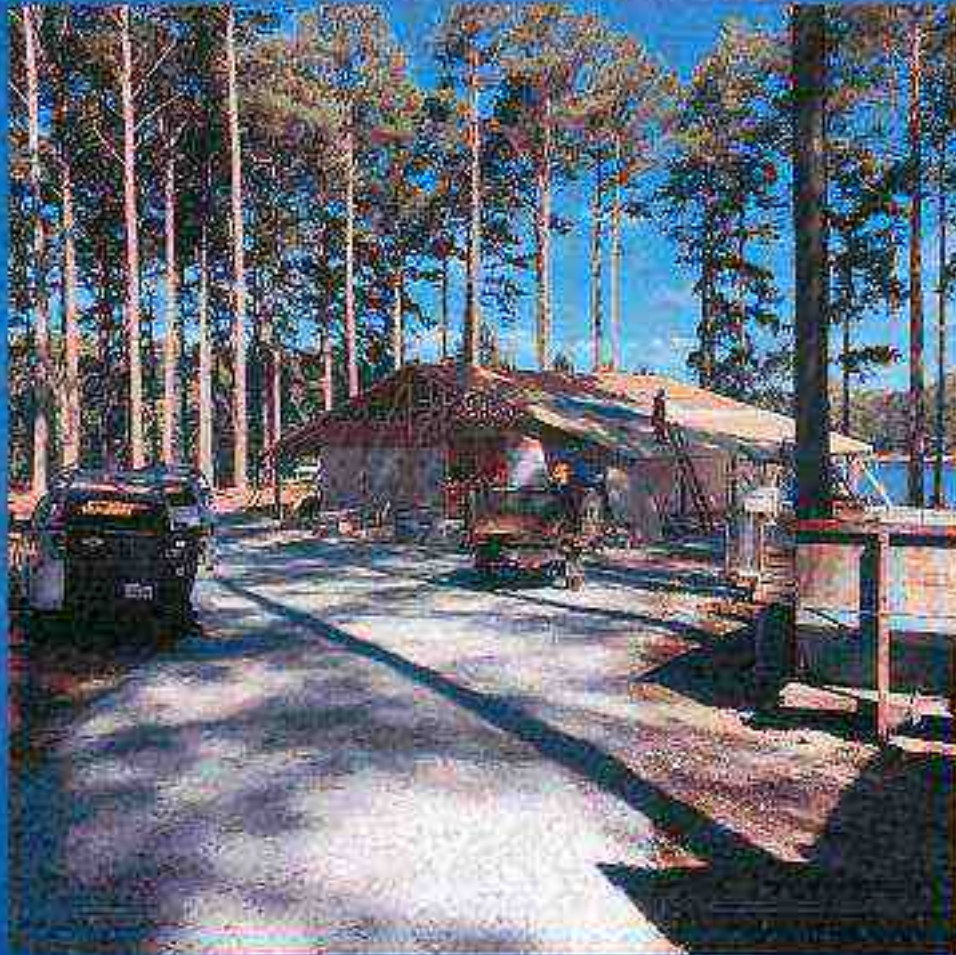
Discussion

Staff Activity Report / Update

Long Creek Community Center



South Cove Maintenance Shed



Solid Waste Patching



End

STAFF REPORT OF FINDINGS

TO: Transportation Committee
FROM: Mack Kelly, County Engineer
DATE: October 11, 2016

PRIVATE ROAD SYSTEM SNOW CREEK FOREST SUBDIVISION (See Attachment 1)

FACTS

The process for the acceptance of a road into the Rudimentary Road Program is to follow the requirements listed in the ordinance referenced below. Summary of Investigations:

<u>The County Needs to Determine:</u>	<u>Determination:</u>	<u>Attachment</u>
1 Serves 11 or more occupied residences.	Serves 13.	1 & 2
2 Road is unpaved and in disrepair.	Yes.	2 & 3
3 Emergency Services has determined the road to be unsafe.	Yes.	3
4 Cul-de-sac	Needed	1

Pertinent Ordinance or Regulation

Rudimentary Road Ordinance (Attachment 4)

Recommendations

Staff has determined that the road meets the criteria established in the Rudimentary Road Ordinance. Staff recommends right-of-way deeds and a plat of the right-of-way be prepared for County Council to consider acceptance of The Snow Creek Forest Subdivision Roads (as shown on Map (Attachment 1) into the Rudimentary Road Program. The road right-of-way could not be determined based on review of documents obtained from the Register of Deeds.

Also please note:

- Property owners for 5 tracts did not sign the petition.
- An additional 7 tracts did not have all listed property owners sign the petition.
- It appears that some signing the petition, signed without item #10 being completed.

The estimated cost to initially improve the roads (material cost only) is:

\$82,688 for Snow Creek Forest Dr,

\$50,444 for Mary Sue Ln,

\$6,437 for Jennifer Ln, and

\$6,827 for Jamie Way

The grand total estimate is \$146,396.

The estimated annual cost to maintain the roads (material cost only) is \$11,272.

If the Transportation Committee decides to take action, the motion should include instructions for the applicant and staff on how to proceed.



For example:

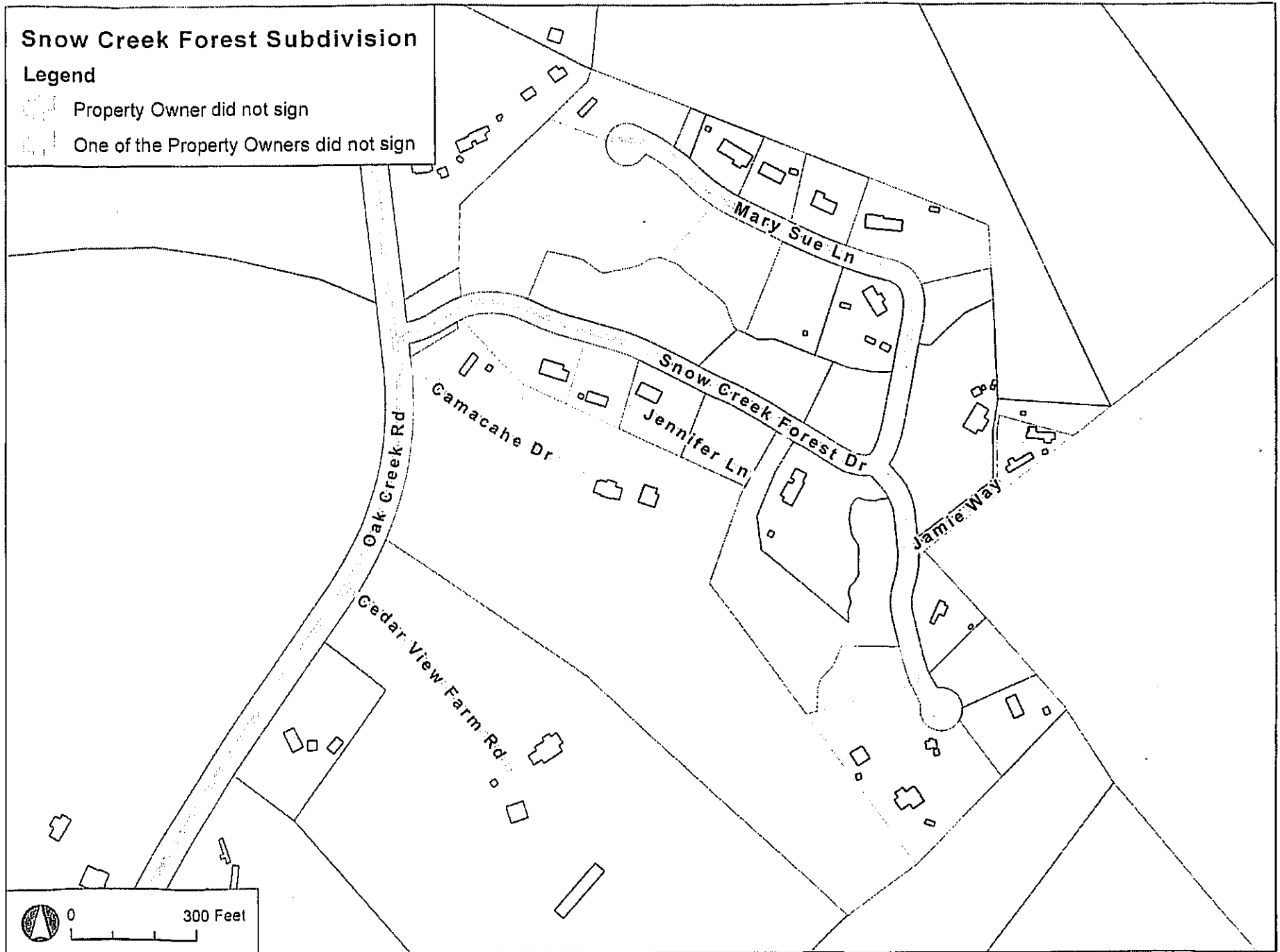
I make a motion to direct staff to review the information requested and noted below for completeness and if complete request consideration for acceptance and funding at the next Council Meeting. Applicant shall provide right-of-way survey plat and deeds (including cul-de-sacs) as may be necessary to construct the Rudimentary Roads as shown on the Map (Attachment 1).

ATTACHMENT 1 (Map)

Snow Creek Forest Subdivision

Legend

-  Property Owner did not sign
-  One of the Property Owners did not sign



ATTACHMENT 2 (Application)

Application Checklist for Road Acceptance into Oconee County Rudimentary Road Program

ROAD INFORMATION

Road Name: SNOW CREEK FOREST DRIVE
Applicant Name & Title: DEBORAH SHARP
Applicant Phone Number: 864-324-1851
Applicant Email Address: DSharp@ghs.org

CHECKLIST

COMMENTS

- The road is a private road.
- The cost of bringing this road up to County standards for public road acceptance would be prohibitive for property owners.
- The road serves a minimum of eleven occupied residences.
- All property owners adjacent to and/or served by this private, unpaved road have signed the Petition for Acceptance into Oconee County Rudimentary Road Program. (See Attachment 1)
- The road is unpaved and in a state of severe disrepair, such that it may be impassable by emergency vehicles or otherwise dangerous. Documentation and letter from Emergency Services has been obtained. (See Attachment 2). You may call Emergency Services at (864) 638-4200.

Deborah Sharp
9-08-2016 @ 10:40

Petition for Acceptance into Oconee County Rudimentary Road Program

Petition summary and background	A petition for acceptance of private, unpaved road into Oconee County's Rudimentary Road Program.
Action petitioned for	We, the undersigned, are all property owners adjacent to and/or served by a private, unpaved road that is in a severe state of disrepair.
By signing this petition I/we agree:	<p>Each property owner, individually, agrees to and assumes individual responsibility for all requirements stated below:</p> <ol style="list-style-type: none"> 1. To convey a 50' right-of-way to Oconee County ("the County") by deed that will allow the County to carry out all tasks necessary for the initial upgrade and maintenance of the entire road and to include a plat that identifies the easement area. 2. That all property owners adjacent to or served by this road will remove any structures, improvements, debris, etc. that exist within the right-of-way. 3. To accept the conditions and results of limited upgrade and maintenance, as well as resulting storm water runoff. 4. That use of this road by the public will be unrestricted. 5. To release, indemnify, and hold the County harmless from any claims or damages arising or alleged to have arisen, from or in any way related to the Rudimentary Road Program. 6. That the costs of bringing this road up to County standards for acceptance would be prohibitive for the residents. 7. That maintenance shall be on an as needed basis but not to exceed one (1) time per calendar year, barring the need for emergency-related work as determined by the Roads and Bridges Department. 8. That Rudimentary Roads shall not be eligible for improvements as contemplated by O.C. Code § 26-5. 9. That additional ingress and egress encroachments along Rudimentary Roads are prohibited. 10. That property owners will pay all costs associated with the Petition. Costs associated with the Petition may be allocated based on (Select one) <ul style="list-style-type: none"> <input type="checkbox"/> Road frontage <input type="checkbox"/> Assessed value of property <input type="checkbox"/> Number of lots along the road; or <input type="checkbox"/> Other agreement (must attach agreement to Petition)

Did you get letter from
the Chief?

Robert + Deborah
Winters' sign

Routing - No physical address,
PO Box address

Robert Shump -
9/6/16 3844-1851 (car)
885-7109 (work)
Patterson - Mrs. Trahan
appears to be authorized -
possibly in jail - 7/16
calling out on record

Petition for Acceptance into Osceola County Rudimental Road Program

Printed Name	Signature	Address	Comment	Date
Juanita Turner	Juanita Turner	404 Jamie Way	We need the road fix	7-14-16
Adelia M. Young	Adelia M. Young	308 MARY SUE Lane	Fix over roads	7-14-16
Ray M. Smith	Ray M. Smith	303 MARY SUE Ln.		07/14/2016
Teresa Smith	Teresa Smith	303 Mary Sue Ln		7-14-16
Tony Wilson	Tony Wilson	309 MARY SUE Ln		7-14-16
Bradley Under	Bradley Under	309 MARY SUE Ln		7-14-16
Sharon William	Sharon William	402 Jannie Way	on behalf of Jacob & Angel Holiday	7-14-16
Dan Faulkenberry	Dan Faulkenberry	314 Mary Sue Ln.	864-784-8042	7-14-16
Josh Rankin	Josh Rankin	122 Snow Creek Forest	864-680-0428	7-14-16
Charles Ellsco	Charles Ellsco	102 Snow Creek Forest	864-972-5620	7-14-16
Jeff Rankin	Jeff Rankin	122 Snow Creek Forest	864-723-3155	7-14-16
Ben Taylor	Ben Taylor	119 Snow Creek Forest	864 614-0408	7-14-16
Debbie Sharp	Deborah Sharp	123 Snow Creek Forest Dr		7-14-16
William DeWall	William DeWall	201 Fernside Lane Sene	864 247-4075	7-19-16

(over)

Petition for Acceptance into Oconee County Rudimentary Road Program

Vickie A. Duval	Vickie A. Duval	(804) 813-2035 245 Johnny Cox Rd West Seneca	make drivable	7/21/16
Samuel N. Duval	Samuel N. Duval	Duval Blvd West Seneca 1216 Cornelia Rd. Seneca, SC 29672	make drivable	7/27/16
Brenda Gibson	Brenda Gibson	309 Mary Sue Ln. Seneca, S.C. 29678		08-18-16
David Powell	David Powell	250 Hatfield Seneca 29678		8-19-16
Spencer Wilson	Spencer Wilson	109 Perry Ave., Seneca, SC	pave it	8/31/16
Charles Wolrath	Charles Wolrath	302 Marysue Ln Seneca	MAKE USABLE	9-5-16

ATTACHMENT 3 (Emergency Services Letter)



OCCONEE COUNTY EMERGENCY SERVICES

216 EMERGENCY LANE, WESTMINSTER, SOUTH CAROLINA 29693

"ONE COUNTY, ONE MISSION!"

PHONE (864) 634-4200

FAX (864) 638-7046

Thursday, September 08, 2006

Mr. O. Mack Kelly, Jr.
PE, PLS, CFM
County Engineer
415 S. Pine Street
Wainalla, SC 29692

Subject: Oak Creek Forest Recreational Road Program

Dear Mr. Kelly:

I have reviewed our records and have spoken with local emergency services personnel. After my review, I find that the roads referenced below is indeed in such condition that it prevents emergency services vehicles from reaching residents along the road without risk to the safety of emergency services personnel and the general public.

All named roads leading from and including Oak Creek Forest have deteriorated to the point that they can not safely support emergency vehicle access. Erosion has created multiple ruts and holes that are more than 8" in depth and span the width of the roadway. The gravel surface on the majority of the roads within the subdivision has washed away as well. During rain or inclement weather, we would consider the roads impassable and access would not be possible.

Please let me know if I can provide further information or assist in any way.

Sincerely,

Charles V. King, Fire Chief

ATTACHMENT 4 (Rudimentary Road Ordinance)

STATE OF SOUTH CAROLINA
COUNTY OF OCONEE
ORDINANCE 2016-16

AN ORDINANCE TO AMEND CHAPTER 26, ARTICLE I OF THE CODE OF ORDINANCES OF OCONEE COUNTY PERTAINING TO UNIFIED ROAD STANDARDS IN ORDER TO ESTABLISH STANDARDS FOR, AND PROCEDURES IN RELATION TO, THE ACCEPTANCE OF CERTAIN UNPAVED ROADS, WHICH DO NOT MEET THE STANDARD REQUIREMENTS FOR ACCEPTANCE INTO THE COUNTY PUBLIC ROAD SYSTEM, FOR MINIMUM IMPROVEMENT AND MINIMUM MAINTENANCE; AND OTHER MATTERS RELATED THERETO.

WHEREAS, consistent with the powers granted county governments by S.C. Code § 4-9-30 and pursuant to S.C. Code § 4-9-25, Oconee County (the "County") has the authority to enact regulations, resolutions, and ordinances, not inconsistent with the Constitution and general law of the State of South Carolina, including the exercise of such powers in relation to health and order within its boundaries and respecting any subject as appears to it necessary and proper for the security, general welfare, and convenience of the County or for preserving health, peace, order, and good government therein; and

WHEREAS, there exist certain unpaved Private Roads¹ within the County that are in dire need of repair, roads which are often impassable by emergency vehicles and/or that are otherwise dangerous, and which do not meet the standard requirements for acceptance into the County public road system. For purposes of this Ordinance, these roads are hereinafter referred to as "Substandard Roads;" and

WHEREAS, there exist within the County a limited number of communities or neighborhoods (hereinafter "Communities") consisting of eleven (11) or more residences, which are served by Substandard Roads; and

WHEREAS, the cost of bringing certain of these Substandard Roads up to primary County standards for acceptance into the County public road system would be prohibitive for the adjacent and/or affected homeowners.

NOW, THEREFORE, IT IS HEREBY ORDAINED by Oconee County Council in meeting duly assembled, that:

Section 1. There is hereby established a class of public roads to be known as "Rudimentary Roads."

Section 2. There is hereby established a Rudimentary Road Program (the "Program") by which the County may receive and accept a limited number of Substandard Roads into the County public road system for minimal upgrade and minimal maintenance as Rudimentary Roads.

¹ See O.C. Code § 26-2(c).

Section 3. Criteria for Substandard Roads to be accepted into the Program.

In order for a Substandard Road to be accepted into the Program it must meet the following criteria:

- A. The road must serve eleven (11) or more occupied residences.
- B. The road must be unpaved and in a state of severe disrepair, such that it may be impassable by emergency vehicles or otherwise dangerous.
- C. The County must be deeded a fifty (50) foot right-of-way easement, with language acceptable to the County, to carry out all tasks necessary herein for the length of the road to be accepted by the County. The road must be centered within the deeded right-of-way.
- D. The road must have a cul-de-sac at its termination point, if any.
- E. All property owners adjacent to, and served by, the road must agree to remove any structures, improvements, debris, etc. that exist within the right-of-way.
- F. All property owners adjacent to, and served by, the road must agree to accept the conditions and results of limited upgrade and maintenance, as well as resulting stormwater runoff.
- G. All property owners adjacent to, and served by, the road must agree that use of the road by the general public will be unrestricted.
- H. All property owners adjacent to, and served by, the road must agree to release, indemnify, and hold the County harmless from any claims or damages arising, or alleged to have arisen, from or in any way related to the Program established hereby.
- I. The road shall be subject to an emergency service access review.

Section 4. Petition for acceptance into the Program.

- A. The County's Roads and Bridges Department shall establish a petition containing the elements outlined in Section 3 above, to be completed and submitted by the Community requesting acceptance of a Substandard Road into the Program. The petitioning Community is solely responsible for all costs associated with compiling a complete petition, including but not limited to costs related to any necessary investigations, surveys, agreements, deeds and/or rights-of-way.
- B. The County Engineer shall review the petition and provide a "Staff Report" determining whether the petition is complete.
- C. Complete petitions, along with the Staff Report, shall be submitted to the Transportation Committee of the Oconee County Council, which in turn will provide the Staff Report to the Oconee County Council, making a recommendation as to whether the petition for acceptance into the Program should be accepted or not. Included with the recommendation will be any public comments received. The County Council shall then, in public meeting, make a determination as to whether the petition for acceptance into the Program should be approved by the County or not. If the County Council approves the petition, it shall signify so by resolution.

Section 5. Minimal Upgrading and Maintenance Standards Established for Rudimentary Roads.

Once accepted into the Program, the subject road will be minimally upgraded and maintained as follows:

- A. The road shall be upgraded to a width of twenty (20) feet and be centered in the fifty (50) foot right-of-way.
- B. The road's center line's vertical and horizontal alignment shall remain in roughly the same orientation as its pre-existing condition.
- C. The road surface shall be upgraded to a minimum thickness of six (6) inch compacted stone. It shall not be paved.
- D. The shoulders of the road shall extend four (4) feet from the road surface.
- E. From the edge of the shoulders there shall exist, or be constructed, eighteen (18) inch deep ditches, with a minimum 2:1 slope.
- F. There shall exist or be constructed tail ditches at frequent intervals (e.g., every four hundred (400) feet).
- G. Any existing drainage pipes shall be extended to accommodate the new road width.
- H. If the road terminates, as opposed to intersects with another public road, a cul-de-sac with an eighty (80) foot diameter shall be constructed. In this case, a deeded right-of-way of one hundred (100) feet shall also be required for the subject area.
- J. No maintenance of storm drains, pipes, ditches, culverts, catch basins, etc. will be performed by the County.
- K. Maintenance (limited to blading and stone replacement) shall be on an as needed basis but not to exceed one (1) time per calendar year, barring the need for emergency-related work as determined by the Roads and Bridges Department.
- L. Any upgrades occurring after the initial minimal upgrades performed by the County must meet current County standards for Public Roads (thus removing the subject road from the Rudimentary Road class) be approved by the County in writing, and be paid for by the residents.

Section 6. Relation to other Ordinances, Resolutions or other Enactments.

- A. As the provisions of this Ordinance create a distinct program by which the County may receive and accept a limited number of Substandard Roads into the County public road system for minimal upgrade and minimal maintenance as Rudimentary Roads, this Ordinance does not operate to repeal or rescind any existing ordinances, resolutions, or other enactments of the County to the extent there exist any conflicts herewith. Nonetheless, any such conflicts do not operate to preclude the effect of the provisions contained herein.
- B. To the extent any ordinance, resolution, or other enactment of the County does not conflict with the provisions and intent of this Ordinance, such ordinance, resolution, or other enactment applies here with equal force.

Section 7. Miscellaneous.

- A. Rudimentary Roads shall not be eligible for improvements as contemplated by O.C. Code § 26-5.
- B. Subdivisions will not be permitted / allowed along Rudimentary Roads.
- C. Additional ingress / egress encroachments along Rudimentary Roads are prohibited.
- D. Rudimentary Roads are subject to such other limitations and restrictions as the County Administrator, in his or her sole discretion, shall deem necessary for carrying out the intent of this Ordinance while not otherwise impacting the integrity or purposes of the Oconee County public road system.
- E. Operation of the Program may be significantly limited or completely suspended based on existing budgetary constraints.

Section 8. Severability.

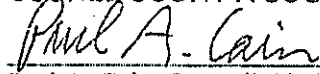
Should any part or portion of this Ordinance be deemed unconstitutional or otherwise unenforceable by any court of competent jurisdiction, such finding shall not affect the remainder hereof, all of which is hereby deemed separable.

Section 9. Effective Date.

This Ordinance shall take effect and be in force immediately upon enactment.


Passed and approved the 7th day of June, 2016.

OCONEE COUNTY, SOUTH CAROLINA



Paul A. Cain, Council Chairman
Oconee County, South Carolina

Attest:



Elizabeth G. Hulse
Clerk to Council

First Reading (Title Only): May 3, 2016
Second Reading: May 17, 2016
Public Hearing: June 7, 2016
Third & Final Reading: June 7, 2016

Oconee County
Administration

T. Scott Meulder
Administrator
Oconee County
Administration Offices
111 South Park Street
Waynesville, NC 27586

Phone: 800-638-4244
Fax: 866-638-4242

Email:
tmeulder@occonee.com

COMMISSIONERS

Eric Campbell
District I

Wayne Allen
District II
Chairman

Paul Carr
District III

Joe Thrift
District IV

Richard T. Bryan
District V

August 3, 2015

Mr. Tim Hydrick & Mr. Lee Walden
Real Estate Development, Inc.
10700 Clemson Blvd.
Seneca, SC 29678

Subject: Shadowwood Residential Community

Dear Mr. Hydrick and Mr. Walden:

Please find this letter as a follow up to our discussions on April 15, 2015. As was discussed, the Transportation Committee will need additional information prior to considering the roads further.

The minimum information needed is as follows:

1. Recording of Final Plat (Phase 1 of the lot abutting the constructed roads)
2. As-built or as-constructed road right-of-way plan and profiles
3. An Engineer's certification listing any items not meeting the current road construction requirements.

Additional information may include a master plan of the development that includes the road system with the roads that are desired for County maintenance.

Please note that we can only present the above information as a matter of consideration and that the Transportation Committee and ultimately County Council will make the final determination of acceptance of the roads into the County maintenance system. The Committee could require additional information to be submitted for consideration.

Sincerely, I am,



T. Scott Meulder

cc: Mr. Joe Thrift, Transportation Committee Chairman
Mr. Mack Kelly, County Engineer



JW White Consulting, LLC

P.O. Box 806, Anderson, SC 29622
(864) 634-4399

Real Estate Development Inc.
Attn: Tim Hydrick
10700 Clemson Blvd
Seneca, SC 29678

October 10, 2016

Re: Shadowood Subdivision Road Certification
Project #13025

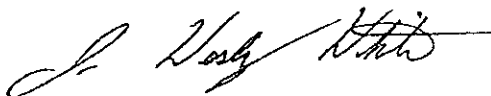
Dear Mr. Hydrick:

An as-built survey was performed for the existing roads in Shadowood Subdivision. Our firm has reviewed the as-built road conditions and prepared a plan showing several representative cross sections of the existing roads along with profile and centerline approximations based on the survey data. Utilizing Division 1. Unified Road Standards for the Unincorporated Areas of Oconee County, the following items were found to vary from the standards noted above in the subdivision:

- 1) Terrace View Way appears to intersect Shadowood Court at a curved portion of the roadway. Roads should intersect as close to 90° as possible but not less than 75°. This is noted for information purposes.
- 2) The shoulder width appears to be less than 4' along the south side of Cold Stream Court between station 0+25 and 4+00 and along the east side of Shadowood Court between station 12+00 and 17+20.
- 3) There are two areas where the spacing between horizontal curves is less than 150'. One on Shadowood Court between station 12+96 and 13+39 and the other on Cold Stream Court between station 1+53 and 2+50.
- 4) At the intersection of Terrace View Drive with Knoll View Drive there is less than 100' between the horizontal curve and the intersection from station 0+68 to 0+11.
- 5) At Cold Stream Courts intersection with Knoll View Drive the grade is greater than 5% (6.42%) for the first 30'.

We have not taken or reviewed any core samples to evaluate asphalt and subgrade thickness and conditions but it is our understanding that the proper inspections were performed at the time of construction. If you have any questions, please feel free to contact me via email at jwwhiteconsulting@gmail.com or via phone at 864-634-4399. Thank you again for the opportunity to assist you with this project.

Sincerely,



J. Wesley White, P.E.
JW White Consulting, LLC