

Transportation Committee Meeting

July 12, 2016

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Agenda

- Rudimentary Road Program/Minimum Maintenance Road Program
- Update Vickery Road
- Update Honey Road
- Staff Activity Report / Update

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Rudimentary Road Program/Minimum Maintenance Road Program

Draft Documents

- Petition
- Application
- Right-of-way Agreement
- Citizen Guide

Funding

3

Update on Vickery Road

- Planning Department Staff have met with the Developers of Timber Bay Subdivision.
- The current preliminary plan submitted accesses the subdivision from Crooked Creek Rd rather than Vickery Rd.

4

Update on Honey Rd

- Sheriff Department has performed extra patrols in the area.
 - * Two deputies did extra patrols during the day.
 - * Two deputies did extra patrols during the night.
- No deputy observed a vehicle using Honey Rd.
- The Sheriff Department has not had any complaints regarding speed along Honey Rd in the last 30 days.
- Deputies monitored the river traffic during the July 4th weekend and no vehicles were observed on Honey Rd.

6

Staff Activity Report / Update

6

Preventative Maintenance Crack Fill & Seal



South Cove Water Feature



Mauldin Mill Bridge Project



Whetstone Fire Substation



Brown Farm Road



11

Brown Farm Road

— Before Video

— After Video

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End

Citizen Guide to Rudimentary Road Program Process

The following information is provided to assist applicants in understanding the process required when submitting an application for acceptance of a road into the Oconee County Rudimentary Road Program.

1. Meet with the Oconee County Roads and Bridges Department (“Roads and Bridges”) to:
 - a. obtain Application Checklist and Petition.
 - b. obtain list of property owners along the road.
 - c. obtain Emergency Services contact number.
 - d. discuss how costs are to be paid by petitioners.
 - e. discuss the potential need for a surveyor and/or attorney.
2. Return completed application to Roads and Bridges.
3. The Roads and Bridges staff will review the information, develop a staff report, and once all application materials are complete and in order, staff will submit the application package and staff report to the Oconee County Transportation Committee for review during a public meeting.
4. The Transportation Committee will then take action. If the Transportation Committee accepts the application, applicant will provide additional documents required by the Transportation Committee - for example, right-of-way deeds and a plat.
5. Applicant will submit the information required by Transportation Committee to Roads and Bridges for review.
6. Roads and Bridges will check the documents, and if all are complete and in order, staff will request that the Applicant be placed on the Oconee County Council agenda for action.
7. County Council considers road to be accepted into the Rudimentary Road Program.
8. Roads and Bridges perform action as directed by County Council.

Roads and Bridges				
Date	Job Description	Number of Staff	Staff Hours	Equipment Hours
3/1/16-4/28/16	Inspecting Mauldin Mill Bridge Replacement	2	193	48
3/8/16-4/29/16	Upcoming paving contract-pipe change replacement & patching	6	940	564
3/7/16-3/30/16	Crack Seal Contract - Inspecting	2	126	96
3/1/16-6/30/16	Brown Farm Rd-constructing & paving	15	4648	2294
Total			5907	3002

PRT				
Date	Job Description	Number of Staff	Staff Hours	Equipment Hours
3/9/2016	High Falls-tree work	5	40	24
5/2-5/3/2016	South Cove - Removed Trees for Maintenance Shed	7	100	49
5/4/2016	High Falls-hauling sand from Greenville	6	30	30
5/5/2016	High Falls-spreading sand	1	6	6
6/23/2016	Boater safety and Ordinance signs	3	55	5
Total			231	114

Emergency Services				
Date	Job Description	Number of Staff	Staff Hours	Equipment Hours
3/1/16-3/14/16	Mtn Rest Sub-Station - Rough grading	5	240	144
Total			240	144

Solid Waste				
Date	Job Description	Number of Staff	Staff Hours	Equipment Hours
5/4/2016	Landfill - road maintenance	1	3	3
6/28/2016	Solid Waste - trenching waterline	1	13	13
Total			16	16

Administration				
Date	Job Description	Number of Staff	Staff Hours	Equipment Hours
3/8/2016	Clemson University-haul equipment	1	4	6
3/11/2016	CU - haul equipment back	2	6	6
Total			10	12

Libraries				
Date	Job Description	Number of Staff	Staff Hours	Equipment Hours
5/2/2016	Westminster-Installing & removing barricades	1	3	3
Total			3	3

Economic Development				
Date	Job Description	Number of Staff	Staff Hours	Equipment Hours
3/22/2016	Hydroseeding	4	40	20
5/13/16 & 5/17/2016	Removing Dam	3	45	30
Total			85	50

Airport

Date	Job Description	Number of Staff	Staff Hours	Equipment Hours
5/17/2016-5/18/16	Clearing lot on Nebo Church Rd	6	120	30
5/24/2016	Filling in well at lot on Nebo Church Rd	5	20	12
Total			140	42

Sheriff's Dept

Date	Job Description	Number of Staff	Staff Hours	Equipment Hours
6/14/2016	LEC-grading for building pad	2	4	4
Total			4	4

Communications

Date	Job Description	Number of Staff	Staff Hours	Equipment Hours
5/11/16-5/12/16	Tower Rd-scraping	1	7	7
5/19/2016	Tower Rd-scraping and gravel	2	9	9
Total			16	16

Coronor's Office

Date	Job Description	Number of Staff	Staff Hours	Equipment Hours
4/7/16 & 6/9/16	Hydroseeding and fixing landscaping	5	75	15
Total			75	15

Pending Special Projects

- Brown Farm Rd Construction (Complete)
- Chau Ram Frisbee Golf drive and parking and pave driveway
- South Cove Grading for Storage Building
- 2016/2017 Paving Contract
- Mauldin Mill Creek Crossing Replacement (Complete)
- Whetstone Fire Substation Grading, Drainage and Septic
- 2015/2016 Preventative Maintenance Contract (Complete)
- South Cove Campground Upgrades
- 9/11 Memorial Grading
- Stribling Shoals Hydraulic Study
- Engineering for Road Construction and Culverts

Total Staff Hours 6,727
Percent of Hours worked on Special Projects 37%

Brown Farm Road project proves 'troublesome'

Posted on June 24, 2016

By Steven Bradley

The Journal

WESTMINSTER — After a \$20,000 setback for paving on Brown Farm Road, Oconee County has switched geotechnical engineering firms in the hope of avoiding further humps in the road.



While the estimated cost for road construction on Brown Farm Road was \$450,000, by using in-house labor and equipment, Oconee County hopes to complete the project for approximately \$300,000 less than that. (Rex Brown | The Journal)

The road near Westminster will reopen Monday, according to county administrator Scott Moulder, though work is expected to continue for about two more weeks.

"The work being done is 'finish' work," Moulder told The Journal in an email. "This work will include installing guardrails, stabilizing shoulders and side slopes and hydroseeding disturbed areas."

Moulder said the county would continue maintaining sediment and erosion control devices until final site stabilization is achieved, which is typically about three months.

County council and its transportation committee selected Brown Farm Road as an in-house paving project last year. While no homes are located on the section being improved, county

officials say the project should shorten travel times in the area and provide better emergency response time.

The estimated cost for the project was set at \$475,000, but by using in-house labor and equipment, Moulder said the projected final cost was \$175,000 prior to recent setbacks. The funding is budgeted by council under capital road paving projects.

Moulder said the project has faced “several significant challenges,” beginning with what he called “dealing with more than anticipated unsuitable material,” and in an effort to alleviate those issues, the county retained a geotechnical engineering firm as a consultant.

“One section was particularly troublesome,” Moulder said. “The section of Brown Farm Road from the bridge to Armstrong Road failed. As we analyzed the failure, it was determined that some of the subgrade was unsuitable, the crusher-run stone base did not meet specification, and the pavement failed.”

After the pavement was tested, officials determined the asphalt mix design was at specification, but “minimum thickness was not obtained in some sections” and proper compaction of the asphalt was not achieved as specified.

Due to the pavement failure, Moulder said a new geotechnical engineering firm was retained to inspect and test materials, while the prior geotechnical firm’s contract was not renewed.

Moulder said the failed asphalt was removed and will be reused as millings on other county projects. While the cost to fix the failed asphalt was \$20,000, a 10-percent contingency on projects of such a scale is not uncommon, he said.

“So \$20,000 is a lot of money to pay for failed asphalt, but it is not uncommon and should not be unexpected when performing in-house work,” Moulder said. “The additional cost was well within the assigned contingency.”

sbradley@upstatetoday.com

Willie, Why is the county road department paving Brown Farm Road?

Posted on June 23, 2016

Willie,

Could you find out why the county road department is paving Brown Farm Road?



There is not a house on this road. I seen them pave the Armstrong Road side, and in less than a month they dug up the new pavement and hauled it off.

I followed the dump truck to Five Forks, where they dumped it out then had a man on a tractor bury it.

Why, Willie, is the county engineer and administrator hiding this from the public? Who is going to be paying for the pavement they dug up and now for that to be replaced?

They want to raise our taxes, but yet throw all this new pavement away that could have fixed a lot of roads. Could you find out if Hubbard Paving will be paying for it?

I think council members should step up and investigate the road department themselves to see what is going on. Something's just not right. Oh, and keep up the good work, Willie. God bless.

Willie says:

Whoa, that's a lot of questions there. Sounds like you've got some investigative skills yourself if you're tailing dump trucks around the county.

In all seriousness, projects of this scale don't happen without county council's approval, so I'm guessing they already know what's going on, at least the ones involved with the transportation committee. But since you asked nicely, I took your questions to the folks in The Journal newsroom to see if they could find some answers.

I'm told there will be an article on the topic in the A section of today's edition.



SOLID WASTE INVESTIGATION NOTICE

EFIS or Incident No. 201603390

Date Complaint Received: 6/30/16 Date Investigated: 6/30/16 Time Investigated: 9:45am

Location of alleged unpermitted disposal activity (street, city, zip code, etc.): Camp Rd. (next to Oconee Co. Emergency Services building) County: Oconee
Walhalla, SC
29691

Responsible Party: Oconee County Solid Waste Department Bus. Ph.: (864) 866-1640
Position/Title: N/A Cell Ph.: N/A
Mailing Address: 15024 Wells Hwy, Corolla, SC Home Ph.: ↓
Fax No.: ↓

On-Site Contact: Swain Still Property Owner: Oconee County Bus. Ph.: N/A
Position/Title: Solid Waste Director Position/Title: N/A Cell Ph.: ↓
Bus. Ph.: Same as above Mailing Address: N/A Home Ph.: ↓
Cell Ph.: N/A Fax No.: ↓
Fax No.: ↓

Solid Waste(s) Disposed of (check all that apply):
 Construction Debris Household Garbage Brown Goods
 Demolition Debris Waste Oil Industrial Waste
 Land Clearing Debris Lead Acid Batteries Other
 Waste Tires White Goods * Asphalt waste

Give detailed description of the site (dimensions, no. of piles, etc.): ~ 30 loads of 40% soil Photos Taken? Yes No

Wastes must be disposed of in an appropriately permitted facility, or otherwise managed as directed by SCDHEC, no later than N/A calendar days from the date of this civil investigation. Unpermitted disposal or management of solid waste is a violation of the SC Solid Waste Policy and Management Act of 1991 (Act), Sections 44-96-100, and 44-96-440. Violation of this Act may lead to civil enforcement action and the assessment of penalties of up to \$10,000 for each day of violation as provided by Section 44-96-450, of the Act. Continued knowing and willful violations may be considered criminal and may result in criminal penalties as provided by law.

OTHER INSTRUCTIONS: MRF Registration 2012 for Oconee Co.
No further action needed by the Department. No deficiencies noted.

I certify that the inspector has supplied me with a copy of this NOTICE, and has explained the consequences of not complying with the Act and the instructions and requirements in this NOTICE.
Print Name: Adele Martin Signature: [Signature] Date: 6/30/16

Inspector - Print Name: Swain Still Signature: [Signature] Date: 6/30/16

Beth Hulse

From: Scott Moulder
Sent: Tuesday, July 12, 2016 6:39 PM
To: Beth Hulse
Subject: FW: Question

T. Scott Moulder
County Administrator
Oconee County
415 S. Pine Street
Walhalla, SC 29691
(864) 638-4245

From: Scott Moulder
Sent: Thursday, June 23, 2016 12:48 PM
To: Steven Bradley
Subject: Re: Question

And the \$20,000 is included in the \$195,000.

Sent from my iPhone

On Jun 23, 2016, at 8:36 AM, Steven Bradley <sbradley@upstatetoday.com> wrote:

Just to follow up on this topic, do you have any idea when it is expected to be completed? Also, does the \$20K to fix the failed asphalt take the total cost to \$195,000?

Thanks in advance,

Steven Bradley
News Editor
The (Seneca, S.C.) Journal
O: (864) 882-2375

On Wed, Jun 22, 2016 at 1:28 PM, Scott Moulder <smoulder@oconeesc.com> wrote:

Brown Farm Rd was selected by the Transportation Committee and County Council to be completed as an in-house road paving project. The section of Brown Farm Road being improved does not contain any homes; however, improvements to the road can shorten the travel time for road users in the area and provides a much quicker emergency response time. The Engineer estimated the cost to construct the road to be \$475,000. The projected final cost of the project being performed with in-house labor and equipment is \$175,000. By performing the work in-house, the County saved \$300,000. Funding for the project is budgeted by Council under capital road paving projects.

During the construction process, the County faced several significant challenges. The first primary challenge was dealing with more than anticipated unsuitable material. The County retained a geotechnical engineering firm as a consultant to deal with the suitable material.

One section was particularly troublesome. The section of Brown Farm Road from the bridge to Armstrong Road failed. As we analyzed the failure, it was determined that some of the subgrade was unsuitable, the crusher run stone base did not meet specification, and the pavement failed. The pavement was tested and it was determined the asphalt mix design was at specification; however, minimum thickness was not obtained in some sections and proper compaction of the asphalt was not achieved as specified. Due to the pavement failure, a new geotechnical engineering firm was retained to inspect and test materials. The prior geotechnical firm's contract has not been renewed. The failed asphalt was removed and will be reused as millings on other County projects. The cost to fix the failed asphalt was \$20,000. On projects of this large of scale, a 10% contingency is not uncommon (10% of \$475,000 is \$47,500). So \$20,000 is a lot of money to pay for failed asphalt, but it is not uncommon and should not be unexpected when performing in-house work. The additional cost was well within the assigned contingency.

T. Scott Moulder

County Administrator

Oconee County

415 S. Pine Street

Walhalla, SC 29691

(864) 638-4245

From: Steven Bradley [mailto:sbradley@upstatetoday.com]

Sent: Wednesday, June 22, 2016 10:12 AM

To: Scott Moulder

Subject: Question

We received this submission to Tell Willie (see below). It's not very well written, but the three main questions seem to be: Why is the county paving Brown Farm Road to begin with? Was there some kind of cover-up for a shoddy job on the original paving? How much is this all costing and where is the money coming from?

I'm sure there's a good explanation for it, so I wanted to see if you could shed some light. I rode out there myself, but it just looks like business as usual. This one has made its way onto Jerry's

radar, so I'm hopeful of dousing the fire before I end up doing a 2,000-word article on the topic.

willie, could you find out why the county road dept is paving brown farm rd there is not a house on this rd. i seen them pave the armstrong rd side and in less than a month they dug up the new pavement and hauled it off i followed the dump truck to five forks where they dumped it out then had a man on a tractor bury it why willie is mack kelley and the adminastrater hiding this from the public who is going to be paying for the pavement they dug up and now for that to be replaced they want to raise our taxes but yet throw all this new pavement away that could have fixed alot of roads could you find out if hubbard paving will be paying for it i think council members should step up and investagate the road dept them self to see what is going on something just not right oh and keep up the good work willie and happy fathers day god bless

Thanks in advance,

Steven Bradley

News Editor

The (Seneca, S.C.) Journal

O: (864) 882-2375