

MEETING MINUTES - DIG Greenville
DIG Greenville Community Meeting
January 18, 2018

A community outreach meeting was held on January 18, 2018 at 6:00 p.m. at United Community Bank, 306 E North St, Greenville, SC 29601. The purpose of the meeting was to update the community on the project status and to allow community members to meet the contractor and ask questions.

Meeting notes recorded by: Rebecca A. Steifle, Executive Administrative Assistant to Graham W. Rich, Chief Executive Officer of Renewable Water Resources.

Present

Black & Veatch

Jeff Wells, Project Manager
Stephen O'Connell, Construction Manager
David Hart, Engineering Manager
Horry Parker, Inspector
Jason Schwartz

ReWa

Danny Holliday, Commissioner (Chairman of the Board)
Graham W. Rich, CEO
Mary Beth Lampe, Chief Administrative Officer
Joel Jones, Chief Technical Officer
Ashley Rhinehart, Public Relations Coordinator
Rebecca A. Steifle, Executive Administrative Assistant

Greenville Zoo

Jeff Bullock, Zoo Administrator

Visitors

Eric Amstutz
Ben Winter
Mike Hall
Mark Hetu
Eric and Jaime Cruz
Pam Perraut
Others from the community (not signed in)

Mr. Wells opened the meeting at 6:00 pm with introductions of Black & Veatch, ReWa staff and other notable attendees.

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The purpose of the meeting was to meet the primary contractor of Super Excavators/CMCRA, to update the community on the DIG Greenville project status and anticipated schedule, to present the Community Resource Document (draft), and to review our "Name the Drill" contest finalists.

Mr. Wells introduced Joe Mulville, P.E., project manager with Super Excavators. Mr. Mulville provided a background on his company (in business 70 years) as well as CMC - a multinational, publically traded company in Italy which will serve in a joint venture capacity with Super Excavators on this project. Mr. Mogul stated Super Excavators is based out of Menomonee Falls, WI and has been tunneling for utilities since the 1980s, primarily in the US and Canada on projects of similar size to DIG Greenville. He also stated Super Excavators has worked with Black & Veatch in the past.

Mr. O'Connell provided the following updates using a PowerPoint presentation which has been made a part of these minutes:

- **Schedule:**
 - Milestones:
 - Notice to proceed as of 3/5/2018
 - The "zoo milestone" (being out of the park before the summer) should be reached by 4/2/2020
 - Final completion date of the project is scheduled for 6/25/2020
 - Shifts will be Monday – Friday from 7:00 am to 5:00 pm (regular day); if additional time is needed, shifts will be extended from 7:00 am to 7:00 pm
 - There are currently no plans for night work
 - An application for a noise variance was submitted in advance for flexibility during the process. It was approved by the City.
 - Blasting will take place from 10:00 am to 3:00 pm, one time per day
 - Maintenance work is scheduled for Saturdays from 8:00 am to 5:00 pm. This will provide time for machine maintenance, for example. There is no productivity scheduled on Saturdays.
- **Surveys:**
 - Letters sent to community regarding pending surveys
 - Permission letters for internal photographic surveys forthcoming
 - Information to be shared with resident and kept confidential with ReWa's attorney

- **Community Resource Information**
 - The project will utilize Facebook and Twitter to provide information and updates. Progress will be posted, to include photos. Input from the community is welcomed.
 - Quarterly community meetings will be planned.
 - “Sipping with Steve” meetings will be planned once a month to provide an opportunity to meet with Steve McConnell of Black & Veatch to discuss the project, ask questions, voice concerns.

- **Name the Drill Contest**
 - Mr. O’Connell called the community’s attention to a slide representing the “Name the Drill” contest finalists (5) and stated one would be selected and presented at the ground breaking ceremony. The “drill drawing” and “name” will be included on the TBM (tunnel boring machine)

- **Inspector**
 - Mr. O’Connell introduced Horry Parker with Black & Veatch in Charleston, SC. Horry will be moving to Greenville, SC to serve as the primary, on-site inspector for the project. Horry has a PhD in Geology from UGA and has worked on similar projects.

Questions/Answers

- Is the construction contract executed?
 - Yes.
- Is this a joint venture?
 - Yes, with CMC.
- Is CMC liable or only Super Excavators (SE)?
 - Still determining. Will follow-up.
- Does the agreement address the responsibilities of both parties (SE and CMC)?
 - Yes. **ACTION ITEM: Provide copy.**
- Are the companies bonded and insured?
 - Yes, in the name of the joint venture.
- Will post construction documents be posted to the website?
 - Yes. **ACTION ITEM: Post documents.**
- How much is the insurance?
 - For the amount of the project.

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- A citizen felt this was inadequate. Per Mr. O'Connell, the bond amount was based on similar projects and Black & Veatch felt it was adequate.
- Will a sound wall be built?
 - No, as there is no night work in the contract.
- Can a revised noise map be posted on the website showing noise levels without the wall?
 - Per Mr. O'Connell, the original map showed the noise level without the wall, but this will be provided again. **ACTION ITEM: Repost map.**
 - Citizen statement: Very concerned about noise level and how it differs from code. **ACTION ITEM: Furnish code.**
- If there is to be night work, will the project stop for a wall to be built?
 - Though night work is not anticipated, yes, the project would stop for the wall to be built; however, details are not available about timing, etc. as there is no night work scheduled nor was it included in the contract.
- If a wall has to be built, how long will it take?
 - This information has not been requested as it was not part of the bid process.
- Will there be a hotline phone number?
 - Yes, this will be posted on the website and via e-blast. Per Mr. O'Connell, there is an ongoing search for a company that can appropriately provide this service. **ACTION ITEM: Post hotline number when available.**
- Who is responsible for testing inspecting?
 - Black & Veatch.
- How often will noise be monitored?
 - Unknown at this time.
- Will the community have access to information related to testing, noise, Silica?
 - Yes. Methods to be determined.
 - Will this be worked out prior to the beginning of task?
 - Yes. **ACTION ITEM: Provide community access to information related to testing, noise, Silica, etc.**
- Will the community know when the blasting is going to take place between 10:00 am and 3:00 pm (one day a week)?

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- Yes, the community will be given 48 hours' notice. The method(s) to accomplish this are still be reviewed. **ACTION ITEM: Determine method and communicate.**
- When will the blasting begin?
 - Information not readily available. **ACTION ITEM: Provide schedule.**
- Is there noise and Silica exposure?
 - Primary noise will occur when the shaft is put in. Otherwise, everything should be contained to the inside the tunnel.
- Do the contractors "fracture" or "grind" the rock?
 - The boring machine "shifts and breaks" the rock at the base into 2 to 3 inch pieces. This is not a process anyone will hear and it is unlikely anyone will feel any vibration due to depth.
- Is a casing put in behind where rock has been bored?
 - Rock bolts, with mesh, will be put in for support if needed. This is not likely as the ground is very good.
- Where will community meetings beheld in the future?
 - Likely United Community Bank.
 - The community members agreed this was a convenient location.

With no further business, the meeting adjourned at 7:00 pm.