

GREENVILLE COUNTY COUNCIL MINUTES

COMMITTEE OF THE WHOLE

AUGUST 15, 2017 4:39 p.m.

COUNTY SQUARE - CONFERENCE ROOM D

COUNCIL MEMBERS

MR. BUTCH KIRVEN, CHAIRMAN
MR. WILLIS MEADOWS, VICE CHAIRMAN
MRS. XANTHENE NORRIS, CHAIRMAN PRO TEM
MR. JOE DILL
MR. MIKE BARNES
MR. SID CATES
MR. RICK ROBERTS
MR. BOB TAYLOR
MRS. LIZ SEMAN

Mr. Ennis Fant, Sr. Mr. Lynn Ballard

MR. FRED PAYNE LEFT THE MEETING @ 5:30 P.M.

Pursuant to the Freedom of Information Act, notice of the meeting date, time, place and agenda was posted on the bulletin board at the County Square and made available to the newspapers, radio stations, television stations and concerned Citizens.

STAFF PRESENT

Joe Kernell, County Administrator
Mark Tollison, County Attorney
Kimberly Wunder, Assistant County Attorney
John Hansley, Deputy County Administrator
Theresa Kizer, Clerk to Council
Regina McCaskill, Deputy Clerk to Council
Paula Gucker, Assistant County Administrator, Public Works
Shannon Herman, Assistant to the County Administrator
Bob Mihalic, Governmental Relations Officer

OTHERS PRESENT

Beverly James, Executive Director, Greenville County Library System Sheriff Will Lewis, Sheriff's Office Captain Damon Hubber, Emergency Preparedness Director

CALL TO ORDER Chairman Butch Kirven

<u>INVOCATION</u> Councilor Lynn Ballard

Item (3) APPROVAL OF MINUTES

ACTION: Councilor Norris moved to approve the minutes of the July 18, 2017, Regular Committee of

the Whole meeting.

Motion carried unanimously.

Item (4) <u>ECLIPSE EMERGENCY MANAGEMENT UPDATE</u>

Presented by: Captain Damon Hubber, Director

Emergency Operations

- Total eclipse August 21, 2017
- Starts around 1:09 p.m., totality at 2:38 p.m. and out of Greenville County by 4:00 p.m.
- Expected to last about 2 minutes and 10 seconds
- Last total eclipse was 99 years ago
- Plans have been underway for quite some time to deal with traffic, crowds, etc.
- Hotels have reported full capacity
- Expecting 500,000 to 2 million visitors
- Solar glasses to employees, law enforcement and fire departments
- County sectioned in 3 regions with an Incident Command Centers in each
- The Incident Command Centers will collect information and relay to appropriate areas and groups
- 300 16,000 people are expected at various events
- Resources are ready and County is prepared
- Heavy traffic expected, perhaps through Wednesday
- Concerned about people stopping on the road to view the eclipse
- Monitoring the weather conditions
- If cloudy, could be best for the County in terms of safety, traffic, etc.
- Out-of-country visitors
- May have to deal with language barriers with international visitors
- DOT will not allow lane closures 8/16 8/22; no road construction during eclipse
- Red Cross on stand-by and 2 shelters will open, if needed
- Highway Patrol moving all resources to areas that will experience totality
- Every municipality in the County will also have additional manpower

Councilor Roberts stated he was concerned about people viewing the eclipse from rooftops. He inquired if there was a concern about rooftop parties. Councilor Roberts stated he heard there would be numerous "Mardi Gras" type parties with drinking and driving.

Captain Hubber stated rooftop and parking deck parties were expected, especially in the city limits of Greenville. He stated there were only two parties of this type planned in the City of Greenville, per Mayor White.

Sheriff Lewis stated the goal was to preserve social order.

Councilor Ballard asked if the 350 deputies employed by Greenville County would be spread throughout the County.

Sheriff Lewis stated the deputies would be spread throughout the County in order to deter problems rather than respond to problems.

Councilor Ballard asked if the area hospitals were on stand-by for emergencies.

Sheriff Lewis stated the hospitals were ready.

Councilor Payne asked if capacity limits had been set for the scheduled events.

Sheriff Lewis stated 95% of the venues were not charging fees for admission and there was no way to limit the number of people at the events.

Chairman Kirven asked about the extended weather forecast for Monday.

Captain Hubber stated Emergency Operations had a meteorologist on staff and added the forecast for Monday was for sunny skies.

Councilor Roberts asked if solar glasses were available.

Captain Hubber stated the public planned events would have solar glasses available.

Item (5) MEMORANDUM OF UNDERSTANDING / CA4I

CA4I made a PowerPoint Presentation

Greenville County Council Committee of the Whole

AGENDA

- · Carolinas Alliance 4 Innovation:
 - What, Who (PPP), Why
- CA4I's First Innovative Transport Project
 - ACES Mobility and Greenville A-Taxi Shuttles
- Request for County Approval of MOU with CA4I

Who are CA4I Team Leaders?

- Executive Director, CU-ICAR (Ex-Officio)
 - Fred Cartwright
- City Council Member (approved by Mayor)
 - George Fletcher
- County Council Member (approved by GCC Chair)
 - Fred Payne
- IEEE Board/Smart City Initiative(approved by GCC Chair)
 - Lee Stogner
- GRAC Past Chair/CBRE Partner (approved by Mayor)
 - Doug Webster

What is CA41?

- A 501.c.6 corporation to promote innovation for economic development in Greenville County and across South Carolina
- · A non-profit, public benefit entity
 - Model was Upstate SC Alliance
- Building public private partnerships
 - Public entities provide right-of-way access, supportive ecosystem, & regulations
 - Private funding to design, build, finance, operate & maintain innovative projects
 - Involving transportation, infrastructure, engineering and educational solutions
- · A "consortium" of public and private partners
 - Voluntary, long-term, involved partners, engaged in planning and proactive project solutions
 - · Public: local, state, federal
 - · Private: corporate, foundation, non-profit

ACES Mobility and Greenville A-Taxis:

Deploying Proven Automated Electric Shuttles

- Robotic Research, LLC (RR) is our initial technology partner
 - RR's goal is to re-deploy proven military technology and show a successful business case in a Greenville commercial setting
 - Phase 0: Re-deploy in August 2017 autonomous electric Cushman 6 passenger vehicles from Fort Bragg, NC to Greenville
 - Greenville could become an R&D center and possibly an assembly location with Local Motors Olli





Two Major CA4I Private Partners

- Global Autonomous Vehicle Partnership (GAVP) challenged Greenville to raise an initial \$2M
- Goal: deploy autonomous vehicles on public streets in fall 2017 in automated mobility districts (AMD)
- GAVP chose Greenville over 3 major competitors
 - as the best mid-size Metro area to accelerate adoption of AV technology
 - to develop a "playbook" for AEV adoption around the world as soon as possible/ before 2040.

- Robotic Research (RR) is our first A-Taxi automation partner
- RR has committed vehicles, equipment and technology plus OpEx funding for 4-6 months: over \$1.5M in-kind & cash — Need for local cash funding
- RR supports staff for operations & engineering, automation of additional vehicles; as well as continuing technology operations and maintenance.
- They have chosen Greenville for their investment in 3 phases:
 - CU-ICAR District
 - Verdae District
 - Parker District

Deployment Phases and Districts





Why Greenville? Differentiating Factors for Innovation: A-Taxis and ACES Technologies

- <u>A Committed Community</u>: Greenville has become one of the most desired cities to live in in the U.S. Public private partnerships, like CA4I, indicates community's desire to maintain and enhance its "most livable" status.
- <u>A welcoming business environment</u>: Many people report that Greenville welcomes innovative companies to do business here, unlike other locations where government red-tape discourages
- <u>Partnerships</u>: Both the City and County of Greenville as well as numerous existing and potential corporate and non-profit entities are committed partners with CA4I and seek innovative smart mobility solutions.
- mobility solutions.

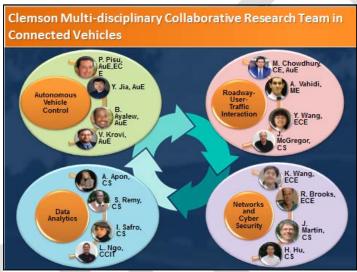
 <u>Critical Assets</u>: Greenville possesses a unique confluence of physical and intellectual assets, focused on mobility. From BMW, Michelin and the attendant supply chain, to clemson University, CU-ICAR, Greenville Tech, and an unparalleled K-12 STEM pedagogy, as well as real-life deployment sites at locations such as the International Transportation and Innovation Center (ITIC), the Greenville area is in a unique position to demonstrate breakthrough solutions.

 <u>Replicable, Scalable Solutions</u>: In a community like Greenville, solving real-world mobility problems like first/last mile connectivity to nearby daily activities and non-emergency medical transport calls to EMS, will have national impact.
- Technical Talent: Automotive engineering graduate students and faculty at CU-ICAR and CMI provide education, research, and development and are a pipeline of new talent for innovation. This includes an extensive array of research projects in ACES technologies at CU-ICAR also extends to the main campus of Clemson University. Private partners also provide automation and technology expertise, plus big data collection and analysis.
- Workforce Development: The key to economic, healthcare, and social development is workforce development that inspires and empowers people to get good-paying jobs. This A-Taxi and ACES mobility project models effective education and skill development.
- Focus: Innovation is the on-going focus of CA4I and sustainable mobility solutions are the initial focus.

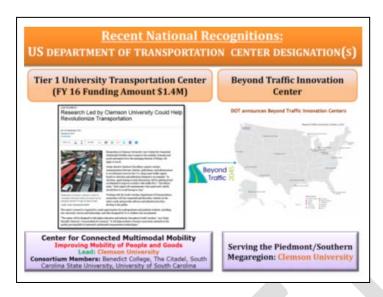
Why does Greenville need a CA4I to create Innovative Public Private Partnerships

- New Mindset Needed Weak Federal and State funding; Strong Counties and Cities have to provide leadership
- Greenville needs Innovative Public & Private Partnerships
 - 1. Public Infrastructure on ROW (roads, sewer, water, etc.)
 - 2. Public Planning regulations can support and accommodate
 - Increased Density awards for mixed income housing options
 - · Lower Parking requirements for non-auto transport options
 - 3. Private investments Design, Finance, Build, & Operate
 - Automated shuttles at CU-ICAR, Verdae, Parker, Downtown
 - 4. Funds for Capital and Operations & Maintenance
 - 1. Farebox: People pay for convenient, comfortable, cost-effective solutions
 - Sponsorships, Advertising
 - Data has value, and can be monetized











Councilor Payne recused himself from discussion and voting on the item due to a potential conflict of interest. (Councilor Payne left the meeting at 5:30 p.m.)

ACTION: Councilor Seman moved to approve the Memorandum of Understanding between

Greenville County and Carolinas Alliance 4 Innovation (CA4I).

ACTION: Councilor Taylor called the question. Without objection, the question was called.

Motion carried unanimously with one (Payne) written abstention.

Item (6) ADJOURNMENT

ACTION: Councilor Taylor moved to adjourn.

Motion carried unanimously and the meeting was adjourned at 5:34 p.m.

Respectfully submitted:

Theresa B. Kizer, Clerk to Council