

Innovative Transportation and Smart Technology Opportunities for Greenville and the Upstate

What is the One Thing to Focus On Moving Forward?

Encourage more meetings like this! The more communication on these topics, the more informed we will all be and the more likely something will be done.

Public/Private sources of \$\$\$\$\$\$

Let's get everything done on the Laurens Road corridor SRT and PRT!

Next Step: A defined business strategy plan with metrics in a "crawl-walk-run" phased approach with a sustainable business model.

Before considering a PRT, golf car, smart lighting, etc. need an entire strategy of a smarter city to consider all the elements of the infrastructure, planning considerations and staying "green" (with minimal impact to environment (i.e. Keep GSPs landscape)

Golf cart roadway/trail network! (It can be done NOW)

I will bring the worldwide resources of the IEEE to our discussion to provided ideas and an unbiased decision.

Concept Example: An Upstate theme that encompasses new innovative technologies within the community to drive economic development..."centered around the internet of things"

"1. Have Gary tell us what the current SC laws are on transportation. 2. What changes should we have in our laws?"

How can we best cut "head time" for public transportation from 1 hour to 30 minutes?

PRT from downtown to ICAR...smart street lights ASAP!

Next years TIGER grant show public/partnership transportation connectivity for Greenville/Greer/Airport/Spartanburg

Follow up with Chris McKissick on the GE intelligent street lights for bike/ped counts, traffic counts.

Build out the PRT System at GSP. Which will become a spring board for other projects

Choose 3 items to complete in 2016. Focus. Move forward with today. Prepare for future but execute on the 3 identified items

Create a single shared transportation vision that is achievable. Identify multiple funding sources to achieve this vision. Stick to the plan!

Focus on land use planning and corridor management/access management and re-evaluating Green link routes. Invest in existing infrastructure.

Focus: Implement Transportation Study Recommendations.

Currently people with low incomes/weal have some of the biggest mobility problems. While ideas for club cars, driverless vehicles are exciting and full of potential, I am doubtful that they will be able to tap into this. Even though a club car is cheaper than a car, it presumes the user lives in a neighborhood close to where he works, plays, etc.

How will this disruptive technology assist with the mobility issue of linking jobs and low income people working in low paying jobs?

Focus on a route for ATN/PRT-identify funding

Cyber security is important and needs to be included in early design

Focus on developing smart transportation enabling technology to put Greenville on the automotive R&D map.-wireless charging-omnidirectional low speed maneuverability.

Addition info/ PR needed to better publicize this initiative to the general public

Need more diverse group. 99% of the group was over 40 or 50. 100% upper income. 99% white. 0% AA

#1 focus is Green Villages is key. This is a culture shift. When people recognize the value of this life style
1.Villages will sell 2. People will demand services 3. Connectivity will get priority

Without timing traffic signals locally, no vehicle system will work. Timing signals will take a city, county and state cooperation that does not exist today. Smart signal can provide many benefits will cost far less than new roads.

Could the third lane of the road, like Wade Hampton, be converted to a LSEV/Bike/Pedestrian lane? This would allow connection of neighborhoods in a low speed network.

Focus on enhancing connectivity using existing technology. Move people and things smarter. Look at alternate ways to deliver goods and services.

Identify specific corridor to focus Tiger Grant application on (Ex. Laurens Road) ----need planning and designs, engineering assessment, etc.

Focus Statement: Need to focus on the integration of land uses and transit into infrastructure/planning/development

Efficient mass transportation such as Light Rail, is the key to maintaining the quality of life in the Upstate.

Start including golf cart parking downtown and CBD w/ power access to charge.

Get smart light with integral camera for downtown Greenville. Implement PRT at GSP in the near future. Verdae LSEV System for Green Villages

Long-term and short plan for ROW's

In less than one year open the Laurens Road Rail lane to LSEV's that pay a fee for access and get Embassy Suites to rent their golf carts with parking. Collect the fees to for the PRT system in 5 years.

IF Laurens Road corridor/rail is the targeted destination for some type of automated rail lane, are there any accommodations being made to embrace the surrounding to add any missing amenities that would create a true small community with all needed features within it. So you don't have to leave the immediate area.

Extend PRT from airport through existing rail corridors to enhance city county connectivity. GE light poles downtown.

One thing! Transportation-connect bedroom communities to Downtown and airport. Connect Airport to Pelham Road, Verdae, Downtown and mall

Connect Communities based on commuting patterns to and from work. Increase walkability and ride sharing opportunities.

Go with Pod Car ASAP on the Swamp Rabbit and Green Villages. Get a manufacturer of Pod cars to locate an R&D + manufacturing plant in the Greenville Area

Pave the rail corridor for golf cars. Encourage the use of golf cars in general in planning. (parking infrastructure.

Keep in contact with all people who attended this meeting. Keep us informed.

We need to focus on street connectivity and sidewalk infrastructure. Currently, our development (commercial and residential) is disconnected and lacks sidewalk infrastructure.

General Questions & Comments

What could \$239 million buy/do- other than build 1 intersection 85@385?

Understandably, parking is a revenue source BUT what about connection airport to communities in an affordable manner?

This idea of "pod cars" was something I read about in 5th grade. What has taken us so long to get to this point? What potential impact to private vehicle industry and ownership?

How will these new technologies safely integrate with existing private passenger and freight vehicles? What impact on crash statistics can be expected with "legacy" (low-tech) vehicles remaining on the road?

Can we produce enough electricity to change these new LSEVs? How?

Bus stops destroy traffic flow-hubs need to accommodate load/unload out of travel lanes. How do we do that?

Electronic storage capacity is very uncertain! Until technology solves this challenge how can we use LSEV's in mass?

LSEV Storage and service center for owner without space. Located in Green Villages.

How much IT research is being done in relation to driver and automated system interface? How great of a learning curve will there be for drivers?

Tech-with delays continue to evolve. The problem seems to be –what will the routes be, what will the planning with regards to ROW-reserving ahead of time pathways to both known and unknown destinations?

These are still essentially single occupancy vehicles. I don't see how the vehicle accomplishes something that good land use planning does not. No one is even emphasizing emissions.

For the Coalacha Valley, CA initiative how is \$100 Million being funded?

How do you plan to improve transportation for seniors? (Uber?)

LSEV's can only travel on roads with speed limits less than 35 mph. Would a study of connectivity using current low speed roads to key destinations be a worthwhile endeavor? It may reveal small gaps that need to be connected to improve ATN connectivity.

Containerized Housing, who is talking about it? Containerized Retail, who is talking about it?