

Considerations and Opportunities for Rural Communities

Marshville, NC

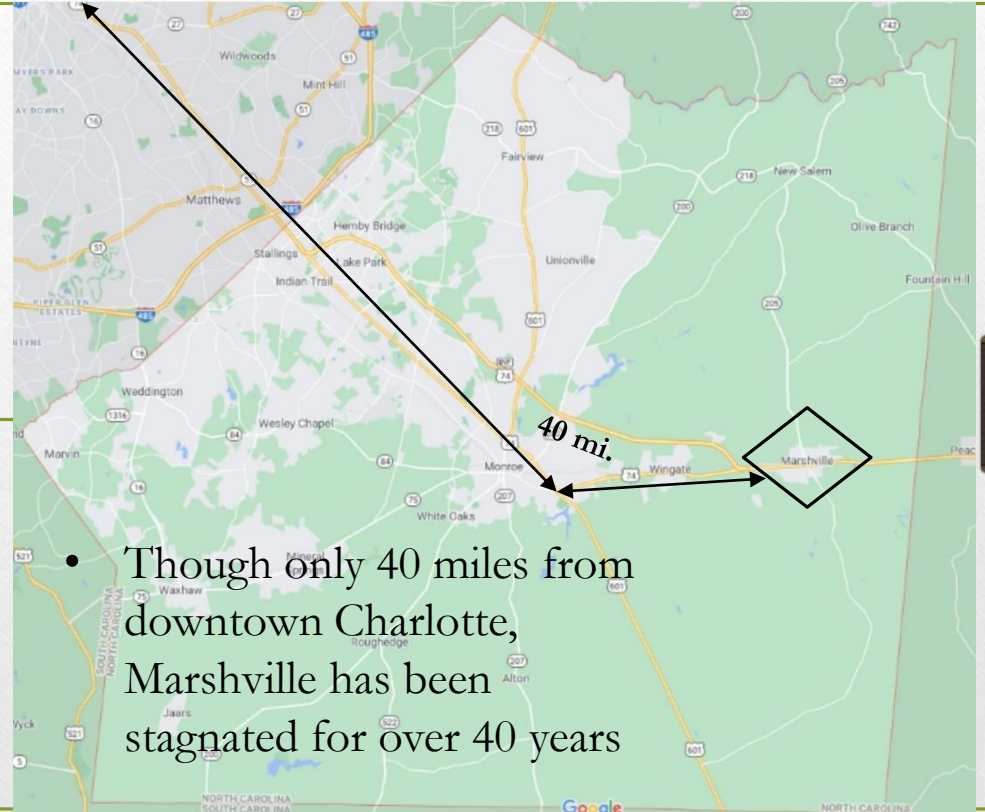


est. May 11, 1877

Considerations and Opportunities for Rural Communities

Marshville, NC

- Marshville is a small town located in Union County
- with a population of approx. 2,645, consisting of 889 households and 637 families
- It has a per capita income of \$24,197 compared to a per capita income of \$37,667 in Union County
- Marshville has a poverty level of 22.45%, 64.2% of the residents are in the low to moderate income bracket and it is the textbook example of a tier 1 town located in a tier 3 County

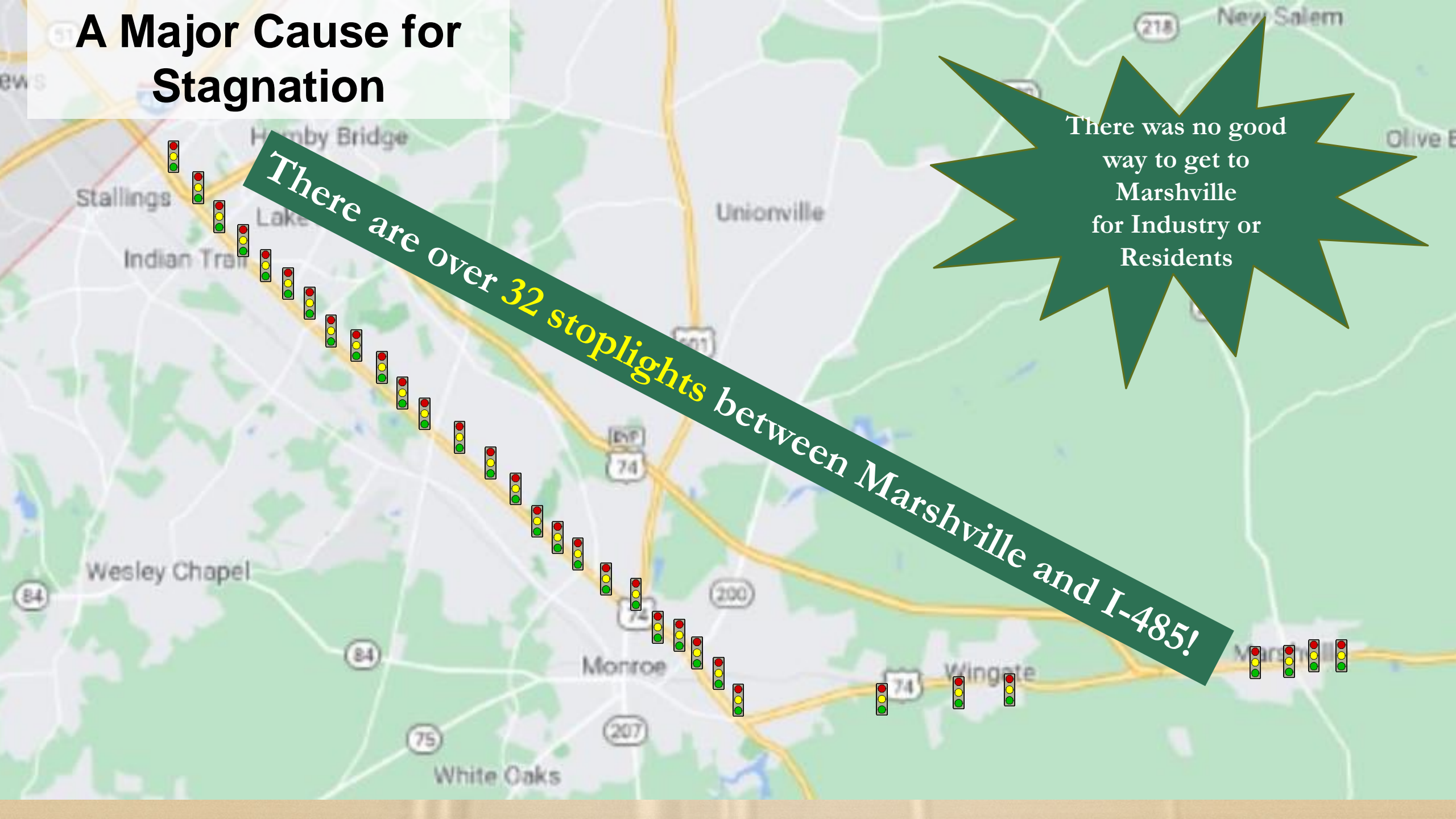


- Though only 40 miles from downtown Charlotte, Marshville has been stagnated for over 40 years

A Major Cause for Stagnation

There are over 32 stoplights between Marshville and I-485!

There was no good way to get to Marshville for Industry or Residents



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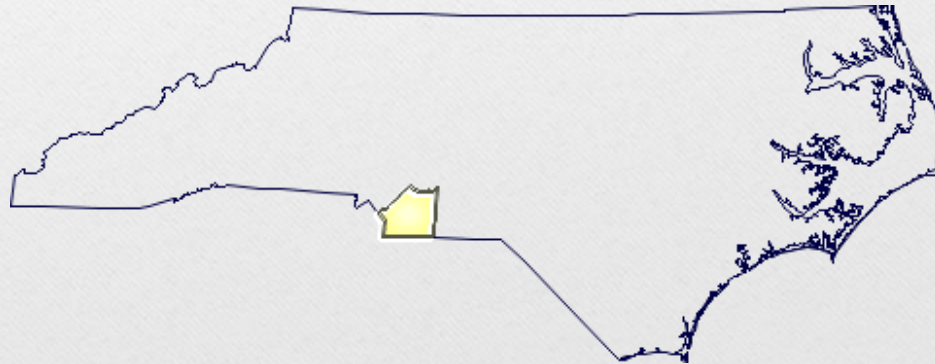
The Monroe Expressway was completed in late 2018, and this Interstate type highway addressed the 32 stoplight challenge. Commute time between Marshville and I-485 now is less than 20 minutes. Its completion allows Marshville to focus on one **particular positive**



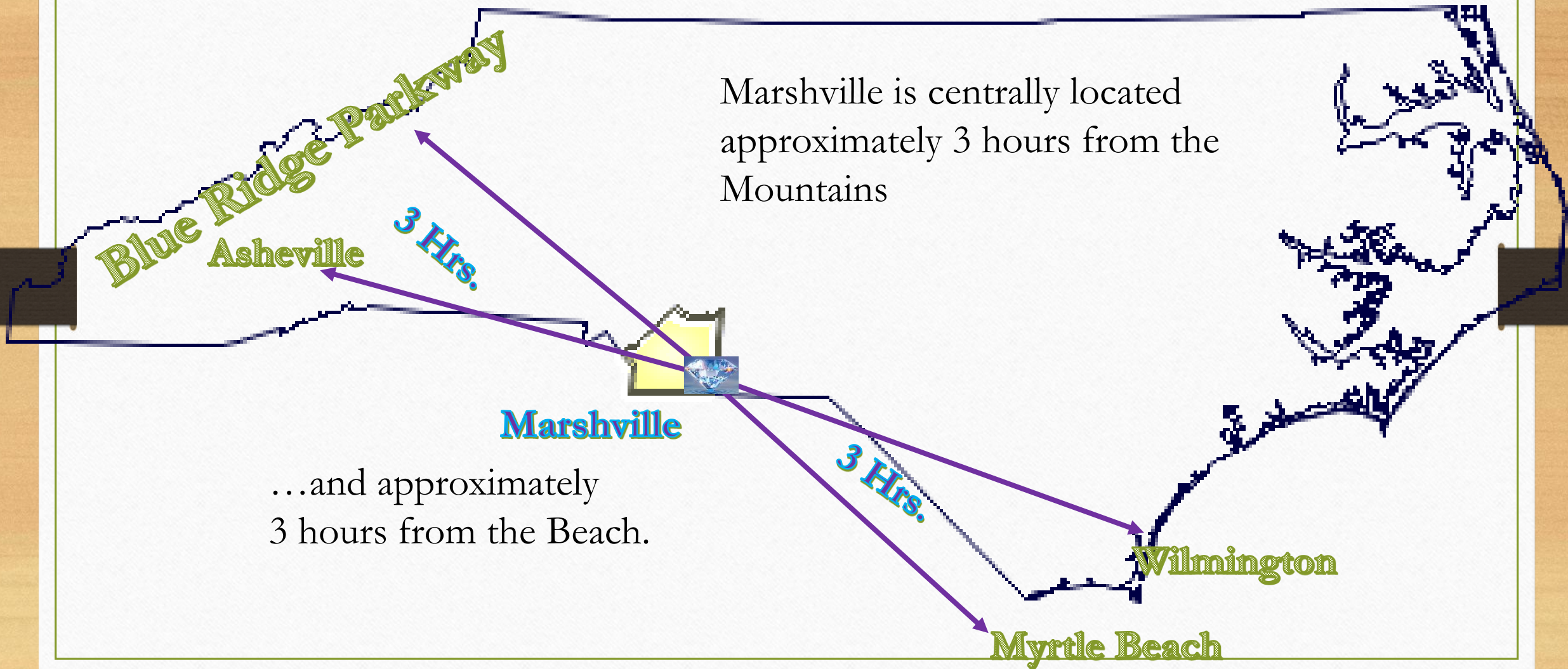
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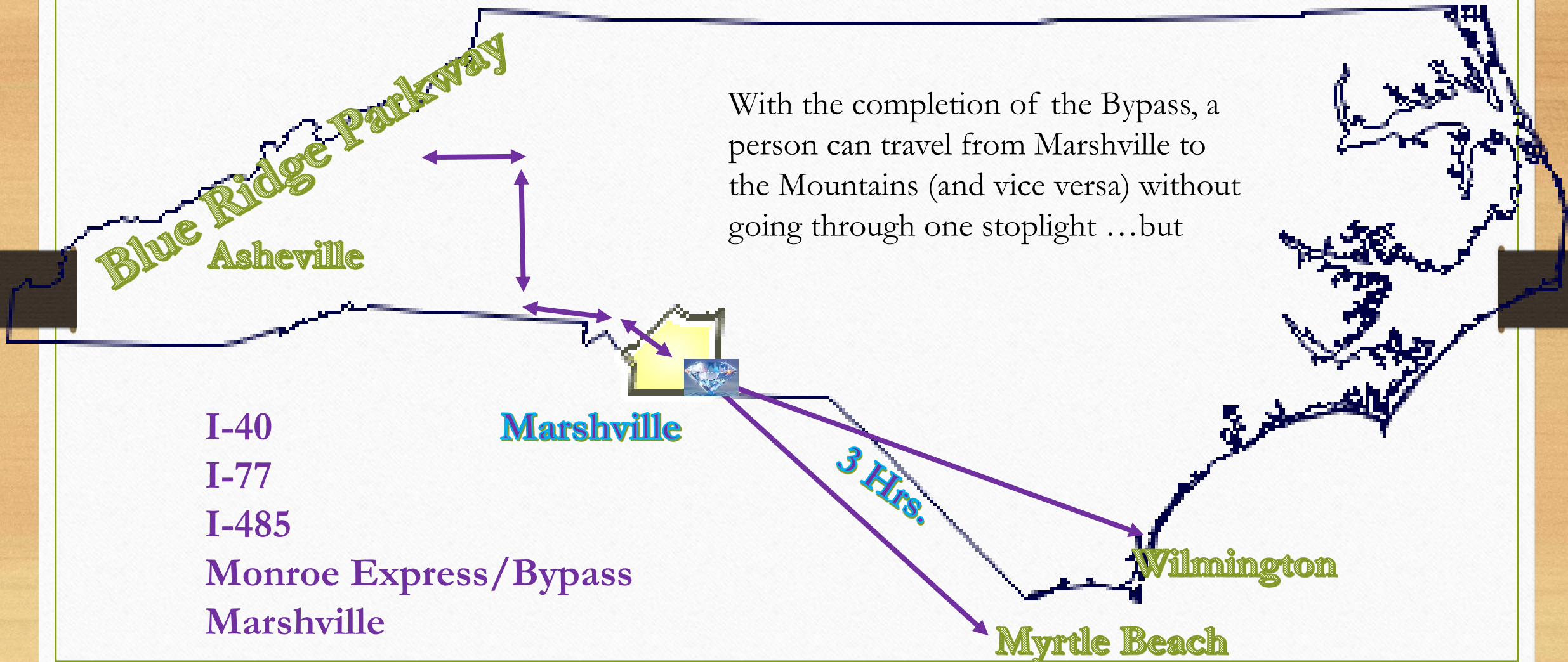
OUR LOCATION



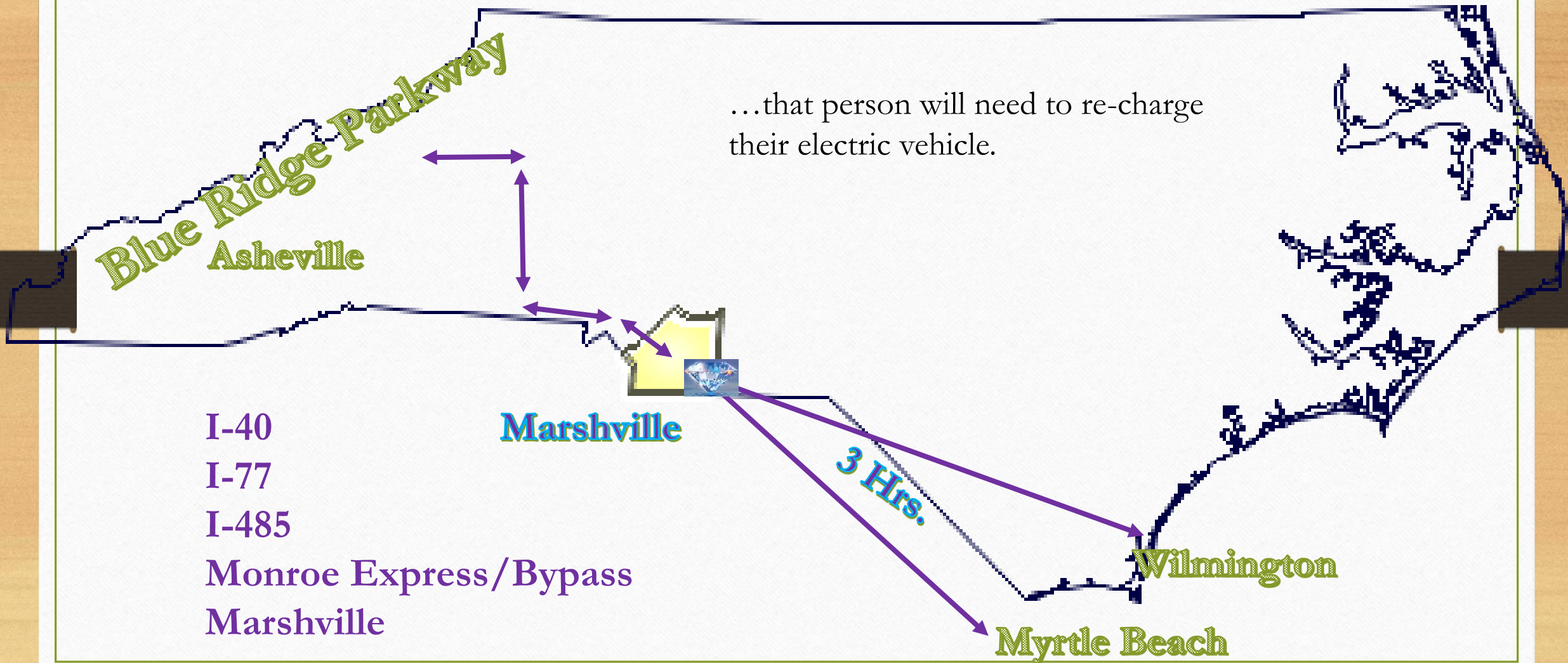
Marshville, NC



Marshville, NC



Marshville, NC



Considerations and Opportunities for Rural Communities

Marshville, NC

- In July of 2019, Carina Trustram Eve (our Centralina Regional Council staff member), working through the Centralina Clean Fuels Coalition, found the North Carolina Volkswagen Settlement fund.
- Over the next couple of months, through collaboration, cooperation, and conference calls, we got the Council's buy-in and completed the necessary resolutions, etc.
- After further research, we (mostly Carina) worked with Mr. Alvin Etheredge with Duke Energy to complete the grant application.
- We submitted the grant in Oct of 2019.



CENTRALINA
REGIONAL COUNCIL



Marshville, NC

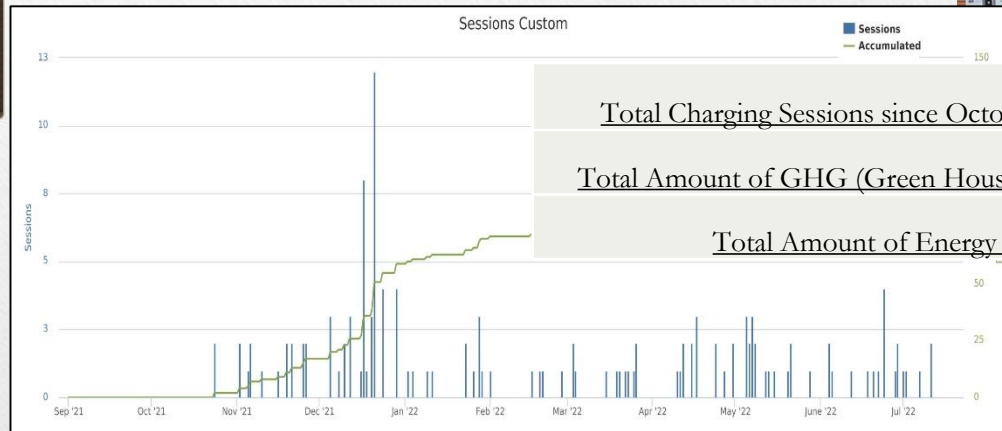
- In March of 2020, the Governor declared a state of Emergency because of COVID-19.
- In July of 2020 we were awarded \$91,277 for an EV Fast Charger.
- However, because of COVID-19, and issues with receiving the funds from Wilmington Trust, the state legislature did not allow the funds to be released. Our work was postponed because we could not get reimbursed for any work done before the contract was signed.
- Almost a year later, in March of 2021, we received our contract and were released to begin work.
- With the help of Duke Energy and Lilypad, we were able to complete our project in Sept. of 2021.



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- The EV Charger became fully operational on October 22, 2021 and a ribbon cutting ceremony was held on November 15.
- We have had moderate use since bringing the EV Charger online.



Total Charging Sessions since October 24th, 2021:

136 Sessions

Total Amount of GHG (Green House Gases) savings:

1,376 kg

Total Amount of Energy used:

1.939 MWh



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Marshville's plan is to:

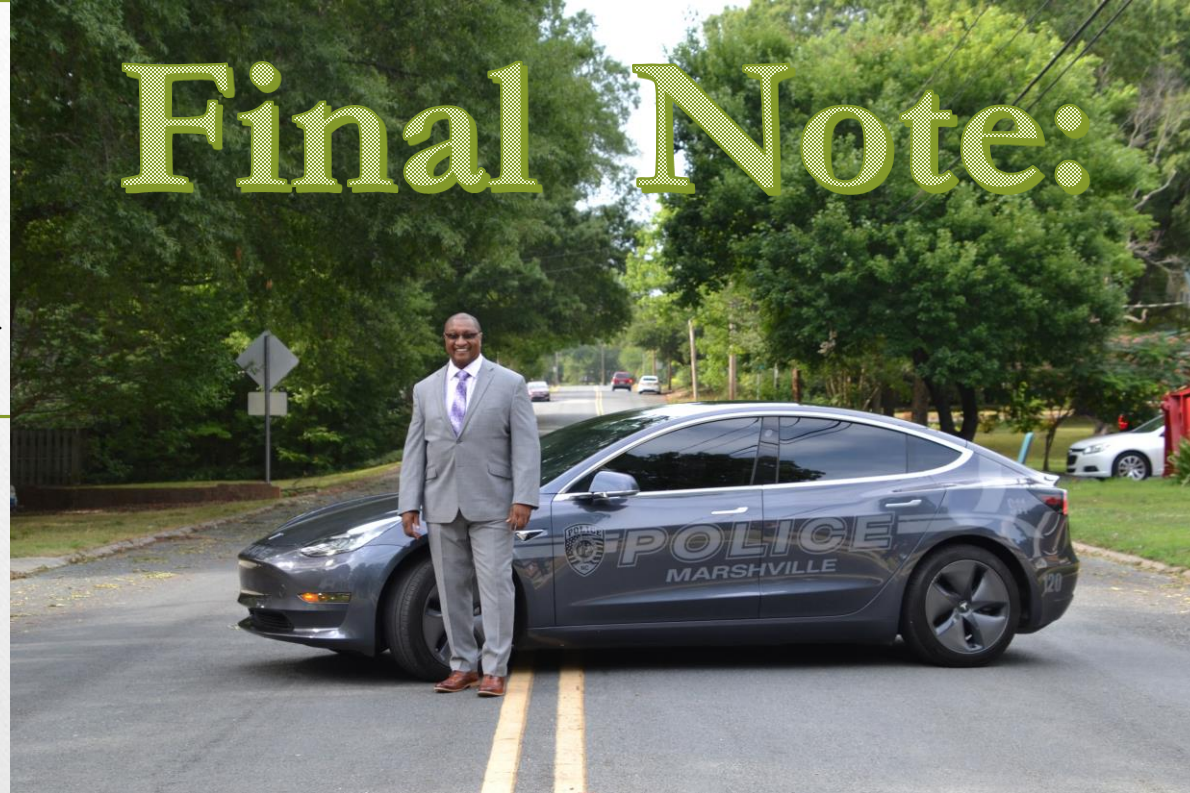
- ... market the EV Charger to increase usage, and work to become a major “stopping point” for Beach and Mountain traffic.
- ...continue to implement our downtown revitalization plan to offer more options for travelers, while charging their vehicles.
- ...eventually add more chargers with more use, which helps the environment and Marshville.



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- Marshville was one of the first municipalities in North Carolina to add an electric vehicle to its fleet of police cars.



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And we are looking to expand that number in the future.

