



















R-5600 - NC 107 - Sylva

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## Project Overview R-5600

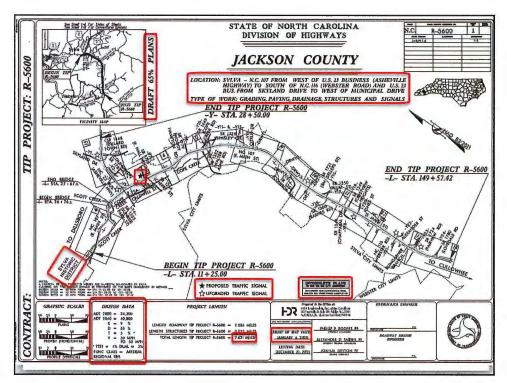
- Name: "R-5600 NC 107"
  - R = Rural project area
  - 5600 = State Transportation Improvements Program (STIP)
- Project Location
  - Jackson County (NC 107)
  - Length of road: ~ 2.6 mi.

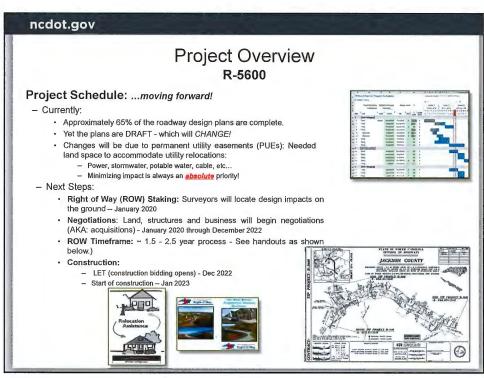
- Project Cost Estimate:
  - Engineering Design ~\$2.5 M
  - Right of Way Acquisition ~\$48.7 M
  - Construction ~\$21.5 M
  - Total = ~\$74 M

(Variation to project cost – such as utilities, change in road alignment, and unforeseen construction issues.)

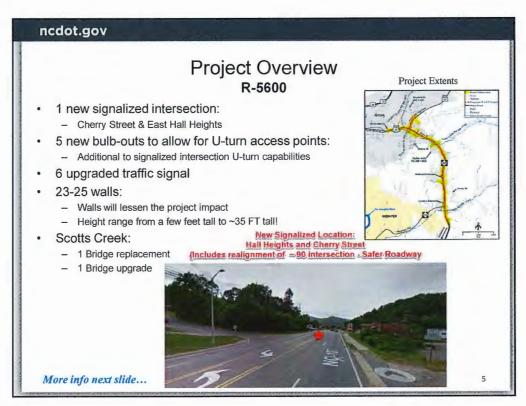


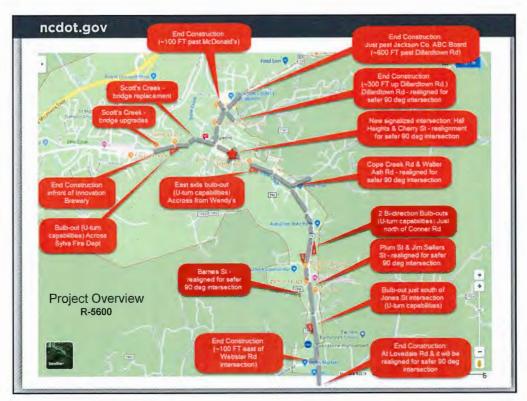
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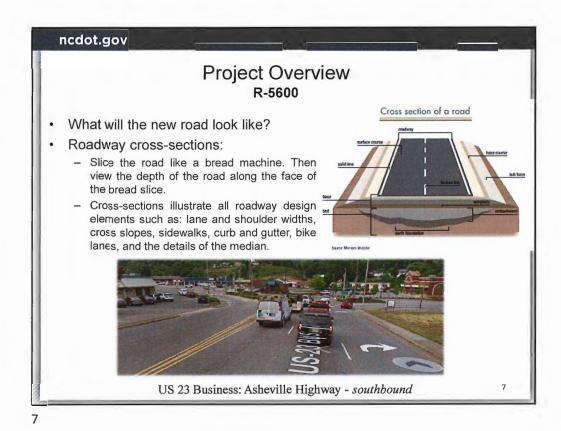




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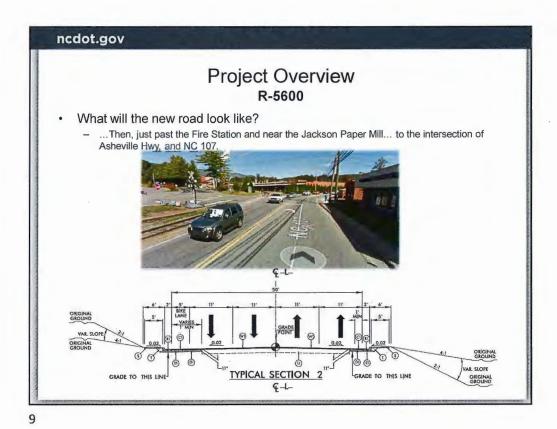


Project Overview
R-5600

• What will the new road look like?

- Beginning at Innovation Brewery...

- Then, transitioning to the next cross-section near the Fire Station...



## Project Overview R-5600 What will the new road look like? - ...From the intersection of Asheville Hwy, and NC 107, there are 3 primary roadway cross-sections: - The 3 cross-sections include: 1. Small 5.5 FT concrete median that varies to 16 FT 1. Variation to allow for transition between middle vehicle storage lanes 2. Concrete – grass can not be easily

maintained in areas less than 5 FT



3. 17.5 FT grass median:

curb and gutter

2. 17.5 FT concrete median:

 Needed so that road does not "snake" in and out along corridor when storage for left turn movements is not needed.

 1. 12 FT storage lane for left hand turns...
 2. 5.5 FT / 2 = 2.5 FT needed for lane separation and stormwater collection -

Next slide - The cross-sections...

