North Carolina Station Program

Paul C. Worley, NCDOT Rail Division Director
Good Stations + Right Location Impact Ridership
Building the Bookends of NC By Train Service

• Passenger stations serve as catalysts for city center economic development.

• The North Carolina Department of Transportation is proud to have partnered with the Federal Highway Administration (FHWA), Federal Transit Administration (FTA), local communities and freight railroads to restore historic properties and build new stations.
Raleigh Union Station (RUS)

- NCDOT and City of Raleigh are building a new train station in downtown to accommodate current and future demand of intercity passenger rail
- Replaces current Amtrak Station that cannot accommodate demand or expected ridership growth

<table>
<thead>
<tr>
<th>Project Cost</th>
<th></th>
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<tbody>
<tr>
<td>Local</td>
<td>$26.76M</td>
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<tr>
<td>State</td>
<td>$9M</td>
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<tr>
<td>Federal (FRA): TIGER and ARRA</td>
<td>$53M</td>
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<tr>
<td>Congestion Mitigation</td>
<td>$14.9M</td>
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<tr>
<td>Total</td>
<td>$103.66M</td>
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**Raleigh Union Station (RUS)**

- RUS reuses industrial building that has been vacant since 2005
- The 26,000 square foot building will provide 9,200 sq. ft. of passenger space – five times that of the current station

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**Timeline**

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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<tbody>
<tr>
<td>2013-15</td>
<td>Station and track design, funding, environmental, ROW, public input</td>
</tr>
<tr>
<td>January 2016</td>
<td>Station construction began</td>
</tr>
<tr>
<td>May 2016</td>
<td>Track and signal work began</td>
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<tr>
<td>January 2018</td>
<td>Station will be complete</td>
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Raleigh Union Station Construction
Raleigh Union Station Construction
Raleigh Union Station Construction
The Charlotte Gateway Station project is gaining significant momentum in Uptown Charlotte!

- Will provide better access to Uptown for business travelers and a world class gateway for visitors to the metropolitan amenities in North Carolina’s largest city
- Consolidates transportation modes in city center
- Replaces current Amtrak Station located 2.5 miles from downtown
NCDOT Owned Property Makes this Project Possible

• NCDOT acquisition of essential properties since the early 1990s provides options
Phase I – Getting to the Station
Track, Structures, and Signals

- Five new bridges at West 4th, West Trade, West 5th, West 6th and at Cedar Street Connection
- Two 2,000 foot long station tracks will separate passenger trains from freight operations
- Improves freight traffic flow to the Norfolk Southern intermodal facility at CLT airport
- Includes connection to NCDOT Charlotte Locomotive and Rail Maintenance Facility (LRMF)
- Engineering plans underway along with approvals and agreements with Norfolk Southern

<table>
<thead>
<tr>
<th>Anticipated Funding</th>
<th>Amount</th>
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<tbody>
<tr>
<td>USDOT TIGER VII Funding</td>
<td>$25M</td>
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<td>Federal, State and Local Funds</td>
<td>$45M</td>
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<td>Estimate and Funding</td>
<td>$70M</td>
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Phase II – Re-visioning and Building Charlotte Gateway Station

• Multimodal projects like the Gateway Station – essential to expanding access to NC’s public transportation network – an important element of Governor McCrory’s 25-Year Plan

• Multimodal Station Area Plan (funded by TIGER) underway by NCDOT
  • Study objective: to define a vision to develop the station as a component of a phased transportation plan for the project sponsors: NCDOT, City of Charlotte, Mecklenburg County, CATS, Charlotte Center City Partners
  • Provides an updated approach to project, incorporates stakeholder input
  • Three station concepts developed

Visioning Workshop – August 2016
Charlotte Gateway Station
Wilkes Extension

- Neighborhood scale station with adjacent bus facility
- Wilkes Place extended as pedestrian-friendly street
- Public plaza as urban living room with surrounding mixed use
Charlotte Gateway Station
Bridge Station

- Iconic entrance over Trade Street
- Cross block plaza connecting to Uptown amenities
- Bus facility integrated below mixed use development
Charlotte Gateway Station
Atrium Station

Grand interior civic space

Bus facility integrated below mixed use development

Iconic entrance on Graham Street
Hillsborough Station

- State STI 3.0 awarded $7.2M funding
- Project funding available mid-2018
Hillsborough Station Site Plan

• Station will serve as a multimodal center for the town
Future Stations

- Lexington Station – study underway (TIGER 2), EA ready for signature, with FONSI underway
- Harrisburg Station – site selection study complete
- NCRR’s Sugar Creek Station – study in progress