

APPENDIX C: Agency Comment Letters

Durham-Orange Light Rail Transit Project



December 2016

Appendix C: Agency Comment Letters

- NC Department of Public Safety (November 14, 2016)
- NC Division of Water Resources (November 29, 2016)
- US Environmental Protection Agency (November 29, 2016)
- Catawba Indian Nation (November 29, 2016)
- Durham Housing Authority (December 6, 2016)
- State Environmental Review Clearinghouse (December 7, 2016)
 - NC Department of Environmental Quality, Division of Environmental Assistance and Customer Service (December 6, 2016)
 - NC Division of Water Resources (November 29, 2016)
 - NC Division of Waste Management, Hazardous Waste Section (November 28, 2016)
 - NC Division of Waste Management, Superfund Section (November 18, 2016)
 - NC Division of Waste Management, Solid Waste Section
 - NC Department of Environment and Natural Resources, Raleigh Regional Office (December 1, 2016)
 - NC Department of Public Safety, Division of Emergency Management, Floodplain Management Program (November 15, 2016)
 - NC Division of Parks and Recreation (November 16, 2016)
- State Environmental Review Clearinghouse (December 7, 2016)
 - NC Department of Natural & Cultural Resource, State Historic Preservation Office (December 2, 2016)
 - NC Department of Transportation, Statewide Planning (November 29, 2016)
- City of Durham, Department of Transportation (December 7, 2016)

From: Meghan Makoid

Sent: Tuesday, November 15, 2016 10:44 AM

To: 'Brubaker, Dan' <Dan.Brubaker@ncdps.gov>

Cc: WBS <WBS@gotriangle.org>

Subject: RE: DOLRT 0637A - Participating Agency - Durham Orange Light Rail Transit Project - NCCU Station Refinement - Supplemental EA / Draft Section 4(f) Evaluation

Mr. Brubaker,

Thank you for your response indicating that you do not have any additional comments related to the proposed NCCU Station extension.

Sincerely,

Meghan

Phone: 919-485-7554

mmakoid@gotriangle.org

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From: Brubaker, Dan [<mailto:Dan.Brubaker@ncdps.gov>]

Sent: Monday, November 14, 2016 3:54 PM

To: Meghan Makoid <MMakoid@gotriangle.org>

Subject: RE: DOLRT 0637A - Participating Agency - Durham Orange Light Rail Transit Project - NCCU Station Refinement - Supplemental EA / Draft Section 4(f) Evaluation

Dear Ms. Makoid:

Thank you for the opportunity to review the NCCU Refinement for the Durham Orange Light Rail Transit Project. I do not have any additional comments related to the proposed NCCU extension. Previous comments were provided in response to North Carolina Clearinghouse Review 16-E-0000-0065.

Please let me know if you have any questions.

Best regards,

John D. Brubaker, PE, CFM
NFIP Engineer
NC Department of Public Safety
Risk Management Section
4218 Mail Service Center
Raleigh, NC 27699-4218
(919) 825-2300
dan.brubaker@ncdps.gov
www.ncdps.gov



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www.readync.org

From: Meghan Makoid [<mailto:MMakoid@gotriangle.org>]

Sent: Thursday, November 10, 2016 10:05 PM

To: 'state.clearinghouse@doa.nc.gov'; 'travis.wilson@ncwildlife.org'; 'rob.ridings@ncdenr.gov'; 'pmcguire@townofcarrboro.org'; 'Terry.Bellamy@durhamnc.gov'; 'ed.harrison@mindspring.com'; 'mpage@dconc.gov'; 'ingramb@durhamtech.eddu'; 'John.Edwards@nscorp.com'; 'jenny.patterson@ncdenr.gov'; 'dandrews@townofcarrboro.org'; 'justin.williamson@ncparks.gov'; Brubaker, Dan; 'jfbbridges@ncdot.gov'; 'deanne.seekins@va.gov'; 'peter.doorn@ncdenr.gov'; 'jbollinger@ncdot.gov'; 'scottsaylor@ncrr.com'; 'teresa.matthews@doa.nc.gov'; 'mfajack@unc.edu'; 'phemminger@townofchapelhill.org'

Cc: WBS; 'Mitchell, Stanley'; David Charters; Jeffrey Sullivan

Subject: DOLRT 0637A - Participating Agency - Durham Orange Light Rail Transit Project - NCCU Station Refinement - Supplemental EA / Draft Section 4(f) Evaluation

Dear Participating Agency:

The Federal Transit Administration (FTA) issued a Final Environmental Impact Statement (FEIS)/Record of Decision (ROD) in February 2016 for the Durham-Orange Light Rail Transit (D-O LRT) Project. In response to comments made on the Draft Environmental Impact Statement (DEIS), in the combined FEIS/ROD, FTA and GoTriangle committed to analyze the feasibility of extending the alignment to North Carolina Central University (NCCU). Early in this analysis, GoTriangle determined that this extension is feasible, and FTA determined that a Supplemental Environmental Assessment (Supplemental EA) would be required to document any associated impacts.

The proposed design refinement to the D-O LRT Project would change the location of the eastern terminus in Durham by adding a station near NCCU. The proposed change is referred to as the "NCCU Station Refinement."

The FTA and GoTriangle prepared a Supplemental Environmental Assessment (Supplemental EA) on the subject of the NCCU Station Refinement in accordance with the National Environmental Policy Act (NEPA). The Supplemental EA and concludes that the NCCU Station Refinement will not result in significant adverse social, economic, or environmental impacts. The Supplemental EA also includes a preliminary determination in accordance with Section 4(f) of the U.S. Department of Transportation Act that the NCCU Station Refinement would not result in any new use of properties protected by Section 4(f).

I am pleased to report that on Monday, November 7, 2016 the Supplemental EA and Draft Section 4(f) Evaluation were made available electronically for public review on the D-O LRT Project website ourtransitfuture.com and on the GoTriangle website at gotriangle.org. A copy of the legal notice announcing the availability of the Supplemental EA and Draft Section 4(f) Evaluation is attached for your reference.

FTA and GoTriangle encourage you to provide comments on the Supplemental EA and draft Section 4(f) Evaluation. Comments may be provided in writing until December 7, 2016 by emailing info@ourtransitfuture.com.

Sincerely,

Meghan A. Makoid, AICP
Environmental Planner
GoTriangle
P.O. Box 13787
Research Triangle Park, NC 27709
Phone: 919-485-7554

mmakoid@gotriangle.org

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E-mail correspondence sent to and from this address may be subject to the provisions of G.S. 132-1, the North Carolina Public Records Law, and may be subject to monitoring and disclosed to third parties, including law enforcement personnel, by an authorized state official.

From: Meghan Makoid

Sent: Tuesday, November 29, 2016 11:10 AM

To: 'Ridings, Rob' <rob.ridings@ncdenr.gov>

Cc: WBS <WBS@gotriangle.org>

Subject: RE: DOLRT 0637A - Technical Committee - Durham Orange Light Rail Transit Project - NCCU Station Refinement - Supplemental EA / Draft Section 4(f) Evaluation

Mr. Ridings,

Thank you for your response indicating that you do not have any additional comments or concerns on the Supplemental EA. We acknowledge that all prior comments submitted by DWR on the original EIS still apply for this project.

Sincerely,

Meghan

Phone: 919-485-7554

mmakoid@gotriangle.org

Email correspondence to and from this sender is subject to the N.C. Public Records Law and may be disclosed to third parties.

From: Ridings, Rob [<mailto:rob.ridings@ncdenr.gov>]

Sent: Tuesday, November 29, 2016 8:59 AM

To: Meghan Makoid <MMakoid@gotriangle.org>

Subject: RE: DOLRT 0637A - Technical Committee - Durham Orange Light Rail Transit Project - NCCU Station Refinement - Supplemental EA / Draft Section 4(f) Evaluation

The Supplemental EA is for a very minor extension of the original project study area. This extension has no new jurisdictional wetlands or streams.

All prior comments from the original EA submitted by DWR still apply for this project and we have no additional comments or concerns.

Rob Ridings

Environmental Specialist

Transportation Permitting Unit, Division of Water Resources

NC Department of Environmental Quality

919-707-878 office

rob.ridings@ncdenr.gov

512 North Salisbury Street, 12th Floor

1617 Mail Service Center

Raleigh, NC 27699



 Nothing Compares

Email correspondence to and from this address is subject to the North Carolina Public Records Law and may be disclosed to third parties.

From: Meghan Makoid [<mailto:MMakoid@gotriangle.org>]

Sent: Thursday, November 10, 2016 10:05 PM

Subject: DOLRT 0637A - Technical Committee - Durham Orange Light Rail Transit Project - NCCU Station Refinement - Supplemental EA / Draft Section 4(f) Evaluation

Dear D-O LRT Technical Committee Member:

The Federal Transit Administration (FTA) issued a Final Environmental Impact Statement (FEIS)/Record of Decision (ROD) in February 2016 for the Durham-Orange Light Rail Transit (D-O LRT) Project. In response to comments made on the Draft Environmental Impact Statement (DEIS), in the combined FEIS/ROD, FTA and GoTriangle committed to analyze the feasibility of extending the alignment to North Carolina Central University (NCCU). Early in this analysis, GoTriangle determined that this extension is feasible, and FTA determined that a Supplemental Environmental Assessment (Supplemental EA) would be required to document any associated impacts.

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FTA and GoTriangle encourage you to provide comments on the Supplemental EA and draft Section 4(f) Evaluation. Comments may be provided in writing until December 7, 2016 by emailing info@ourtransitfuture.com.

Sincerely,

Meghan A. Makoid, AICP
Environmental Planner
GoTriangle
P.O. Box 13787
Research Triangle Park, NC 27709
Phone: 919-485-7554
mmakoid@gotriangle.org

Email correspondence to and from this sender is subject to the N.C. Public Records Law and may be disclosed to third parties.

From: Van Der Wiele, Cynthia [<mailto:VanDerWiele.Cynthia@epa.gov>]
Sent: Tuesday, November 29, 2016 1:54 PM
To: David Charters <DCharters@gotriangle.org>; info@ourtransitfuture.com
Cc: 'stanley.a.mitchell@dot.gov' <stanley.a.mitchell@dot.gov>
Subject: D-O- LRT Project-- NCCU Station Refinement
Importance: High

Dear Mr. Charters:

The U.S. Environmental Protection Agency (EPA) Region 4 Office has reviewed the subject document and is commenting in accordance with Section 309 of the Clean Air Act (CAA) and Section 102(2)(C) of the National Environmental Policy Act (NEPA).

We commend the Federal Transit Administration (FTA) and GoTriangle for seeking to improve transit service in Durham and Orange County. We understand that based in comments received during the draft Environmental Impact Statement (DEIS), a feasibility study was conducted to assess the potential for extending the alignment eastward in order to link North Carolina Central University (NCCU), with the other major universities on the route, thus providing substantially improved mobility and access for students to participate in academic endeavors at these campuses. The new termini also would increase transit operating efficiency by eliminating a bus transfer at the Alston Avenue Station.

The NCCU extension prompted a supplemental EA to extend the project terminus 0.7 miles south of the proposed Alston Avenue Station, over NC 147 (Durham Freeway), to a new station at the Alston Avenue/Lawson Street intersection. The rail extension and the corresponding NCCU Station is consistent with the Durham-Chapel Hill-Carrboro (DCHC) Metropolitan Planning Organization's update to the long range transportation plan. Access to the NCCU Station would be at-grade and located in the median of Alston Avenue. Consequently, the station would be a "walk up" with no parking facilities provided. The EPA understands that existing bus stops would be modified to make walking to/from the station more convenient. The 2010 US Census Bureau notes that 50% of the households within a half-mile radius of the proposed station do not own a personal vehicle. McDougal Terrace, a 360-unit public housing property, is located two blocks east of Alston Avenue.

The impacts to the human environment include 29 residential and five business relocations. One historic property—the Durham Water Tower and Valve House—is located within the project area. Consultation with the State Historic Preservation Office yielded a determination of no adverse effect. The rail extension and NCCU Station is not anticipated to result in noise impacts to the surrounding community as all of the residential and commercial properties that front the west side of Alston Avenue between NC 147 and Lawson Street will be acquired for the proposed project. The NCCU Station and rail extension is located within an Environmental Justice (EJ) community. Based on feedback received during GoTriangle's public outreach, the EPA understands that the local community generally supports the extension of the project to include NCCU as it is expected to provide substantially better access to jobs and educational opportunities, medical services, recreation, and shopping centers through enhanced mobility and system linkage.

There are no impacts to the natural environment as the project is located within a highly urbanized area.

The EPA acknowledges the commitments to minimize and mitigate impacts to the human environment. We appreciate the opportunity to comment on this project. If you have any questions concerning these comments, please feel free to contact me.

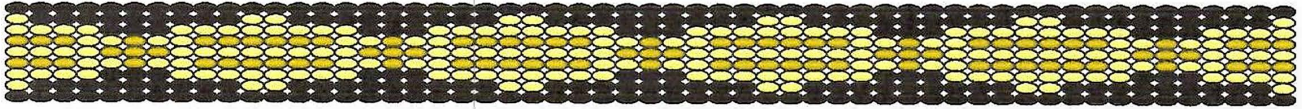
Sincerely,

Cynthia F. Van Der Wiele

Cynthia F. Van Der Wiele, Ph.D.
USEPA R4 NEPA Program Office
c/o USEPA-RTP
109 T.W. Alexander Drive
Mail Code: E143-08
Research Triangle Park, NC 27709
Phone: 919.450.6811

Catawba Indian Nation
Tribal Historic Preservation Office
1536 Tom Steven Road
Rock Hill, South Carolina 29730

Office 803-328-2427
Fax 803-328-5791



November 29, 2016

Attention: Yvette G. Taylor
U.S. Dept. of Transportation FTA
230 Peachtree Street, N.W., Suite 1400
Atlanta, Georgia 30303

Re. THPO #	TCNS #	Project Description
2017-852-1		Durham-Orange Light Rail Transit Project, NCCU Station Refinement, S. Alston Avenue

Dear Ms. Taylor,

The Catawba have no immediate concerns with regard to traditional cultural properties, sacred sites or Native American archaeological sites within the boundaries of the proposed project areas. **However, the Catawba are to be notified if Native American artifacts and / or human remains are located during the ground disturbance phase of this project.**

If you have questions please contact Caitlin Totherow at 803-328-2427 ext. 226, or e-mail caitlinh@ccppcrafts.com.

Sincerely,

Wenonah G. Haire
Tribal Historic Preservation Officer



December 6, 2016

Jeffrey Sullivan
Public Involvement Associate
GoTriangle
P.O. Box 13787
Research Triangle Park, NC 27709

Dear Mr. Sullivan,

The purpose of this letter is to express the support of the Durham Housing Authority (DHA) for the extension of the Durham-Orange (D-O) Light Rail Transit (LRT) Project from the Alston Avenue station to a station at North Carolina Central University (NCCU).

The proposed NCCU Station, at the intersection of Alston Avenue and Lawson Street, will be within two blocks of McDougald Terrace, Durham's largest multifamily public housing community. The McDougald Terrace site is currently slated for redevelopment as a mixed income housing community. Adding the NCCU LRT station will provide our residents and other people living and working within the surrounding neighborhoods with a competitive, affordable and reliable alternative to driving or having to own a car. It will improve and expand access to employment opportunities and provide residents with connections to healthcare, shopping and other important destinations. The NCCU Station will also extend the reach of employers particularly in Durham and Counties who are seeking to maintain and expand their workforce.

We believe that extending D-O LRT Project from the Alston Avenue station to include a station at NCCU is an important addition to the D-O LRT Project. It will help people living and working in our communities to get to work, support their families and build a healthy and more secure future.

Sincerely

A handwritten signature in black ink, appearing to read "Anthony Scott", is written over a horizontal line.

Anthony Scott
Chief Executive Officer



Kathryn Johnston
Secretary

J. Brian Ratledge
General Counsel

December 7, 2016

Mr. David Charters
Go Triangle
Post Office Box 13787
Research Triangle Park, North Carolina 27709

Re: SCH File # 17-E-0000-0258; Supplemental EA for the Durham-Orange Light Rail Transit Project. View documents at <http://ourtransitfuture.com/>

Dear Mr. Charters:

The above referenced environmental impact information has been submitted to the State Clearinghouse under the provisions of the National Environmental Policy Act. According to G.S. 113A-10, when a state agency is required to prepare an environmental document under the provisions of federal law, the environmental document meets the provisions of the State Environmental Policy Act. Attached to this letter for your consideration are comments made by the agencies in the course of this review.

If any further environmental review documents are prepared for this project, they should be forwarded to this office for intergovernmental review.

Should you have any questions, please do not hesitate to call.

Sincerely,

Crystal Best
State Environmental Review Clearinghouse

Attachments
cc: Region J



PAT MCCRORY
Governor

DONALD R. VAN DER VAART
Secretary

MEMORANDUM

To: Crystal Best
State Clearinghouse Coordinator
Department of Administration

FROM: Lyn Hardison *LBH*
Division of Environmental Assistance and Customer Service
Permit Assistance & Project Review Coordinator

RE: 17-0258
Environmental Assessment
Supplemental EA for the Durham-Orange Light Rail Transit Project – Proposed design refinement would change the location of the eastern terminus in Durham by adding a station near NCCU Orange and Durham Counties

Date: December 6, 2016

The Department of Environmental Quality has reviewed the proposal for the referenced project. Based on the information provided, several of our agencies have identified permits that may be required and offered some guidance to minimize impacts to the natural resources within the project area. The comments are attached for the applicant's review.

The Department's agencies will continue to be available to assist the applicant through the environmental review processes.

Thank you for the opportunity to respond.

Attachment



Reference Project 17-0258 Go Triangle - Environmental Assessment - Supplemental EA for the Durham Orange Light Rail Transit Project. This proposed design refinement would change the location of the eastern terminus in Durham by adding a station near NCCU.

View documents at <http://ourtransitfuture.com/projects/durham-orange/refinements/>

Federal Transit Administration (FTA) issued a FEIS/ROD in February 2016 (SCH # 16-0065).

DWR Transportation Unit Comments dated 11-29-2016

The Supplemental EA is for a very minor extension of the original project study area. This extension has no new jurisdictional wetlands or streams.

All prior comments from the original EA submitted by DWR still apply for this project and we have no additional comments or concerns.

Rob Ridings

Environmental Specialist
Transportation Permitting Unit, Division of Water Resources
NC Department of Environmental Quality

919-707-8786 office
rob.ridings@ncdenr.gov

512 North Salisbury Street, 12th Floor
1617 Mail Service Center
Raleigh, NC 27699



PAT MCCRORY

DONALD R. VAN DER VAART

MICHAEL SCOTT

November 28, 2016

To: Michael Scott, Director
Division of Waste Management

From: Bill Hunneke, Eastern Region Compliance Supervisor,
Compliance Branch, Hazardous Waste Section

Subject: Hazardous Waste Section Comments on Supplemental Environmental Assessment for the
Durham Orange Light Rail Transit Project in Durham County.
(Durham County)
Project Number: 17-0258

The Hazardous Waste Section (HWS) has reviewed the Supplemental EA for the Durham Orange Light Rail Transit Project in Durham County.

Any hazardous waste generated from the demolition, construction, operation, maintenance, and/or remediation (e.g. excavated soil) from the proposed project must be managed in accordance with the North Carolina Hazardous Waste Rules. The demolition, construction, operation, maintenance, and remediation activities conducted will most likely generate a solid waste, and a determination must be made whether it is a hazardous waste. If a project site generates more than 220 pounds of hazardous waste in a calendar month, the HWS must be notified, and the site must comply with the small quantity generator requirements. If a project site generates more than 2200 pounds of hazardous waste in a calendar month, the HWS must be notified, and the facility must comply with the large quantity generator requirements.

The proposed project site does not currently have an existing EPA Identification numbers for the generation of hazardous waste.

Should any questions arise, please contact me at 252-364-8977.

Kind regards,

William Hunneke
Eastern Region Compliance Supervisor



PAT MCCRORY

Commissioner

DONALD R. VAN DER VAART

Secretary

MICHAEL SCOTT

Director

Date: November 18, 2016

To: Michael Scott, Director
Division of Waste Management

Through: Dave Lown, Head
Federal Remediation Branch

From: Stuart F Parker, Federal Remediation Branch

Subject: NEPA Project #17-0258, Supplemental EA for the Durham Orange Light Rail
Transit Project (NCCU Station), Durham, Durham County, North Carolina

The Superfund Section has reviewed the proximity of CERCLIS and other sites under its jurisdiction to the proposed Durham Orange Light Rail Transit Project, eastern terminus. The proposed design refinement involves extending the location of the eastern terminus by adding a station on South Alston Avenue near North Carolina Central University (NCCU).

Fourteen sites were identified within an approximate 1-mile radius of the proposed project as noted on the map and in the table below. The identified sites are not anticipated to affect the project or vice versa, however, if the construction encounters groundwater, it is recommended that site files be reviewed so that appropriate health and safety precautions can be implemented as needed. Superfund Section files can be viewed at: <https://deq.nc.gov/about/divisions/waste-management/waste-management-rules-data/e-documents>.

Please contact me at 919.707.8377 if you have any questions.

ID #	SITE_NAME	Status
16047-12-32	STANLEY ENVIRONMENTAL	Open site on the Brownfields Assessment Program Inventory
NCD080885551	DAUGHERTY CHEMICAL COMPANY	Open site on the Inactive Hazardous Sites Inventory
10050-06-32	GOLDEN BELT	Open site on the Brownfields Assessment Program Inventory
DC320010	WEAVERS CLEANERS	Open Site on the Dry-cleaning Solvent Cleanup Act Program Inventory
NONCD0001337	BENCHMARK MATERIALS	Open site on the Inactive Hazardous Sites Inventory
NONCD0002494	BRENNTAG/SOUTHCHEM	Open site on the Inactive Hazardous Sites Inventory
NCD003198520	HONEYWELL, INC	Open site on the Inactive Hazardous Sites Inventory
NCD003196193	PIFER INDUSTRIES, INC.	Open site on the Inactive Hazardous Sites Inventory
NONCD0001514	CLEVELAND STREET	Open site on the Inactive Hazardous Sites Inventory
NCD986173938	DURHAM GAS PLANT	Open site on the Inactive Hazardous Sites Inventory
DC320007	MODEL LAUNDRY	Open Site on the Dry-cleaning Solvent Cleanup Act Program Inventory
NONCD0002858	DURHAM PUBLIC SERVICE CO PROP (FORMER)	Open site on the Inactive Hazardous Sites Inventory
NCD991278714	CAROCHEM, INC.	Open site on the Inactive Hazardous Sites Inventory
NCD075582197	AMORE/WORTH CHEMICAL	Open site on the Inactive Hazardous Sites Inventory

W.P. BALLARD

ROCHELLE STREET WELLS

MOORE, DELOBIS PROPERTY

CAROCHEM INC. PSNC OPERATIONS AND GARAGE

HOOPER ROAD CONTAMINATION

BRENTAG SOUTHCHEM

PIFER INDUSTRIES, INC.

VC CHEMICAL

BENCHMARK MATERIALS

Golden Bell

DRAUGHTY CHEMICAL COMPANY

HONEYWELL INC.

CLEVELAND STREET

DURHAM PUBLIC SERVICE CO PROP (FORMER)

EAKES CLEANERS (FORMER)

DURHAM AUDITORIUM

Liggett Apartments

Kent Corner

DURHAM PUBLIC SERVICE CO PROP (FORMER)

WEAVERS CLEANERS

NEPA 17-0258 Durham Orange

Country's flag

- Federal Remediation Standards
- Dry-Cleaning Solvent Cleanup Activities
- Inactive Hazardous Sites
- All Sites

有田 正三郎氏は、
 昭和十一年、東京府立第一高等学
 校、理数科を卒業し、同校の教員
 として勤務した。昭和二十二年、
 東京府立第一高等学校、理数科
 教授として勤務した。昭和二十
 三年、東京府立第一高等学校、
 理数科教授として勤務した。昭
 和二十四年、東京府立第一高等
 学校、理数科教授として勤務し
 た。昭和二十五年、東京府立第
 一高等学校、理数科教授として
 勤務した。昭和二十六年、東京
 府立第一高等学校、理数科教授
 として勤務した。昭和二十七年
 、東京府立第一高等学校、理数
 科教授として勤務した。昭和二
 十八年、東京府立第一高等学校
 、理数科教授として勤務した。

[illegible]



PAT MCCRORY

DONALD R. VAN DER VAART

MICHAEL E. SCOTT

MEMORANDUM

TO: Michael Scott, Division Director through Sharon Brinkley

FROM: Drew Hammonds, Eastern District Supervisor - Solid Waste Section *Drew Hammonds*

DATE: November 29, 2016

SUBJECT: Review: Project #17-0258 – Durham County (Environmental Assessment – Supplemental EA for the Durham Orange Light Rail Transit Project)

The Division of Waste Management, Solid Waste Section (Section) has reviewed the environmental assessment documents submitted on behalf of GO Triangle for the proposed Durham Orange Light Rail Transit Project. Based on the information provided, the Section does not see an adverse impact on the surrounding community and likewise knows of no situations in the community, which would affect this project.

During the clearing, demolition and construction of this project, GO Triangle and/or its contractors should make every feasible effort to minimize the generation of waste, to recycle materials for which viable markets exist, and to use recycled products and materials in the development of this project where suitable. Any waste generated by this project that cannot be beneficially reused or recycled must be disposed of at a solid waste management facility permitted by the Division. The Section strongly recommends that GO Triangle require all contractors to provide proof of proper disposal for all generated waste to permitted facilities.

Permitted solid waste management facilities are listed on the Division of Waste Management, Solid Waste Section portal site at: <https://deq.nc.gov/about/divisions/waste-management/waste-management-rules-data/solid-waste-management-annual-reports/solid-waste-permitted-facility-list>

Questions regarding solid waste management for this project should be directed to Mrs. Mary Whaley, Environmental Senior Specialist, Solid Waste Section, at (919) 693-5023.

cc: Mary Whaley, Environmental Senior Specialist
Jessica Montie, Compliance Officer

State of North Carolina
Department of Environment and Natural Resources
INTERGOVERNMENTAL REVIEW - PROJECT COMMENTS

Reviewing Office: RRO

Project Number 17-0258 Due Date: 12/1/2016
County DURHAM

After review of this project it has been determined that the ENR permit(s) and/or approvals indicated may need to be obtained in order for this project to comply with North Carolina Law. Questions regarding these permits should be addressed to the Regional Office indicated on the reverse of the form. All applications, information and guidelines relative to these plans and permits are available from the same Regional Office.

	PERMITS	SPECIAL APPLICATION PROCEDURES or REQUIREMENTS	Normal Process Time (statutory time limit)
<input type="checkbox"/>	Permit to construct & operate wastewater treatment facilities, sewer system extensions & sewer systems not discharging into state surface waters.	Application 90 days before begin construction or award of construction contracts. On-site inspection. Post-application technical conference usual.	30 days (90 days)
<input type="checkbox"/>	NPDES - permit to discharge into surface water and/or permit to operate and construct wastewater facilities discharging into state surface waters.	Application 180 days before begin activity. On-site inspection. Pre-application conference usual. Additionally, obtain permit to construct wastewater treatment facility-granted after NPDES. Reply time, 30 days after receipt of plans or issue of NPDES permit-whichever is later.	90-120 days (N/A)
<input type="checkbox"/>	Water Use Permit	Pre-application technical conference usually necessary	30 days (N/A)
<input type="checkbox"/>	Well Construction Permit	Complete application must be received and permit issued prior to the installation of a well.	7 days (15 days)
<input type="checkbox"/>	Dredge and Fill Permit	Application copy must be served on each adjacent riparian property owner. On-site inspection. Pre-application conference usual. Filling may require Easement to Fill from N.C. Department of Administration and Federal Dredge and Fill Permit.	55 days (90 days)
<input type="checkbox"/>	Permit to construct & operate Air Pollution Abatement facilities and/or Emission Sources as per 15 A NCAC (2Q.0100 thru 2Q.0300)	Application must be submitted and permit received prior to construction and operation of the source. If a permit is required in an area without local zoning, then there are additional requirements and timelines (2Q.0113).	90 days
<input type="checkbox"/>	Permit to construct & operate Transportation Facility as per 15A NCAC (2D.0800, 2Q.0601)	Application must be submitted at least 90 days prior to construction or modification of the source.	90 days
<input checked="" type="checkbox"/>	Any open burning associated with subject proposal must be in compliance with 15 A NCAC 2D.1900	N/A	60 days (90 days)
<input checked="" type="checkbox"/>	Demolition or renovations of structures containing asbestos material must be in compliance with 15 A NCAC 20.1110 (a) (1) which requires notification and removal prior to demolition. Contact Asbestos Control Group 919-707-5950.		
<input type="checkbox"/>	Complex Source Permit required under 15 A NCAC 2D.0800		
<input checked="" type="checkbox"/>	The Sedimentation Pollution Control Act of 1973 must be properly addressed for any land disturbing activity. An erosion & sedimentation control plan will be required if one or more acres to be disturbed. Plan filed with proper Regional Office (Land Quality Section) At least 30 days before beginning activity. A fee of \$65 for the first acre or any part of an acre. An express review option is available with additional fees.		20 days (30 days)
<input type="checkbox"/>	Sedimentation and erosion control must be addressed in accordance with NCDOT's approved program. Particular attention should be given to design and installation of appropriate perimeter sediment trapping devices as well as stable stormwater conveyances and outlets.		(30 days)
<input type="checkbox"/>	Mining Permit	On-site inspection usual. Surety bond filed with ENR Bond amount varies with type mine and number of acres of affected land. Any acre mined greater than one acre must be permitted. The appropriate bond must be received before the permit can be issued.	30 days (60 days)
<input type="checkbox"/>	North Carolina Burning permit	On-site inspection by N.C. Division Forest Resources if permit exceeds 4 days	1 day (N/A)
<input type="checkbox"/>	Special Ground Clearance Burning Permit - 22 counties in coastal N.C. with organic soils	On-site inspection by N.C. Division Forest Resources required "if more than five acres of ground clearing activities are involved. Inspections should be requested at least ten days before actual burn is planned."	1 day (N/A)
<input type="checkbox"/>	Oil Refining Facilities	N/A	90-120 days (N/A)
<input type="checkbox"/>	Dam Safety Permit	If permit required, application 60 days before begin construction. Applicant must hire N.C. qualified engineer to: prepare plans, inspect construction, certify construction is according to ENR approved plans. May also require permit under mosquito control program. And a 404 permit from Corps of Engineers. An inspection of site is necessary to verify Hazard Classification. A minimum fee of \$200.00 must accompany the application. An additional processing fee based on a percentage of the total project cost will be required upon completion.	30 days (60 days)

February 11, 2015

County <u>DURHAM</u>		Project Number: <u>17-0258</u>	Due Date: <u>12/1/2016</u>	Normal Process Time (statutory time limit)
PERMITS		SPECIAL APPLICATION PROCEDURES or REQUIREMENTS		
<input type="checkbox"/>	Permit to drill exploratory oil or gas well	File surety bond of \$5,000 with ENR running to State of NC conditional that any well opened by drill operator shall, upon abandonment, be plugged according to ENR rules and regulations.		10 days N/A
<input type="checkbox"/>	Geophysical Exploration Permit	Application filed with ENR at least 10 days prior to issue of permit. Application by letter. No standard application form.		10 days N/A
<input type="checkbox"/>	State Lakes Construction Permit	Application fee based on structure size is charged. Must include descriptions & drawings of structure & proof of ownership of riparian property.		15-20 days N/A
<input type="checkbox"/>	401 Water Quality Certification	N/A		60 days (130 days)
<input type="checkbox"/>	CAMA Permit for MAJOR development	\$250.00 fee must accompany application		55 days (150 days)
<input type="checkbox"/>	CAMA Permit for MINOR development	\$50.00 fee must accompany application		22 days (25 days)
<input type="checkbox"/>	Several geodetic monuments are located in or near the project area. If any monument needs to be moved or destroyed, please notify: N.C. Geodetic Survey, Box 27687 Raleigh, NC 27611			
<input checked="" type="checkbox"/>	Abandonment of any wells, if required must be in accordance with Title 15A. Subchapter 2C.0100.			
<input checked="" type="checkbox"/>	Notification of the proper regional office is requested if "orphan" underground storage tanks (USTS) are discovered during any excavation operation.			
<input type="checkbox"/>	Compliance with 15A NCAC 2H 1000 (Coastal Stormwater Rules) is required.			45 days (N/A)
<input type="checkbox"/>	Catawba, Jordan Lake, Randalman, Tar Pamlico or Neuse Riparian Buffer Rules required.			
<input checked="" type="checkbox"/>	Plans and specifications for the construction, expansion, or alteration of a public water system must be approved by the Division of Water Resources/Public Water Supply Section prior to the award of a contract or the initiation of construction as per 15A NCAC 18C .0300 et. seq. Plans and specifications should be submitted to 1634 Mail Service Center, Raleigh, North Carolina 27699-1634. All public water supply systems must comply with state and federal drinking water monitoring requirements. For more information, contact the Public Water Supply Section, (919) 707-9100.			30 days
<input checked="" type="checkbox"/>	If existing water lines will be relocated during the construction, plans for the water line relocation must be submitted to the Division of Water Resources/Public Water Supply Section at 1634 Mail Service Center, Raleigh, North Carolina 27699-1634. For more information, contact the Public Water Supply Section, (919) 707-9100.			30 days

Other comments (attach additional pages as necessary, being certain to cite comment authority)

Division	Initials	No comment	Comments	Date Review
DAQ	ddm	<input type="checkbox"/>		11/23/16
DWR-WQROS (Aquifer & Surface)	ds rb	<input type="checkbox"/> <input type="checkbox"/>	<p>Please see comments from transportation permitting unit in DWRs Central Office</p> <p>- NCDOT projects are required to comply with the individually issued stormwater permit. This permit includes erosion and sedimentation control expectations for projects that disturbs 1 acre or greater. The project is required to comply with erosion and sedimentation control plan, monitoring and maintenance expectations</p> <p>-The project is in the Cape Fear (Jordan Lake) and Neuse Basins (Falls Lake). Compliance with riparian buffer rules is required as well as water supply watershed rules.</p> <p>- If wetland or stream impacts are proposed, this project will need to comply with/secure a 404 permit from the USACE and obtain a 401 Water Quality Certification authorization.</p>	11/29/16 12/1/16
DWR-PWS	wah	<input type="checkbox"/>	See last two checked boxes	12/2/16
DEMLR (LQ & SW)	JLH	<input type="checkbox"/>	Although noted in the reports, the plan item was selected to provide additional detailed instructions.	12/1/16
DWM - UST	MRP	<input checked="" type="checkbox"/>	Notify the UST Section at the Raleigh Regional Office if petroleum-contaminated soil or groundwater is encountered demolition or construction activities.	12/1/16

REGIONAL OFFICES

Questions regarding these permits should be addressed to the Regional Office marked below.

☐ Asheville Regional Office

☐ Mooresville Regional Office

☐ Wilmington Regional Office

2090 US Highway 70
Swannanoa, NC 28778
(828) 296-4500

☐ **Fayetteville Regional Office**
225 North Green Street, Suite 714
Fayetteville, NC 28301-5043
(910) 433-3300

610 East Center Avenue, Suite 301
 Mooresville, NC 28115
(704) 663-1699

☒ **Raleigh Regional Office**
3800 Barrett Drive, Suite 101
Raleigh, NC 27609
(919) 791-4200

☐ **Washington Regional Office**
943 Washington Square Mall
Washington, NC 27889
(252) 946-6481

127 Cardinal Drive Extension
Wilmington, NC 28405
(910) 796-7215

☐ **Winston-Salem Regional Office**
450 West Hanes Mill Road, Suite 300
Winston-Salem, NC 27105
(336) 771-9800

NORTH CAROLINA STATE CLEARINGHOUSE
DEPARTMENT OF ADMINISTRATION
INTERGOVERNMENTAL REVIEW

COUNTY: DURHAM
ORANGE

F04: MASS TRANSIT

STATE NUMBER: 17-E-0000-0258
DATE RECEIVED: 11/10/2016
AGENCY RESPONSE: 12/01/2016
REVIEW CLOSED: 12/06/2016

MS DEIRDRE HAMAN
CLEARINGHOUSE COORDINATOR
DPS - DIV OF EMERGENCY MANAGEMENT
FLOODPLAIN MANAGEMENT PROGRAM
4218 MAIL SERVICE CENTER
RALEIGH NC

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DEPT OF TRANSPORTATION
DNCR - DIV OF PARKS AND RECREATION
DPS - DIV OF EMERGENCY MANAGEMENT
TRIANGLE J COG

PROJECT INFORMATION

APPLICANT: Go Triangle
TYPE: National Environmental Policy Act
Environmental Assessment

DESC: Supplemental EA for the Durham-Orange Light Rail Transit Project. View documents
at <http://ourtransitfuture.com/>

CROSS-REFERENCE NUMBER: 16-E-0000-0065

The attached project has been submitted to the N. C. State Clearinghouse for
intergovernmental review. Please review and submit your response by the above
indicated date to 1301 Mail Service Center, Raleigh NC 27699-1301.

If additional review time is needed, please contact this office at (919)807-2425.

AS A RESULT OF THIS REVIEW THE FOLLOWING IS SUBMITTED: ☒ NO COMMENT ☐ COMMENTS ATTACHED

SIGNED BY:

David Healy

DATE:

11/15/16

Not in SHA.

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NORTH CAROLINA STATE CLEARINGHOUSE
DEPARTMENT OF ADMINISTRATION
INTERGOVERNMENTAL REVIEW

COUNTY: DURHAM
ORANGE

F04: MASS TRANSIT

STATE NUMBER: 17-E-0000-0258
DATE RECEIVED: 11/10/2016
AGENCY RESPONSE: 12/01/2016
REVIEW CLOSED: 12/06/2016

MR JUSTIN WILLIAMSON
CLEARINGHOUSE COORDINATOR
DNCR - DIV OF PARKS AND RECREATION
1615 MAIL SERVICE CENTER
RALEIGH NC

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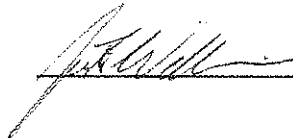
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AS A RESULT OF THIS REVIEW THE FOLLOWING IS SUBMITTED: ☒ NO COMMENT ☐ COMMENTS ATTACHED

SIGNED BY:

 DP2

DATE: 11-16-16

December 7, 2016

Mr. David Charters
Go Triangle
Post Office Box 13787
Research Triangle Park, NC 27709

Re: SCH File # 17-E-0000-0258; Supplemental EA for the Durham-Orange Light Rail Transit Project. View documents at <http://ourtransitfuture.com/>

Dear Mr. Charters:

The above referenced environmental impact information has been submitted to the State Clearinghouse under the provisions of the National Environmental Policy Act. According to G.S. 113A-10, when a state agency is required to prepare an environmental document under the provisions of federal law, the environmental document meets the provisions of the State Environmental Policy Act. Attached to this letter are additional comments made by the agencies in the course of this review.

If any further environmental review documents are prepared for this project, they should be forwarded to this office for intergovernmental review.

Should you have any questions, please do not hesitate to call.

Sincerely,



Crystal Best
State Environmental Review Clearinghouse

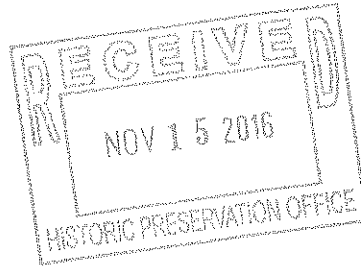
Attachments
cc: Region J

NORTH CAROLINA STATE CLEARINGHOUSE
DEPARTMENT OF ADMINISTRATION
INTERGOVERNMENTAL REVIEW

COUNTY: DURHAM
ORANGE

F04: MASS TRANSIT

STATE NUMBER: 17-E-0000-0258
DATE RECEIVED: 11/10/2016
AGENCY RESPONSE: 12/01/2016
REVIEW CLOSED: 12/06/2016



MS RENEE GLEDHILL-EARLEY
CLEARINGHOUSE COORDINATOR
DEPT OF NATURAL & CULTURAL RESOURCE
STATE HISTORIC PRESERVATION OFFICE
MSC 4617 - ARCHIVES BUILDING
RALEIGH NC

EZ 12-0738

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H eplekks

PROJECT INFORMATION

APPLICANT: Go Triangle
TYPE: National Environmental Policy Act
Environmental Assessment

Due 12/1/16

DESC: Supplemental EA for the Durham-Orange Light Rail Transit Project. View documents
at <http://ourtransitfuture.com/>

CROSS-REFERENCE NUMBER: 16-E-0000-0065

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If additional review time is needed, please contact this office at (919)807-2425.

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SIGNED BY:

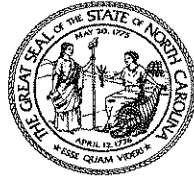
Renee Gledhill-Earley

DATE:

11.28.16

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**North Carolina Department of Natural and Cultural Resources
State Historic Preservation Office**

Ramona M. Bartos, Administrator

Governor Pat McCrory
Secretary Susan Kluttz

Office of Archives and History
Deputy Secretary Kevin Cherry

December 2, 2016

GoTriangle
ATTN: NCCU Station Refinement
PO Box 13787
Research Triangle Park, NC 27709

info@ourtransitfuture.com

RE: Supplemental EA for Durham-Orange Light Rail Transit Project, Durham and Orange Counties, ER 12-0738

Dear Sir/Madame:

We have received notification from the State Clearinghouse concerning the above-referenced document and provide the following comments.

We note that the most recent coordination between the Federal Transit Administration, GoTriangle and State Historic Preservation Officer did not make it into the Supplemental Environmental Assessment. Thus, we provide our comments here and note that we expect the necessary documentation to appear in the Finding of No Significant Impact for the NCCU Refinement.

As a result of our review of the historic structures report for the Area of Potential Impacts for the NCCU Refinement, we determined the Russell Memorial CME Church (DH3663) at 703 South Alston Avenue to be eligible for listing in the National Register of Historic Places under Criterion C for Architecture. We also determined that the proposed undertaking would not adversely affect the church in that no work would extend beyond the brick retaining wall along South Alston Avenue.

The above comments are made pursuant to Section 106 of the National Historic Preservation Act and the Advisory Council on Historic Preservation's Regulations for Compliance with Section 106 codified at 36 CFR Part 800.

Thank you for your cooperation and consideration. If you have questions concerning the above comment, contact Renee Gledhill-Earley, environmental review coordinator, at 919-807-6579 or environmental.review@ncdcr.gov. In all future communication concerning this project, please cite the above referenced tracking number.

Sincerely,

A handwritten signature in cursive script that reads "Renee Gledhill-Earley".

for Ramona M. Bartos

cc: Marvin Brown, AECOM, marvin.brown@aecom.com
State Clearinghouse

NORTH CAROLINA STATE CLEARINGHOUSE
DEPARTMENT OF ADMINISTRATION
INTERGOVERNMENTAL REVIEW

Julie Ballinger

COUNTY: DURHAM
ORANGE

F04: MASS TRANSIT

STATE NUMBER: 17-E-0000-0258
DATE RECEIVED: 11/10/2016
AGENCY RESPONSE: 12/01/2016
REVIEW CLOSED: 12/06/2016

MS CARRIE ATKINSON
CLEARINGHOUSE COORDINATOR
DEPT OF TRANSPORTATION
STATEWIDE PLANNING - MSC #1554
RALEIGH NC



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CROSS-REFERENCE NUMBER: 16-E-0000-0065

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indicated date to 1301 Mail Service Center, Raleigh NC 27699-1301.

If additional review time is needed, please contact this office at (919)807-2425.

AS A RESULT OF THIS REVIEW THE FOLLOWING IS SUBMITTED: ☒ NO COMMENT ☐ COMMENTS ATTACHED

SIGNED BY: *Julie Ballinger*

DATE: 11/29/16

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CITY OF DURHAM | NORTH CAROLINA

Date: December 7, 2016

To: GoTriangle
From: Ellen Beckmann, Senior Transportation Planner

Subject: Durham-Orange Light Rail Transit NCCU Station Refinement Supplemental Environmental Assessment

The City of Durham appreciates the efforts that GoTriangle has made to add a station at North Carolina Central University to the Durham-Orange Light Rail Transit project. The addition of this station greatly benefits the project as a whole, provides access to one of our City's most important educational and employment destinations, and increases mobility for residents of Durham. We look forward to continuing to work with GoTriangle staff on this element of the project in Project Engineering.

However, we do have some questions and concerns about the extension. We are offering the following comments on NCCU Station Refinement Supplemental Environmental Assessment for the Durham-Orange Light Rail Transit project with the intention to work cooperatively with GoTriangle staff on resolving these issues during Project Engineering.

Water Management Concerns

1. Will there be any requests to acquire property from the Pettigrew Tank Site?
2. We are concerned about the security of the Pettigrew Tank. There is concern that the elevated position of the parking deck would provide the opportunity for people to damage the elevated water tank. We request that GoTriangle install a physical/visible barrier on each floor of the parking deck on the side facing the Pettigrew Tank.
3. The Stormwater Management facility, adjacent to the parking deck, cannot discharge onto or through the Pettigrew Tank property. This includes any emergency spillways.
4. No soil nails will be allowed to encroach on the Pettigrew Tank property.
5. All water and sewer mains located within Alston Avenue alignment must be relocated to avoid conflicts with the light rail. All water and sewer main relocations must allow for the reconnection of the existing water and sewer services.
6. All relocated water mains must be sized such that the fire flow requirements of the existing uses are met.

Transportation Concerns

1. 1,200 parking spaces are proposed at the Alston Avenue Station, an increase of 220 from the FEIS/ROD. The Alston Station must serve the nearby neighborhood in addition to the park-and-ride lot. We would like to see less surface parking at the station and more attention to making the station a neighborhood hub and amenity. The proposed station orientation does not lend

itself well to redevelopment of the surface parking lots. We request further investigation of alternative site plans for the Alston Station during Project Engineering.

2. Spillover parking near the NCCU Station is a concern for the City. The City already maintains a Controlled Residential Parking Area around NCCU.
<http://durhamnc.gov/DocumentCenter/Home/View/4431> The station is likely to attract more parking to the area. We expect that GoTriangle will partner with the City and NCCU to address parking concerns caused by the station.
3. Storing train cars on the tail track proposed at the NCCU Station may present a visual impact to the neighborhood and may compromise vehicular safety at the Alston/Lawson intersection by obscuring sight lines. We urge GoTriangle to identify a less visible location for the storage of train cars.
4. Bicycle lanes on Alston Avenue are recommended in the Durham Comprehensive Bicycle Transportation Plan. However, we recognize that bicycle lanes unfortunately were not included in the NCDOT project to widen Alston Avenue from NC 147 to the north, and Alston Avenue is a high-volume route with an interchange with NC 147 that is not pedestrian or bicycle-oriented. The proposed Bryant Bridge Trail to the east and proposed Pearsonstown Trail/Grant Street to the west will provide safer north-south bicycle and pedestrian connections. The Bryant Bridge Trail is a funded TIP project and should be constructed before the DO LRT project. In lieu of bicycle lanes on Alston Avenue, the project needs to include improved bicycle and pedestrian connectivity from the NCCU Station to these trails using Lawson Street and Linwood Avenue. This will also help improve access to the stations from nearby low-income housing communities and Durham Technical Community College.
5. The sidewalk on the east-side of Alston Avenue is not proposed to be re-constructed or improved. With the attraction of a station at NCCU, pedestrian traffic on this side of the street will greatly increase and a wider sidewalk must be constructed. The City's standard is for a minimum 10 foot wide sidewalk in Compact Design Districts. Streetscape elements should also be included on this sidewalk.
6. Linwood Avenue will become a more used intersection for pedestrians and vehicles with the construction of the project. The pedestrian crossing at this intersection must be safe and convenient.
7. The traffic simulation report identifies LOS and vehicle queuing impact for multiple movements at the Alston/Lawson and Alston/Linwood intersections. We expect more discussion of potential mitigation measures for these impacts.
8. The City of Durham is concerned about the relocations on the west side of Alston Avenue caused by the project – both the neighborhood/community impact as well as the visual/aesthetic impact. In addition, the flyover structure for the LRT over NC 147 and landing in the median of Alston Avenue will have a substantial visual impact. For vehicles exiting NC 147 headed towards NCCU, Alston Avenue will be their gateway to Durham. It is critical that the west side of Alston Avenue be improved to include an inviting gateway as well as provide a neighborhood resource. This could be a linear park with attractive landscaping, playgrounds, decorative walls or other features, etc. The City expects to have input on the design and materials of the retaining wall and columns used for the flyover structure and that additional costs for decorative or aesthetic treatments will be included in the project cost.
9. As noted, gentrification and land use changes induced by the project are a concern for the City of Durham. The NCCU Station is not currently included in the City's land use planning documents and major changes in land use are not currently proposed for the station area. GoTriangle's ridership models thus generally reflect the current land uses in the station area and show that a strong transit market already exists. We expect that GoTriangle will cooperate with the City's

land use planning efforts to minimize displacement and gentrification caused by the station and ensuring that the increased transit service remains available to the current residents of the neighborhoods.