



Human Environment Overview

NCDOT Transportation Project Delivery: Local and Division Level

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October 13, 2015

Cultural Resources

- Archaeology Group
- Historic Architecture Group



Archaeology

- Identify and evaluate prehistoric and historic sites to determine if they are eligible for the National Register



Historic Architecture

- Identify and evaluate historic structures and landscapes to determine if they are eligible for the National Register.



Section 106 of the National Historic Preservation Act



- Requires federal agencies to take into account the effects of their undertakings (funded, licensed, or permitted) on historic properties

N.C. General Statute 121.12 (a)



- State legislation to provide protection to properties listed on the National Register of Historic Places from the effect of state agency undertakings

Archaeology and Historic Architecture

- Division-managed projects
 - Programmatic Agreement among NCDOT, FHWA, HPO and Advisory Council
 - Updated agreement will cover all projects not processed with an EIS
 - Legal responsibility for screening projects delegated to NCDOT cultural resources staff
 - Do not send requests for scoping comments to the State Historic Preservation Office

Archaeology and Historic Architecture

- Locally-administered Projects
 - Programmatic Agreement does not cover these projects
 - All requests for scoping comments should be sent to the State Historic Preservation Office
 - NCDOT Cultural Resources staff available for questions and guidance

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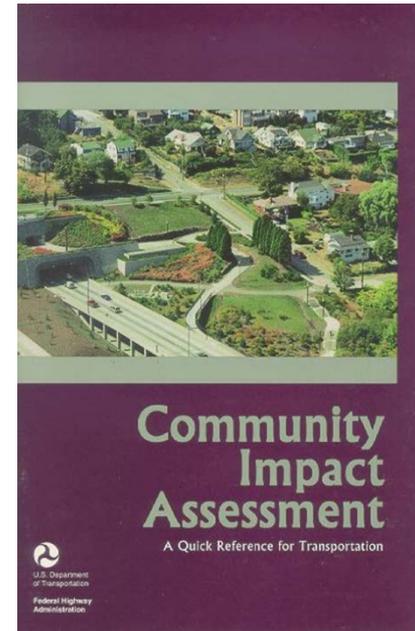
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Human Environment

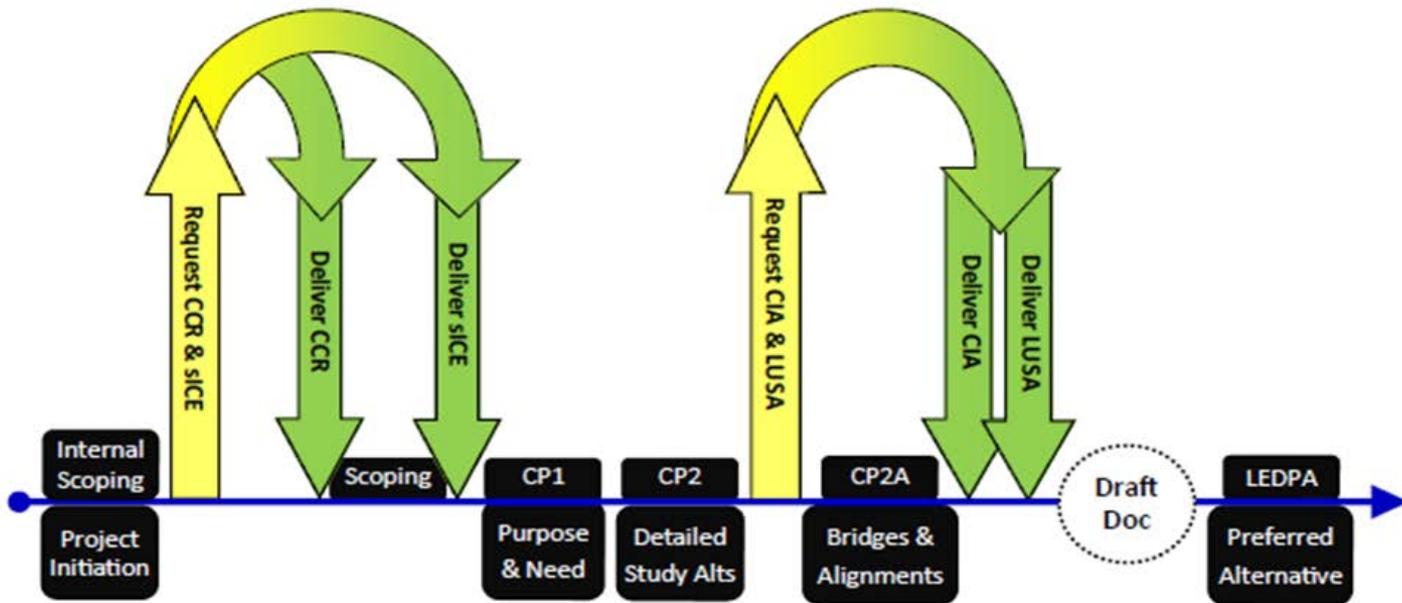
- Community Studies Group
- Public Involvement Group



Community Studies Group Reports

- Community Characteristics Report (CCR)
- Community Impact Assessment (CIA)
- Indirect & Cumulative Effects Screening (ICE)
- Land Use Scenario Analysis (LUSA)

Report Timelines



CCR/CIA Process – What is it?

A process to evaluate the direct effects of a transportation project on a community and its quality of life

Community issues are:

- **Documented** (CCR – demographics, notable features and characteristics, local plans, agricultural operations)
- **Assessed** (CCR – potential impacts; CIA – probable impacts)
- **Addressed** (CIA – recommendations to avoid, minimize, mitigate)

ICE/LUSA Process - What is it?

A process to analyze the potential influence of a project on growth and development

Indirect & Cumulative effects are:

- **Documented** (demographic trends and projections, market demand, infrastructure, public policies)
- **Quantified** (matrix, category summaries, conclusion)
- **Modeled** [as needed] as input into NES water quality modeling (DWR, USACE permit process)

Tools on Connect

On NCDOT's Connect site

- Templates
- Scopes
- Local input forms
- Demographic tool

- Guidance
- Estimating forms
- Standard language
- Growth calculator

MINORITY

Geography	Total Population	White, Non-Hispanic		Minority Population*	
		#	%	#	%
CT 56.04, 50 2	2,129	1,262	59.2%	867	40.7%
CT 56.04, 50 2	1,774	898	50.6%	876	49.4%
CT 56.04, 50 5	1,850	1,075	58.1%	775	41.9%
CT 56.05, 50 5	2,192	1,022	46.6%	1,170	53.4%
CT 56.09, 50 1	5,199	805	15.5%	2,394	46.1%
CT 56.10, 50 2	2,823	902	32.0%	1,921	68.0%
CT 56.12, 50 1	5,197	811	15.6%	2,386	46.0%
CT 56.12, 50 2	1,726	551	31.9%	1,175	68.1%
CT 56.14, 50 1	1,723	424	24.6%	1,299	75.4%
CT 56.14, 50 2	2,426	955	39.4%	1,471	60.6%
USA	22,821	8,935	37.4%	14,286	62.6%
Mecklenburg County	926,573	469,763	50.7%	457,000	49.3%

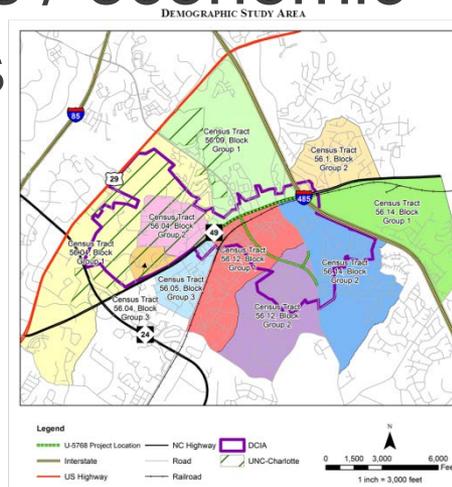
* Minority population includes all races that are nonwhite and Hispanic populations that are also White.

Source: US Census Bureau, American Community Survey 5-year Estimates (2009-2012) Table S0302, "Hispanic or Latino Origin by Race."

Connect > Resources > Environmental > Guidance and Procedures > More > Section: Community Studies

CIA – What's in it?

- Demographic data – *EJ, Title VI, LEP*
- Section 4(f) / 6(f)
- Local plans
- Business / economic activities
- Agriculture and VADs / EVADs
- Ped / Bike / Bus
- EMS and school operations
- Community cohesion
- Community concerns



CIA – How to?

- Bridge CIA template
- Non-bridge CCR and CIA templates
- **DMP/LAP combined CCR/CIA template**



COMMUNITY CHARACTERISTICS REPORT
COMMUNITY IMPACT ASSESSMENT

Short-Form Reports for Division-Managed
and Locally-Administered Projects

Standard Procedure & Scope of Work

NCDOT Human Environment Section
Community Studies Group

October 2015

CIA – How to?

- Find a pre-qualified consultant
- Scope and estimate task
- Direct consultant to template and guidance
- Review according to guidance
- **Contact Community Studies if needed**



ICE – What’s in it?

Population & job trends

Utility capacity

Regulations

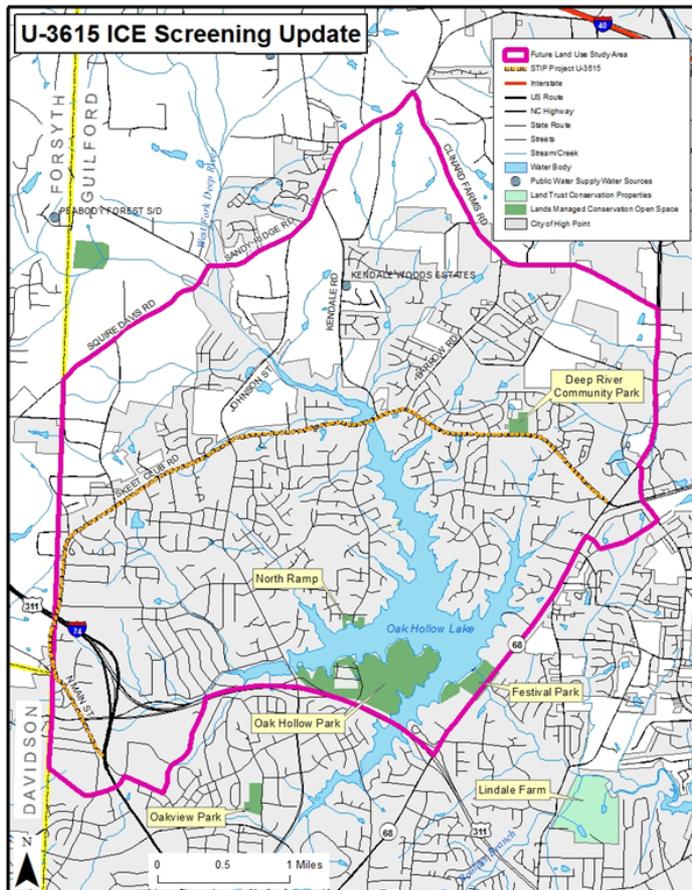
Available land

Development market

Table 4: Indirect Effects Screening Matrix – STIP U-5768

Indirect Land Use Effects Screening Tool - STIP U-5768										
Rating	Scope of Project	Change in Travel Time	Forecasted Population Growth	Forecasted Employment Growth	Available Land	Water/Sewer Availability	Market for Development	Public Policy	Notable Environmental Features	Result
More Concern	Major New Location	> 10 minute travel time savings	> 3% annual population growth	Substantial # of New Jobs Expected	5000+ Acres of Land	All services existing / available	Development activity abundant	Less stringent; no growth management	Targeted or Threatened Resource	
↑						X				
↑										
↔	X		X	X			X			
↓		X							X	Indirect Scenario Assessment Not Likley
↓					X			X		
Less Concern	Very Limited Scope	No travel time savings	No population growth or decline	No new Jobs or Job Loses	Limited Land Available	No service available now or in future	Development activity lacking	More stringent; growth management	Features incorporated in local protection	

ICE – How to?



TICAs = Transportation Impact Causing Activities

- No TICAs, no problem: No ICE
- Minor TICAs: ICE Appendix
- Major TICAs: stand-alone ICE report

ICE – How to?

- Find a pre-qualified consultant
- Assess TICAs, then scope and estimate task
- Direct consultant to template and guidance
- Review according to guidance
- **Contact Community Studies if needed**



Public Involvement – Why?

- Creates effective transportation decision-making
- Offers opportunities for public engagement
- Provides critical information to NCDOT



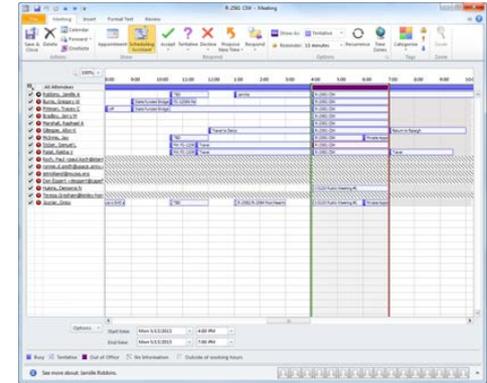
Public Involvement – What?

- Public meetings (open house)
- Small group/stakeholder meetings
- LOIM/project update meetings
- Corridor public hearings
- Design public hearings
- Combined public hearings
- Panel discussions/Q&A
- Charettes



Public Involvement – How to?

- Public Involvement Plans
- Logistics planning
- Scheduling
- Locate, reserve and pay for facilities
- Specialized outreach to EJ / Title VI / ADA populations
- Language assistance for LEP / LA populations



Si usted decide retener su casa y ocuparla después de mudarla sea sobre uso incorrecto u otra propiedad, el suplemento de la compra será basado en el costo en que usted incurra al ser reubicado. Antes de que usted sea elegible para recibir pago, sus costos de reubicación deben exceder la cantidad pagada por el estado por su casa y por el terreno.

Public Involvement – Services?

- Handouts, displays
- Newsletters, flyers
- Equipment, presentations
- Mailing lists, ads
- Staff, interpreters



Wake County | October 2012

Peace Street Bridge and Wade Avenue Bridge Replacement Projects

Citizens' Informational Workshop Handout

Raleigh, Wake County, Project B-5121/B-5317

Bridge Replacement Project Designs to be Selected

The N.C. Department of Transportation proposes to replace the bridge on Capital Blvd at Peace St, built in 1948, and the bridge on Capital Blvd at Wade Ave, built in 1954. The purpose of replacing the bridges is to maintain safe, reliable structures for long term use. While the existing bridges are still safe and will be replaced in a timely manner.

Other Nearby Projects

Raleigh's Capital Boulevard Corridor Study and NCDOT's Southeast High Speed Rail Project are likely to affect the same section of Capital Boulevard as the bridge replacements. NCDOT and the City of Raleigh are coordinating closely to ensure that the projects are consistent with each other, and to reduce the length and number of times the roadways need to be under construction. Contact information for these two projects is on the back of this handout.

Project Status

At the first workshop in September 2011, seven conceptual designs were presented. Since that time, NCDOT has continued developing designs, including studying the impacts and costs of each alternative. On display tonight are two alternatives at Peace Street and four alternatives at Wade Avenue. Current designs are shown in the newsletter. Additional copies of the newsletter are available at tonight's workshop.

After tonight's workshop, NCDOT and FHWA will select one preferred alternative at each interchange. These alternatives will be designed in more detail, and an environmental document will be completed early next year. The preferred alternatives will be presented at a public hearing next summer.

For more information:

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Project website:
www.ncdot.gov/projects/CapitalBridges

Connecting people and places with safe and efficient, with accessibility and environmental sensitivity to enhance the economy, health and well-being of North Carolina

NC 12: Pea Island
Long-Term Improvements

WELCOME!

Public Hearings:
March 11, 12, and 13, 2013

Study Area Characteristics

- Graham County
- Robbinville, Cheoah, and Stecoah
- Rural, low-density, close-knit community
- Transportation System: US 129, NC 143, NC 28
- Appalachian Trail
- Streams
- Wetlands
- Floodplains

Planning and Environmental Studies

Photos courtesy of
Beverly Chamber of
Commerce

Public Involvement – How to?

- Need help with consultants?
- Need a Public Involvement Plan?
- Need assistance with meetings?
- Need help with materials, ads or outreach?
- **Contact Public Involvement if needed**



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