



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

August 1, 2017

Memorandum To: Internal/External Scoping Meeting Attendees / U-5852 Project Team

From: Verrol McLeary
Project Development Environmental Analysis Unit

Subject: Internal/External Scoping Meeting for SR 2085 (Benjamin Parkway /
Bryan Boulevard)
Guilford County
WBS No. 50241.1.1, TIP No. U-5852

The Project Development and Environmental Analysis Unit is starting the project development, environmental and engineering studies for the subject project in the City of Greensboro from SR 2254 (Wendover Avenue) to Holden Road. The proposed project would add lanes to Benjamin Parkway/Bryan Boulevard. The existing roadway is a multi-lane, median divided, boulevard with 3-northbound travel lanes and 2-southbound travel lanes. This project is approximately 1.2 miles long. The project is included in the current NCDOT 10 Year Work Program. Right of way acquisition is scheduled for state fiscal year 2020 and construction let in state fiscal year 2022.

An Internal/External Scoping Meeting has been scheduled on August 17, 2017 from 3:15 p.m. to 5:00 p.m. The meeting will be held in the NCDOT Structure Design Conference Room, in Building A, Century Center, 1000 Birch Ridge Road in Raleigh. Existing project data for your use in preparing for this meeting is located at:

<https://xfer.services.ncdot.gov/pdea/MergerMeetings/>

If you have any questions about the project or the meeting or have trouble accessing the project data, please contact Verrol McLeary, Project Development Engineer at (919) 707-6044 or by email at vmcleary1@ncdot.gov. Please include the TIP Project Number in all correspondence and comments.

Project Development and Environmental Analysis Branch Scoping Information Sheets

<u>TIP No.:</u>	U-5852	<u>Sent Date:</u>	8/1/17
<u>WBS No.:</u>	50241.1.1	<u>Revision Date:</u>	
<u>Federal Aid No:</u>	N/A	<u>Meeting Date:</u>	8/17/17
<u>Division:</u>	7		
<u>County:</u>	Guilford		

Project Description: The proposed project would add lanes on SR 2085 (Benjamin Parkway/ Bryan Boulevard) from SR 2254 (Wendover Avenue) to Holden Road. See **Figure 1**.

General Project Need: The purpose of the proposed project is to improve the traffic carrying capacity of Benjamin Parkway/ Bryan Boulevard within the project limits.

Metropolitan / Rural Planning Organization: Greensboro Urban Area MPO

NEPA/404 Merger Candidate?: ☐ Yes ☐ No ☒ To Be Determined

Feasibility Study Completed?: ☐ Yes ☒ No Date of Study:

<u>Project Schedule:</u>	Type of Document:	Dates:
Environmental Document(s):	Categorical Exclusion	2018
Right of Way Authorization Date:	Production TIP	2020
Let Date:	Production TIP	2022

<u>Cost Estimate: DRAFT STIP 2018-2027</u>	Construction: FY 2022	Right of Way / Utilities: FY 2020	Total Cost: FY2022
U-5852	\$12,458,000	\$855,000 / \$103,000	\$13,916,000

Note: Prior years cost is \$500,000

Design Criteria:

Length of Project:

Approximately 1.2 miles along Benjamin Parkway/
Bryan Boulevard

Right of Way:

Existing:

From south to north, approximately 207 ft at Green Valley Road, narrowing to approximately 120 ft at Pembroke Road, and widening to approximately 865 ft at the widest section of the Bryan Boulevard/Holden Road interchange.

Proposed:

Will vary.

Type of Access Control:

Existing:

Partial control of access.

Proposed:

Partial control of access.

Roadway Typical Section:

Existing:

Benjamin Parkway/Bryan Boulevard: 5 lanes total - 3 travel lanes northbound, 2 travel lanes southbound – median divided, turn lanes at intersections

Proposed:

Benjamin Parkway/ Bryan Boulevard: 6 lanes total - 3 travel lanes northbound, 3 travel lanes southbound

Speed:

Existing Posted Speed:

45 mph

Proposed Design Speed:

50 mph

Bridge/ Culvert Inventory:

4 bridges total, from south to north:

- W484 (Pedestrian Walkway parallel to the west of H469)
- H469 – Benjamin Parkway / Bryan Boulevard over W. Wendover Avenue
- H598 – Green Valley Road over access ramp from WB W. Wendover Avenue to NB Benjamin Parkway / Bryan Boulevard
- H600 – Holden Road over Bryan Boulevard

6 culverts total, from south to north:

- C558 – City Culvert
- C561 – NCDOT Culvert
- C610 – City Culvert
- C426 – City Culvert
- C602 – City Culvert
- C611 – NCDOT Culvert

All culverts are for an unnamed tributary to North Buffalo Creek.

Functional Classification:

Other Principal Arterial (Wendover Avenue to Benjamin Parkway/ Bryan Boulevard intersection)
Freeway (Benjamin Parkway/ Bryan Boulevard intersection to Holden Road)

Strategic Transportation
Corridor Information:

N/A

CTP/Thoroughfare Plan
Designation (Facility Type):

Greensboro Urban Area Thoroughfare Plan August 2015 -

- Major Thoroughfare (Wendover Avenue to Benjamin Parkway/ Bryan Boulevard intersection) /
- Freeway (Benjamin Parkway/ Bryan Boulevard intersection to Holden Road)

Air Quality Status: ☐ Non-attainment ☒ Maintenance* ☐ Attainment

*As of June 20th 2017, all of Guilford County is in maintenance for PM_{2.5}

Horizon Completion Year (Long Range Trans. Plan):

2030

Typical Section in Compliance with
Conformity Determination?

☒ Yes ☐ No

Traffic (AADT)¹:

Current Year
(counts):

Year

Range of Traffic

2015

29,000-34,000

Design Year:

2040

TBD

% TTST:

TBD

% Dual:

TBD

1. Traffic forecast requested July 17, 2017

Design Standards Applicable: ☒ AASHTO ☐ 3R

Railroad Involvement:

Not Applicable

Utility Involvement:

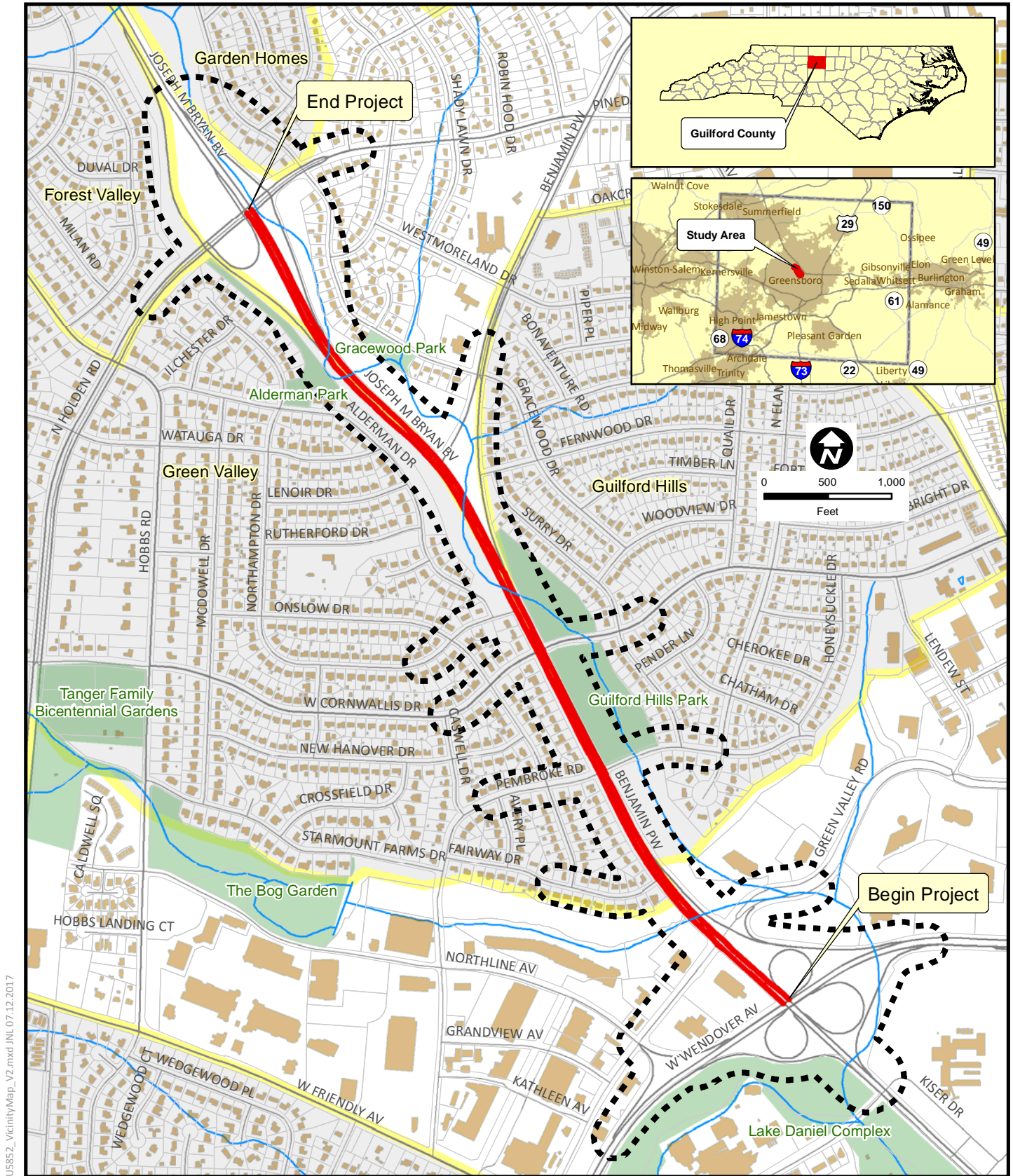
TBD

Natural/ Human Environmental Features:

Preliminary Corridor Resources Inventory Table
(Potential impacts are within existing right-of-way unless otherwise noted.)

Resource/Measure	No-Build Alternative	U-5852 Corridor
Length of project (to tenth of miles)	N/A	1.2
Potential for Interchanges or RR crossings (#)	N/A	Interchanges – 2 Intersections – 7 RR crossings - 0
Other Infrastructure (# of Wastewater treatment plants, transmission pipelines, etc.)	0	TBD
Suspected/known Hazardous Materials sites (#)	0	None anticipated
National Register or eligible sites, districts, or other historic properties (#)	0	0
Community facilities such as medical centers, nursing homes, churches, schools, cemeteries, etc. (#)	0	From south to north, the following facilities are located near or adjacent to the project corridor: Grimsley High School Brooks Global Studies Kiser Middle School Wesley Long Hospital Friendly Center Mall Parkway Baptist Church General Greene Elementary School Benjamin Public Library
Potentially Affected Residential Properties	0	Approximately 25
Potentially Affected Business Properties	0	Approximately 7
Wetlands (est. acres rounded to whole acre)	N/A	Approximately 3 acres
Streams (# of streams and number of linear feet)	0	Five stream segments (all part of the same unnamed tributary to North Buffalo Creek) are located primarily on the east side of the corridor as well as running parallel with the corridor. Minor impacts are anticipated from road widening.
Critical Water Supply Watersheds (rounded to nearest acre)	0	No
Riparian Buffer rules apply (yes/no/part)	No	Yes (Jordan Lake)
Area in active agriculture (nearest acre)	N/A	N/A
Parks, Greenways, Game Lands, Land and Water Conservation Fund Properties, etc. (#)	0	Four parks listed from south to north: Lake Daniel Complex (city greenway and park) Guilford Hills Park (city park) Gracewood Park (city park) Alderman Park (future park?)
Identified Critical Habitat/species under ESA (yes/no/part)	Okay	Yes - One Threatened species known to be found in Guilford County, the Small whorled pogonia (flowering plant).
FEMA Buyout Properties	No	No
Other known/suspected resources or issues: (identify; e.g. Low-income or minority community) (#)	N/A	No minority population present. No Limited English Proficiency population present. A Near-Poor Low-Income Population is present.

NOTE: This table is intended to be used in conjunction with the Environmental Features Map attached.



U5852_VicinityMap_V2.mxd JNL 07.12.2017

**SR 2085 (Benjamin Parkway/Bryan Boulevard),
from SR 2254 (Wendover Avenue)
to Holden Road in Greensboro.
Additional lanes.**



STIP PROJECT NO. U-5852
Guilford County, North Carolina

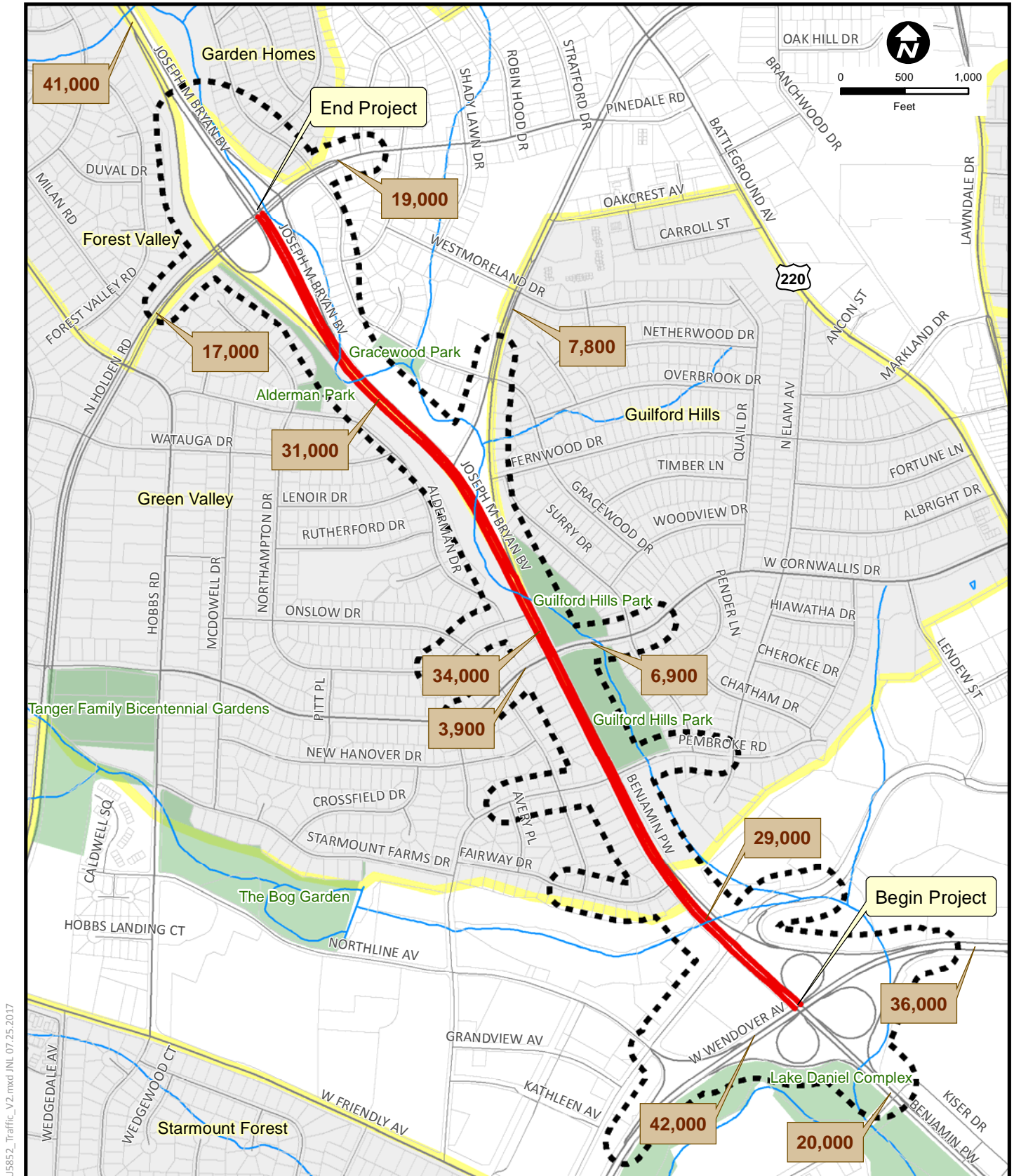
Legend

- Preliminary Study Area
- Study Limits
- Parcels
- Streams
- Parks
- Neighborhoods
- Building Footprints

**PROJECT
LOCATION**

FIGURE 1

Source: Guilford County GIS, NCDOT GIS.



**SR 2085 (Benjamin Parkway/Bryan Boulevard),
from SR 2254 (Wendover Avenue)
to Holden Road in Greensboro.
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Legend

- Study Limits
- Parcels
- Preliminary Study Area
- Streams
- Parks
- Neighborhoods

XX,XXX

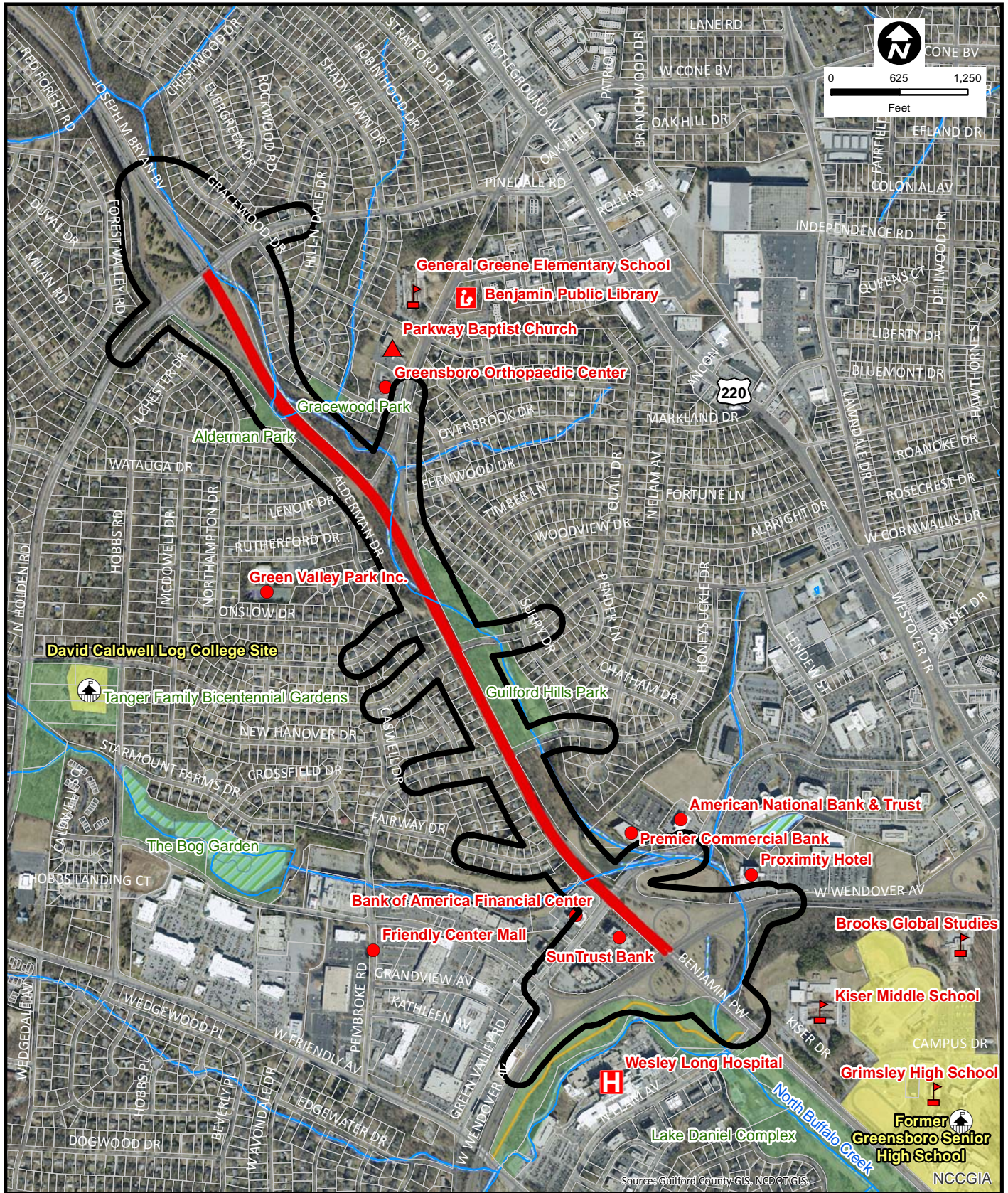
2015 AADT
AADT = Annual Average Daily Traffic.

Source: NCDOT Traffic Survey Group
Transportation Planning Branch

**2015 ANNUAL
AVERAGE DAILY
TRAFFIC**

FIGURE 2





Source: Guilford County GIS, NCDOT GIS

**SR 2085 (Benjamin Parkway/Bryan Boulevard),
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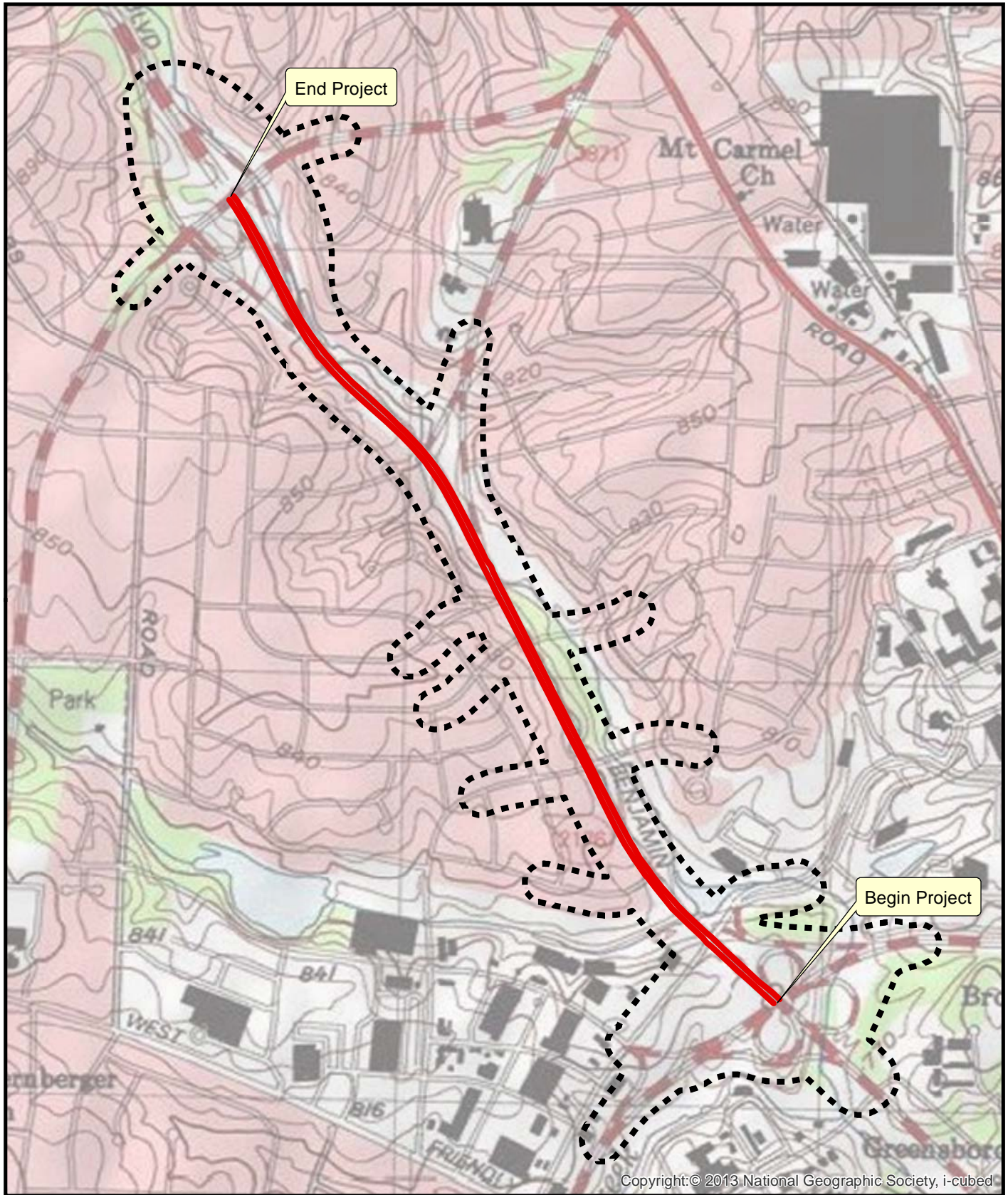
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Legend		Preliminary Study Area		Notable Features
		Study Limits		Church
		Streams		School
		Greenway Trail		Library
		NWI Wetlands		Hospital
		Parks		NR Historic Site
		Parcels		
		NR Historic District		

ENVIRONMENTAL FEATURES

FIGURE 3

U5852_USGS.mxd JNL 06.30.2017



**SR 2085 (Benjamin Parkway/Bryan Boulevard),
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to Holden Road in Greensboro.
Additional lanes.**



STIP PROJECT NO. U-5852
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Legend

- Study Limits
- Preliminary Study Area

GREENSBORO QUADRANGLE
NORTH CAROLINA-GUILFORD CO.
7.5-MINUTE SERIES

USGS MAP

Source: Guilford County GIS, City of Greensboro.
<http://services.arcgisonline.com/arcgis/services>

FIGURE 4