ATTACHMENT A

A RESOLUTION REGARDING AN INTERSECTION IMPROVEMENT PROJECT FOR THE EUBANKS ROAD AND OLD NC 86 INTERSECTION
Draft Resolution No.124/2011-12

WHEREAS, *Carrboro Vision 2020* states that the "safe and adequate flow of bus, auto, bicycle and pedestrian traffic within and around Carrboro is essential"; and,

WHEREAS, the Board of Aldermen received a report on February 21, 2012 summarizing the findings associated with the Northern Study Area Design Workshop, and,

WHEREAS, NCDOT drafted four different alignments resulting from conceptual designs included in the report; and,

WHEREAS, the North Carolina Department of Transportation has identified funding for an improvement project at the subject intersection; and,

WHEREAS, the property owner and NCDOT have a preliminary agreement in place to allow for construction of Alignment A;

NOW, THEREFORE BE IT RESOLVED that the Carrboro Board of Aldermen hereby receive this report and acknowledge that the intersection improvement project, identified as Alignment A, may move forward. The Board of Aldermen hereby request that the property owner and NCDOT work to mitigate any possible negative off-site impacts created by the realignment project.

This is the 10th day of March in the year 2012.

ATTACHMENT B-1

TOWN STAFF ALIGNMENT ANALYSIS

Alignment A

1. Advantages:

a) Currently NCDOT has sufficient funds allocated to build this alignment

b) Immediately addresses the sight distance safety issues with the Eubanks – Old NC 86 intersection.

c) Involves an agreement with only one property owner: Parker Louis LLC.

d) Retains access to Dromoland Road without the need for Dromoland Road extension

e) Bypasses traffic from the majority of the Parker Louis LLC property thereby allowing a relatively isolated secondary street network to be developed.

f) Accords with the Design Workshop layouts of Teams 2, 3 and 5.

g) Avoids existing cemetery and historic church site.

h) Curves and intersection with Dromoland may help to calm traffic

2. Disadvantages:

a) Does not bypass traffic away from the school.

b) Eliminates public road frontage for properties along this segment of Eubanks Road.

c) Will cause car lights to shine into the residence from the revised intersection location.

Alignment B

1. Advantages:

a) Bypasses thru-traffic from most of the school frontage.

b) Accords with the Design Workshop layouts of Team 4.

2. Disadvantages:

a) Decreases the relative isolation of a secondary street system for a mixed-use development on the Parker Louis LLC properties.

b) Requires one additional agreement with a property owner who may not want the alignment on their property.

c) The return radius to the traffic circle is fairly small possibly resulting in less than optimal sight distance.

d) Close to cemetery.

e) Will cause car lights to shine into the residence from the revised intersection location.

Alignment C

1. Advantages:

a) Bypasses traffic from most of the school frontage.

b) Involves an agreement with only one property owner: Parker Louis LLC

2. Disadvantages:

a) Decreases the relative isolation of a secondary street system for a mixed-use development on the Parker Louis LLC properties.

b) Somewhat indirect.

c) Requires crossing of a wetland.

d) Will cause car lights to shine into the residence from the revised intersection location.

Alignment D

1. Advantages:

a) Bypasses traffic from most of the school frontage.

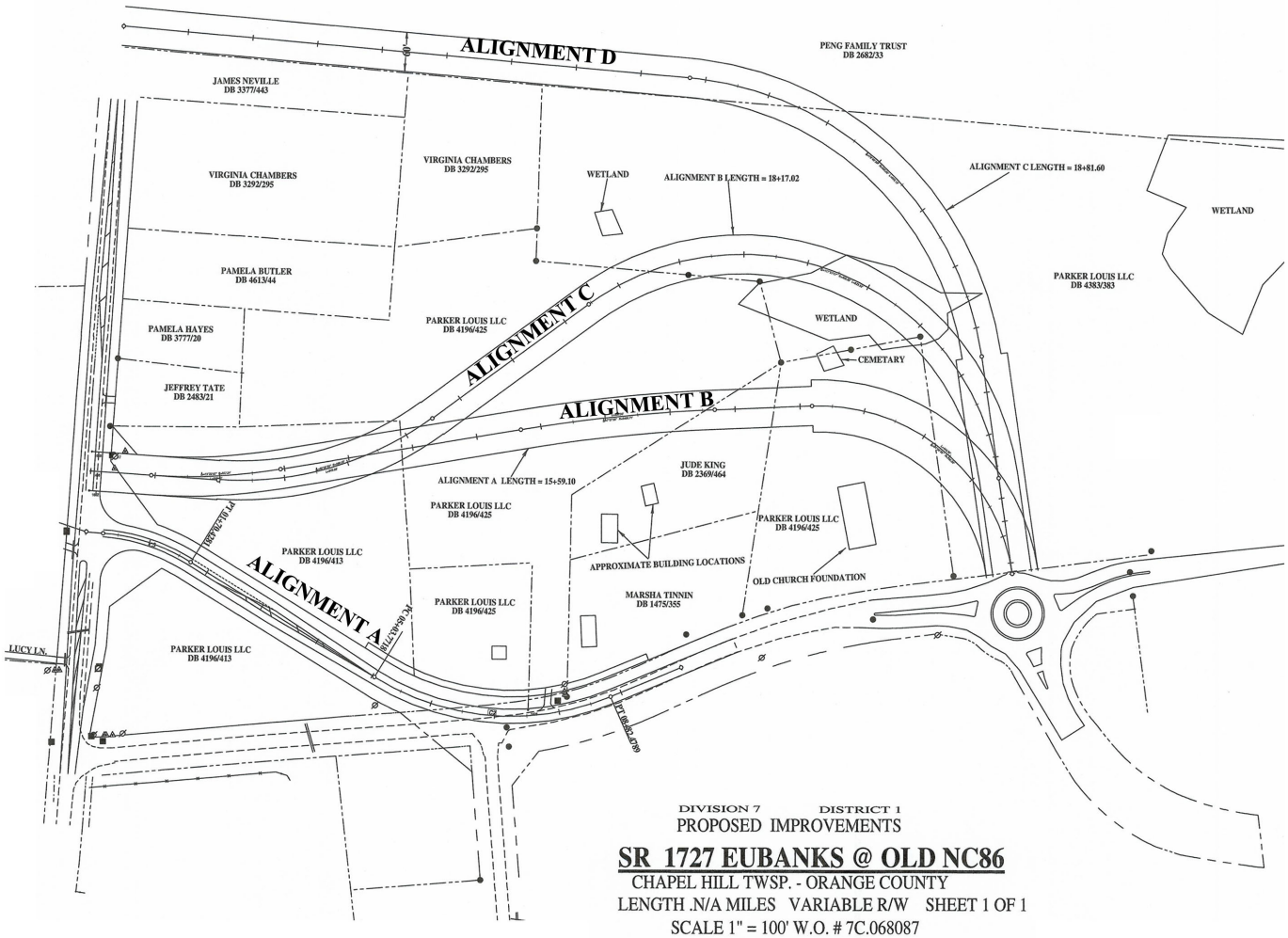
b) Provides larger horizontal curve radius, allowing better sight distance.

2. Disadvantages:

a) Requires one additional agreement with a property owner who may not want the alignment on their property.

b) Requires crossing of a wetland.

c) Increases travel time and distance.



DIVISION 7 DISTRICT 1

PROPOSED IMPROVEMENTS

SR 1727 EUBANKS @ OLD NC86

CHAPEL HILL TWSP. - ORANGE COUNTY

LENGTH .N/A MILES VARIABLE R/W SHEET 1 OF 1

SCALE 1" = 100' W.O. # 7C.068087

UTILITIES : DUKE POWER
BELLSOUTH
OWASA
TIME WARNER CABLE
PIEDMONT NATURAL GAS

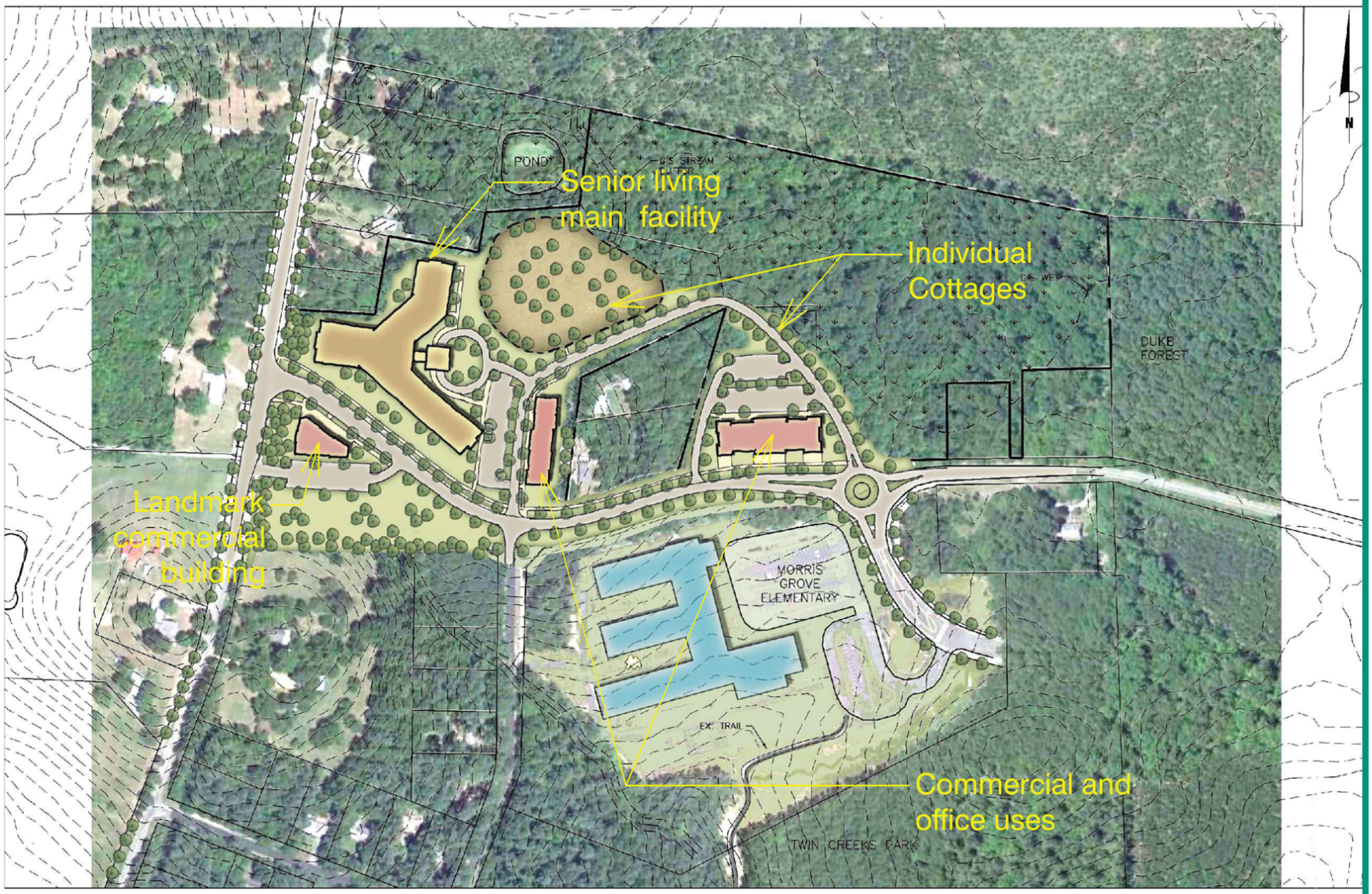
100 0 100 200

DATE: JANUARY , 2012

Team One

Townhouse area
Single-family housing
Commercial buildings
Village square
Community building
NORTHERN STUDY AREA - EUBANKS ROAD & OLD NC 86
Town of Carrboro
Durham Area Designers

Team Two


Senior living main facility
Individual Cottages
Landmark commercial building
Commercial and office uses
POND
DUKE FOREST
MORRIS GROVE ELEMENTARY
EX. TRAIL
TWIN CREEKS PARK
N
NORTHERN STUDY AREA - EUBANKS ROAD & OLD NC 86
Town of Carrboro
Durham Area Designers
Scale 1" = 100'

Team Three

Multi-family residential
Single family residential
Mixed-use commercial/residential
Parking to the rear
Trail to Millhouse Road park
Views
Single family residential
Views
Neighborhood park
On-street parking
Village commons
Widen Old 86 w/ paved shoulder
Trail along road
MORRIS GROVE ELEMENTARY
DUKE FOREST
NORTHERN STUDY AREA - EUBANKS ROAD & OLD NC 86
Town of Carrboro
Durham Area Designers

ATTACHMENT C-4

Team Four

Team Five

Townhouses
Village Green
Realign intersection
Assisted living 3 story at rear, 2 story at village center
Health-related offices 2 story
Village Center
Shops
Greenway underpass
Move greenway to west of school
NORTHERN STUDY AREA - EUBANKS ROAD & OLD NC 86
Town of Carrboro
Durham Area Designers