North Carolina Department of Transportation

Northern Durham Parkway

MODIFIED NORTHERN DURHAM PARKWAY CORRIDOR

DURHAM JCCPC NORTHERN DURHAM PARKWAY

WATER BODIES

MUNICIPAL BOUNDARIES

Location Map

Exhibit 1 (Sheet 1 of 2)

North Carolina Department of Transportation

Northern Durham Parkway

MODIFIED NORTHERN DURHAM PARKWAY CORRIDOR

DURHAM JCCPC NORTHERN DURHAM PARKWAY

WATER BODIES

MUNICIPAL BOUNDARIES

Location Map

Exhibit 1 (Sheet 2 of 2)

North Carolina Department of Transportation

Northern Durham Parkway

- CEMETERY
- CHURCH
- FIRE STATION
- SCHOOL
- HOSPITAL
- LIBRARY
- LANDFILL
- SUPERFUND SITE
- TREYBURN BOUNDARY
- LAND & WATER CONSERVATION PROPERTY
- A.C.O.E./STATE PARK BOUNDARY
- STATE PARK BOUNDARY
- CITY PARK BOUNDARY
- EXISTING/PROPOSED TRAILS & GREENWAYS
- URBAN GROWTH AREA
- RECREATION AREA
- PROPOSED RECREATION AREA
- WTP WATER TREATMENT PLANT
- WWTP WASTEWATER TREATMENT PLANT
- NATURAL HERITAGE AREA:
  - (A) - ANIMAL
  - (C) - NATURAL COMMUNITY
  - (I) - INDENTIFIED PRIORITY AREA
  - (P) - PLANT
  - (N) - IDENTIFIED NATURAL AREA
- HISTORIC SITE ON OR ELIGIBLE FOR THE NATIONAL REGISTER
- HISTORIC SITE ON STATE STUDY LIST
- NWI WETLAND BOUNDARY
- LITTLE RIVER AND FALLS LAKE WATERSHED PROTECTION AREA

NOTE: INFORMATION UPDATED ONLY WITHIN THE PROJECT AREA

0 3000' 6000'

BASE MAPPING PROVIDED BY DURHAM GIS DEPARTMENT

- DURHAM JCCPC NORTHERN DURHAM PARKWAY
- NORTHERN DURHAM PARKWAY
- MUNICIPAL BOUNDARIES
- WATER BODIES

Environmental Constraints Map

Exhibit 2

North Carolina Department of Transportation

Northern Durham Parkway

VOLUME

- 2000 to 10000
- 10000 to 15000
- 15000 to 30000
- 30000 to 50000
- 50000 to 80000

DURHAM COUNTY LINE

100000 50000 25000

TRAFFIC VOLUME	TYPICAL NUMBER OF LANES WARRANTED
2000 to 10000	2 - LANES
10000 to 15000	2 - LANES
15000 to 30000	4 - LANES
30000 to 50000	4 to 6 - LANES
50000 to 80000	6 to 8 - LANES

No Build Alternative 2025Traffic Volumes

Exhibit 3 (Sheet 1 of 2)

TRAFFIC VOLUME	TYPICAL NUMBER OF LANES WARRANTED
2000 to 10000	2 - LANES
10000 to 15000	2 - LANES
15000 to 30000	4 - LANES
30000 to 50000	4 to 6 - LANES
50000 to 80000	6 to 8 - LANES

North Carolina Department of Transportation

Northern Durham Parkway

VOLUME

- 2000 to 10000
- 10000 to 15000
- 15000 to 30000
- 30000 to 50000
- 50000 to 80000

DURHAM COUNTY LINE

100000 50000 25000

No Build Alternative 2025 Traffic Volumes

Exhibit 3 (Sheet 2 of 2)

North Carolina Department of Transportation

Northern Durham Parkway

VOLUME

- 2000 to 10000
- 10000 to 15000
- 15000 to 30000
- 30000 to 50000
- 50000 to 80000

DURHAM COUNTY LINE

DURHAM JCCPC NORTHERN DURHAM PARKWAY

0000 2025 TWO-WAY VOLUMES

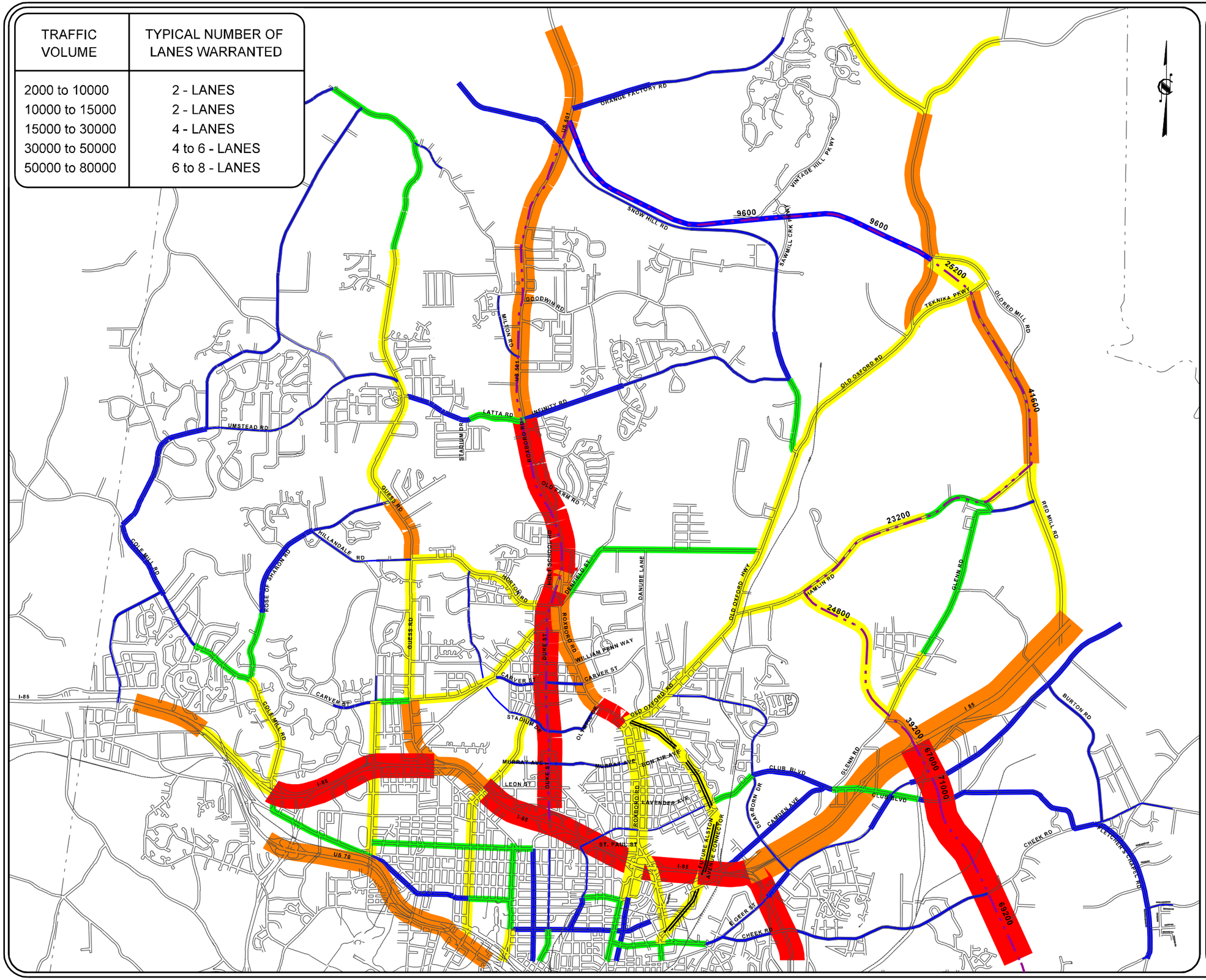
100000 50000 25000

TRAFFIC VOLUME	TYPICAL NUMBER OF LANES WARRANTED
2000 to 10000	2 - LANES
10000 to 15000	2 - LANES
15000 to 30000	4 - LANES
30000 to 50000	4 to 6 - LANES
50000 to 80000	6 to 8 - LANES

Northern Durham Parkway 2025 Traffic Volumes

Exhibit 4 (Sheet 1 of 2)

TRAFFIC VOLUME	TYPICAL NUMBER OF LANES WARRANTED
2000 to 10000	2 - LANES
10000 to 15000	2 - LANES
15000 to 30000	4 - LANES
30000 to 50000	4 to 6 - LANES
50000 to 80000	6 to 8 - LANES



North Carolina Department of Transportation

Northern Durham Parkway

VOLUME

- 2000 to 10000
- 10000 to 15000
- 15000 to 30000
- 30000 to 50000
- 50000 to 80000

DURHAM COUNTY LINE

DURHAM JCCPC NORTHERN DURHAM PARKWAY

0000 2025 TWO-WAY VOLUMES

100000 50000 25000

Northern Durham Parkway 2025 Traffic Volumes

Exhibit 4 (Sheet 2 of 2)

North Carolina Department of Transportation

Northern Durham Parkway

MODIFIED NORTHERN DURHAM PARKWAY CORRIDOR

ROADS WITH A 10% OR GREATER REDUCTION IN 2025 TRAFFIC

DURHAM COUNTY LINE

====== FUTURE ROAD PROJECTS

NOTES:

1) **Only major roadways included in the Triangle Regional model were compared.**

2) **The future Alston Avenue Connector location shown on map is approximate. The location of this roadway has not been determined to date.**

Ten Percent Traffic Reductions

Exhibit 5 (Sheet 1 of 2)

North Carolina Department of Transportation

Northern Durham Parkway

MODIFIED NORTHERN DURHAM PARKWAY CORRIDOR

ROADS WITH A 10% OR GREATER REDUCTION IN 2025 TRAFFIC

DURHAM COUNTY LINE

====== FUTURE ROAD PROJECTS

NOTES:

1) **Only major roadways included in the Triangle Regional model were compared.**

2) **The future Alston Avenue Connector location shown on map is approximate. The location of this roadway has not been determined to date.**

Ten Percent Traffic Reductions

Exhibit 5 (Sheet 2 of 2)

North Carolina Department of Transportation

Northern Durham Parkway

MODIFIED NORTHERN DURHAM PARKWAY CORRIDOR

ROADS WITH A 20% OR GREATER REDUCTION IN 2025 TRAFFIC

DURHAM COUNTY LINE

====== FUTURE ROAD PROJECTS

NOTES:

1) **Only major roadways included in the Triangle Regional model were compared.**

2) **The future Alston Avenue Connector location shown on map is approximate. The location of this roadway has not been determined to date.**

Twenty Percent Traffic Reductions

Exhibit 6 (Sheet 1 of 2)

North Carolina Department of Transportation

Northern Durham Parkway

MODIFIED NORTHERN DURHAM PARKWAY CORRIDOR

ROADS WITH A 20% OR GREATER REDUCTION IN 2025 TRAFFIC

DURHAM COUNTY LINE

====== FUTURE ROAD PROJECTS

NOTES:

1) **Only major roadways included in the Triangle Regional model were compared.**

2) **The future Alston Avenue Connector location shown on map is approximate. The location of this roadway has not been determined to date.**

Twenty Percent Traffic Reductions

Exhibit 6 (Sheet 2 of 2)

North Carolina Department of Transportation

Northern Durham Parkway

MODIFIED NORTHERN DURHAM PARKWAY CORRIDOR

ROADS WITH A 30% OR GREATER REDUCTION IN 2025 TRAFFIC

DURHAM COUNTY LINE

====== FUTURE ROAD PROJECTS

NOTES:

1) **Only major roadways included in the Triangle Regional model were compared.**

2) **The future Alston Avenue Connector location shown on map is approximate. The location of this roadway has not been determined to date.**

Thirty Percent Traffic Reductions

Exhibit 7 (Sheet 1 of 2)

North Carolina Department of Transportation

Northern Durham Parkway

MODIFIED NORTHERN DURHAM PARKWAY CORRIDOR

ROADS WITH A 30% OR GREATER REDUCTION IN 2025 TRAFFIC

DURHAM COUNTY LINE

====== FUTURE ROAD PROJECTS

NOTES:

1) **Only major roadways included in the Triangle Regional model were compared.**

2) **The future Alston Avenue Connector location shown on map is approximate. The location of this roadway has not been determined to date.**

Thirty Percent Traffic Reductions

Exhibit 7 (Sheet 2 of 2)