

NC 27

From US 321 BUS to NC 73

Local ID: C-5606I

Purpose: Mobility

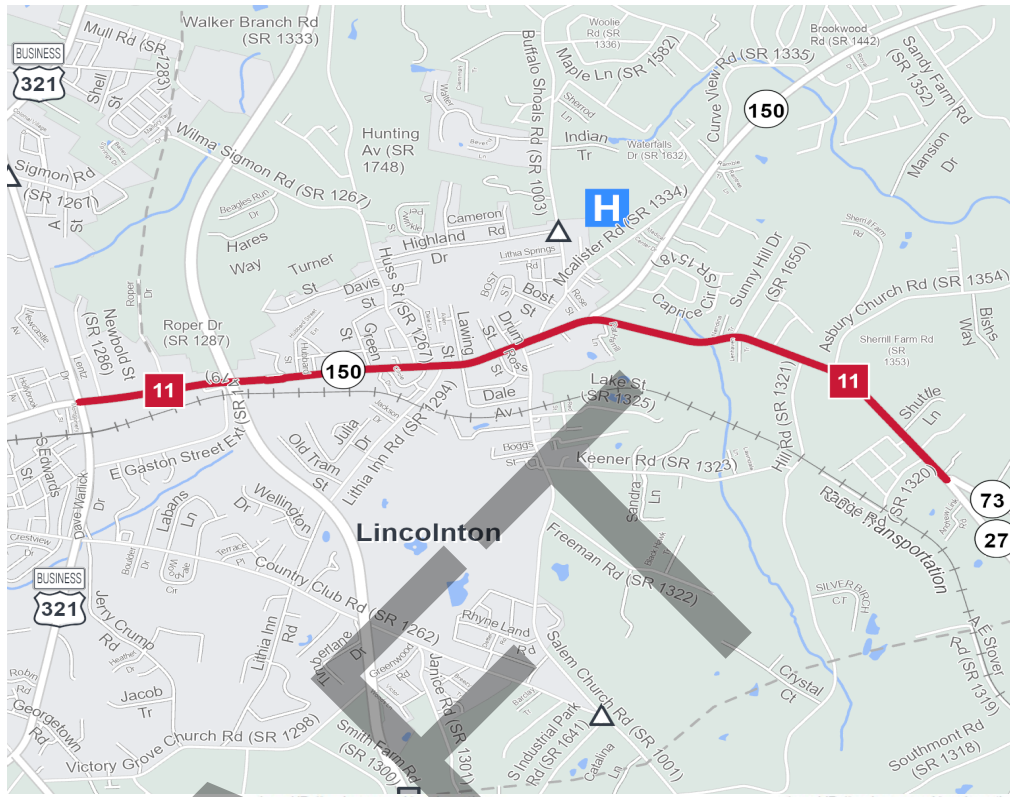
Improvement: Improve Existing

Identified Need

NC 27 is currently near or over capacity from US 321 to NC 73.

Recommendation

Improve NC 27 to a 4-lane facility with median from US 321 BUS to NC 150 and to a 3-lane facility from NC 150 to NC 73. This also includes bicycle and pedestrian facility recommendations.



Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Major Thoroughfare 2-lane
Typical Section	04 B, 03 D
Section Options	03 C
Length (miles)	3.80
Existing ROW (feet)	60-90
Safety Risk Score	100

Proposal Data: 2022 Base Year 2055 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane
Travel Lanes	2-5	2-5	3-4
Volume (vpd)	15000-30000	18800-37700	13400-33900
Capacity (vpd)	12700-27600	12700-27600	13800-27600

Capacity Data: Year

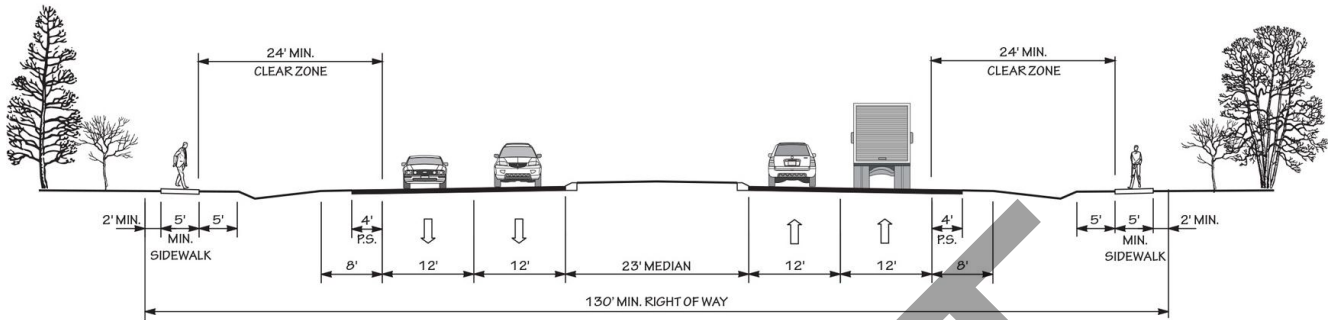
Facility will be Approaching Capacity (>80%)	2023
Facility will be Over Capacity (>=100%)	2023



Typical Section Options:

TYPICAL SECTION No. 4B

03 C
4 LANE DIVIDED (23' RAISED MEDIAN) WITH PAVED SHOULDERS AND SIDEWALKS



POSTED SPEED 35-55 MPH

Project History/Linkage to Other Plans

Improvements to NC 150 were listed in the 2024-2033 STIP as U-6140. Access management and intersection improvements were recommended, including the construction of a northbound turn lane from Lithina Inn Rd (SR 1294) to NC 27 and the widening of Bridge #540042 over Seaboard Railroad. The project was funded for Preliminary Engineering only. The project is no longer in the 2026-2035 STIP. This recommendation is also included in the 2055 Gaston-Cleveland-Lincoln MPO Metropolitan Transportation Plan and the Gaston-Cleveland-Lincoln MPO CTP that was amended in 2020.

CTP Goal Analysis

The aim of the Cleveland and Lincoln County CTP is to support a multimodal transportation network that seamlessly moves people and goods, connecting users to economic and social opportunities while ensuring safety, reliability, accessibility, and environmental preservation. This recommendation aims to enhance reliability and accessibility by improving mobility.

Public Engagement

During the first round of public engagement, 25 survey comments highlighted congestion issues from US 321 to NC 150 and 9 comments noted the section of road as a high crash location. In the draft recommendation survey, with 30 responses, 83% of respondents agreed with the project.

Impacts to Natural and/or Human Environment

All environmental data in the database was considered. This Project is within 150 feet of:

- 1 Wetland Feature(s)
- 1 River And Stream Feature(s)

- 1 Target Local Watershed Feature(s)
- 1 Water Supply Watershed Feature(s)

Title VI Considerations

This recommendation passes through one or more Census Blocks with the following characteristics:

- Between 25% and 50% identify as African American
- Between 5% and 15% identify as Asian
- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 25% and 50% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- Between 5% and 15% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 15% and 20% identify as Some Other Race
- Between 20% and 100% identify as Two of More Races
- Between 25% and 50% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

Other Information

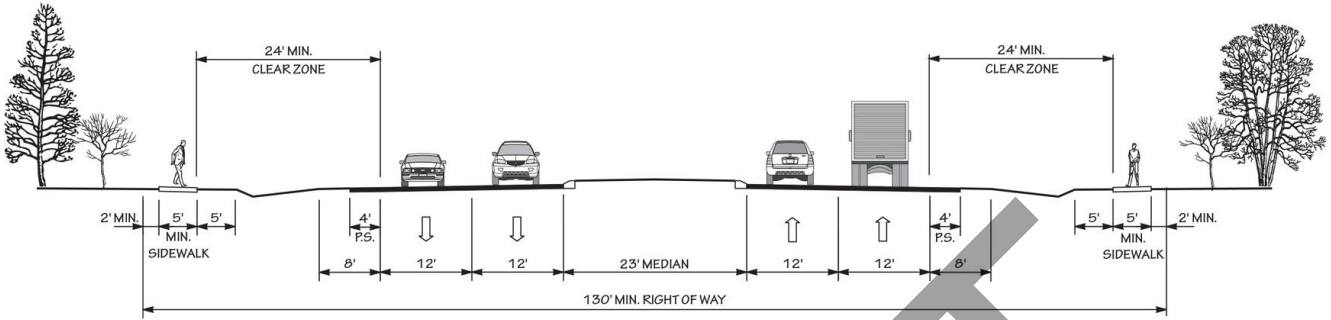
Crash Data

Between January 2019 and December 2023, crash data

Typical Section Options:
03 C

TYPICAL SECTION No. 4B

4 LANE DIVIDED (23' RAISED MEDIAN) WITH PAVED SHOULDERS AND SIDEWALKS



POSTED SPEED 35-55 MPH

analysis shows a total of 993 crashes on this section of NC 27. 15 crashes involved fatalities, 200 had injuries, and 778 had property damage only.

Truck Traffic

Based on 2023 traffic data, percent truck traffic on this section of NC 27 is approximately 4.1%

DRAFT

US 321 BUS

From Cochrane Rd (SR 1266) to Bethel Church Rd (SR 1262)

Local ID: LINC20001-H

Purpose: Access

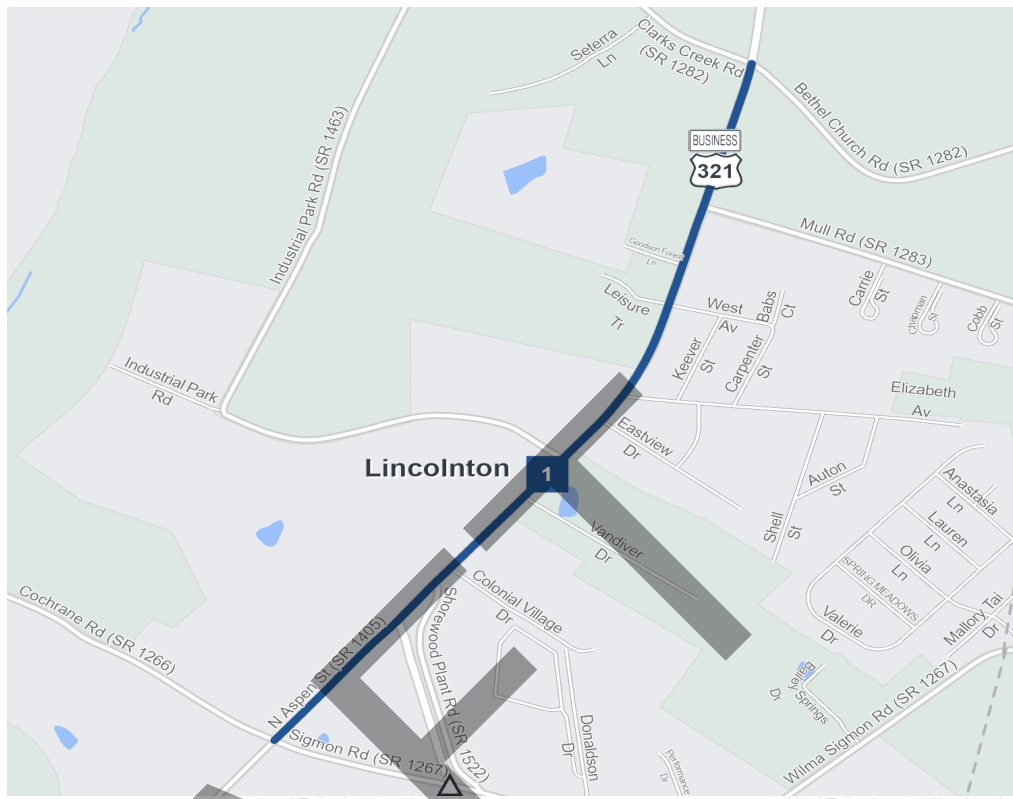
Improvement: Improve Existing

Identified Need

US 321 BUS is an important North-South corridor across Lincoln County. Traffic is hindered by access points between Cochrane Rd and Bethel Church Rd. Sections of US 321 BUS between Cochrane Rd to Bethel Church Rd are currently over capacity or expected to be by 2055.

Recommendation

Consolidate driveways and access points along US 321 BUS from Cochrane Rd (SR 1266) to Bethel Church Rd (SR 1262) to address mobility by improving traffic operations. This also includes multimodal recommendations.



Proposal At A Glance

Highway Class	Access Management & Operation
Facility Type	Major Thoroughfare 2-lane
Typical Section	03 B
Section Options	03 D
Length (miles)	1.00
Existing ROW (feet)	40-80
Safety Risk Score	100

Proposal Data: 2022 Base Year 2055 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane
Travel Lanes	2	2	2
Volume (vpd)	8700-13500	11200-16600	7800-12700
Capacity (vpd)	11800-16000	11800-16000	13300-16000

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2023
Facility will be Over Capacity (>=100%)	2023

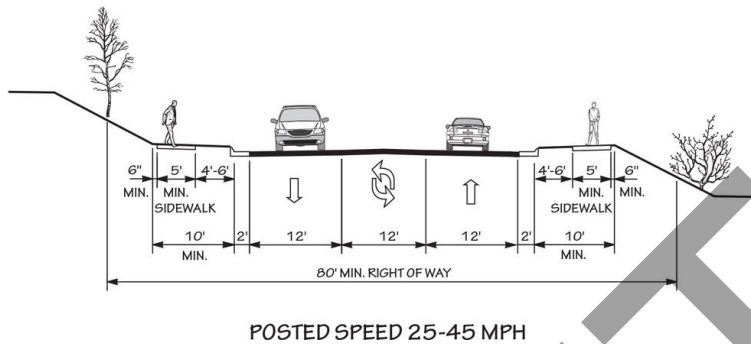


Typical Section Options:

TYPICAL SECTION No. 3B

03 D

2 LANE WITH TWO WAY LEFT TURN LANE, CURB & GUTTER, AND SIDEWALKS



Project History/Linkage to Other Plans

This recommendation is included in the Gaston-Cleveland-Lincoln MPO Comprehensive Transportation Plan that was amended in 2020.

CTP Goal Analysis

The aim of the Cleveland and Lincoln County CTP is to support a multimodal transportation network that seamlessly moves people and goods, connecting users to economic and social opportunities while ensuring safety, reliability, accessibility, and environmental preservation. This recommendation aims to enhance reliability and accessibility by improving mobility.

Public Engagement

During the first round of public engagement, 7 survey comments highlighted congestion from Cochrane Rd (SR 1266) to Bethel Church Rd (SR 1262). In the draft recommendation survey, with 113 responses, 62% of respondents agreed with the project.

Impacts to Natural and/or Human Environment

All environmental data in the database was considered. This Project is within 150 feet of:

- 1 Wetland Feature(s)
- 1 Lake And Pond Feature(s)
- 1 Target Local Watershed Feature(s)
- 1 Water Supply Watershed Feature(s)

Title VI Considerations

This recommendation passes through one or more Census Blocks with the following characteristics:

- Between 0% and 25% identify as African American
- Between 0% and 5% identify as Asian

- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- Between 0% and 5% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- Between 0% and 5% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- 0% identify as Native American
- Between 5% and 10% identify as Some Other Race
- Between 15% and 20% identify as Two of More Races
- Between 15% and 25% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

Other Information

Crash Data

Between January 2019 and December 2023, crash data analysis shows a total of 72 crashes on this section of US 321 BUS. 4 crashes involved fatalities, 17 had injuries, and 51 had property damage only.

Truck Traffic

Based on 2023 traffic data, percent truck traffic on this section of US 321 BUS is approximately 1.3%.

US 321 BUS

From N Aspen St (SR 1405) to NC 27/ NC 150

Local ID: LINC20002-H

Purpose: Access

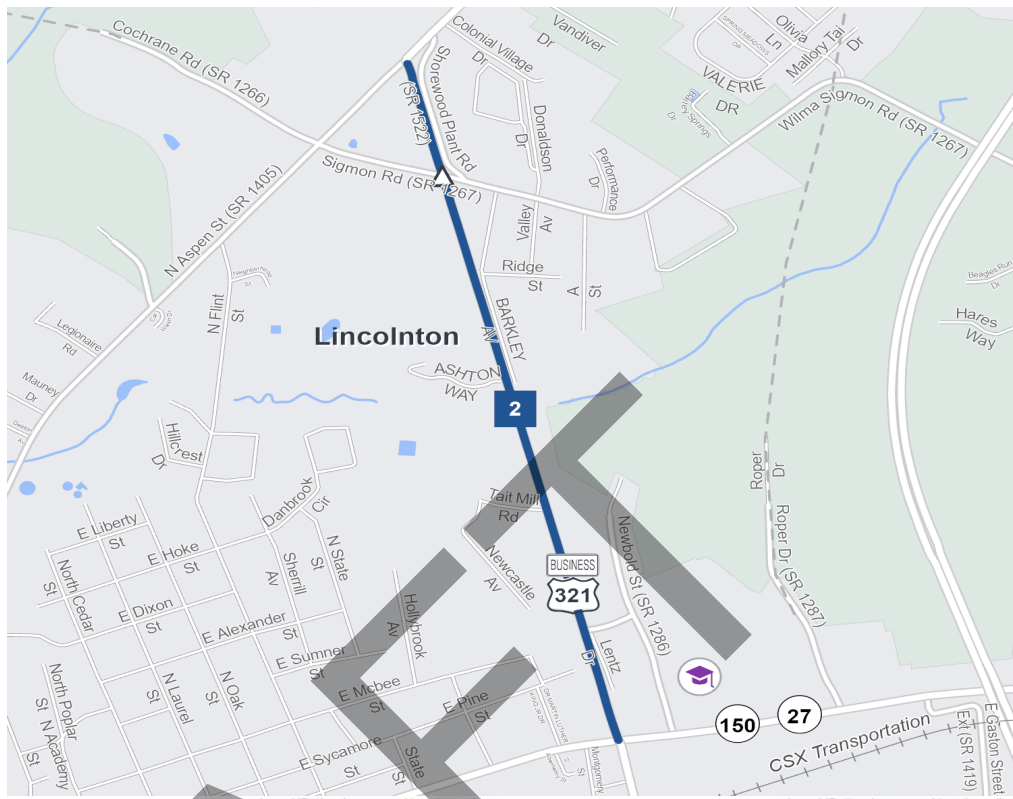
Improvement: Improve Existing

Identified Need

US 321 BUS is an important North-South corridor across Lincoln County. Traffic is hindered by access points between N Aspen St and NC 27. US 321 BUS between N Aspen St (SR 1405) to NC 27/ NC 150 is expected to be over capacity by 2055.

Recommendation

Consolidate driveways and access points along US 321 BUS from N Aspen St (SR 1405) to NC 27/ NC 150 and improve the intersection at Sigmon Rd (SR 1267) to address mobility by improving traffic operations. This also includes a pedestrian facility recommendation from N Aspen St to NC 27.



Proposal At A Glance

Highway Class	Access Management & Operation
Facility Type	Major Thoroughfare 2-lane
Typical Section	03 B
Section Options	-
Length (miles)	1.30
Existing ROW (feet)	60-150
Safety Risk Score	100

Proposal Data: 2022 Base Year 2055 Future Year

Improved Route	2022 Base Year		2055 Future Year	
	Existing	Without Proposal	With Proposal	
Facility Type	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	
Travel Lanes	2	2	2	
Volume (vpd)	8700-14000	9100-15800	4700-14100	
Capacity (vpd)	12900-13300	12900-13300	13300	

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2023
Facility will be Over Capacity (>=100%)	2023

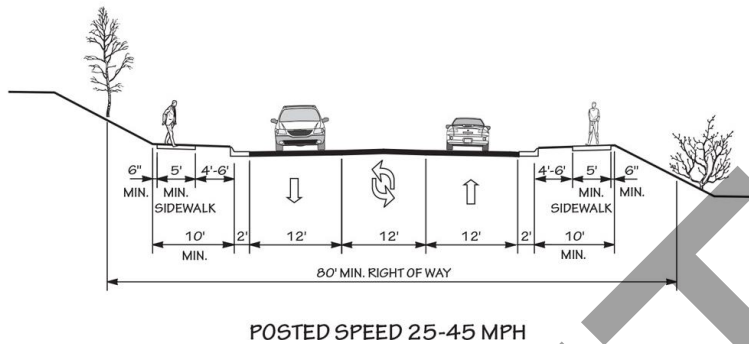


Typical Section Options:

None

TYPICAL SECTION No. 3B

2 LANE WITH TWO WAY LEFT TURN LANE, CURB & GUTTER, AND SIDEWALKS



Project History/Linkage to Other Plans

This recommendation is included in the Gaston-Cleveland-Lincoln MPO Comprehensive Transportation Plan that was amended in 2020.

CTP Goal Analysis

The aim of the Cleveland and Lincoln County CTP is to support a multimodal transportation network that seamlessly moves people and goods, connecting users to economic and social opportunities while ensuring safety, reliability, accessibility, and environmental preservation. This recommendation aims to enhance reliability and accessibility by improving mobility.

Public Engagement

During the first round of public engagement, 3 survey comments highlighted congestion from Sigmon Rd (SR 1267) to NC 27/ NC 150. In the draft recommendation survey, with 27 responses, 82% of respondents agreed with the project.

Impacts to Natural and/or Human Environment

All environmental data in the database was considered. This Project is within 150 feet of:

- 10 Flood Hazard Area Feature(s)
- 1 Hazard Substance Disposal Site(s)
- 3 Wetland Feature(s)
- 1 River And Stream Feature(s)
- 1 Target Local Watershed Feature(s)
- 1 Water Supply Watershed Feature(s)

Title VI Considerations

This recommendation passes through one or more Census Blocks with the following characteristics:

- Between 25% and 50% identify as African American
- Between 0% and 5% identify as Asian
- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 25% and 50% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- Between 0% and 5% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- Between 5% and 15% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 15% and 20% identify as Some Other Race
- Between 20% and 100% identify as Two of More Races
- Between 25% and 50% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

Other Information

Crash Data

Between January 2019 and December 2023, crash data analysis shows a total of 248 crashes on this section of US 321 BUS. 3 crashes involved fatalities, 50 had injuries, and 195 had property damage only.

Truck Traffic

Based on 2023 traffic data, percent truck traffic on this section of US 321 BUS is approximately 1.3%.

US 321 BUS

From Bethel Church Rd (SR 1282) to Springs East Rd (SR 1342)

Local ID: LINC20003-H

Purpose: Congestion

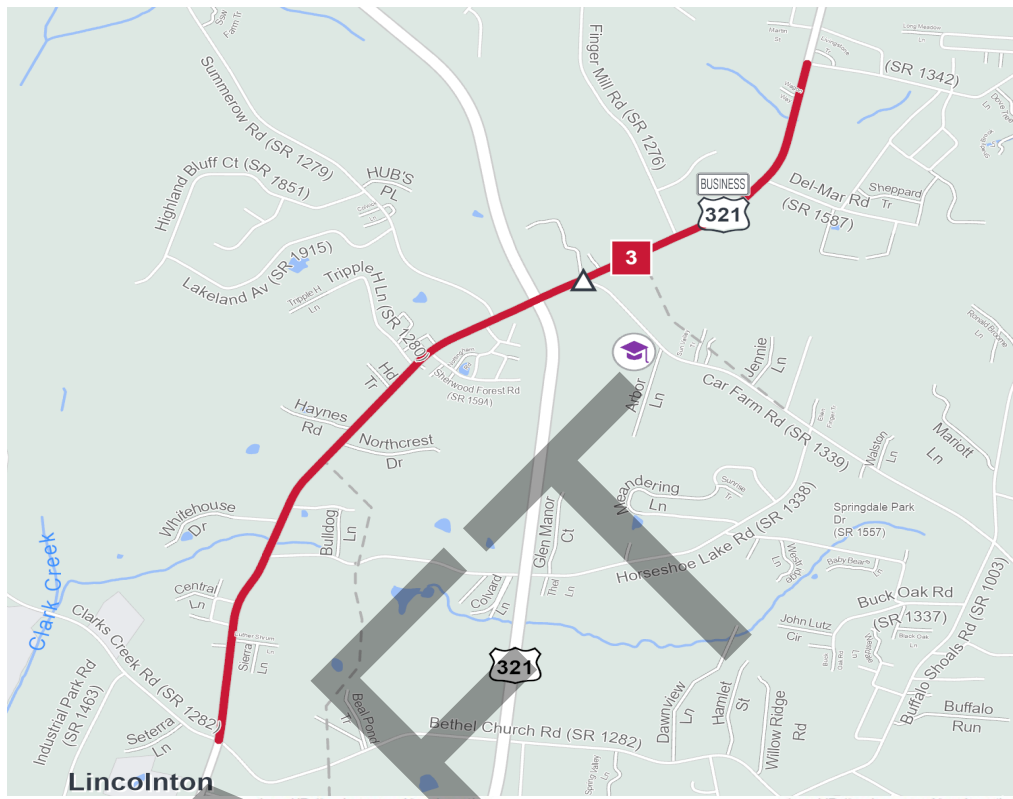
Improvement: Widening

Identified Need

US 321 BUS is an important North-South corridor across Lincoln County. It is an area of expected industrial growth. US 321 BUS is expected to be near or over capacity from Bethel Church Rd to Wilma Sigmon Rd and from Summerow Rd to Finger Mill Rd by 2055.

Recommendation

Widen US 321 BUS to a 4-lane facility with median from Bethel Church Rd (SR 1282) to Springs East Rd (SR 1342) and improve the intersection of US 321 and Car Farm Rd to reduce congestion and improve mobility and reliability. This project includes multiuse facilities from Clarks Creek Rd to Springs East Rd.



Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Major Thoroughfare Multi-lane
Typical Section	04 H
Section Options	04 D
Length (miles)	3.20
Existing ROW (feet)	60-300
Safety Risk Score	33

Proposal Data: 2022 Base Year 2055 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare Multi-lane
Travel Lanes	2	2	4
Volume (vpd)	7100-15500	8100-20400	8100-20400
Capacity (vpd)	13600-14600	13600-14600	29300

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2023
Facility will be Over Capacity (>=100%)	2023

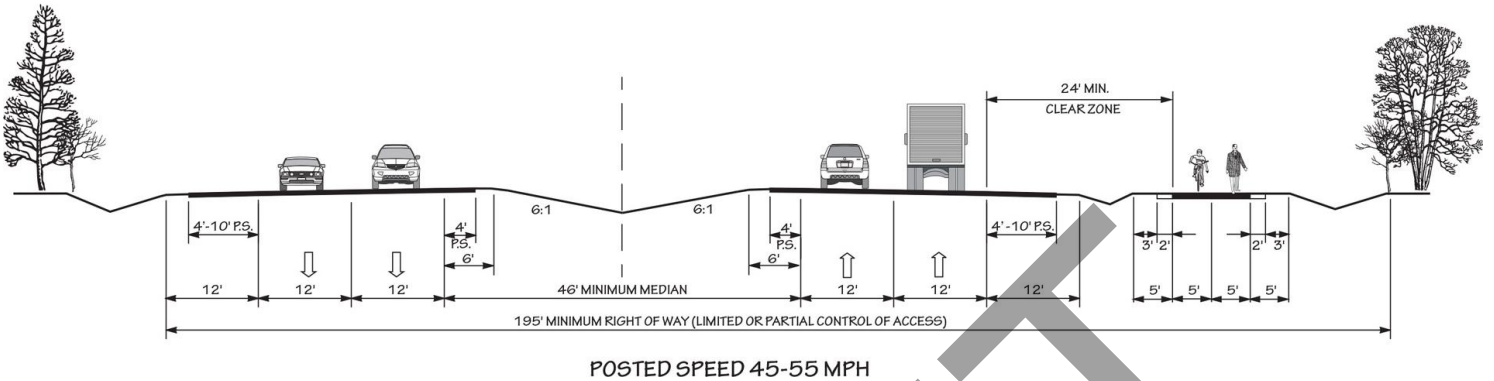


Typical Section Options:

04 D

TYPICAL SECTION No. 4H

4 LANE DIVIDED (46' DEPRESSED MEDIAN)
WITH PAVED SHOULDERS AND SIDEPATH



Project History/Linkage to Other Plans

This recommendation is included in the 2055 Gaston-Cleveland-Lincoln MPO Metropolitan Transportation Plan and the Gaston-Cleveland-Lincoln MPO Comprehensive Transportation Plan that was amended in 2020.

CTP Goal Analysis

The aim of the Cleveland and Lincoln County CTP is to support a multimodal transportation network that seamlessly moves people and goods, connecting users to economic and social opportunities while ensuring safety, reliability, accessibility, and environmental preservation. This recommendation aims to enhance reliability and accessibility by improving mobility.

Public Engagement

During the first round of public engagement, 10 survey comments highlighted congestion from Finger Mill Rd to US 321. In the draft recommendation survey, with 52 responses, 83% of respondents agreed with the project.

Impacts to Natural and/or Human Environment

All environmental data in the database was considered. This Project is within 150 feet of:

- 3 Flood Hazard Area Feature(s)
- 5 Wetland Feature(s)
- 4 River And Stream Feature(s)
- 1 Lake And Pond Feature(s)
- 1 Target Local Watershed Feature(s)

Title VI Considerations

This recommendation passes through one or more Census Blocks with the following characteristics:

- Between 25% and 50% identify as African American
- Between 0% and 5% identify as Asian

- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- Between 5% and 15% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- 0% identify as Native American
- Between 1% and 5% identify as Some Other Race
- Between 15% and 20% identify as Two of More Races
- Between 25% and 50% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

Other Information

Truck Traffic

Based on 2023 traffic data, percent truck traffic on this section of US 321 BUS is approximately 4.8%.

US 321 BUS

From NC 27 to NC 150

Local ID: LINC20004-H

Purpose: Congestion

Improvement: Widening

Identified Need

US 321 BUS is currently over capacity from NC 27 to NC 150 and is expected to continue to be in 2055.

Recommendation

Widen to a 4-lane facility with median from NC 27 to NC 150 to reduce congestion and improve mobility. This project includes multimodal facility recommendations from NC 27 to NC 150.



Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Major Thoroughfare Multi-lane
Typical Section	04 H
Section Options	04 D
Length (miles)	1.60
Existing ROW (feet)	150
Safety Risk Score	100

Proposal Data: 2022 Base Year 2055 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare Multi-lane
Travel Lanes	2	2	4
Volume (vpd)	13000-14500	14400-15800	11500-16500
Capacity (vpd)	10700-12200	10700-12200	22200-26700

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2023
Facility will be Over Capacity (>=100%)	2023

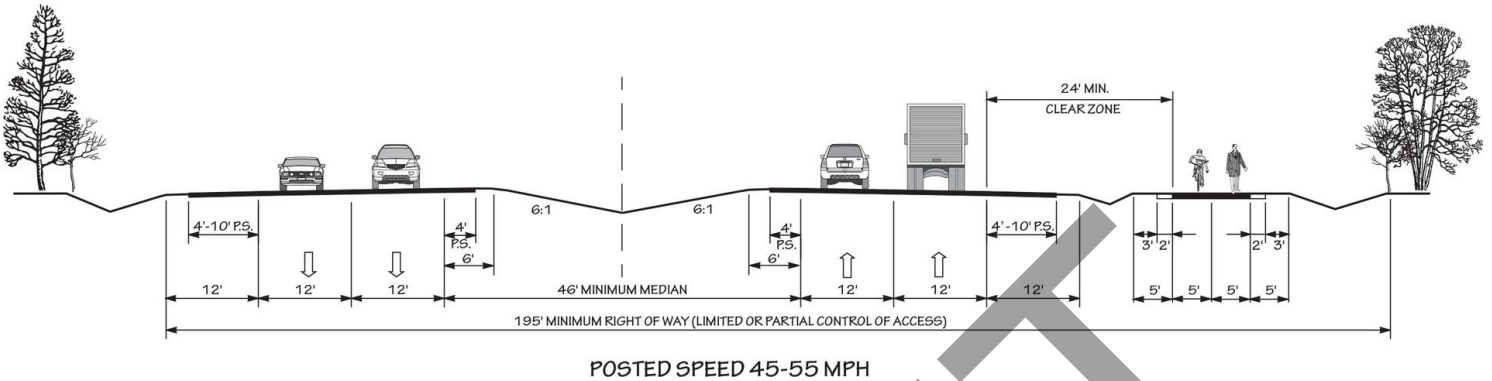


Typical Section Options:

04 D

TYPICAL SECTION No. 4H

4 LANE DIVIDED (46' DEPRESSED MEDIAN)
WITH PAVED SHOULDERS AND SIDEPATH



Project History/Linkage to Other Plans

This recommendation is included in the 2055 Gaston-Cleveland-Lincoln MPO Metropolitan Transportation Plan. It was recommended to widen to multi-lanes from NC 27 to NC 150. This project was also in the Gaston-Cleveland-Lincoln MPO Comprehensive Transportation Plan that was amended in 2020.

CTP Goal Analysis

The aim of the Cleveland and Lincoln County CTP is to support a multimodal transportation network that seamlessly moves people and goods, connecting users to economic and social opportunities while ensuring safety, reliability, accessibility, and environmental preservation. This recommendation aims to enhance reliability and accessibility by improving mobility.

Public Engagement

In the draft recommendation survey, with 30 responses, 80% of respondents agreed with the project.

Impacts to Natural and/or Human Environment

All environmental data in the database was considered. This Project is within 150 feet of:

- 11 Flood Hazard Area Feature(s)
- 5 Wetland Feature(s)
- 5 River And Stream Feature(s)
- 1 Target Local Watershed Feature(s)
- 1 Water Supply Watershed Feature(s)

Title VI Considerations

This recommendation passes through one or more Census Blocks with the following characteristics:

- Between 25% and 50% identify as African American
- Between 0% and 5% identify as Asian
- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 25% and 50% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- Between 5% and 15% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 15% and 20% identify as Some Other Race
- Between 20% and 100% identify as Two of More Races
- Between 15% and 25% identify as Below Poverty Line
- Between 15% and 20% identify as Households with No Car

Other Information

Crash Data

Between January 2019 and December 2023, crash data analysis shows a total of 104 crashes on this section of US 321 BUS. 2 crashes involved fatalities, 24 had injuries, and 78 had property damage only.

Truck Traffic

Based on 2023 traffic data, percent truck traffic on this section of US 321 BUS is approximately 3.2%.

NC 150

From US 321 BUS to W Old NC 150 Hwy

Local ID: LINC30001-H

Purpose: Congestion

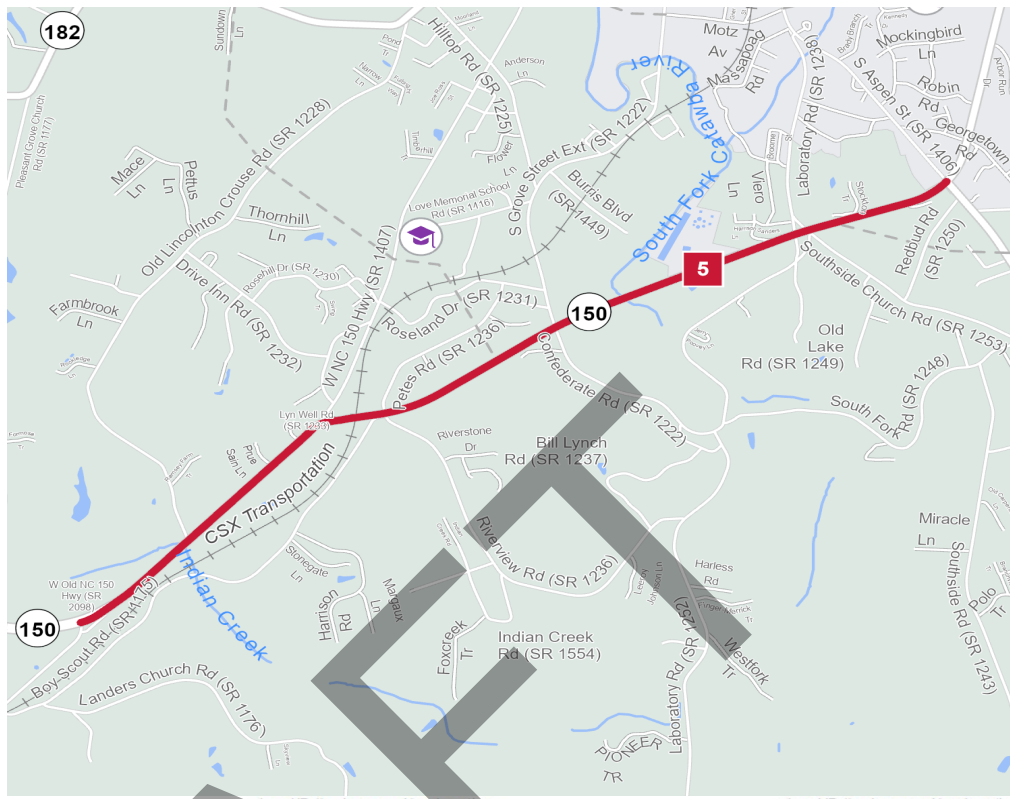
Improvement: Widening

Identified Need

NC 150 is currently near or over capacity from US 321 BUS to Southside Church Rd (SR 1253) and is expected to be near or over capacity in 2055 from US 321 BUS to Old NC 150 Hwy.

Recommendation

Widen to a 4-lane facility with median from US 321 BUS to W Old NC 150 Hwy to reduce congestion and improve mobility. This project includes multimodal facility recommendations from South Fork River Rail Trail Connector to the NC 150 Bypass.



Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Major Thoroughfare Multi-lane
Typical Section	04 H
Section Options	04 D
Length (miles)	3.70
Existing ROW (feet)	120-150
Safety Risk Score	100

Proposal Data: 2022 Base Year 2055 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare Multi-lane
Travel Lanes	2	4	4
Volume (vpd)	8800-12000	9900-13800	13300-27600
Capacity (vpd)	12500-14600	12500-14600	25800-30200

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2023
Facility will be Over Capacity (>=100%)	2030

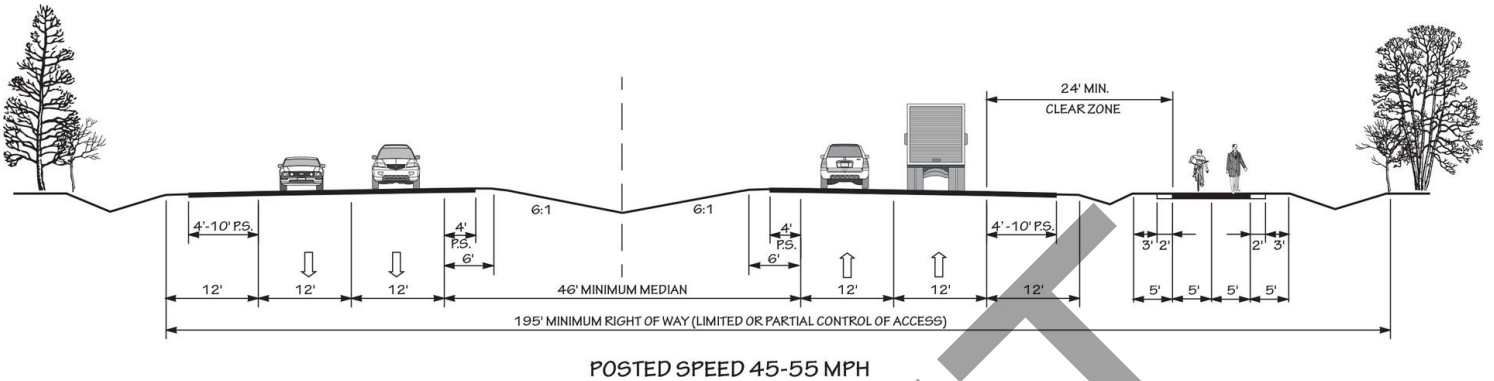


Typical Section Options:

04 D

TYPICAL SECTION No. 4H

4 LANE DIVIDED (46' DEPRESSED MEDIAN)
WITH PAVED SHOULDERS AND SIDEPATH



Project History/Linkage to Other Plans

Improvements to NC 150 were listed in the 2024-2033 STIP. The project is no longer in the 2026-2035 STIP. This recommendation is also included in the 2055 Gaston-Cleveland-Lincoln MPO Metropolitan Transportation Plan as a widen to multi-lanes recommendation and in the Gaston-Cleveland-Lincoln MPO Comprehensive Transportation Plan that was amended in 2020.

CTP Goal Analysis

The aim of the Cleveland and Lincoln County CTP is to support a multimodal transportation network that seamlessly moves people and goods, connecting users to economic and social opportunities while ensuring safety, reliability, accessibility, and environmental preservation. This recommendation aims to enhance reliability and accessibility by improving mobility.

Public Engagement

During the first round of public engagement, 4 survey comments highlighted congestion issues from NC 27 to Gaston County and 3 comments noted the section of road as a high crash location. In the draft recommendation survey, with 27 responses, 74% of respondents agreed with the project.

Impacts to Natural and/or Human Environment

All environmental data in the database was considered. This Project is within 150 feet of:

- 11 Flood Hazard Area Feature(s)
- 1 Hazard Substance Disposal Area Feature(s)
- 1 Impaired Waters Line Feature(s)
- 2 Major River Feature(s)
- 2 Managed Area Feature(s)
- 1 Natural Heritage Natural Area Feature(s)

- 3 Wetland Feature(s)
- 3 River And Stream Feature(s)
- 1 Protected Area Feature(s)
- 1 Quality Monitored River And Stream Feature(s)
- 1 Target Local Watershed Feature(s)
- 1 Water Supply Watershed Feature(s)

Title VI Considerations

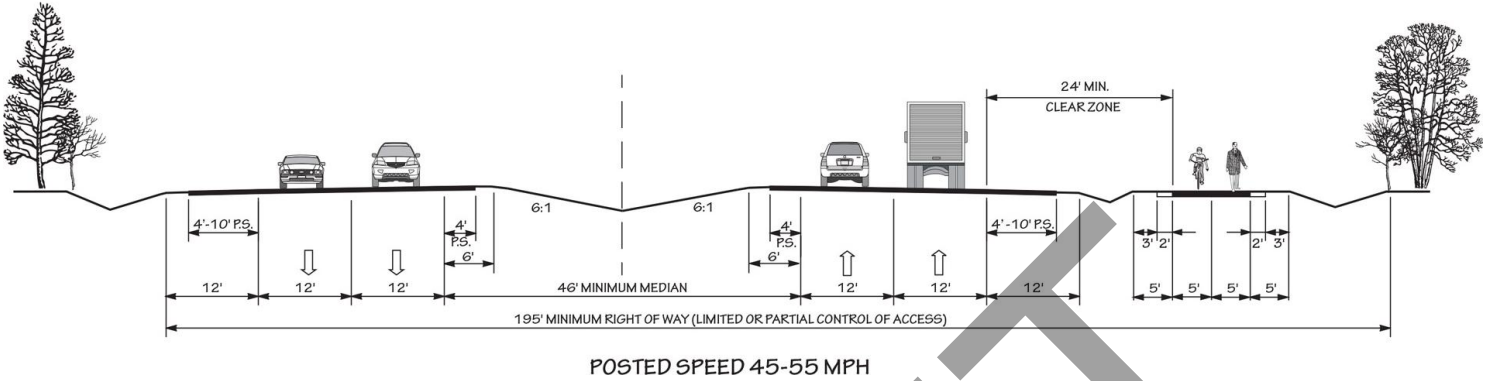
This recommendation passes through one or more Census Blocks with the following characteristics:

- Between 0% and 25% identify as African American
- Between 0% and 5% identify as Asian
- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 25% and 50% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- Between 5% and 15% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- 0% identify as Native American
- Between 5% and 10% identify as Some Other Race
- Between 20% and 100% identify as Two of More Races
- Between 5% and 15% identify as Below Poverty Line

Typical Section Options:
04 D

TYPICAL SECTION No. 4H

4 LANE DIVIDED (46' DEPRESSED MEDIAN)
WITH PAVED SHOULDERS AND SIDEPATH



- Between 15% and 20% identify as Households with No Car

Other Information

Crash Data

Between January 2019 and December 2023, crash data analysis shows a total of 128 crashes on this section of NC 150. 7 crashes involved fatalities, 39 had injuries, and 82 had property damage only.

Truck Traffic

Based on 2023 traffic data, percent truck traffic on this section of NC 150 is approximately 3.1%.

DRAFT

NC 150

From NC 27 to Catawba County Line

Local ID: LINC30002-H

Purpose: Congestion

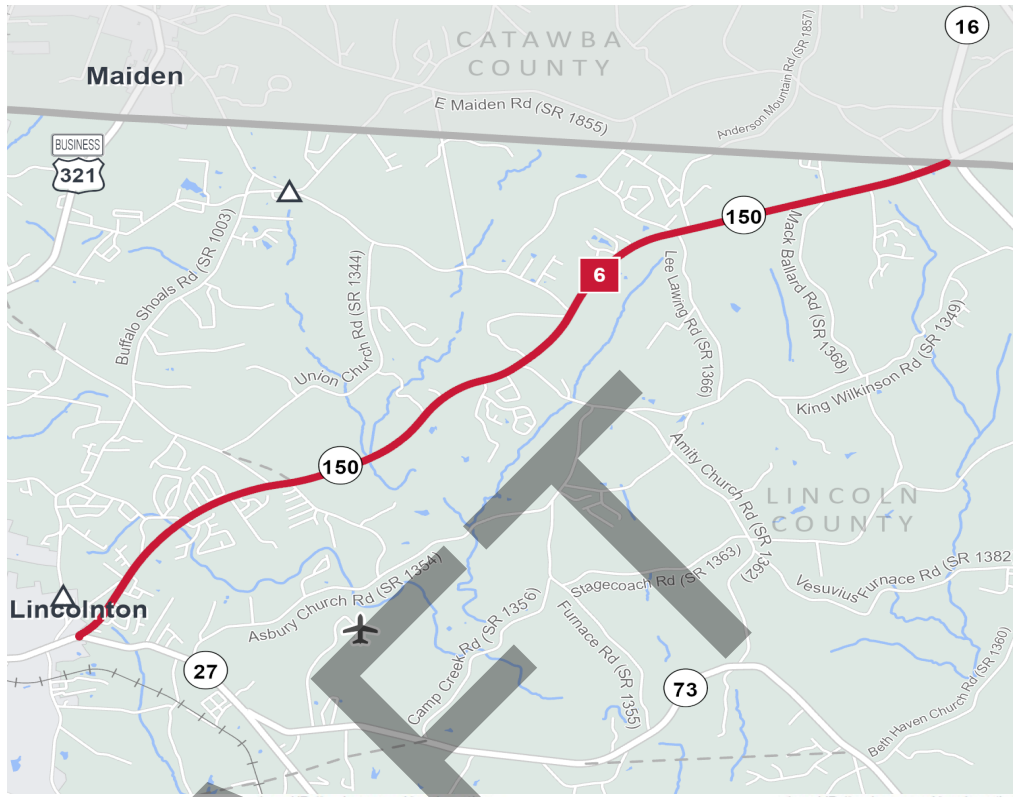
Improvement: Widening

Identified Need

NC 150 is projected to be near capacity from NC 27 to Old Mill Rd by 2055.

Recommendation

Widen to a 4-lane facility with median from NC 27 to Catawba County Line to relieve congestion and improve mobility. This recommendation includes a multilane path.



Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Major Thoroughfare Multi-lane
Typical Section	04 H
Section Options	-
Length (miles)	9.00
Existing ROW (feet)	60-100
Safety Risk Score	100

Proposal Data: 2022 Base Year 2055 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare Multi-lane
Travel Lanes	2	2	4
Volume (vpd)	9400-10000	10900-12400	19800-33200
Capacity (vpd)	11800-15100	11800-15100	26700-30200

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2023
Facility will be Over Capacity (>=100%)	2023

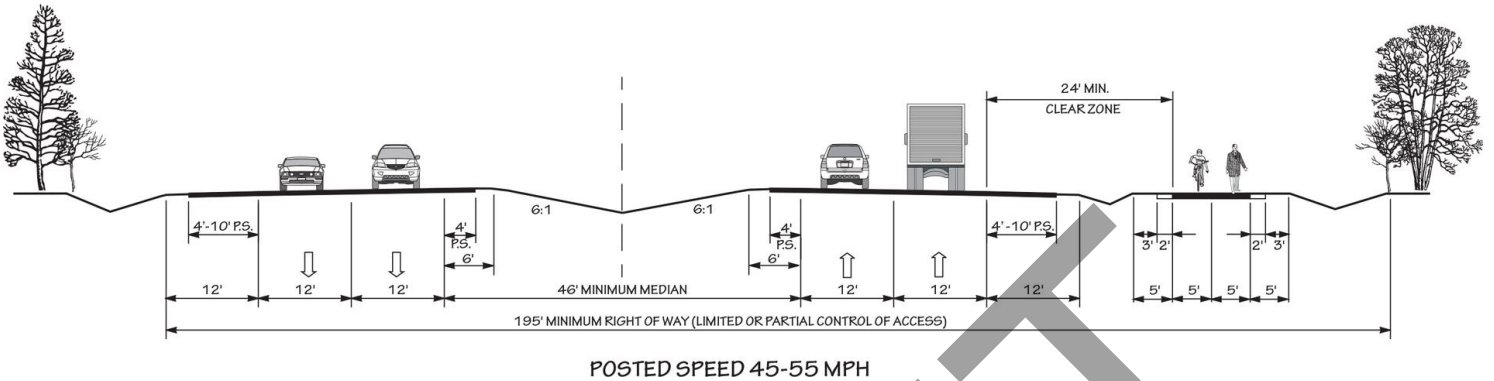


Typical Section Options:

None

TYPICAL SECTION No. 4H

4 LANE DIVIDED (46' DEPRESSED MEDIAN) WITH PAVED SHOULDERS AND SIDEPATH



Project History/Linkage to Other Plans

This recommendation is included in the Gaston-Cleveland-Lincoln MPO Comprehensive Transportation Plan that was amended in 2020.

CTP Goal Analysis

The aim of the Cleveland and Lincoln County CTP is to support a multimodal transportation network that seamlessly moves people and goods, connecting users to economic and social opportunities while ensuring safety, reliability, accessibility, and environmental preservation. This recommendation aims to enhance mobility, connectivity, and reliability.

Public Engagement

In the draft recommendation survey, with 64 responses, 88% of respondents agreed with the project.

Impacts to Natural and/or Human Environment

All environmental data in the database was considered. This Project is within 150 feet of:

- 4 Flood Hazard Area Feature(s)
- 1 Hazardous Waste Facility(s)
- 2 Impaired Waters Line Feature(s)
- 2 Major River Feature(s)
- 2 Natural Heritage Natural Area Feature(s)
- 12 Wetland Feature(s)
- 11 River And Stream Feature(s)
- 1 Lake And Pond Feature(s)
- 2 Quality Monitored River And Stream Feature(s)

Title VI Considerations

This recommendation passes through one or more Census Blocks with the following characteristics:

- Between 0% and 25% identify as African American
- Between 5% and 15% identify as Asian
- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 15% and 25% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- Between 0% and 5% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 5% and 10% identify as Some Other Race
- Between 10% and 15% identify as Two of More Races
- Between 5% and 15% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

Other Information

Crash Data

Between January 2019 and December 2023, crash data analysis shows a total of 298 crashes on this section of NC 150. 5 crashes involved fatalities, 71 had injuries, and 222 had property damage only.

Truck Traffic

Based on 2023 traffic data, percent truck traffic on this section of NC 150 is approximately 4.3%.

NC 150 Bypass

From NC 150 to NC 73

Local ID: LINC30003-H

Purpose: Congestion

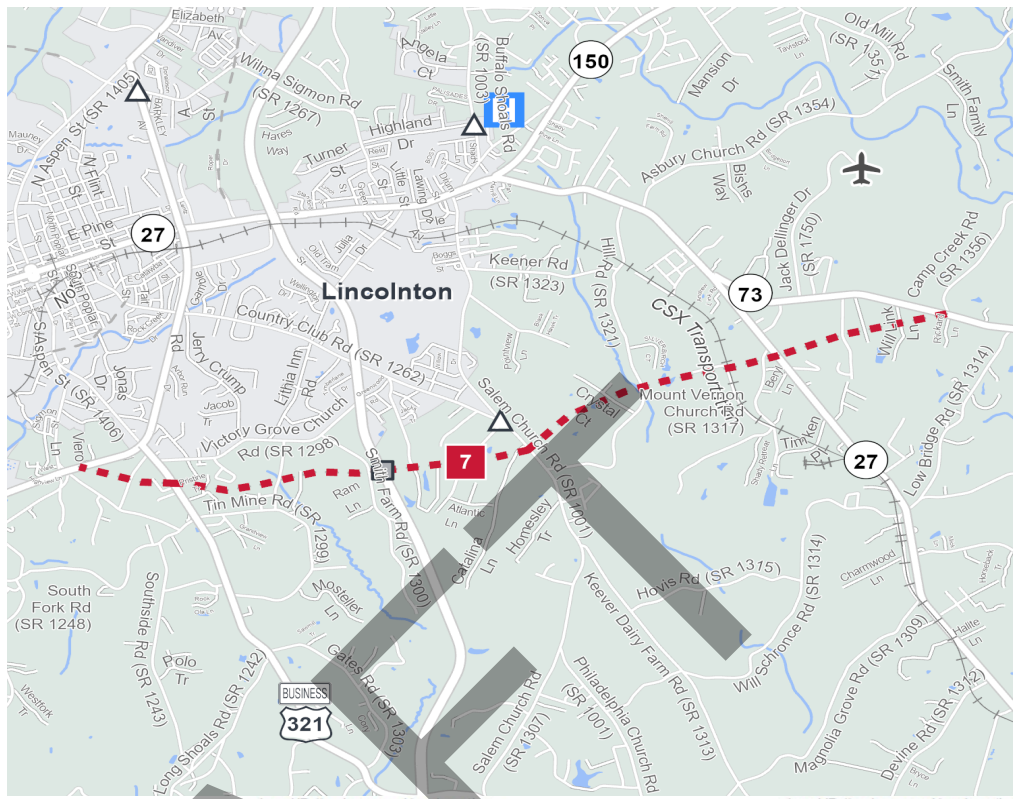
Improvement: New Location

Identified Need

NC 27 is the only major East-West corridor through Lincoln County. Sections of NC 27/NC 150 through Lincolnton are currently over capacity or expected to be by 2055.

Recommendation

Construct new 4-lane facility with median on new location from NC 150 to NC 73 to relieve congestion on existing NC 27/NC 150 and improve connectivity between NC 73 and NC 150 south of Lincolnton. This project includes a multiuse facility from NC 150 to NC 73.



Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Boulevard
Typical Section	04 H
Section Options	-
Length (miles)	5.90
Existing ROW (feet)	-
Safety Risk Score	-

Proposal Data: 2022 Base Year 2055 Future Year

	New Location	Existing	Without Proposal	With Proposal
Facility Type	-	-	-	Boulevard
Travel Lanes	-	-	-	4
Volume (vpd)	-	-	-	17600
Capacity (vpd)	-	-	-	36600

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	-
Facility will be Over Capacity (>=100%)	-

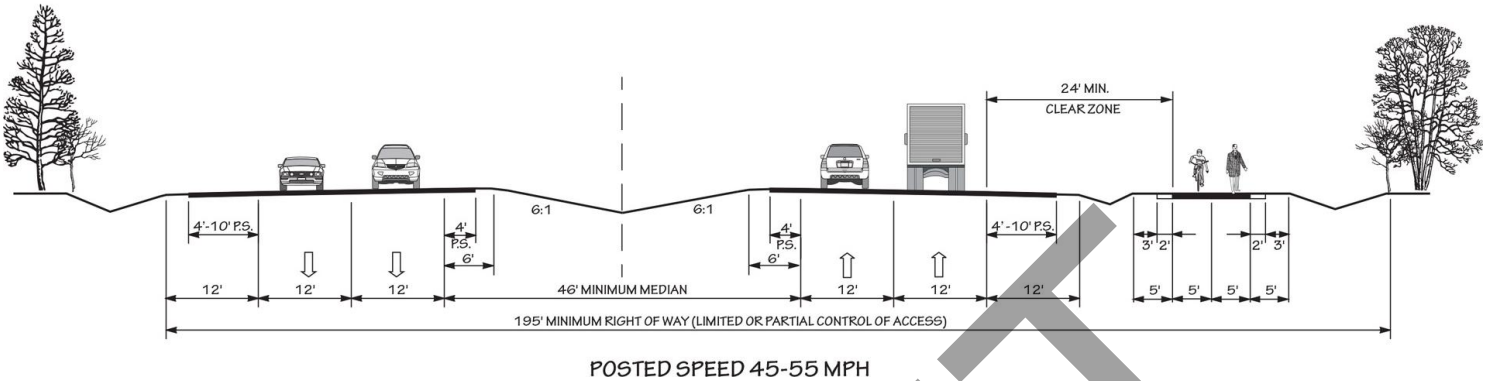


Typical Section Options:

None

TYPICAL SECTION No. 4H

4 LANE DIVIDED (46' DEPRESSED MEDIAN)
WITH PAVED SHOULDERS AND SIDEPATH



Project History/Linkage to Other Plans

This recommendation is included in the 2055 Gaston-Cleveland-Lincoln MPO Metropolitan Transportation Plan and the Gaston-Cleveland-Lincoln MPO Comprehensive Transportation Plan that was amended in 2020.

CTP Goal Analysis

The aim of the Cleveland and Lincoln County CTP is to support a multimodal transportation network that seamlessly moves people and goods, connecting users to economic and social opportunities while ensuring safety, reliability, accessibility, and environmental preservation. This recommendation aims to enhance mobility, connectivity, and reliability.

Public Engagement

In the draft recommendation survey, with 48 responses, 83% of respondents agreed with the project.

Impacts to Natural and/or Human Environment

All environmental data in the database was considered. This Project is within 150 feet of:

- 2 Flood Hazard Area Feature(s)
- 19 Wetland Feature(s)
- 20 River And Stream Feature(s)
- 4 Lake And Pond Feature(s)
- 2 Water Supply Watershed Feature(s)

Title VI Considerations

This recommendation passes through one or more Census Blocks with the following characteristics:

- Between 0% and 25% identify as African American
- Between 5% and 15% identify as Asian

- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 25% and 50% identify as Hispanic and Latino
- Between 0% and 5% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- Between 0% and 5% identify as Over 18 with Limited English Proficiency (LEP) - Other
- Between 5% and 15% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- 0% identify as Native American
- Between 1% and 5% identify as Some Other Race
- Between 20% and 100% identify as Two of More Races
- Between 5% and 15% identify as Below Poverty Line
- Between 15% and 20% identify as Households with No Car

NC 16 BUS

From Catawba County to NC 73

Local ID: LINC30005-H

Purpose: Congestion

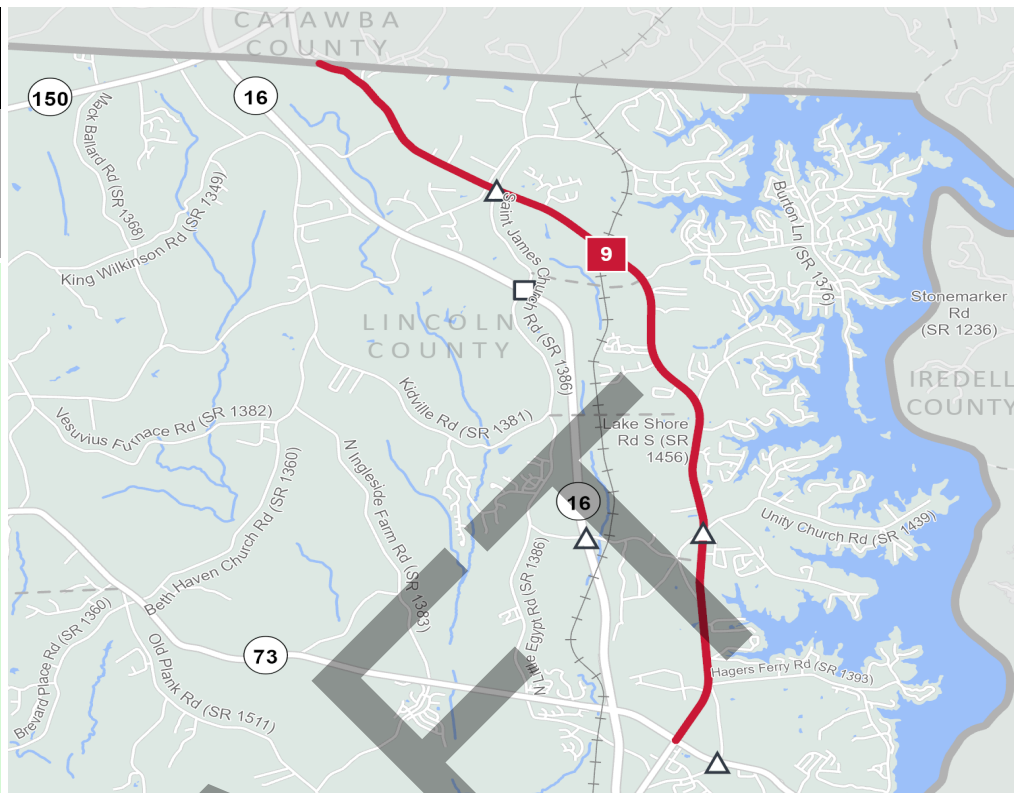
Improvement: Widening

Identified Need

NC 16 BUS provides an important North-South connection in eastern Lincoln County. NC 16 BUS is currently near or over capacity from Mundy Rd (1349) to NC 73.

Recommendation

Widen NC 16 BUS to a 4-lane facility with median from Catawba County to NC 73 and improve the intersection at Will Proctor St and Unity Church Rd to reduce congestion and improve mobility and reliability. This project includes a multiuse facility from Catawba County to NC 73.



Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Boulevard
Typical Section	04 H
Section Options	04 D
Length (miles)	9.10
Existing ROW (feet)	60-100
Safety Risk Score	89

Proposal Data: 2022 Base Year 2055 Future Year

Improved Route	2022 Base Year		2055 Future Year	
	Existing	Without Proposal	With Proposal	With Proposal
Facility Type	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Boulevard	Boulevard
Travel Lanes	2	2	4	4
Volume (vpd)	9100-24000	12300-28100	8000-35500	8000-35500
Capacity (vpd)	11210-16000	11210-16000	43600	43600

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2023
Facility will be Over Capacity (>=100%)	2023

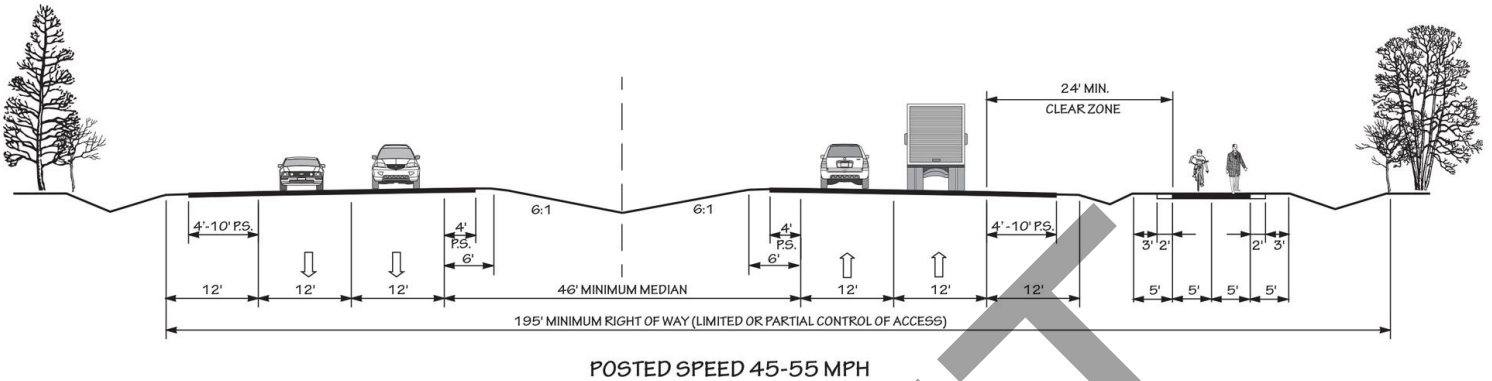


Typical Section Options:

04 D

TYPICAL SECTION No. 4H

4 LANE DIVIDED (46' DEPRESSED MEDIAN)
WITH PAVED SHOULDERS AND SIDEPATH



Project History/Linkage to Other Plans

Improvements to NC 16 BUS from Catawba County to NC 73 are included in the 2055 Gaston-Cleveland-Lincoln MPO Metropolitan Transportation Plan and the Gaston-Cleveland-Lincoln MPO Comprehensive Transportation Plan that was amended in 2020.

CTP Goal Analysis

The aim of the Cleveland and Lincoln County CTP is to support a multimodal transportation network that seamlessly moves people and goods, connecting users to economic and social opportunities while ensuring safety, reliability, accessibility, and environmental preservation. This recommendation aims to enhance reliability and mobility.

Public Engagement

During the first round of public engagement, 102 survey comments highlighted congestion issues from Catawba County to NC 73. In the draft recommendation survey, with 103 responses, 93% of respondents agreed with the project.

Impacts to Natural and/or Human Environment

All environmental data in the database was considered. This Project is within 150 feet of:

- 2 Managed Area Feature(s)
- 2 Wetland Feature(s)
- 2 River And Stream Feature(s)
- 2 Protected Area Feature(s)
- 3 Water Supply Watershed Feature(s)

Title VI Considerations

This recommendation passes through one or more Census Blocks with the following characteristics:

- Between 0% and 25% identify as African American
- Between 5% and 15% identify as Asian
- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- Between 0% and 5% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- Between 0% and 5% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 1% and 5% identify as Some Other Race
- Between 10% and 15% identify as Two of More Races
- Between 5% and 15% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

Other Information

Crash Data

Between January 2019 and December 2023, crash data analysis shows a total of 496 crashes on this section of NC 16 BUS. 2 crashes involved fatalities, 77 had injuries, and 417 had property damage only.

Truck Traffic

Based on 2023 traffic data, percent truck traffic on this section of NC 16 BUS is approximately 3.9%.

NC 27

From Rock Dam Rd (SR 1184) to S Grove St

Local ID: LINC30007-H

Purpose: Congestion

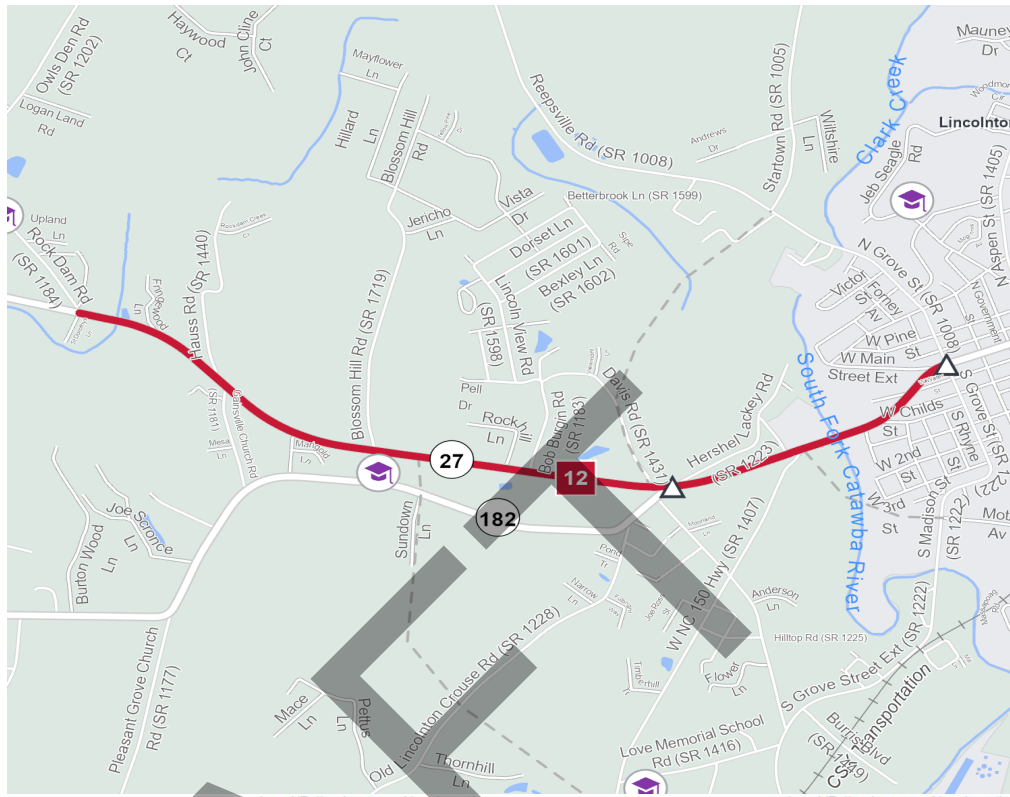
Improvement: Widening

Identified Need

NC 27 provides an important East-West connection in Lincoln County. NC 27 is currently near or over capacity from Hilltop Rd to Grove St.

Recommendation

Widen NC 27 to a 4-lane facility with median from Rock Dam Rd (SR 1184) to S Grove St and improve the intersections at S Grove St (SR 1222) and Hershel Lackey Rd (SR 1223) to relieve congestion and improve mobility. This project includes multimodal recommendations from Eagle Nest Rd (SR 1182) to Grove St.



Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Major Thoroughfare Multi-lane
Typical Section	04 H
Section Options	04 D
Length (miles)	2.80
Existing ROW (feet)	60
Safety Risk Score	100

Proposal Data: 2022 Base Year 2055 Future Year

Improved Route	2022 Base Year		2055 Future Year	
	Existing	Without Proposal	With Proposal	With Proposal
Facility Type	Major Thoroughfare 2-lane	Major Thoroughfare 2-lane	Major Thoroughfare Multi-lane	Major Thoroughfare Multi-lane
Travel Lanes	2	2	4	4
Volume (vpd)	7600-15500	8400-17400	13400-16900	13400-16900
Capacity (vpd)	10700-14100	10700-14100	22200-29300	22200-29300

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2023
Facility will be Over Capacity (>=100%)	2023

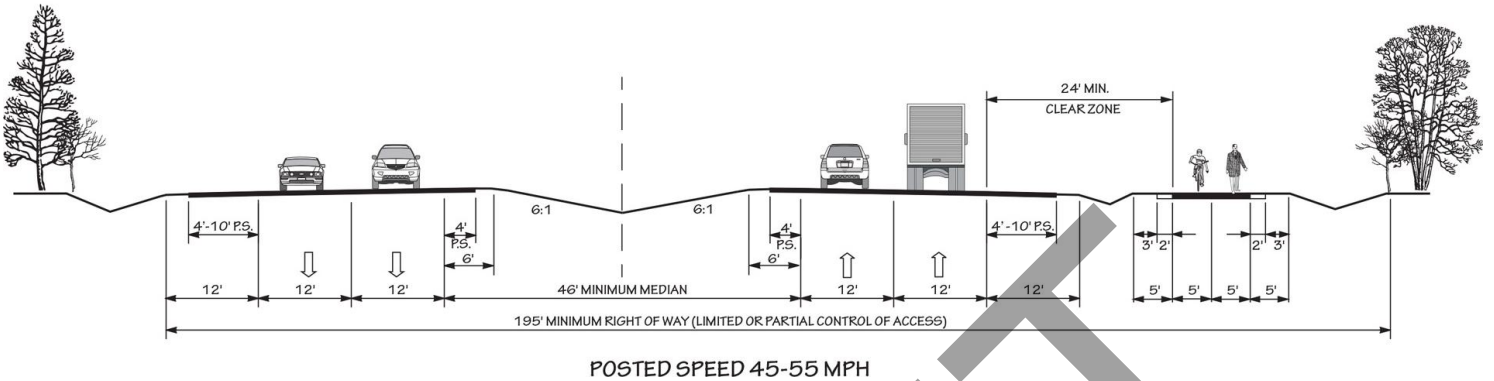


Typical Section Options:

04 D

TYPICAL SECTION No. 4H

4 LANE DIVIDED (46' DEPRESSED MEDIAN)
WITH PAVED SHOULDERS AND SIDEPATH



Project History/Linkage to Other Plans

This recommendation is included in the 2055 Gaston-Cleveland-Lincoln MPO Metropolitan Transportation Plan and the Gaston-Cleveland-Lincoln MPO CTP that was amended in 2020.

CTP Goal Analysis

The aim of the Cleveland and Lincoln County CTP is to support a multimodal transportation network that seamlessly moves people and goods, connecting users to economic and social opportunities while ensuring safety, reliability, accessibility, and environmental preservation. This recommendation aims to enhance reliability and mobility.

Public Engagement

During the first round of public engagement, 11 survey comments highlighted congestion issues from Rock Dam Rd (SR 1184) to Court Square and 5 comments noted the section of road as a high crash location. In the draft recommendation survey, with 32 responses, 59% of respondents agreed with the project.

Impacts to Natural and/or Human Environment

All environmental data in the database was considered. This Project is within 150 feet of:

- 6 Flood Hazard Area Feature(s)
- 1 Major River Feature(s)
- 5 Wetland Feature(s)
- 4 River And Stream Feature(s)
- 2 Lake And Pond Feature(s)
- 3 Target Local Watershed Feature(s)
- 1 Water Supply Watershed Feature(s)

Title VI Considerations

This recommendation passes through one or more Census Blocks with the following characteristics:

- Between 25% and 50% identify as African American
- Between 0% and 5% identify as Asian
- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 15% and 25% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- Between 0% and 5% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- 0% identify as Native American
- Between 10% and 15% identify as Some Other Race
- Between 10% and 15% identify as Two of More Races
- Between 25% and 50% identify as Below Poverty Line
- Between 20% and 50% identify as Households with No Car

Other Information

Crash Data

Between January 2019 and December 2023, crash data analysis shows a total of 125 crashes on this section of NC 27. 5 crashes involved fatalities, 29 had injuries, and 91 had property damage only.

Truck Traffic

Based on 2023 traffic data, percent truck traffic on this section of NC 27 is approximately 2.4%.

Campground Rd (SR 1373)

From NC 16 BUS to Catawba County

Local ID: LINC40006-H

Purpose: Congestion

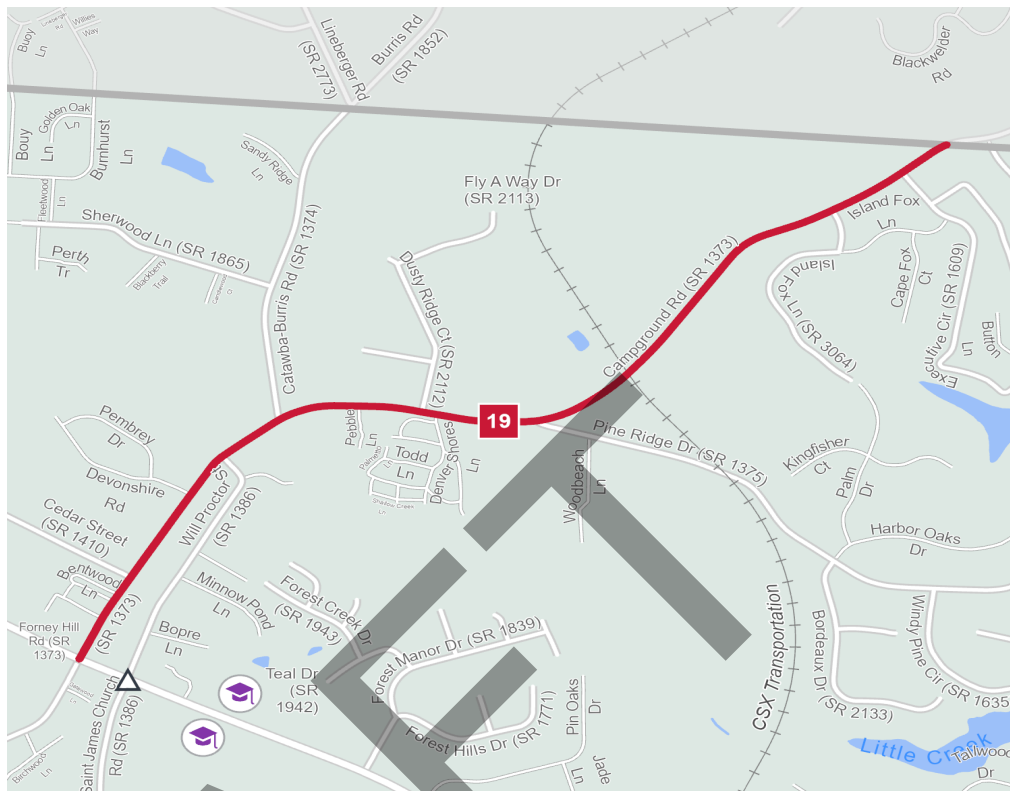
Improvement: Improve Existing

Identified Need

Campground Rd (SR 1373) provides an important North-South connection in eastern Lincoln County. Sections of Campground Rd (SR 1373) are expected to be over capacity by 2055.

Recommendation

Widen Campground Rd (SR 1373) to 3 lanes with left turn lanes from NC 16 BUS to Catawba County.



Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Major Thoroughfare Multi-lane
Typical Section	03 A
Section Options	-
Length (miles)	2.10
Existing ROW (feet)	-
Safety Risk Score	89

Proposal Data: 2022 Base Year 2055 Future Year

Improved Route	2022 Base Year		2055 Future Year	
	Existing	Without Proposal	With Proposal	
Facility Type	Minor Thoroughfare	Minor Thoroughfare	Major Thoroughfare Multi-lane	
Travel Lanes	2	2	2	
Volume (vpd)	7300-11000	11900-16200	13400-15900	
Capacity (vpd)	13600	13600	16000	

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2023
Facility will be Over Capacity (>=100%)	2037

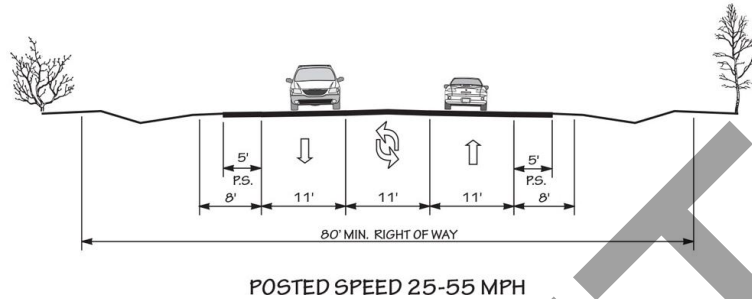


Typical Section Options:

None

TYPICAL SECTION No. 3A

2 LANE WITH TWO WAY LEFT TURN LANE, AND PAVED SHOULDERS

**Project History/Linkage to Other Plans**

This recommendation is included in the Gaston-Cleveland-Lincoln MPO Comprehensive Transportation Plan that was amended in 2020.

CTP Goal Analysis

The aim of the Cleveland and Lincoln County CTP is to support a multimodal transportation network that seamlessly moves people and goods, connecting users to economic and social opportunities while ensuring safety, reliability, accessibility, and environmental preservation. This recommendation aims to enhance reliability and accessibility by improving mobility.

Public Engagement

During the first round of public engagement, 9 survey comments highlighted congestion from NC 16 BUS to Catawba County. In the draft recommendation survey, with 28 responses, 86% of respondents agreed with the project.

Impacts to Natural and/or Human Environment

All environmental data in the database was considered. This Project is within 150 feet of:

- 1 Wetland Feature(s)
- 1 River And Stream Feature(s)
- 2 Water Supply Watershed Feature(s)

Title VI Considerations

This recommendation passes through one or more Census Blocks with the following characteristics:

- Between 0% and 25% identify as African American
- Between 5% and 15% identify as Asian
- Between 0% and 1% identify as Hawaiian or Pacific Islander

- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- 0% identify as Native American
- 0% identify as Some Other Race
- Between 5% and 10% identify as Two of More Races
- Between 5% and 15% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

Other Information**Crash Data**

Between January 2019 and December 2023, crash data analysis shows a total of 54 crashes on this section of Campground Rd (SR 1373). 4 crashes involved fatalities, 8 had injuries, and 42 had property damage only.

Optimist Club Road Extension

From Triangle Cir (SR 1387) to NC 16 Bus

Local ID: LINC40023-H

Purpose: Mobility

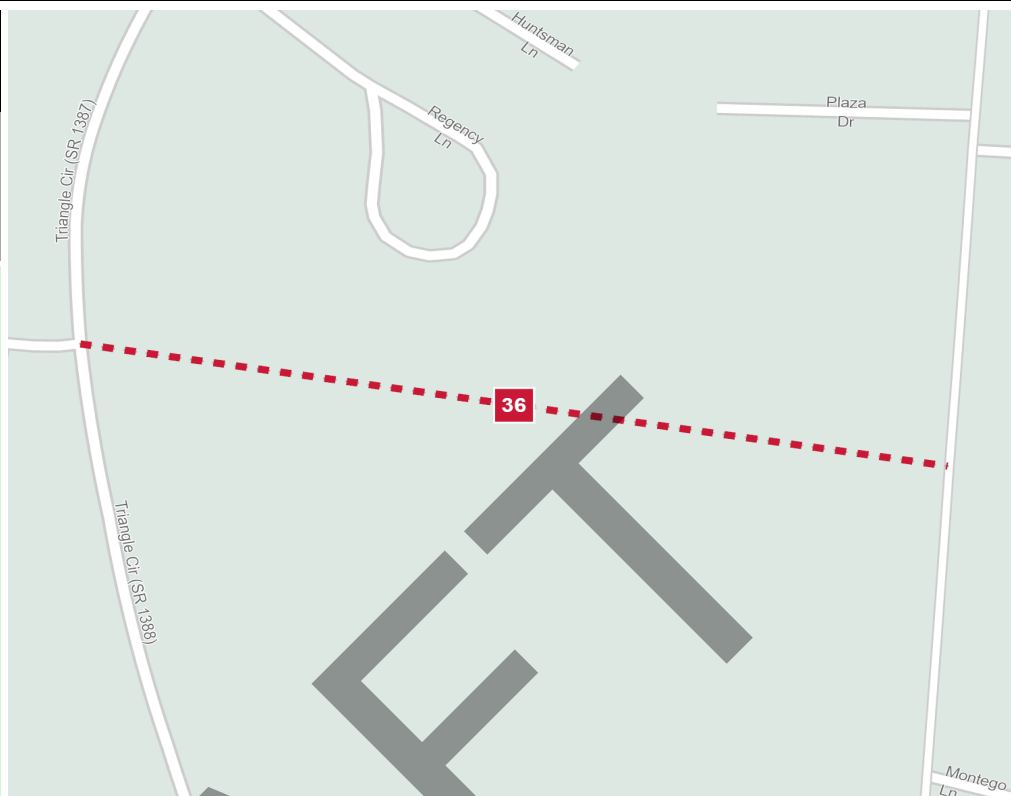
Improvement: New Location

Identified Need

There is a lack of east-west facilities connecting NC 16 and NC 16 BUS in the Denver area of Lincoln County, causing mobility and congestion issues on existing east-west facilities.

Recommendation

Construct an extension of Optimist Club Road from Triangle Cir (SR 1387) to NC 16 Bus to improve mobility and accessibility to NC 16 and NC 16 BUS. This project includes a multiuse path recommendation.



Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Major Thoroughfare 2-lane
Typical Section	02 N
Section Options	-
Length (miles)	0.21
Existing ROW (feet)	-
Safety Risk Score	-

Proposal Data: 2022 Base Year 2055 Future Year

	New Location	Existing	Without Proposal	With Proposal
Facility Type	-	-	-	Major Thoroughfare 2-lane
Travel Lanes	-	-	-	2
Volume (vpd)	-	-	-	2600
Capacity (vpd)	-	-	-	14600

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	-
Facility will be Over Capacity (>=100%)	-

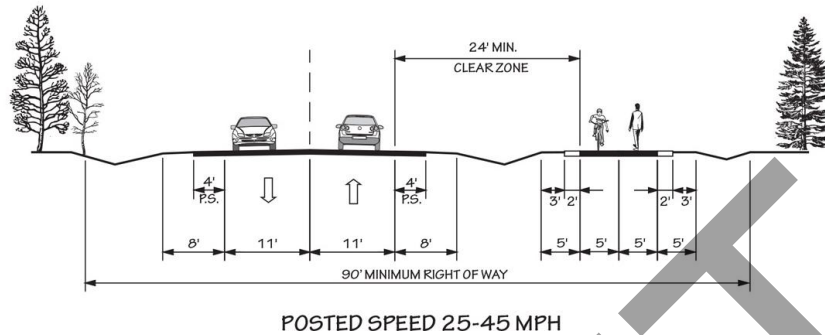


Typical Section Options:

None

TYPICAL SECTION No. 2N

2 LANE UNDIVIDED WITH PAVED SHOULDERS AND SIDEPATH



Project History/Linkage to Other Plans

There is no project history associated with this recommendation.

CTP Goal Analysis

The aim of the Cleveand and Lincoln County CTP is to support a multimodal transportation network that seamlessly moves people and goods, connecting users to economic and social opportunities while ensuring safety, reliability, accessibility, and environmental preservation. This recommendation aims to enhance reliability and accessibility.

Public Engagement

In the draft recommendation survey, with 35 responses, 83% of respondents agreed with the project.

Impacts to Natural and/or Human Environment

All environmental data in the database was considered. This Project is within 150 feet of:

- 1 Wetland Feature(s)
- 1 River And Stream Feature(s)
- 1 Water Supply Watershed Feature(s)

Title VI Considerations

This recommendation passes through one or more Census Blocks with the following characteristics:

- Between 0% and 25% identify as African American
- Between 0% and 5% identify as Asian
- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 5% and 15% identify as Hispanic and Latino

- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- Between 0% and 5% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- Between 0% and 5% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 1% and 5% identify as Some Other Race
- Between 10% and 15% identify as Two of More Races
- Between 5% and 15% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

Saint James Church Rd / N Little Egypt Rd (SR 1386)

From NC 16 BUS to NC 73

Local ID: LINC40028-H

Purpose: Congestion

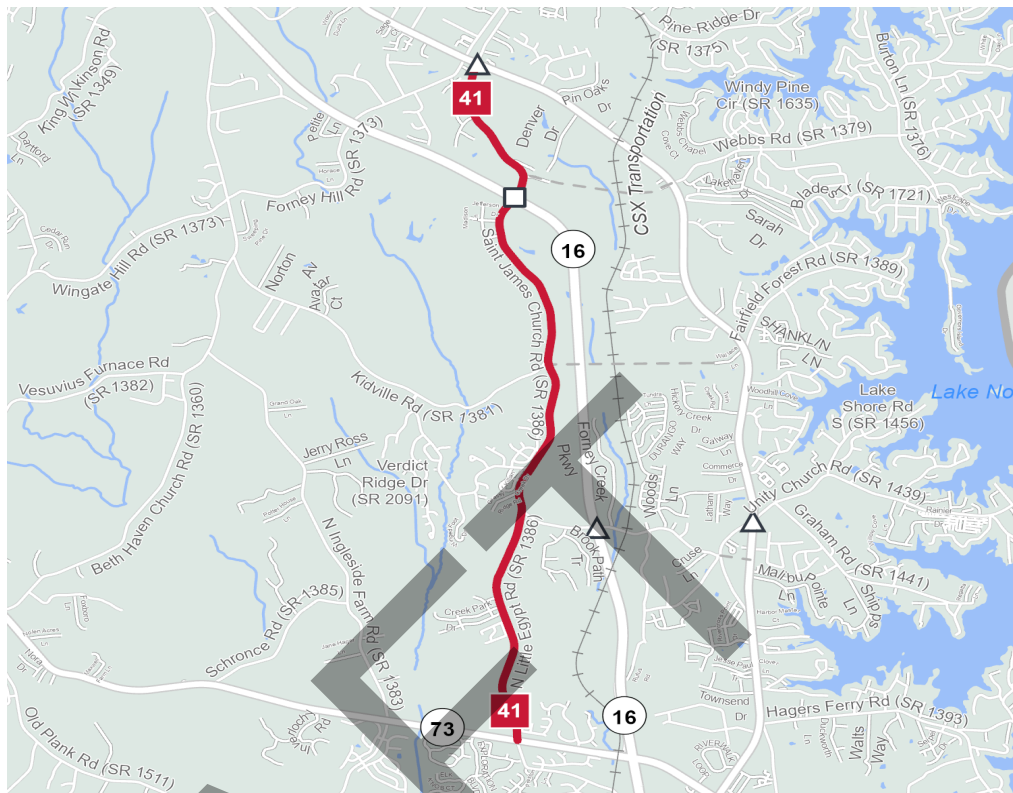
Improvement: Widening

Identified Need

Saint James Church Rd / N Little Egypt Rd (SR 1386) provides an important North-South connection in eastern Lincoln County. Sections of Saint James Church Rd / N Little Egypt Rd (SR 1386) from NC 16 BUS to NC 73 are projected to be near capacity by 2055.

Recommendation

Widen Saint James Church Rd / N Little Egypt Rd (SR 1386) to a 3-lane facility and improve the intersection at NC 16 to reduce congestion and improve reliability and mobility.



Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Major Thoroughfare 2-lane
Typical Section	03 A
Section Options	-
Length (miles)	5.80
Existing ROW (feet)	60-230
Safety Risk Score	-

Proposal Data: 2022 Base Year 2055 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Minor Thoroughfare	Minor Thoroughfare	Major Thoroughfare 2-lane
Travel Lanes	2	2	2
Volume (vpd)	2600-7600	9500-13400	3100-13000
Capacity (vpd)	10820-13600	10820-13600	16000

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	2033
Facility will be Over Capacity (>=100%)	2038

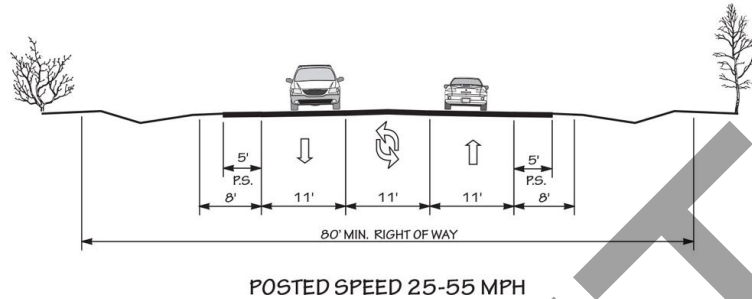


Typical Section Options:

None

TYPICAL SECTION No. 3A

2 LANE WITH TWO WAY LEFT TURN LANE, AND PAVED SHOULDERS



Project History/Linkage to Other Plans

This recommendation is included in the 2055 Gaston-Cleveland-Lincoln MPO Metropolitan Transportation Plan.

CTP Goal Analysis

The aim of the Cleveland and Lincoln County CTP is to support a multimodal transportation network that seamlessly moves people and goods, connecting users to economic and social opportunities while ensuring safety, reliability, accessibility, and environmental preservation. This recommendation aims to enhance reliability, connectivity, and mobility.

Public Engagement

During the first round of public engagement, 17 survey comment highlighted congestion from NC 16 BUS to NC 73 and 15 comments noted the section of road as a high crash location. In the draft recommendation survey, with 45 responses, 96% of respondents agreed with the project.

Impacts to Natural and/or Human Environment

All environmental data in the database was considered. This Project is within 150 feet of:

- 1 Natural Heritage Natural Area Feature(s)
- 1 Wetland Feature(s)
- 1 River And Stream Feature(s)

Title VI Considerations

This recommendation passes through one or more Census Blocks with the following characteristics:

- Between 0% and 25% identify as African American
- Between 5% and 15% identify as Asian

- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 1% and 5% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- 0% identify as Native American
- 0% identify as Some Other Race
- Between 1% and 5% identify as Two of More Races
- Between 5% and 15% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

Webbs Rd Ex

From Saint James Church Rd (1386) to Webbs Rd

Local ID: LINC40036-H

Purpose: Congestion

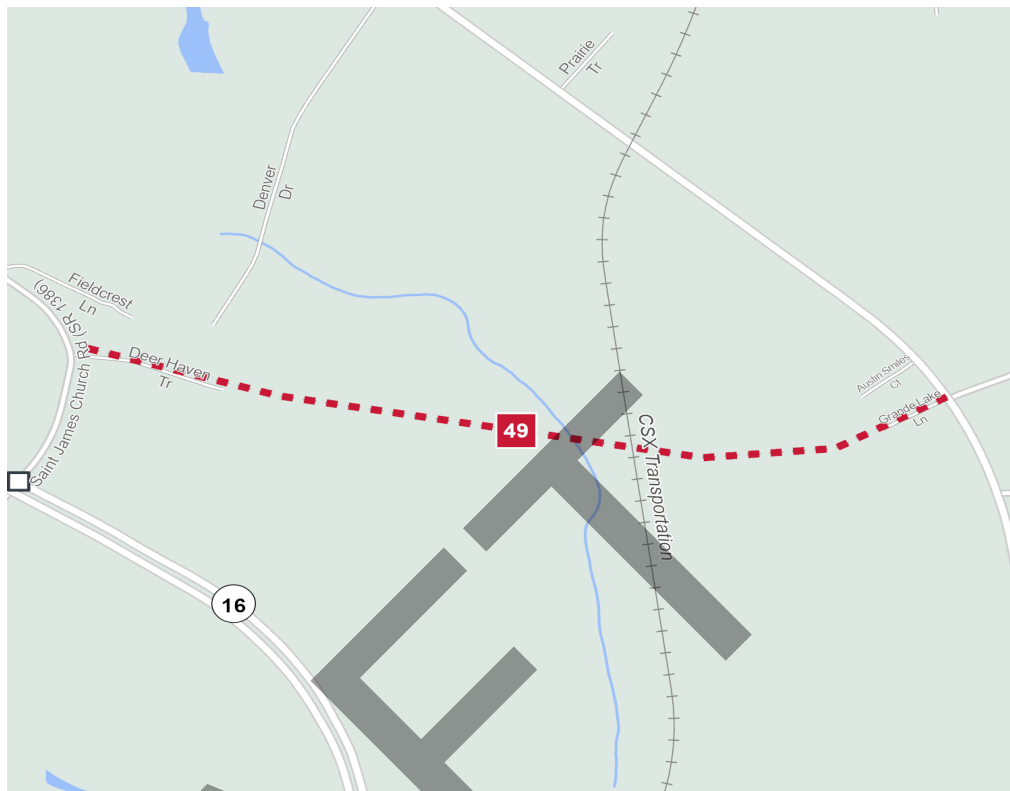
Improvement: New Location

Identified Need

There is a lack of connectivity between NC 16 and northeastern Lincoln County, which causes increased travel time from the Webbs Road peninsula to NC 16.

Recommendation

Construct an extension of Webb Rd from Saint James Church Rd (1386) to Webb Rd (SR 1379) to improve connectivity from the Webbs Rd peninsula to NC 16.



Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Major Thoroughfare 2-lane
Typical Section	02 B
Section Options	02 C
Length (miles)	1.10
Existing ROW (feet)	
Safety Risk Score	-

Proposal Data: 2022 Base Year 2055 Future Year

	New Location	Existing	Without Proposal	With Proposal
Facility Type		-	-	Major Thoroughfare 2-lane
Travel Lanes		-	-	2
Volume (vpd)		-	-	5000
Capacity (vpd)		-	-	14600

Capacity Data: Year

Facility will be Approaching Capacity (>80%)	-
Facility will be Over Capacity (>=100%)	-

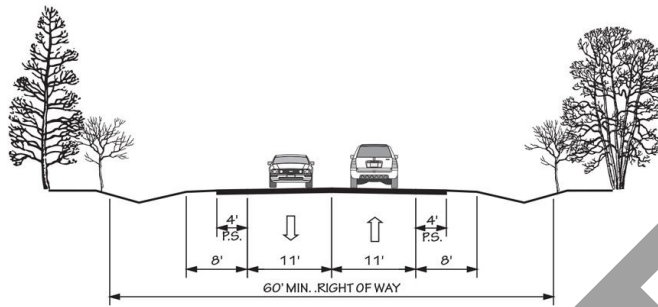


Typical Section Options:

02 C

TYPICAL SECTION No. 2B

2 LANES UNDIVIDED WITH PAVED SHOULDERS



POSTED SPEED 25-45 MPH

Project History/Linkage to Other Plans

This recommendation is included in the 2055 Gaston-Cleveland-Lincoln MPO Metropolitan Transportation Plan. The land for the Webbs Rd Extension is currently part of a land preservation.

CTP Goal Analysis

The aim of the Cleveland and Lincoln County CTP is to support a multimodal transportation network that seamlessly moves people and goods, connecting users to economic and social opportunities while ensuring safety, reliability, accessibility, and environmental preservation. This recommendation aims to enhance connectivity.

Public Engagement

During the first round of public engagement, 4 comments highlighted the need for a connection from Webb Rd to NC 16 to help reduce congestion and increase connectivity. In the draft recommendation survey, with 39 responses, 90% of respondents agreed with the project.

Impacts to Natural and/or Human Environment

All environmental data in the database was considered. This Project is within 150 feet of:

- 1 Impaired Waters Line Feature(s)
- 4 Managed Area Feature(s)
- 1 Wetland Feature(s)
- 1 River And Stream Feature(s)
- 3 Protected Area Feature(s)
- 1 Quality Monitored River And Stream Feature(s)
- 1 Water Supply Watershed Feature(s)

Title VI Considerations

This recommendation passes through one or more Census Blocks with the following characteristics:

- Between 0% and 25% identify as African American
- Between 0% and 5% identify as Asian
- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- Between 0% and 5% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- 0% identify as Some Other Race
- Between 10% and 15% identify as Two of More Races
- Between 5% and 15% identify as Below Poverty Line
- Between 0% and 15% identify as Households with No Car

NC 73

From NC 27 to Mecklenburg County

Local ID: R-5721A

Purpose: Congestion

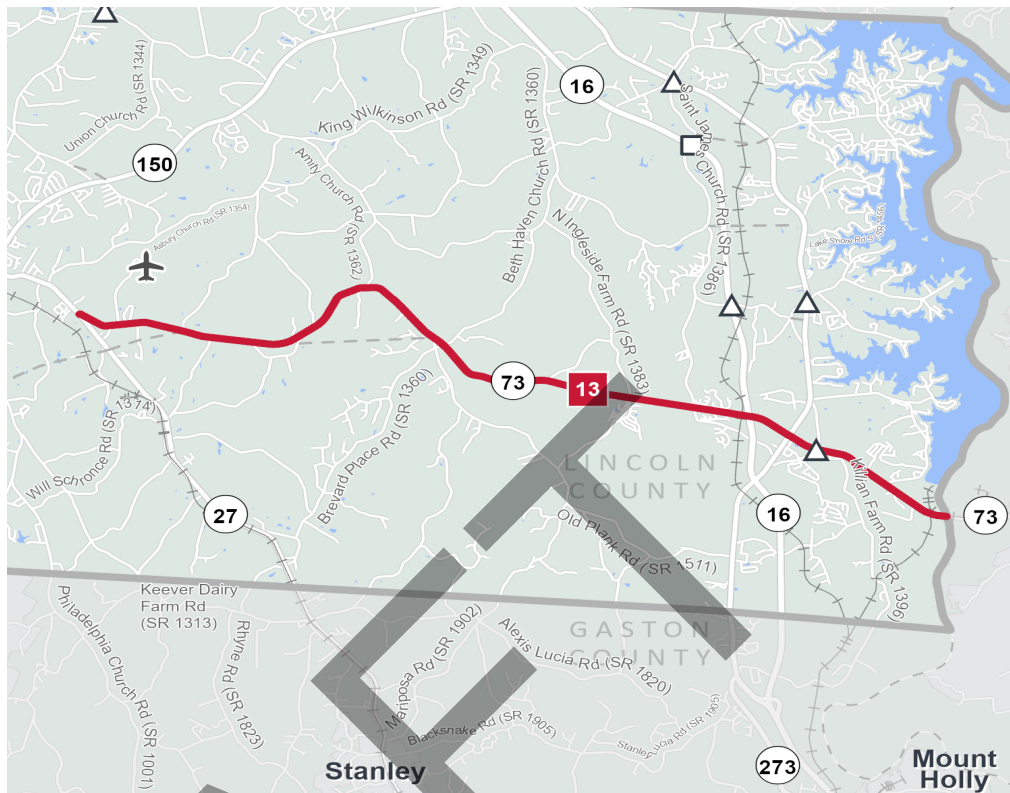
Improvement: Widening

Identified Need

NC 73 is currently over capacity from Schronce Rd (SR 1385) to Mecklenburg County and is expected to be near or over capacity in 2055 from Amity Church Rd to Mecklenburg County. It is also anticipated that there will be future growth in the region.

Recommendation

Widen NC 73 to a 4-lane facility with median from NC 27 to Mecklenburg County, including improvements to the intersection at S Pilot Knob Rd (SR 1393), to improve mobility. This project includes multiuse facility recommendations from NC 73 to Mecklenburg County.



Proposal At A Glance

Highway Class	Congestion & Mobility
Facility Type	Major Thoroughfare Multi-lane
Typical Section	04 H
Section Options	-
Length (miles)	14.00
Existing ROW (feet)	60-100
Safety Risk Score	-

Proposal Data:	2022 Base Year		2055 Future Year	
	Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Major Thoroughfare	Major Thoroughfare	Major Thoroughfare	Major Thoroughfare
Travel Lanes	2	2	2	4
Volume (vpd)	7800-29500	9600-40800	9600-40800	200-40500
Capacity (vpd)	13600-29900	13600-30200	13600-30200	27600-30200

Capacity Data:	Year
Facility will be Approaching Capacity (>80%)	2023
Facility will be Over Capacity (>=100%)	2023

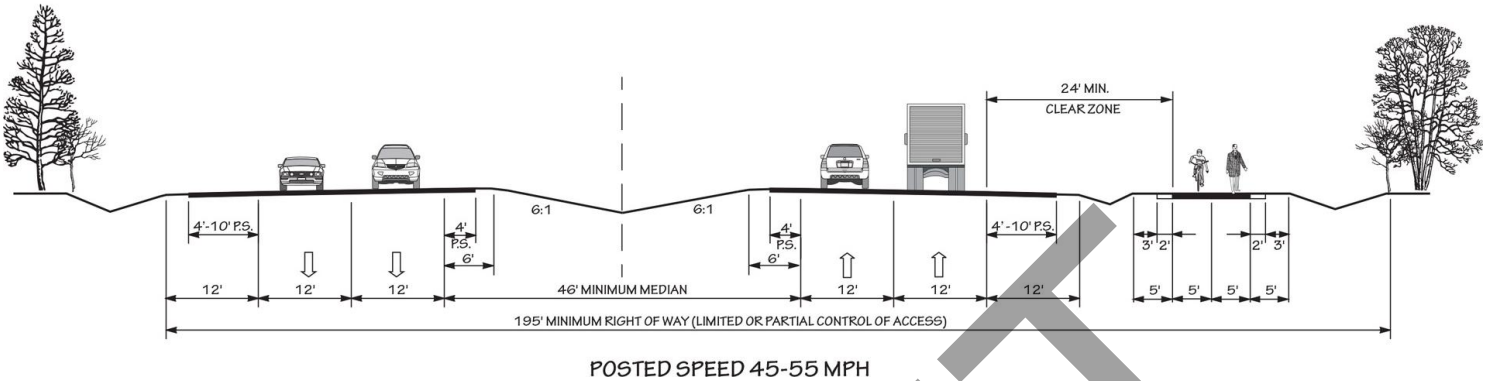


Typical Section Options:

None

TYPICAL SECTION No. 4H

4 LANE DIVIDED (46' DEPRESSED MEDIAN)
WITH PAVED SHOULDERS AND SIDEPATH



Project History/Linkage to Other Plans

The widening of NC 73 from NC 16 to Mecklenburg County is listed in the 2026-2035 STIP as R-5721A for Preliminary Engineering only. This recommendation is also included in the 2055 Gaston-Cleveland-Lincoln MPO Metropolitan Transportation Plan and the Gaston-Cleveland-Lincoln MPO Comprehensive Transportation Plan, that was amended in 2020.

CTP Goal Analysis

The aim of the Cleveland and Lincoln County CTP is to support a multimodal transportation network that seamlessly moves people and goods, connecting users to economic and social opportunities while ensuring safety, reliability, accessibility, and environmental preservation. This recommendation aims to enhance reliability and accessibility by improving mobility.

Public Engagement

During the first round of public engagement, 66 survey comments highlighted congestion issues from NC 27 to Mecklenburg County and 21 comments noted the section of road as a high crash location. In the draft recommendation survey, with 93 responses, 93% of respondents agreed with the project.

Impacts to Natural and/or Human Environment

All environmental data in the database was considered. This Project is within 150 feet of:

- 20 Flood Hazard Area Feature(s)
- 1 Hazardous Waste Facility(s)
- 1 Hazard Substance Disposal Site(s)
- 4 Impaired Waters Line Feature(s)
- 2 Major River Feature(s)
- 3 Managed Area Feature(s)

- 1 Natural Heritage Natural Area Feature(s)
- 9 Wetland Feature(s)
- 11 River And Stream Feature(s)
- 2 Protected Area Feature(s)
- 4 Quality Monitored River And Stream Feature(s)
- 3 Water Supply Watershed Feature(s)

Title VI Considerations

This recommendation passes through one or more Census Blocks with the following characteristics:

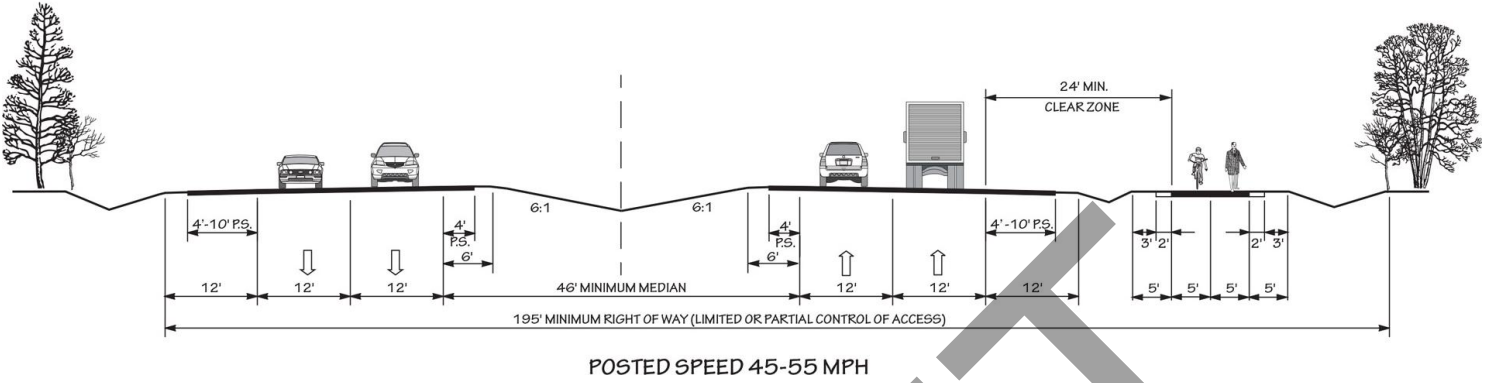
- Between 0% and 25% identify as African American
- Between 5% and 15% identify as Asian
- Between 0% and 1% identify as Hawaiian or Pacific Islander
- Between 5% and 15% identify as Hispanic and Latino
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Asian and Pacific Islander
- Between 0% and 5% identify as Over 18 with Limited English Proficiency (LEP) - Indo-European
- 0% identify as Over 18 with Limited English Proficiency (LEP) - Other
- Between 0% and 5% identify as Over 18 with Limited English Proficiency (LEP) - Spanish
- Between 5% and 15% identify as Native American
- Between 5% and 10% identify as Some Other Race
- Between 10% and 15% identify as Two of More Races
- Between 15% and 25% identify as Below Poverty Line

Typical Section Options:

None

TYPICAL SECTION No. 4H

4 LANE DIVIDED (46' DEPRESSED MEDIAN) WITH PAVED SHOULDERS AND SIDEPATH



- Between 0% and 15% identify as Households with No Car

Other Information

Truck Traffic

Based on 2023 traffic data, percent truck traffic on this section of NC 73 is approximately 5.3%.

DRAFT