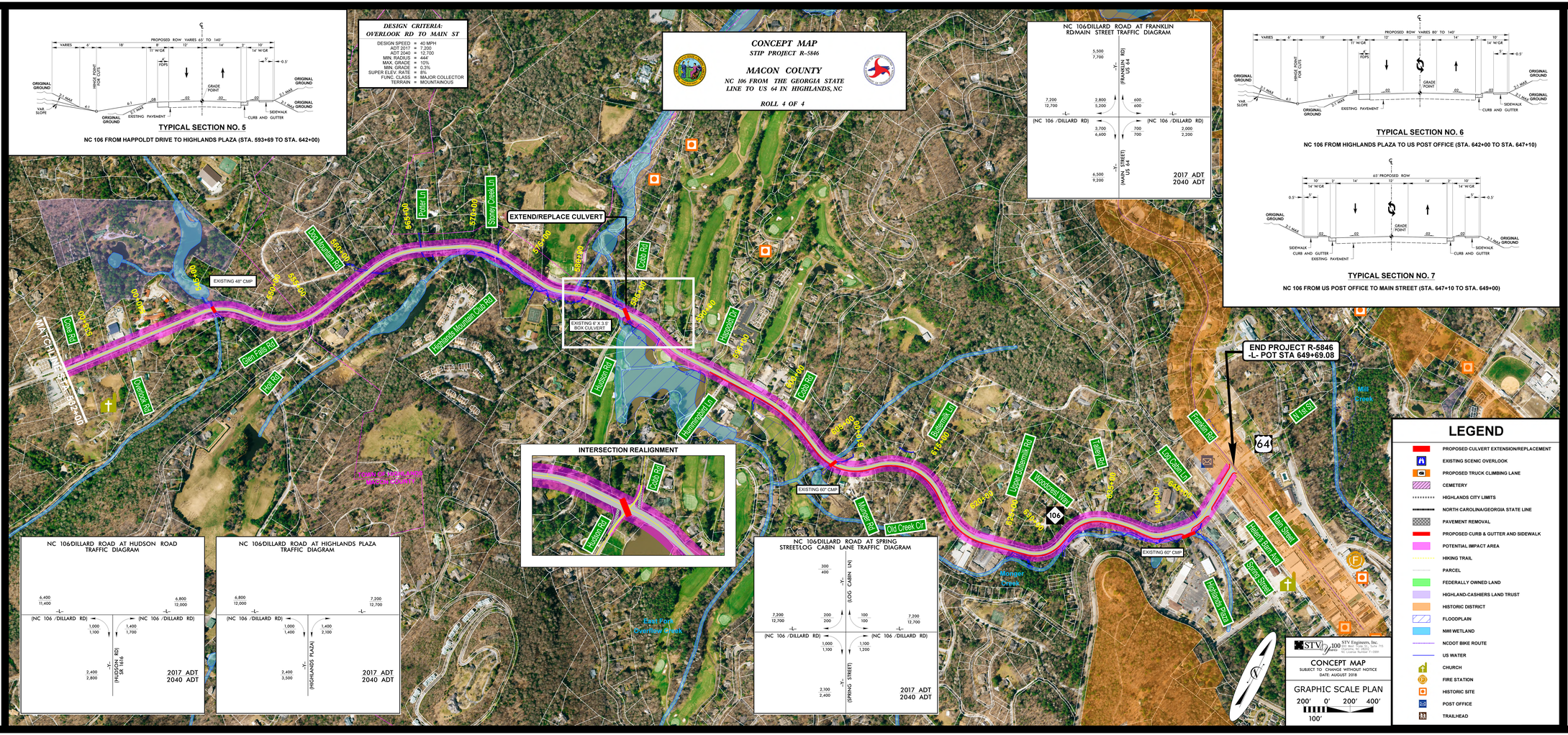
CONCEPT MAP
STIP PROJECT R-5846

MACON COUNTY
NC 106 FROM THE GEORGIA STATE LINE TO US 64 IN HIGHLANDS, NC

ROLL 4 OF 4

DESIGN CRITERIA:
OVERLOOK RD TO MAIN ST

DESIGN SPEED	= 40 MPH
ADT 2017	= 7,200
ADT 2040	= 12,700
MIN. RADIUS	= 444'
MAX. GRADE	= 10%
MIN. GRADE	= 0.3%
SUPER ELEV. RATE	= 8%
FUNC. CLASS	= MAJOR COLLECTOR
TERRAIN	= MOUNTAINOUS



TYPICAL SECTION NO. 5
NC 106 FROM HAPPOLDT DRIVE TO HIGHLANDS PLAZA (STA. 593+69 TO STA. 642+00)

TYPICAL SECTION NO. 6
NC 106 FROM HIGHLANDS PLAZA TO US POST OFFICE (STA. 642+00 TO STA. 647+10)

TYPICAL SECTION NO. 7
NC 106 FROM US POST OFFICE TO MAIN STREET (STA. 647+10 TO STA. 649+00)

NC 106/DILLARD ROAD AT FRANKLIN RD/MAIN STREET TRAFFIC DIAGRAM

	(NC 106 /DILLARD RD)	(NC 106 /DILLARD RD)	(FRANKLIN RD) US 64
(NC 106 /DILLARD RD)	7,200 / 12,700	2,800 / 5,200	600 / 600
(NC 106 /DILLARD RD)	3,700 / 6,600	700 / 700	2,000 / 2,200
(MAIN STREET) US 64	6,500 / 9,200		

2017 ADT
2040 ADT

NC 106/DILLARD ROAD AT HUDSON ROAD TRAFFIC DIAGRAM

	(NC 106 /DILLARD RD)	(NC 106 /DILLARD RD)	(HUDSON RD) SR 1616
(NC 106 /DILLARD RD)	6,400 / 11,400	6,800 / 12,000	
(NC 106 /DILLARD RD)	1,000 / 1,100	1,400 / 1,700	
(HUDSON RD) SR 1616	2,400 / 2,800		

2017 ADT
2040 ADT

NC 106/DILLARD ROAD AT HIGHLANDS PLAZA TRAFFIC DIAGRAM

	(NC 106 /DILLARD RD)	(NC 106 /DILLARD RD)	(HIGHLANDS PLAZA)
(NC 106 /DILLARD RD)	6,800 / 12,000	7,200 / 12,700	
(NC 106 /DILLARD RD)	1,000 / 1,400	1,400 / 2,100	
(HIGHLANDS PLAZA)	2,400 / 3,500		

2017 ADT
2040 ADT

NC 106/DILLARD ROAD AT SPRING STREET/LOG CABIN LANE TRAFFIC DIAGRAM

	(NC 106 /DILLARD RD)	(NC 106 /DILLARD RD)	(LOG CABIN LN)
(NC 106 /DILLARD RD)	7,200 / 12,700	200 / 200	100 / 100
(NC 106 /DILLARD RD)	1,000 / 1,100	1,100 / 1,200	
(SPRING STREET)	2,100 / 2,400		

2017 ADT
2040 ADT

STIV Engineers, Inc.
100 Years
CO-ORDINATE ENGINEERS
Corporate Headquarters
Charlotte, NC 28207
Tel: 704-377-2991

CONCEPT MAP
SUBJECT TO CHANGE WITHOUT NOTICE
DATE: AUGUST 2018

GRAPHIC SCALE PLAN
200' 0' 200' 400'
100'

LEGEND

- PROPOSED CULVERT EXTENSION/REPLACEMENT
- EXISTING SCENIC OVERLOOK
- PROPOSED TRUCK CLIMBING LANE
- CEMETERY
- HIGHLANDS CITY LIMITS
- NORTH CAROLINA/GEORGIA STATE LINE
- PAVEMENT REMOVAL
- PROPOSED CURB & GUTTER AND SIDEWALK
- POTENTIAL IMPACT AREA
- HIKING TRAIL
- PARCEL
- FEDERALLY OWNED LAND
- HIGHLAND-CASHIERS LAND TRUST
- HISTORIC DISTRICT
- FLOODPLAIN
- NWI WETLAND
- NCDOT BIKE ROUTE
- US WATER
- CHURCH
- FIRE STATION
- HISTORIC SITE
- POST OFFICE
- TRAILHEAD

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MACON COUNTY
NC 106 FROM THE GEORGIA STATE LINE TO US 64 IN HIGHLANDS, NC
ROLL 4 OF 4