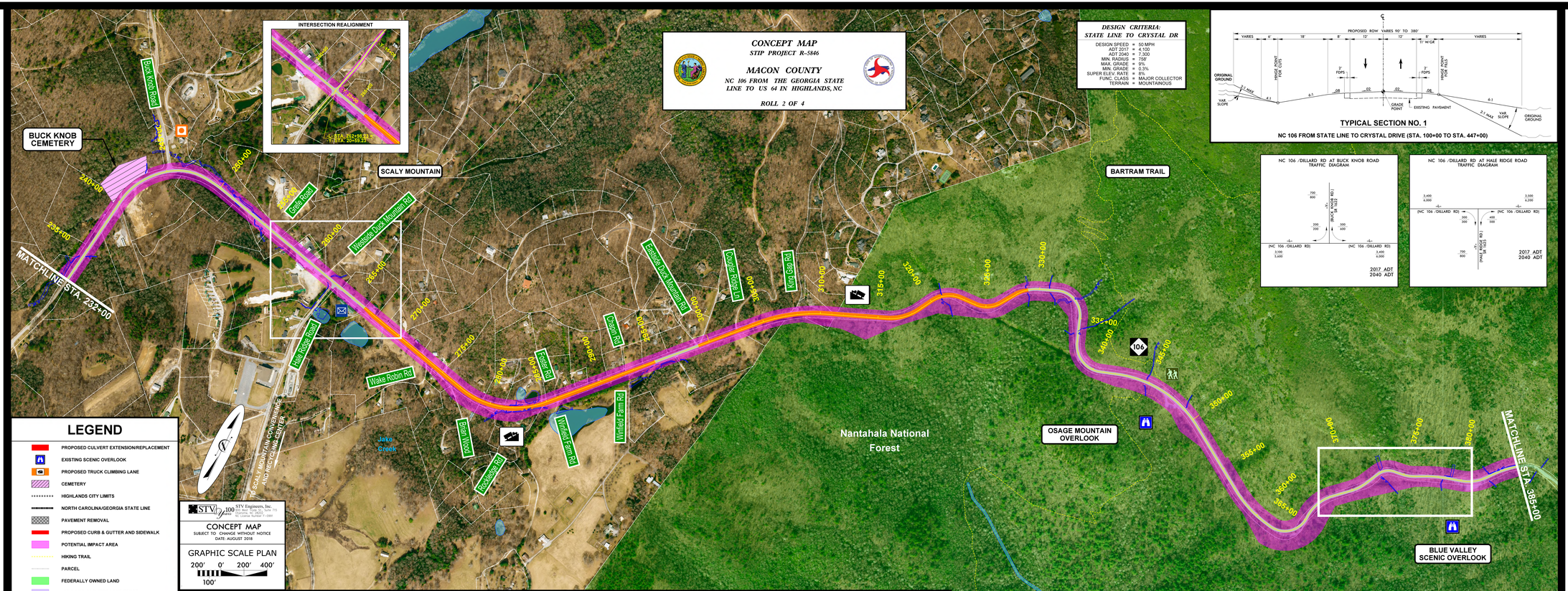
CONCEPT MAP
STIP PROJECT R-5846
MACON COUNTY
NC 106 FROM THE GEORGIA STATE LINE TO US 64 IN HIGHLANDS, NC
ROLL 2 OF 4
DESIGN CRITERIA:
STATE LINE TO CRYSTAL DR
DESIGN SPEED = 50 MPH
ADT 2017 = 4,100
ADT 2040 = 7,300
MIN. RADIUS = 758'
MAX. GRADE = 9%
MIN. GRADE = 0.3%
SUPER ELEV. RATE = 8%
FUNC. CLASS = MAJOR COLLECTOR
TERRAIN = MOUNTAINOUS
INTERSECTION REALIGNMENT
BUCK KNOB CEMETERY
SCALY MOUNTAIN
BARTRAM TRAIL
Buck Knob Road
Cradle Road
Westside Dick Morrison Rd
Pete Ridge Road
Wake Robin Rd
Eastside Dick Morrison Rd
Cougar Ridge Ln
King Cap Rd
Cobum Rd
Rose Rd
Bean Vlock
Rockridge Rd
Winfield Farm Rd
Jake Creek
Nantahala National Forest
OSAGE MOUNTAIN OVERLOOK
BLUE VALLEY SCENIC OVERLOOK
MATCHLINE STA. 292+00
MATCHLINE STA. 385+00
TYPICAL SECTION NO. 1
NC 106 FROM STATE LINE TO CRYSTAL DRIVE (STA. 100+00 TO STA. 447+00)
NC 106 /DILLARD RD AT BUCK KNOB ROAD TRAFFIC DIAGRAM
NC 106 /DILLARD RD AT HALE RIDGE ROAD TRAFFIC DIAGRAM
2017 ADT
2040 ADT
ALTERNATE ALIGNMENT A
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
STV Engineers, Inc.
CONCEPT MAP
SUBJECT TO CHANGE WITHOUT NOTICE
DATE: AUGUST 2018
GRAPHIC SCALE PLAN
200' 0' 200' 400'
100'
STA. 266+25 TO STA. 295+00
TYPICAL SECTION NO. 3 (TRUCK CLIMBING LANE)
STA. 299+00 TO STA. 329+00