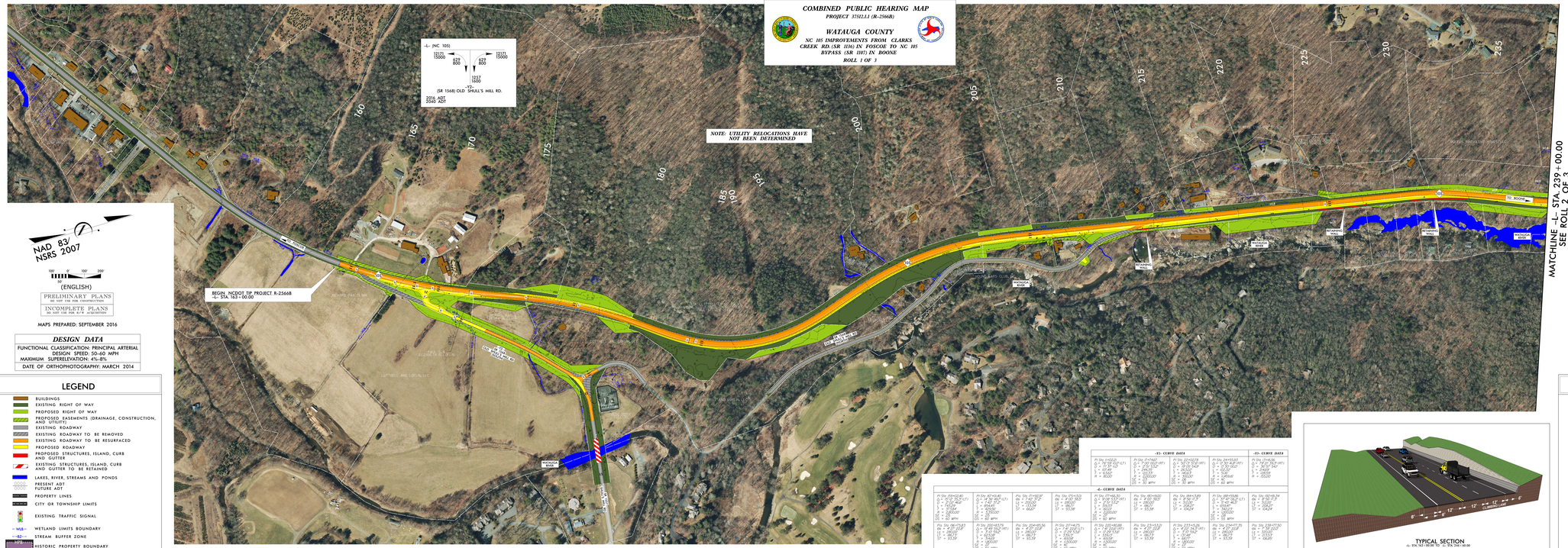
COMBINED PUBLIC HEARING MAP

PROJECT 37512.1.1 (R-2566B)

WATAUGA COUNTY

NC 105 IMPROVEMENTS FROM CLARKS CREEK RD (SR 1136) IN FOSCOE TO NC 105 BYPASS (SR 1307) IN BOONE

ROLL 1 OF 3



MAPS PREPARED: SEPTEMBER 2016

DESIGN DATA

FUNCTIONAL CLASSIFICATION: PRINCIPAL ARTERIAL
DESIGN SPEED: 50-60 MPH
MAXIMUM SUPERELEVATION: 4%-8%
DATE OF ORTHOPHOTOGRAPHY: MARCH 2014

LEGEND

- BUILDINGS
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- PROPOSED EASEMENTS (DRAINAGE, CONSTRUCTION, TEMPORARY)
- EXISTING ROADWAY
- EXISTING ROADWAY TO BE REMOVED
- EXISTING ROADWAY TO BE RESURFACED
- PROPOSED ROADWAY
- PROPOSED STRUCTURES, ISLAND, CURB AND GUTTER
- EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE RETAINED
- LAKES, RIVER, STREAMS AND PONDS
- PRESENT ADT / FUTURE ADT
- PROPERTY LINES
- CITY OR TOWNSHIP LIMITS
- EXISTING TRAFFIC SIGNAL
- WLB WETLAND LIMITS BOUNDARY
- SB STREAM BUFFER ZONE
- HISTORIC PROPERTY BOUNDARY

-Y1- CURVE DATA				-Y5- CURVE DATA
PI Sta. 214+22.21 Δ = 16°59'33.0" (LT) D = 7°30'00.0" T = 1,136.49' L = 2,263.01' R = 763.94' DS = 50 MPH	PI Sta. 217+62.07 Δ = 7°07'00.0" (RT) D = 3°30'00.0" T = 354.51' L = 708.07' R = 1,637.00' DS = 50 MPH	PI Sta. 219+02.59 Δ = 50°15'12.0" (RT) D = 7°30'00.0" T = 1,136.49' L = 1,882.01' R = 763.94' DS = 50 MPH	PI Sta. 224+53.83 Δ = 31°30'46.0" (RT) D = 3°30'00.0" T = 1,136.49' L = 2,248.44' R = 1,637.00' DS = 60 MPH	PI Sta. 231+00.00 Δ = 19°21'30.0" (RT) D = 3°30'00.0" T = 354.51' L = 708.07' R = 1,637.00' DS = 60 MPH

-L- CURVE DATA						
PI Sta. 159+60.40 Δ = 21°32'36.0" (LT) D = 3°30'00.0" T = 147.24' L = 291.97' R = 1,637.00' DS = 60 MPH	PI Sta. 167+24.40 Δ = 48°28'00.0" (LT) D = 7°30'00.0" T = 89.66' L = 169.27' R = 763.94' DS = 50 MPH	PI Sta. 171+60.00 Δ = 21°32'36.0" (RT) D = 3°30'00.0" T = 147.24' L = 291.97' R = 1,637.00' DS = 60 MPH	PI Sta. 174+13.12 Δ = 8°00'00.0" (RT) D = 3°30'00.0" T = 386.73' L = 773.47' R = 1,637.00' DS = 60 MPH	PI Sta. 177+88.50 Δ = 9°08'00.0" (LT) D = 3°30'00.0" T = 354.51' L = 708.07' R = 1,637.00' DS = 60 MPH	PI Sta. 180+50.50 Δ = 8°00'00.0" (RT) D = 3°30'00.0" T = 386.73' L = 773.47' R = 1,637.00' DS = 60 MPH	PI Sta. 184+13.93 Δ = 21°32'36.0" (LT) D = 3°30'00.0" T = 354.51' L = 708.07' R = 1,637.00' DS = 60 MPH
PI Sta. 187+75.63 Δ = 21°32'36.0" (RT) D = 3°30'00.0" T = 354.51' L = 708.07' R = 1,637.00' DS = 60 MPH	PI Sta. 202+67.79 Δ = 21°32'36.0" (LT) D = 3°30'00.0" T = 354.51' L = 708.07' R = 1,637.00' DS = 60 MPH	PI Sta. 204+85.56 Δ = 8°00'00.0" D = 3°30'00.0" T = 386.73' L = 773.47' R = 1,637.00' DS = 60 MPH	PI Sta. 207+67.75 Δ = 21°32'36.0" (RT) D = 3°30'00.0" T = 354.51' L = 708.07' R = 1,637.00' DS = 60 MPH	PI Sta. 220+60.89 Δ = 21°32'36.0" (LT) D = 3°30'00.0" T = 354.51' L = 708.07' R = 1,637.00' DS = 60 MPH	PI Sta. 226+43.50 Δ = 8°00'00.0" (RT) D = 3°30'00.0" T = 386.73' L = 773.47' R = 1,637.00' DS = 60 MPH	PI Sta. 233+05.26 Δ = 21°32'36.0" (LT) D = 3°30'00.0" T = 354.51' L = 708.07' R = 1,637.00' DS = 60 MPH	PI Sta. 236+77.55 Δ = 8°00'00.0" D = 3°30'00.0" T = 386.73' L = 773.47' R = 1,637.00' DS = 60 MPH	PI Sta. 238+77.50 Δ = 21°32'36.0" (RT) D = 3°30'00.0" T = 354.51' L = 708.07' R = 1,637.00' DS = 60 MPH

TYPICAL SECTION
-L- STA. 163+00.00 TO -L- STA. 245+00.00

COMBINED PUBLIC HEARING MAP
PROJECT 37512.1.1 (R-2566B)
WATAUGA COUNTY
NC 105 IMPROVEMENTS FROM CLARKS CREEK RD (SR 1136) IN FOSCOE TO NC 105 BYPASS (SR 1307) IN BOONE
ROLL 1 OF 3
NAD 83/ NSRS 2007
(ENGLISH)
PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION
INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION
MAPS PREPARED: SEPTEMBER 2016
DESIGN DATA
FUNCTIONAL CLASSIFICATION: PRINCIPAL ARTERIAL
DESIGN SPEED: 50-60 MPH
MAXIMUM SUPERELEVATION: 4%-8%
DATE OF ORTHOPHOTOGRAPHY: MARCH 2014
LEGEND
BUILDINGS
EXISTING RIGHT OF WAY
PROPOSED RIGHT OF WAY
PROPOSED EASEMENTS (DRAINAGE, CONSTRUCTION, TEMPORARY)
EXISTING ROADWAY
EXISTING ROADWAY TO BE REMOVED
EXISTING ROADWAY TO BE RESURFACED
PROPOSED ROADWAY
PROPOSED STRUCTURES, ISLAND, CURB AND GUTTER
EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE RETAINED
LAKES, RIVER, STREAMS AND PONDS
PRESENT ADT / FUTURE ADT
PROPERTY LINES
CITY OR TOWNSHIP LIMITS
EXISTING TRAFFIC SIGNAL
WLB WETLAND LIMITS BOUNDARY
SB STREAM BUFFER ZONE
HISTORIC PROPERTY BOUNDARY