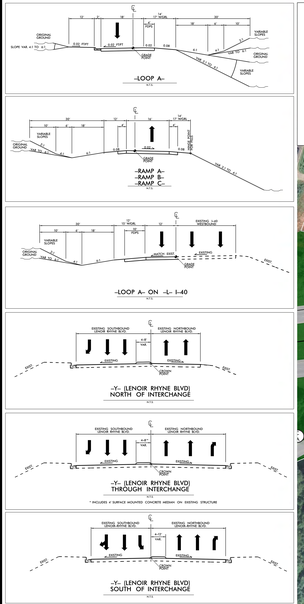
PUBLIC MEETING MAP

PROJECT 50133.1.FS1 – I-5716
CATAWBA COUNTY
INTERCHANGE IMPROVEMENTS
I-40 AND SR 1007 (LENOIR RHYNE BOULEVARD)
ALTERNATIVE B (ROLL 1 OF 1)



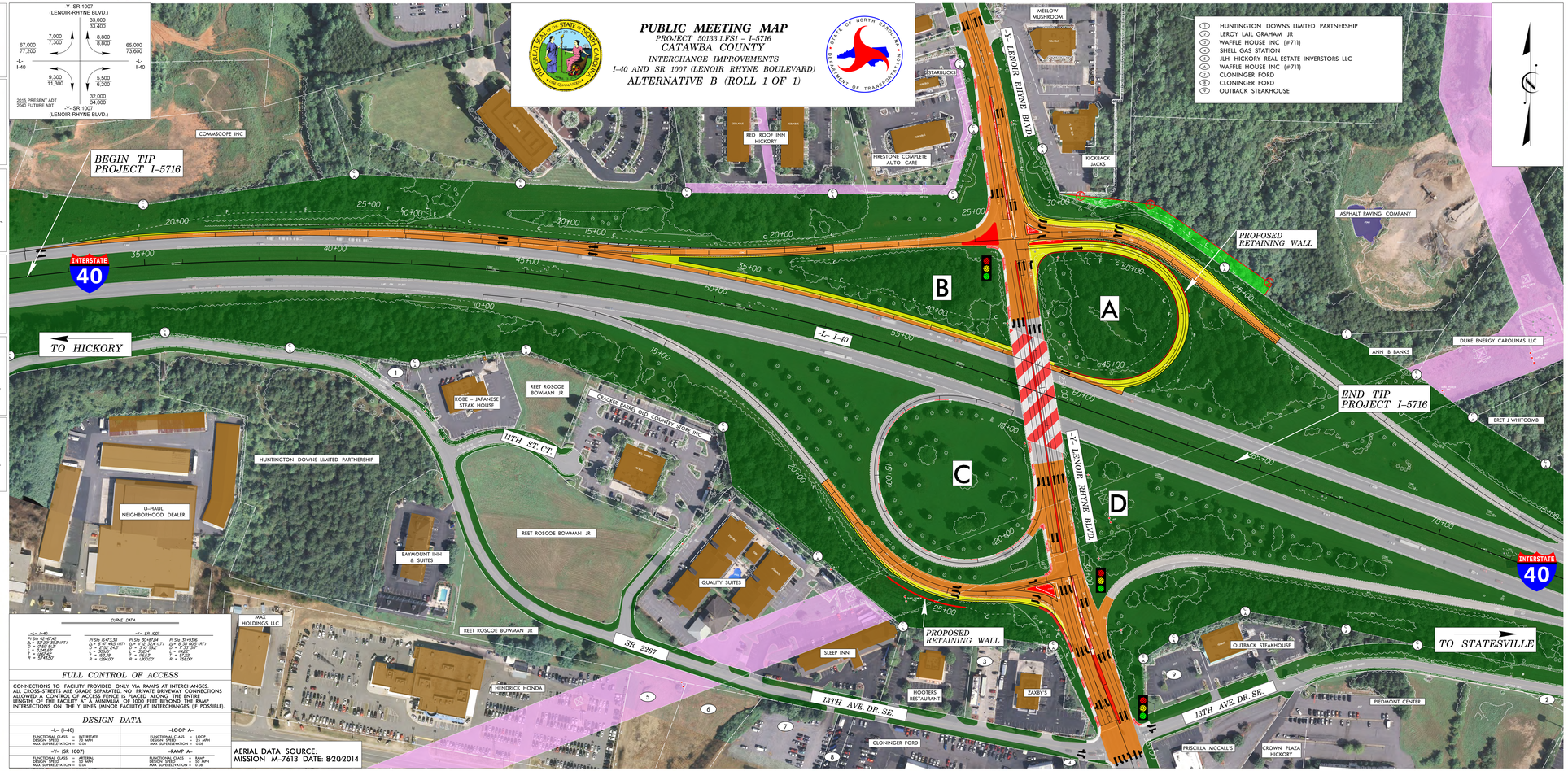
LEGEND

- EXISTING BUILDING
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- EXISTING ROADWAY
- EXISTING ROADWAY TO BE REMOVED
- EXISTING ROADWAY TO BE RESURFACED
- PROPOSED ROADWAY
- PROPOSED SIDEWALKS, RETAINING WALLS, STRUCTURES, ISLAND, CURB AND GUTTER
- EXISTING SIDEWALKS, STRUCTURES, ISLANDS, CURB AND GUTTER TO BE RETAINED
- LAKES, RIVERS, STREAMS AND PONDS
- UTILITY EASEMENTS
- PROPOSED CONTROL OF ACCESS /RIGHT OF WAY
- EXISTING CONTROL OF ACCESS
- PROPERTY LINES
- EXISTING TRAFFIC SIGNAL

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

SCALE
50' 0 50' 100'
(ENGLISH)



CURVE DATA

-L- I-40	-Y- SR 1007	
PI Sta. 40+87.42	PI Sta. 10+73.58	PI Sta. 30+87.84
Δ = 12°22'32.5" (RT)	Δ = 8°47'49.0" (RT)	Δ = 7°21'32.4" (LT)
D = 0°45'37"	D = 0°45'34.9"	D = 0°37'59"
T = 1,204.67	T = 606.28	T = 1,262.74
L = 2,397.51	L = 1,213.56	L = 2,518.71
R = 5,730.00	R = 1,309.00	R = 1,800.00

FULL CONTROL OF ACCESS

CONNECTIONS TO FACILITY PROVIDED ONLY VIA RAMPS AT INTERCHANGES. ALL CROSS-STREETS ARE GRADE SEPARATED. NO PRIVATE DRIVEWAY CONNECTIONS ALLOWED. A CONTROL OF ACCESS FENCE IS PLACED ALONG THE ENTIRE LENGTH OF THE FACILITY AT A MINIMUM OF 1000 FEET BEYOND THE RAMP INTERSECTIONS ON THE Y LINES (MINOR FACILITY) AT INTERCHANGES (IF POSSIBLE).

DESIGN DATA

-L- (I-40)	-LOOP A-
FUNCTIONAL CLASS = INTERSTATE DESIGN SPEED = 55 MPH MAX SUPERELEVATION = 0.08	FUNCTIONAL CLASS = LOOP DESIGN SPEED = 25 MPH MAX SUPERELEVATION = 0.08
-Y- (SR 1007)	**-RAMP A-**
FUNCTIONAL CLASS = ARTERIAL DESIGN SPEED = 55 MPH MAX SUPERELEVATION = 0.06	FUNCTIONAL CLASS = RAMP DESIGN SPEED = 35 MPH MAX SUPERELEVATION = 0.08

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