CITIZENS INFORMATIONAL WORKSHOP MAP

R-3100A & R-3100B
CATAWBA COUNTY
NC 16 FROM SR 1895 (TOWER RD) TO SR 1801 (CLAREMONT RD)

SHEET 2 OF 4

THERE IS PARTIAL CONTOL OF ACCESS ON THIS PROJECT

NOTE: PARTIAL CONTROL OF ACCESS IS DEFINED AS ONE ACCESS POINT PER PARCEL FOR PROPERTIES WITH LARGE ROAD FRONTAGES (FOR EXAMPLE, 1000 FEET MAY BE AN ADDITIONAL ACCESS POINT MAY BE CONSIDERED). FOR PROPERTIES THAT HAVE ACCESS, SUCH AS VIA A SIDE ROADS, ACCESS TO NC 16 (-L-) MAY BE ELIMINATED.

MATCHLINE SHEET 1

MATCHLINE SHEET 3

R-3100B

R-3100A

BALLS CREEK RD (SR 1808)

PROVIDENCE MILL RD (SR 1810)

CLAREMONT RD (SR 1801)

MT BUSHMAN CHURCH RD (SR 1809)

I-40

NC 16

TRAFFIC DATA
YEAR 2008 ADT
YEAR 2035 ADT
BALLS CREEK RD
3200
3400
NC 16 10200 / 19000 — 3500 / 5500 — 2100 / 3500 — 7400 / 16400 NC 16
2700 / 4500 — 2000 / 800
3200
3400
PROVIDENCE MILL RD

TRAFFIC DATA
YEAR 2008 ADT
YEAR 2035 ADT
CALDWELL RD
400
600
NC 16 7400 / 16400 — 200 / 300 — 200 / 300 — 7200 / 16000 NC 16

TRAFFIC DATA
YEAR 2008 ADT
YEAR 2035 ADT
NC 16 7200 / 16000 — 7200 / 15800 NC 16
200 / 300
200 / 300
300
300
MT BUSHMAN CHURCH RD

MINIMUM 800 FT.

MINIMUM 800 FT.

NOTE: DO NOT PLACE U-TURN BULBS IN WETLANDS OR RIGHT-OF-WAY SENSITIVE AREAS
* IF NEEDED, RIGHT-TURN LANE LENGTHS DETERMINED BY TRAFFIC VOLUMES

DIRECTIONAL CROSSOVER WITH MEDIAN U-TURNS

(NOTE: *U-turns may be used with widening alternatives*)

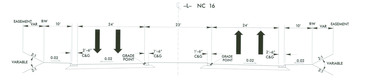
DESIGN DATA R-3100B

FUNCTIONAL CLASS = COLLECTOR
DESIGN SPEED = 50 mph
MAX SUPERELEVATION = 0.04

DESIGN DATA R-3100A

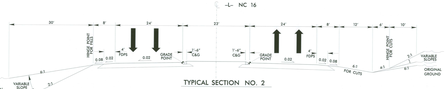
FUNCTIONAL CLASS = COLLECTOR
DESIGN SPEED = 60 mph
MAX SUPERELEVATION = 0.08

-L- NC 16



TYPICAL SECTION NO. 1

-L- NC 16



TYPICAL SECTION NO. 2

LEGEND

- BUILDINGS
- EXISTING RIGHT OF WAY
- PROPOSED CONSTRUCTION EASEMENT
- PROPOSED PARTIAL CONTROL OF ACCESS
- EXISTING ROADWAY
- PROPOSED ROADWAY
- PROPOSED PAVED SHOULDER
- PROPOSED STRUCTURES, ISLAND, CURB AND GUTTER
- EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE RETAINED
- EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE REMOVED
- PROPERTY LINES
- LAKES, RIVER, STREAMS AND PONDS
- GRASS MEDIAN
- PROPOSED TRAFFIC SIGNAL
- EXIST TRAFFIC SIGNAL
- WLB-- WETLAND LIMITS BOUNDARY
- SLT-- STREAM BUFFER ZONE

200' 0' 200' 400'
100'
(ENGLISH)

TRAFFIC
2008 ADT 10200
2035 ADT 19800

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION
PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION