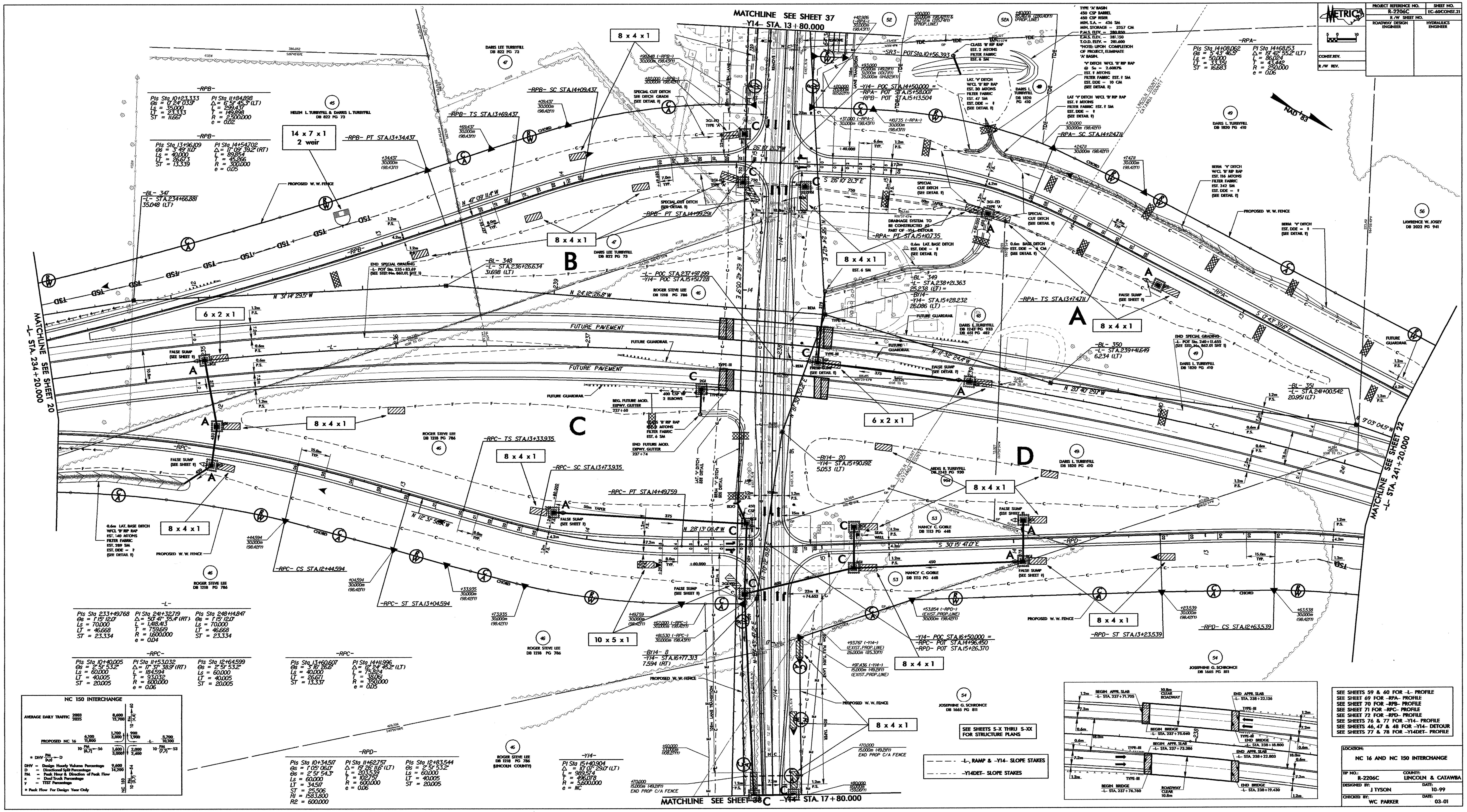
MATCHLINE SEE SHEET 37
-Y14- STA. 13+80.000
MATCHLINE SEE SHEET 38
-Y14- STA. 17+80.000
MATCHLINE SEE SHEET 20
-L- STA. 234+20.000
MATCHLINE SEE SHEET 22
-L- STA. 241+20.000
-RPB-
PIs Sta 10+23.333
θs = 0° 24' 03.9"
Ls = 35.000
LT = 23.333
ST = 11.667
PI Sta 11+84.898
Δ = 6° 51' 45.3" (LT)
L = 299.437
T = 149.898
R = 2,500.000
e = 0.02
-RPB-
PIs Sta 13+96.109
θs = 3° 49' 11.0"
Ls = 40.000
LT = 26.673
ST = 13.339
PI Sta 14+54.702
Δ = 17° 09' 39.2" (RT)
L = 89.854
T = 45.266
R = 300.000
e = 0.05
-RPA-
PIs Sta 14+08.062
θs = 5° 43' 46.5"
Ls = 50.000
LT = 33.351
ST = 16.683
PI Sta 14+68.153
Δ = 19° 42' 55.2" (LT)
L = 86.024
T = 43.442
R = 250.000
e = 0.06
-L-
PIs Sta 233+49.768
θs = 1° 15' 12.0"
Ls = 70.000
LT = 46.668
ST = 23.334
PI Sta 241+32.719
Δ = 50° 47' 35.4" (RT)
L = 1,418.413
T = 759.619
R = 1,600.000
e = 0.04
PIs Sta 248+14.847
θs = 1° 15' 12.0"
Ls = 70.000
LT = 46.668
ST = 23.334
-RPC-
PIs Sta 10+40.005
θs = 2° 51' 53.2"
Ls = 60.000
LT = 40.005
ST = 20.005
PI Sta 11+53.032
Δ = 17° 37' 38.9" (RT)
L = 184.594
T = 93.032
R = 600.000
e = 0.06
PIs Sta 12+64.599
θs = 2° 51' 53.2"
Ls = 60.000
LT = 40.005
ST = 20.005
-RPC-
PIs Sta 13+60.607
θs = 3° 16' 26.6"
Ls = 40.000
LT = 26.671
ST = 13.337
PI Sta 14+11.996
Δ = 12° 24' 45.2" (LT)
L = 75.824
T = 38.061
R = 350.000
e = 0.05
-RPD-
PIs Sta 10+34.517
θs = 1° 05' 06.0"
θs = 2° 51' 54.3"
Ls = 60.000
LT = 34.517
ST = 25.506
R1 = 1583.800
R2 = 600.000
PI Sta 11+62.757
Δ = 19° 26' 11.6" (LT)
L = 203.539
T = 102.757
R = 600.000
e = 0.06
PIs Sta 12+83.544
θs = 2° 51' 53.2"
Ls = 60.000
LT = 40.005
ST = 20.005
-Y14-
PI Sta 15+40.904
Δ = 10° 07' 29.0" (LT)
L = 989.574
T = 496.078
R = 5,600.000
e = NC
NC 150 INTERCHANGE
AVERAGE DAILY TRAFFIC 2003/2025
PROPOSED NC 16
DHV = Design Hourly Volume Percentage
D = Directional Split Percentage
PM = Peak Hour & Direction of Peak Flow
x = Dual Truck Percentage
y = TTST Percentage
* Peak Flow For Design Year Only
TYPE 'A' BASIN
450 CSP BARREL
450 CSP RISER
MIN. S.A. = 436 SM
MIN. STORAGE = 3257 CM
P.M.S. ELEV. = 280.850
E.M.S. ELEV. = 281.150
T.O.D. ELEV. = 281.600
*NOTE: UPON COMPLETION OF PROJECT, ELIMINATE 'A' BASIN.
SEE SHEETS 59 & 60 FOR -L- PROFILE
SEE SHEET 69 FOR -RPA- PROFILE
SEE SHEET 70 FOR -RPB- PROFILE
SEE SHEET 71 FOR -RPC- PROFILE
SEE SHEET 72 FOR -RPD- PROFILE
SEE SHEETS 76 & 77 FOR -Y14- PROFILE
SEE SHEETS 46, 47 & 48 FOR -Y14- DETOUR
SEE SHEETS 77 & 78 FOR -Y14DET- PROFILE
SEE SHEETS S-X THRU S-XX FOR STRUCTURE PLANS
-L-, RAMP & -Y14- SLOPE STAKES
-Y14DET- SLOPE STAKES
FUTURE PAVEMENT
HELEN L. TURBYFILL & DARRIS L. TURBYFILL DB 822 PG 73
DARIS LEE TURBYFILL DB 822 PG 73
ROGER STEVE LEE DB 1218 PG 786
DARIS L. TURBYFILL DB 1820 PG 410
DARIS L. TURBYFILL DB 1243 PG 933 DB 651 PG 482
ARDIS R. TURBYFILL DB 1243 PG 930
NANCY C. GOBLE DB 1113 PG 448
JOSEPHINE G. SCHRONCE DB 1665 PG 811
LAWRENCE W. JOSEY DB 2022 PG 941
LINCOLN COUNTY
CATAWBA COUNTY
PROJECT REFERENCE NO. R-2206C
SHEET NO. EC-60/CONST.21
R/W SHEET NO.
ROADWAY DESIGN ENGINEER
HYDRAULICS ENGINEER
CONST.REV.
R/W REV.
LOCATION: NC 16 AND NC 150 INTERCHANGE
TIP NO.: R-2206C
COUNTY: LINCOLN & CATAWBA
DESIGNED BY: J TYSON
DATE: 10-99
CHECKED BY: WC PARKER
DATE: 03-01