PROJECT REFERENCE NO.	SHEET NO.
R-2206C	29
R/W SHEET NO.	

METRIC

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 15356 RONALD DAVID ALLEN 9-2-04

HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 14160 DOUGLAS J. SAUNDERS 9/30/04

CONST. REV.

R/W REV.

-L-

PIs Sta 256+94.656	PI Sta 260+42.049	PIs Sta 264+18.607	PI Sta 265+95.400
Θs = 0° 27' 30.1"	Δ = 15° 13' 19.3" (LT)	Θs = 0° 54' 59.9"	Δ = 18° 35' 31.4" (LT)
Ls = 40.000	L = 664.186	Θs = 2° 37' 09.5"	L = 283.931
LT = 26.667	T = 334.060	Ls = 80.000	T = 143.224
ST = 13.333	R = 2,500.000	LT = 46.432	R = 875.000
	e = 0.02	ST = 33.592	e = 0.06

INTERSECTION WITH EXISTING NC 16

AVERAGE DAILY TRAFFIC 2003 / 2025

PROPOSED NC 16: 5,700 / 10,100 — -L-: 11,400 / 19,300

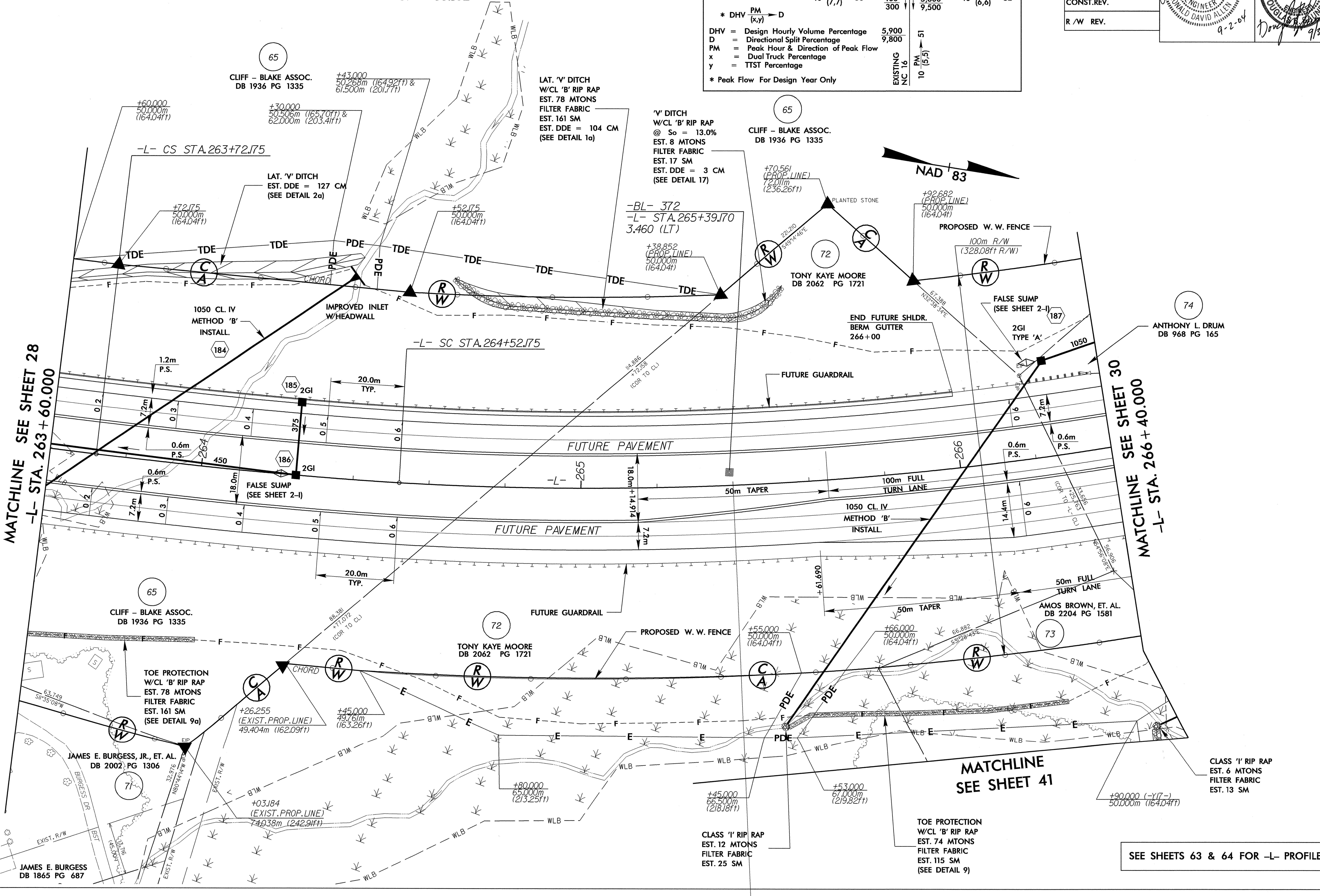
10 PM (7,7) → 53; 100 / 300; 5,800 / 9,500; 10 PM (6,6) → 52

EXISTING NC 16: 5,900 / 9,800; 10 PM (5,5) → 51

* DHV PM (x,y) → D

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



-L- CS STA. 263+72.175
-L- SC STA. 264+52.175
-BL- 372
-L- STA. 265+39.170
3.460 (LT)
NAD 83
CLIFF - BLAKE ASSOC.
DB 1936 PG 1335
TONY KAYE MOORE
DB 2062 PG 1721
ANTHONY L. DRUM
DB 968 PG 165
AMOS BROWN, ET. AL.
DB 2204 PG 1581
JAMES E. BURGESS, JR., ET. AL.
DB 2002 PG 1306
JAMES E. BURGESS
DB 1865 PG 687
LAT. 'V' DITCH
EST. DDE = 127 CM
(SEE DETAIL 2a)
LAT. 'V' DITCH
W/CL 'B' RIP RAP
EST. 78 MTONS
FILTER FABRIC
EST. 161 SM
EST. DDE = 104 CM
(SEE DETAIL 1a)
'V' DITCH
W/CL 'B' RIP RAP
@ So = 13.0%
EST. 8 MTONS
FILTER FABRIC
EST. 17 SM
EST. DDE = 3 CM
(SEE DETAIL 17)
PLANTED STONE
PROPOSED W. W. FENCE
100m R/W
(328.08ft R/W)
FALSE SUMP
(SEE SHEET 2-I)
2GI
TYPE 'A'
END FUTURE SHLDR.
BERM GUTTER
266+00
1050 CL. IV
METHOD 'B'
INSTALL.
IMPROVED INLET
W/HEADWALL
FUTURE GUARDRAIL
FUTURE PAVEMENT
50m TAPER
100m FULL TURN LANE
50m FULL TURN LANE
MATCHLINE SEE SHEET 28
-L- STA. 263+60.000
MATCHLINE SEE SHEET 30
-L- STA. 266+40.000
MATCHLINE SEE SHEET 41
TOE PROTECTION
W/CL 'B' RIP RAP
EST. 78 MTONS
FILTER FABRIC
EST. 161 SM
(SEE DETAIL 9a)
TOE PROTECTION
W/CL 'B' RIP RAP
EST. 74 MTONS
FILTER FABRIC
EST. 115 SM
(SEE DETAIL 9)
CLASS 'I' RIP RAP
EST. 12 MTONS
FILTER FABRIC
EST. 25 SM
CLASS 'I' RIP RAP
EST. 6 MTONS
FILTER FABRIC
EST. 13 SM
BURGESS DR

SEE SHEETS 63 & 64 FOR -L- PROFILE

REVISIONS