PROJECT REFERENCE NO.	SHEET NO.
R-2206C	29
R /W SHEET NO.	29
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

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

INTERSECTION WITH EXISTING NC 16

AVERAGE DAILY TRAFFIC 2003 / 2023

PROPOSED NC 16 — 5,700 / 9,700 — -L- — 11,400 / 18,600

* DHV (x,y) PM → D: 10 PM (7,7) → 53; 100 / 300

EXISTING NC 16: 5,800 / 9,200 — 10 PM (6,6) → 52; 10 PM (5,5) → 51

DHV = Design Hourly Volume Percentage — 5,900 / 9,500
D = Directional Split Percentage
PM = Peak Hour & Direction of Peak Flow
x = Dual Truck Percentage
y = TTST Percentage

* Peak Flow For Design Year Only

NAD 83

MATCHLINE SEE SHEET 28 -L- STA. 263+60.000

MATCHLINE SEE SHEET 30 -L- STA. 266+40.000

-L- CS STA. 263+72.175

-L- SC STA. 264+52.175

-BL- 372
-L- STA. 265+34.256
3.460 (LT)

-L- 262+80 MED
-L- 264+20 MED

-L- 262+80 to 263+20 LT
-L- 263+40 to 263+80 LT
-L- 263+80 to 264+32 LT
-L- 264+60 to 265+40 LT

PI Sta. 260+42.049
Δ = 15°53'30.5" (RT)
L = 660.186
T = 332.060
R = 2,500.000

PI Sta. 264+18.607
Δ = 0°54'59.5" (RT)
L = 80.000
LT = 46.432
ST = 33.592

PI Sta. 265+95.400
Δ = 18°35'31.4" (LT)
L = 628.931
T = 317.224
R = 875.000

Point of Beg. Sta. 256+94.656
LATERAL 'V' DITCH
(Not to Scale)
Ls = 40.000
LT = 26.667
ST = 13.333

LATERAL 'V' DITCH
(Not to Scale)
Ls = 80.000
LT = 46.432
ST = 33.592

LATERAL 'V' DITCH
(Not to Scale)

FSM FALSE SUMP
(Not to Scale)

'V' DITCH @ S=13.0%
SEE DETAIL
EST. 8 TONS
EST. 17 S.M. F.F.
EST. 3 C.M. D.D.E.

LAT. 'V' DITCH
SEE DETAIL

'V' DITCH
SEE DETAIL
EST. 78 TONS
EST. 161 S.M. F.F.

IMPROVED INLET W/ HW

FUTURE GUARDRAIL

RESIDUAL

FUTURE PAVEMENT

2GI

2GI-N/S

SEE DETAIL FSM

20.0m TYP.

50m TAPER

100m FULL TURN LANE

50m FULL TURN LANE

N 5°53'35.2" W

N 16°59'03.1" W

PLANTED STONE

JOAN MOORE REED
DB 2058 PG 1804
TOE PROTECTION
SEE DETAIL
EST. 33 TONS
EST. 68 S.M. F.F.

END SHLDR
BERM GUTTER
+00

SEE DETAIL
FSM
2GI-B
P.S. TYPE

1050 CL. IV RCP W/ METHOD 'B' INSTALLATION

CLASS 'I' RIP RAP
EST. 12 TONS
EST. 25 S.M. F.F.

CMH HOMES INC.
DB 1970 PG 1456
TOE PROTECTION
SEE DETAIL
EST. 22 TONS
EST. 47 S.M. F.F.

CLIFF - BLAKE ASSOC.
DB 1936 PG 1335
TOE PROTECTION
SEE DETAIL
EST. 65 TONS
EST. 107 S.M. F.F.

JAMES E. BURGESS, JR.
DB 2002 PG 1306

JAMES E. BURGESS
DB 1865 PG 687

BURGESS DR.

EXIST. R/W

SEE SHEETS 63 & 64 FOR -L- PROFILE

8/27/08
$$$$USERNAME$$$$
$$$$SETTING$$$$