

1R 90WB / RAMP F3 GORE

Transition from 0.016 to 0.028

$$A (60 \text{ mph}) = 222$$

$$(222)(24)(0.028 - 0.016) = 63.94$$

$$PC 400 + 00 = 296 + 05.18$$

DO 70% prior to PC

$$[(0.07)(0.028) - 0.016](222)(24) = 19.18 \text{ ft}$$

$$PC 296 + 05.18 + 19.18 = 296 + 24.36 \quad 0.016$$

$$296 + 24.36 - 63.94 = 295 + 60.42 \quad 0.028$$

BURGESS & NIPLE COMPUTATION SHEET

JOB NO. 40566 JOB NAME Contract Group 4 SHEET 1 OF 1 SHEETS
SUBJECT RAMP F3 GORE PREPARED BY AUR DATE 1-15-2010
SCALE _____ CHECKED BY DLL DATE 02-02-2010

RAMP F3/SR2 GORE

Transition from 5.6 to 2.44 →

$G = 208$ (matching spiral G value)

$$(208)(0.056 - 0.0244)(24) = 157.74'$$

From Super Spreadsheet →

transition from 6.0 to -2.44 across spiral

$$423 + 20.29 = 0.060$$

$$426 + 20.29 = 0.00$$

$$427 + 41.59 = 74 + 79.57 = -0.0244 \text{ (SR2 STA.)}$$

↳ 74 + 82.20 ✕ SR2 WB stationing

$$74 + 82.20 - 157.74 = 73 + 24.46 \rightarrow 0.056$$

BURGESS & NIPLE COMPUTATION SHEET

JOB NO. 40566 JOB NAME CCG4 SHEET 1 OF 1 SHEETS
SUBJECT RAMP F3/SR2 GORE PREPARED BY ALR DATE 1/14/2010
SCALE _____ CHECKED BY NCL DATE 02-03-2010