THIS PROJECT HAS A TOTAL DRAINAGE AREA OF 197.09 ACRES AND EXPECTED DISTURBED AREA IS 80.66 ACRES. TOTAL PROJECT AREA 106.50 ACRES

ALTERNATE MONITORING SITE
STA 22+88.85 BUCK CORBIN RD
35.51' RT

STA. 16+00 RIGHT
DITCH OUTFALL
DRAINAGE AREA = 0.45 AC
DISTURBED AREA = 0.45 AC
C (PRE-CONSTRUCTION) = 0.50
C (POST-CONSTRUCTION) = 0.50
Q50 = 2.17 CFS
Q100 = 2.45 CFS
V50 = 0.27 FT/S
V100 = 0.31 FT/S

STA. 16+00 RIGHT
DITCH OUTFALL
DRAINAGE AREA = 0.87 AC
DISTURBED AREA = 0.87 AC
C (PRE-CONSTRUCTION) = 0.58
C (POST-CONSTRUCTION) = 0.58
Q50 = 4.86 CFS
Q100 = 5.49 CFS
V50 = 0.95 FT/S
V100 = 1.07 FT/S

STA. 183+00 RIGHT
DITCH OUTFALL
DRAINAGE AREA = 19.90 AC
DISTURBED AREA = 5.06 AC
C (PRE-CONSTRUCTION) = 0.37
C (POST-CONSTRUCTION) = 0.37
Q50 = 49.87 CFS
Q100 = 56.75 CFS
V50 = 3.00 FT/S
V100 = 3.41 FT/S

STA. 170+00 TO 183+00 LEFT
SHEET FLOW
DRAINAGE AREA = 1.44 AC
DISTURBED AREA = 1.44 AC
C (PRE-CONSTRUCTION) = 0.56
C (POST-CONSTRUCTION) = 0.56
Q50 = 7.77 CFS
Q100 = 8.78 CFS

STA. 13+52 TO 19+22 LEFT
SHEET FLOW
DRAINAGE AREA = 0.64 AC
DISTURBED AREA = 0.64 AC
C (PRE-CONSTRUCTION) = 0.56
C (POST-CONSTRUCTION) = 0.56
Q50 = 3.45 CFS
Q100 = 3.90 CFS

STA. 22+88 TO 24+00 RIGHT
SHEET FLOW
DRAINAGE AREA = 0.16 AC
DISTURBED AREA = 0.16 AC
C (PRE-CONSTRUCTION) = 0.56
C (POST-CONSTRUCTION) = 0.56
Q50 = 0.86 CFS
Q100 = 0.98 CFS

STA. 24+00 RIGHT
DITCH OUTFALL
DRAINAGE AREA = 0.69 AC
DISTURBED AREA = 0.69 AC
C (PRE-CONSTRUCTION) = 0.54
C (POST-CONSTRUCTION) = 0.54
Q50 = 3.59 CFS
Q100 = 4.06 CFS
V50 = 0.84 FT/S
V100 = 0.95 FT/S

STA. 194+48 TO 183+00 LEFT
SHEET FLOW
DRAINAGE AREA = 1.69 AC
DISTURBED AREA = 1.69 AC
C (PRE-CONSTRUCTION) = 0.56
C (POST-CONSTRUCTION) = 0.56
Q50 = 9.12 CFS
Q100 = 10.30 CFS

STA. 22+37 RIGHT
DITCH OUTFALL
DRAINAGE AREA = 0.10 AC
DISTURBED AREA = 0.10 AC
C (PRE-CONSTRUCTION) = 0.45
C (POST-CONSTRUCTION) = 0.45
Q50 = 0.43 CFS
Q100 = 0.49 CFS
V50 = 0.16 FT/S
V100 = 0.18 FT/S

STA. 22+37 LEFT
DITCH OUTFALL
DRAINAGE AREA = 0.10 AC
DISTURBED AREA = 0.10 AC
C (PRE-CONSTRUCTION) = 0.45
C (POST-CONSTRUCTION) = 0.45
Q50 = 0.43 CFS
Q100 = 0.49 CFS
V50 = 0.16 FT/S
V100 = 0.18 FT/S

STA. 22+37 LEFT
DITCH OUTFALL
DRAINAGE AREA = 0.91 AC
DISTURBED AREA = 0.91 AC
C (PRE-CONSTRUCTION) = 0.51
C (POST-CONSTRUCTION) = 0.51
Q50 = 4.47 CFS
Q100 = 5.05 CFS
V50 = 1.05 FT/S
V100 = 1.18 FT/S

STA. 117+00 RIGHT
DITCH OUTFALL
DRAINAGE AREA = 0.56 AC
DISTURBED AREA = 0.56 AC
C (PRE-CONSTRUCTION) = 0.52
C (POST-CONSTRUCTION) = 0.52
Q50 = 2.81 CFS
Q100 = 3.17 CFS
V50 = 0.31 FT/S
V100 = 0.35 FT/S

STA. 117+00 LEFT
DITCH OUTFALL
DRAINAGE AREA = 0.43 AC
DISTURBED AREA = 0.43 AC
C (PRE-CONSTRUCTION) = 0.36
C (POST-CONSTRUCTION) = 0.36
Q50 = 1.49 CFS
Q100 = 1.69 CFS
V50 = 0.54 FT/S
V100 = 0.61 FT/S

STA. 198+00 RIGHT
DITCH OUTFALL
DRAINAGE AREA = 0.21 AC
DISTURBED AREA = 0.21 AC
C (PRE-CONSTRUCTION) = 0.66
C (POST-CONSTRUCTION) = 0.66
Q50 = 1.34 CFS
Q100 = 1.51 CFS
V50 = 0.06 FT/S
V100 = 0.07 FT/S

STA. 212+50 RIGHT
DITCH OUTFALL
DRAINAGE AREA = 1.05 AC
DISTURBED AREA = 1.05 AC
C (PRE-CONSTRUCTION) = 0.47
C (POST-CONSTRUCTION) = 0.47
Q50 = 4.76 CFS
Q100 = 5.37 CFS
V50 = 0.45 FT/S
V100 = 0.51 FT/S

STA. 220+00.00
STA. 220+00.84
BEGIN PROJECT
EDS00-0545-00(018)
BEGIN CONSTRUCTION
STATION 220+00.84
STA. 220+00.00
END PROJECT
EDS00-0545-00(017)
N 863348.25
E 608331.88

USE ON CONSTRUCTION

REEDY CREEK

STA. 167+50 LEFT
DITCH OUTFALL
DRAINAGE AREA = 1.67 AC
DISTURBED AREA = 1.67 AC
C (PRE-CONSTRUCTION) = 0.78
C (POST-CONSTRUCTION) = 0.78
Q50 = 9.34 CFS
Q100 = 10.54 CFS
V50 = 0.78 FT/S
V100 = 0.88 FT/S

MATCH LINE STA 150+50

STA. 183+00 RIGHT
DITCH OUTFALL
DRAINAGE AREA = 19.90 AC
DISTURBED AREA = 5.06 AC
C (PRE-CONSTRUCTION) = 0.37
C (POST-CONSTRUCTION) = 0.37
Q50 = 49.87 CFS
Q100 = 56.75 CFS
V50 = 3.00 FT/S
V100 = 3.41 FT/S

STA. 104+00 RIGHT
DITCH OUTFALL
DRAINAGE AREA = 0.41 AC
DISTURBED AREA = 0.41 AC
C (PRE-CONSTRUCTION) = 0.30
C (POST-CONSTRUCTION) = 0.30
Q50 = 1.19 CFS
Q100 = 1.34 CFS
V50 = 0.20 FT/S
V100 = 0.22 FT/S

STA. 21+00 RIGHT
DITCH OUTFALL
DRAINAGE AREA = 8.87 AC
DISTURBED AREA = 0.73 AC
C (PRE-CONSTRUCTION) = 0.31
C (POST-CONSTRUCTION) = 0.31
Q50 = 18.60 CFS
Q100 = 21.17 CFS
V50 = 2.32 FT/S
V100 = 2.64 FT/S

STA. 170+28 RIGHT
DITCH OUTFALL
DRAINAGE AREA = 6.13 AC
DISTURBED AREA = 3.52 AC
C (PRE-CONSTRUCTION) = 0.31
C (POST-CONSTRUCTION) = 0.31
Q50 = 12.71 CFS
Q100 = 14.46 CFS
V50 = 1.86 FT/S
V100 = 2.11 FT/S

STA. 104+00 RIGHT
DITCH OUTFALL
DRAINAGE AREA = 0.86 AC
DISTURBED AREA = 0.86 AC
C (PRE-CONSTRUCTION) = 0.31
C (POST-CONSTRUCTION) = 0.31
Q50 = 2.54 CFS
Q100 = 2.87 CFS
V50 = 0.69 FT/S
V100 = 0.67 FT/S

STA. 212+50 RIGHT
DITCH OUTFALL
DRAINAGE AREA = 1.71 AC
DISTURBED AREA = 1.71 AC
C (PRE-CONSTRUCTION) = 0.47
C (POST-CONSTRUCTION) = 0.47
Q50 = 7.75 CFS
Q100 = 8.75 CFS
V50 = 1.13 FT/S
V100 = 1.28 FT/S

STA. 220+00 LEFT
DITCH OUTFALL
DRAINAGE AREA = 21.16 AC
DISTURBED AREA = 5.58 AC
C (PRE-CONSTRUCTION) = 0.38
C (POST-CONSTRUCTION) = 0.38
Q50 = 57.31 CFS
Q100 = 65.13 CFS
V50 = 6.20 FT/S
V100 = 7.05 FT/S

STA. 168+00 RIGHT
DITCH OUTFALL
DRAINAGE AREA = 26.14 AC
DISTURBED AREA = 3.97 AC
C (PRE-CONSTRUCTION) = 0.33
C (POST-CONSTRUCTION) = 0.33
Q50 = 56.54 CFS
Q100 = 64.38 CFS
V50 = 1.41 FT/S
V100 = 1.61 FT/S

STA. 21+00 LEFT
DITCH OUTFALL
DRAINAGE AREA = 12.75 AC
DISTURBED AREA = 0.83 AC
C (PRE-CONSTRUCTION) = 0.31
C (POST-CONSTRUCTION) = 0.31
Q50 = 26.03 CFS
Q100 = 29.63 CFS
V50 = 3.24 FT/S
V100 = 3.69 FT/S

STA. 198+06 TO 202+00 RIGHT
SHEET FLOW
DRAINAGE AREA = 0.82 AC
DISTURBED AREA = 0.82 AC
C (PRE-CONSTRUCTION) = 0.56
C (POST-CONSTRUCTION) = 0.56
Q50 = 4.43 CFS
Q100 = 5.08 CFS

STA. 204+00 TO 205+98 RIGHT
SHEET FLOW
DRAINAGE AREA = 0.18 AC
DISTURBED AREA = 0.18 AC
C (PRE-CONSTRUCTION) = 0.56
C (POST-CONSTRUCTION) = 0.56
Q50 = 0.97 CFS
Q100 = 1.10 CFS

STA. 220+00 RIGHT
DITCH OUTFALL
DRAINAGE AREA = 4.42 AC
DISTURBED AREA = 1.06 AC
C (PRE-CONSTRUCTION) = 0.34
C (POST-CONSTRUCTION) = 0.34
Q50 = 13.35 CFS
Q100 = 15.10 CFS
V50 = 0.73 FT/S
V100 = 0.82 FT/S

GEORGIA
DEPARTMENT OF TRANSPORTATION

SCALE IN FEET
0 300 600 1200

REVISION DATES
06-10-11
10-20-11

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: ROADWAY DESIGN

EROSION CONTROL DRAINAGE AREA MAP

DRAWING No. 53-002

1/5/2009 GPLN