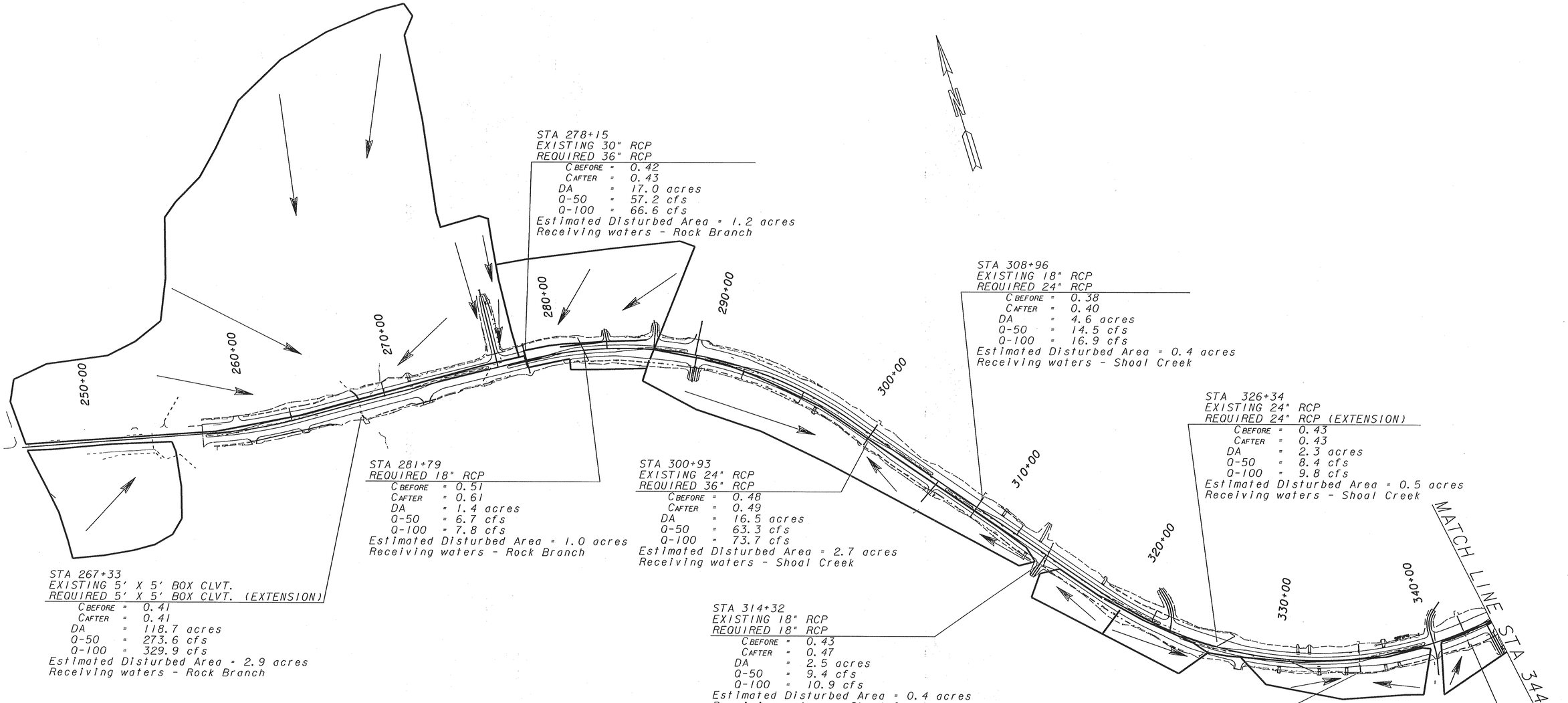
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	STP-164-1(36)	263A	302



STA 278+15
EXISTING 30" RCP
REQUIRED 36" RCP
C_{BEFORE} = 0.42
C_{AFTER} = 0.43
DA = 17.0 acres
Q-50 = 57.2 cfs
Q-100 = 66.6 cfs
Estimated Disturbed Area = 1.2 acres
Receiving waters - Rock Branch

STA 308+96
EXISTING 18" RCP
REQUIRED 24" RCP
C_{BEFORE} = 0.38
C_{AFTER} = 0.40
DA = 4.6 acres
Q-50 = 14.5 cfs
Q-100 = 16.9 cfs
Estimated Disturbed Area = 0.4 acres
Receiving waters - Shoal Creek

STA 326+34
EXISTING 24" RCP
REQUIRED 24" RCP (EXTENSION)
C_{BEFORE} = 0.43
C_{AFTER} = 0.43
DA = 2.3 acres
Q-50 = 8.4 cfs
Q-100 = 9.8 cfs
Estimated Disturbed Area = 0.5 acres
Receiving waters - Shoal Creek

STA 281+79
REQUIRED 18" RCP
C_{BEFORE} = 0.51
C_{AFTER} = 0.61
DA = 1.4 acres
Q-50 = 6.7 cfs
Q-100 = 7.8 cfs
Estimated Disturbed Area = 1.0 acres
Receiving waters - Rock Branch

STA 300+93
EXISTING 24" RCP
REQUIRED 36" RCP
C_{BEFORE} = 0.48
C_{AFTER} = 0.49
DA = 16.5 acres
Q-50 = 63.3 cfs
Q-100 = 73.7 cfs
Estimated Disturbed Area = 2.7 acres
Receiving waters - Shoal Creek

STA 267+33
EXISTING 5' X 5' BOX CLVT.
REQUIRED 5' X 5' BOX CLVT. (EXTENSION)
C_{BEFORE} = 0.41
C_{AFTER} = 0.41
DA = 118.7 acres
Q-50 = 273.6 cfs
Q-100 = 329.9 cfs
Estimated Disturbed Area = 2.9 acres
Receiving waters - Rock Branch

STA 314+32
EXISTING 18" RCP
REQUIRED 18" RCP
C_{BEFORE} = 0.43
C_{AFTER} = 0.47
DA = 2.5 acres
Q-50 = 9.4 cfs
Q-100 = 10.9 cfs
Estimated Disturbed Area = 0.4 acres
Receiving waters - Shoal Creek

STA 335+38
EXISTING 30" RCP
REQUIRED 30" RCP (EXTENSION)
C_{BEFORE} = 0.53
C_{AFTER} = 0.54
DA = 7.3 acres
Q-50 = 31.2 cfs
Q-100 = 36.4 cfs
Estimated Disturbed Area = 1.9 acres
Receiving waters - Shoal Creek

STA 342+16
EXISTING 18" RCP
REQUIRED 18" RCP (EXTENSION)
C_{BEFORE} = 0.52
C_{AFTER} = 0.55
DA = 4.2 acres
Q-50 = 18.1 cfs
Q-100 = 21.1 cfs
Estimated Disturbed Area = 1.7 acres
Receiving waters - Shoal Creek

NOTE: THE PROJECT HAS A TOTAL AREA OF 82.7 ACRES AND THE EXPECTED DISTURBED AREA IS 68.1 ACRES

SCALE IN FEET
0 300 600 1200

DATE	REVISIONS	DATE	REVISIONS

GEORGIA
DEPARTMENT OF TRANSPORTATION
DRAINAGE MAP
PROJ. STP-164-1(36) COWETA CO.
DATE 6/30/03 SHEET 1 of 2
STA. 250+00 TO STA. 344+00

DGN$SPECIFICATION$$$$$$$$$$$$$$$$$$$$$$
SHOWDATETIME$$$$$$