STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	NHS00-0004-00(290)	160	189

STA 7+29.64/36.89 LT
Double 36" DRAINAGE PIPE
OUTLET PROTECTION
TYPE 3 RIP RAP 24"
SKEW ANGLE 37.11°
AREA = 5.67 ACRES
EXIST (CFS)
Q10 = 20.80
PROP. (CFS)
Q10 = 44.93
DISTURBED AREA= 4.50 ACRES
RUNOFF COEFFICIENTS
C BEFORE= 0.69
C AFTER = 0.77
Velocity = 5.16FT/SEC

DS-A25
STA 9+00 LT W. First St.
Double 36" STORM DRAIN PIPE
AREA = 6.62 ACRES
Q10 = 50.94 CFS
RUNOFF COEFFICIENTS
C = 0.90
V 10= 4.44 ft/s

DS-A23
STA 14+20 LT W. First St.
Double 36" STORM DRAIN PIPE
AREA = 6.32 ACRES
Q10 = 48.94 CFS
RUNOFF COEFFICIENTS
C = 0.90
V 10= 3.78 ft/s

DS-A21
STA 19+40 LT W. First St.
Double 36" STORM DRAIN PIPE
AREA = 6.18 ACRES
Q10 = 48.02 CFS
RUNOFF COEFFICIENTS
C = 0.90
V 10= 3.65 ft/s

DS-A15
STA 9+93.18 LT E. First St.
Double 36" STORM DRAIN PIPE
AREA = 5.47 ACRES
Q10 = 37.30 CFS
RUNOFF COEFFICIENTS
C = 0.90
V 10= 2.85 ft/s

DS-A5
STA 9+71.38 RT Tennille Ave.
30" STORM DRAIN PIPE
AREA = 1.71 ACRES
Q10 = 11.17 CFS
RUNOFF COEFFICIENTS
C = 0.90
V 10= 2.66 ft/s

DS-A12
STA 8+15.LT Tennille Ave.
36" STORM DRAIN PIPE
AREA = 3.46 ACRES
Q10 = 22.69 CFS
RUNOFF COEFFICIENTS
C = 0.90
V 10= 3.32 ft/s

DS-A26
STA 7+26.01 LT W. First St.
Double 36" STORM DRAIN PIPE
AREA = 6.66 ACRES
Q10 = 51.31 CFS
RUNOFF COEFFICIENTS
C = 0.90
V 10= 5.88 ft/s

DS-A19
STA 0+52.86 LT E. First St.
Double 36" STORM DRAIN PIPE
AREA = 5.96 ACRES
Q10 = 46.60CFS
RUNOFF COEFFICIENTS
C = 0.90
V 10= 3.50 ft/s

DA-A14
STA 8+71.38 LT Tennille Ave.
36" STORM DRAIN PIPE
AREA = 5.30 ACRES
Q10 = 35.32 CFS
RUNOFF COEFFICIENTS
C = 0.90
V 10= 2.70 ft/s

DA-A4
STA 8+15 RT Tennille Ave.
30" STORM DRAIN PIPE
AREA = 1.45 ACRES
Q10 = 9.50 CFS
RUNOFF COEFFICIENTS
C = 0.90
V 10= 3.70 ft/s

STA 5+50 LT Tennille Ave.
36" STORM DRAIN PIPE
AREA = 3.20 ACRES
Q10 = 21.00CFS
RUNOFF COEFFICIENTS
C = 0.90
V 10= 3.00 ft/s

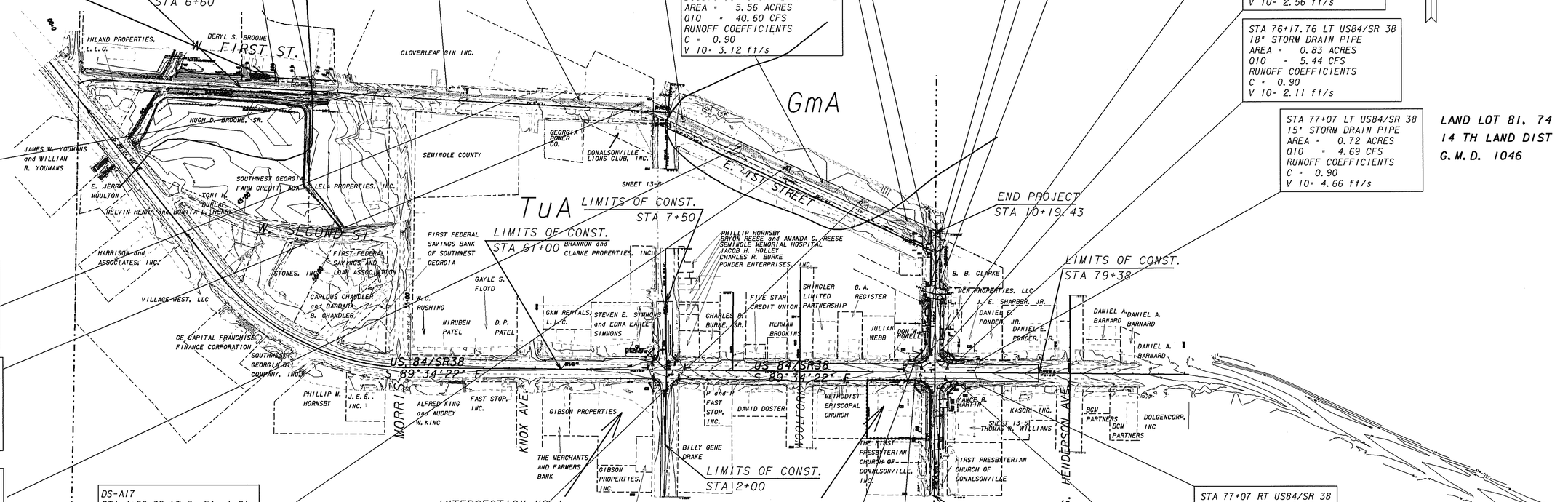
STA 5+50 RT Tennille Ave.
30" STORM DRAIN PIPE
AREA = 1.05 ACRES
Q10 = 6.86 CFS
RUNOFF COEFFICIENTS
C = 0.90
V 10= 2.56 ft/s

STA 76+17.76 LT US84/SR 38
18" STORM DRAIN PIPE
AREA = 0.83 ACRES
Q10 = 5.44 CFS
RUNOFF COEFFICIENTS
C = 0.90
V 10= 2.11 ft/s

STA 77+07 LT US84/SR 38
15" STORM DRAIN PIPE
AREA = 0.72 ACRES
Q10 = 4.69 CFS
RUNOFF COEFFICIENTS
C = 0.90
V 10= 4.66 ft/s

DS-A16 A
STA 6+40.32 LT E. First St.
Double 36" STORM DRAIN PIPE
AREA = 5.56 ACRES
Q10 = 40.60 CFS
RUNOFF COEFFICIENTS
C = 0.90
V 10= 3.12 ft/s

LAND LOT 81, 74
14 TH LAND DIST
G.M.D. 1046



DS-A24
STA 11+60 LT W. First St.
Double 36" STORM DRAIN PIPE
AREA = 6.51 ACRES
Q10 = 50.19 CFS
RUNOFF COEFFICIENTS
C = 0.90
V 10= 4.01 ft/s

DS-A22
STA 16+80 LT W. First St.
Double 36" STORM DRAIN PIPE
AREA = 6.32 ACRES
Q10 = 48.94 CFS
RUNOFF COEFFICIENTS
C = 0.90
V 10= 3.73 ft/s

DS-A21
STA 21+77.41 LT W. First St.
Double 36" STORM DRAIN PIPE
AREA = 5.96 ACRES
Q10 = 46.60 CFS
RUNOFF COEFFICIENTS
C = 0.90
V 10= 3.51 ft/s

DS-A18
STA 2+92.86 LT E. First St.
Double 36" STORM DRAIN PIPE
AREA = 5.86 ACRES
Q10 = 45.94 CFS
RUNOFF COEFFICIENTS
C = 0.90
V 10= 3.46 ft/s

DS-A17
STA 4+82.32 LT E. First St.
Double 36" STORM DRAIN PIPE
AREA = 5.70 ACRES
Q10 = 43.26 CFS
RUNOFF COEFFICIENTS
C = 0.90
V 10= 3.25 ft/s

DS-A16
STA 7+98.32 LT E. First St.
Double 36" STORM DRAIN PIPE
AREA = 5.70 ACRES
Q10 = 43.26 CFS
RUNOFF COEFFICIENTS
C = 0.90
V 10= 3.25 ft/s

STA 74+31.71 LT US84/SR 38
30" STORM DRAIN PIPE
AREA = 3.03 ACRES
Q10 = 19.88 CFS
RUNOFF COEFFICIENTS
C = 0.90
V 10= 2.81 ft/s

STA 74+31.71 RT US84/SR 38
24" STORM DRAIN PIPE
AREA = 2.82 ACRES
Q10 = 18.46 CFS
RUNOFF COEFFICIENTS
C = 0.90
V 10= 3.77 ft/s

STA 77+07 RT US84/SR 38
18" STORM DRAIN PIPE
AREA = 1.52 ACRES
Q10 = 9.83 CFS
RUNOFF COEFFICIENTS
C = 0.90
V 10= 5.42 ft/s

STA 76+17 RT US84/SR 38
18" STORM DRAIN PIPE
AREA = 1.51 ACRES
Q10 = 9.90 CFS
RUNOFF COEFFICIENTS
C = 0.90
V 10= 3.73 ft/s

RECEIVING WATERS: FISH POND DRAIN

THIS PROJECT HAS A TOTAL AREA OF 5.67 ACRES
AND THE EXPECTED DISTURBED AREA IS 4.5 ACRES

SCALE IN FEET
0 200 400 800

DATE	REVISIONS	DATE	REVISIONS
4 13 11	ADDED RECEIVING WATERS NAME		

GEORGIA
DEPARTMENT OF TRANSPORTATION
EROSION PLNS
DRAINAGE AREA MAP

Wed Aug 31 12:37:36 2011
Wed Aug 31 12:37:36 2011