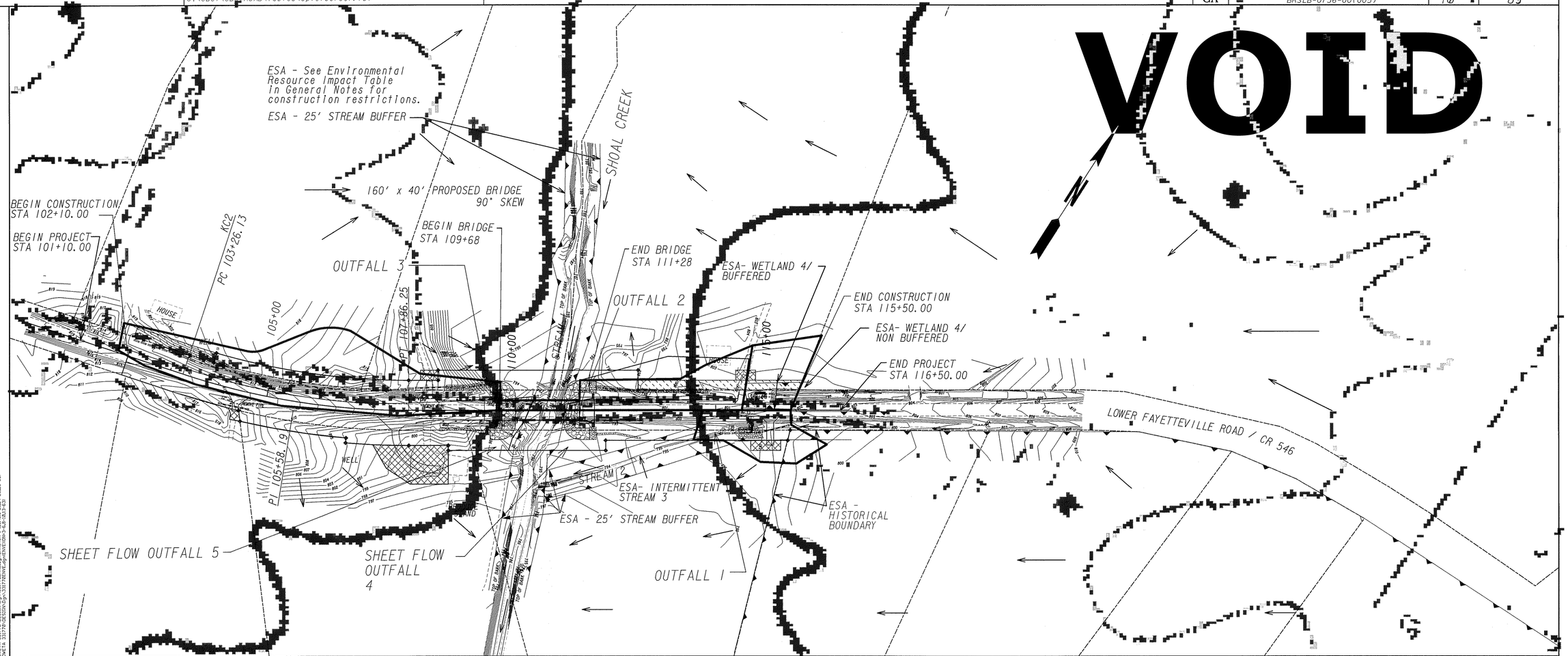

OUTFALL 1 - STA 113+50 RIGHT DITCH

TOTAL AREA DRAINED = 0.79 ACRES
TOTAL DISTURBED AREA = 0.34 ACRES

PRE CONSTRUCTION Q50= 39.0 cf/s
PRE CONSTRUCTION Q100= 45.0 cf/s
POST CONSTRUCTION Q50= 39.0 cf/s
POST CONSTRUCTION Q100= 45.0 cf/s

PRE CONSTRUCTION V50= 3.00 ft/s
PRE CONSTRUCTION V100= 3.11 ft/s
POST CONSTRUCTION V50= 3.0 ft/s
POST CONSTRUCTION V100= 3.11 ft/s

PRE RUNOFF COEFFICIENT= 0.29
POST RUNOFF COEFFICIENT= 0.29

OUTFALL CHANNEL SLOPE = 1.0%

OUTFALL 2 - STA 111+50 LEFT SPILLWAY

TOTAL AREA DRAINED= 0.79 ACRES
TOTAL DISTURBED AREA = 0.53 ACRES

PRE CONSTRUCTION Q50= 3.5 cf/s
PRE CONSTRUCTION Q100= 4.0 cf/s
POST CONSTRUCTION Q50= 4.1 cf/s
POST CONSTRUCTION Q100=4.6 cf/s

PRE CONSTRUCTION V50= 1.55 ft/s
PRE CONSTRUCTION V100= 1.61 ft/s
POST CONSTRUCTION V50= 1.62 ft/s
POST CONSTRUCTION V100= 1.67 ft/s

PRE RUNOFF COEFFICIENT= 0.50
POST RUNOFF COEFFICIENT= 0.58

OUTFALL CHANNEL SLOPE = 3.0%

OUTFALL 3 - STA 109+68 LEFT DITCH

TOTAL AREA DRAINED= 1.80 ACRES
TOTAL DISTURBED AREA = 1.15 ACRES

PRE CONSTRUCTION Q50= 7.4 cf/s
PRE CONSTRUCTION Q100= 8.5 cf/s
POST CONSTRUCTION Q50= 7.6 cf/s
POST CONSTRUCTION Q100= 8.7 cf/s

PRE CONSTRUCTION V50= 2.25 ft/s
PRE CONSTRUCTION V100= 2.34 ft/s
POST CONSTRUCTION V50= 2.27 ft/s
POST CONSTRUCTION V100= 2.35 ft/s

PRE RUNOFF COEFFICIENT= 0.53
POST RUNOFF COEFFICIENT= 0.54

OUTFALL CHANNEL SLOPE = 8.2%

SHEET FLOW AREA 4 - STA 111+50 RIGHT SPILLWAY

TOTAL AREA DRAINED= 0.09 ACRES
TOTAL DISTURBED AREA = 0.04 ACRES

SHEET FLOW AREA 5 - STA 109+68 RIGHT SPILLWAY

TOTAL AREA DRAINED= 1.23 ACRES
TOTAL DISTURBED AREA = 1.21 ACRES

TOTAL PROJECT SIZE = 4.26 ACRES
TOTAL DISTURBED AREA = 3.67 ACRES
SHOAL CREEK DRAINAGE AREA = 17.12 SQ. MILES
RECEIVING WATERS: SHOAL CREEK

GEORGIA
DEPARTMENT OF TRANSPORTATION

SCALE IN FEET
0 100 200 400

REVISION DATES		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: PROGRAM DELIVERY

EROSION CONTROL DRAINAGE AREA MAP

DRAWING No. 53-001

3/1/2007 GPLN