11/7/2013 1:12:40 PM
USER:mnerenbaum

V:\1782\active\178202011\Roadway\DGN\001420DM01.dgn
300.0000 FT / IN.

| STATE | PROJECT NUMBER | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|
| GA | STP00-0001-00(420) | 67 | 322 |

VOID

THIS PROJECT HAS A TOTAL AREA OF 50.88 ACRES AND THE EXPECTED DISTURBED AREA IS 25.57 ACRES.

BEGIN PROJECT
STA 100+00.00
N 634847.1756
E 2292901.0633
LAT. 31°44'43.87"
LONG. 84°10'42.65"

END PROJECT
STA 195+50.00 SR 195
N 637250.2993
E 2299923.9764
LAT. 31°45'07.65"
LONG. 84°09'21.31"

BEGIN BRIDGE
STA. 115+32.22

END BRIDGE
STA. 118+61.22

SOUTH WESTERN RAILROAD (CSX)
CENTRAL OF GEORGIA RAILROAD COMPANY
SMITHVILLE AVE N
LEESBURG NORTH BYPASS
SR 195
LESLIE HWY
US 19/SR 3

ESA - WETLAND BOUNDARY #5
ESA - WETLAND BOUNDARY #13
ESA - WETLAND BOUNDARY #22
ESA - WETLAND BOUNDARY #23
ESA - WETLAND BOUNDARY #3
ESA - WETLAND BOUNDARY #14
ESA - WETLAND BOUNDARY #25
ESA - HISTORIC BOUNDARY

EPHERMERAL CHANNEL 04
EPHERMERAL CHANNEL 26

A B D E F G H I J N O P

Upper Sch

PROPOSED CROSS DRAIN CULVERTS

| BASIN | STATION NO. | SIZE (INCHES OR FEET) | RIPRAP (SY) | SKEW ANGLE | RDWAY OVERTOPPING ELEVATION | DRAINAGE AREA (ACRES) | DISTURBED AREA (ACRES) | PRE RUNOFF VOLUME $Q_{50}$ (CFS) | PRE RUNOFF VOLUME $Q_{100}$ (CFS) | POST RUNOFF VOLUME $Q_{50}$ (CFS) | POST RUNOFF VOLUME $Q_{100}$ (CFS) | PRE VELOCITY $V_{50}$ | POST VELOCITY $V_{50}$ | PRE HEADWATER $H_{50}$ (FT) | PRE HEADWATER $H_{100}$ (FT) | POST HEADWATER $H_{50}$ (FT) | POST HEADWATER $H_{100}$ (FT) | RUNOFF COEFFICIENT, C $C_{BEFORE}$ | RUNOFF COEFFICIENT, C $C_{AFTER}$ | RECEIVING WATERS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 101+00.00 | 30" | 26 | 0°0'00.00" | 255.65 | 8.03 | 2.31 | 21.61 | 24.69 | 21.83 | 24.98 | X | 6.86 | X | X | 252.65 | 252.86 | 0.32 | 0.35 | KINCHAFOONEE CREEK |
| B | 120+54.77 | DBL 7' X 5' | 67 | -19°34'28.12" | 284.89 | 27.43 | 1.02 | 74.48 | 85.25 | 75.11 | 85.92 | X | 9.55 | X | X | 250.08 | 250.23 | 0.30 | 0.30 | WETLAND 3 |
| C | US 19 217+34.04 | 24" | - | -2°05'10.19" | 255.22 | 0.73 | 0.00 | 2.88 | 3.23 | 2.88 | 3.23 | 3.70 | 3.70 | 250.55 | 250.61 | 250.55 | 250.61 | 0.55 | 0.56 | KINCHAFOONEE CREEK |
| D | 136+00.00 | 24" | 77 | 0° | 257.67 | 15.29 | 1.95 | 42.89 | 49.15 | 41.23 | 47.25 | X | 7.59 | X | X | 253.62 | 253.81 | 0.30 | 0.31 | WETLAND 5 |
| E | 143+50.00 | 24" | 19 | 0° | 259.78 | 6.55 | 1.09 | 18.00 | 20.64 | 18.56 | 21.19 | X | 7.10 | X | X | 256.84 | 257.16 | 0.31 | 0.35 | MUCKALEE CREEK |
| F | 154+45.59 | 30" | 10 | -49°59'13.66" | 267.44 | 7.19 | 0.70 | 18.15 | 20.87 | 21.83 | 24.89 | X | 8.01 | X | X | 261.66 | 261.86 | 0.30 | 0.33 | MUCKALEE CREEK |
| G | 159+32.91 | 18" | 8 | -0°08'23.28" | 264.69 | 4.45 | 1.03 | 12.89 | 14.74 | 13.75 | 15.62 | X | 9.03 | X | X | 261.70 | 262.13 | 0.30 | 0.36 | WETLAND 23 |
| H | 181+89.98 | 36" | 15 | 17°09'31.61" | 262.04 | 9.25 | 2.24 | 24.81 | 28.50 | 30.28 | 34.28 | X | 6.91 | X | X | 257.04 | 257.25 | 0.30 | 0.38 | MUCKALEE CREEK |
| I | 188+00.00 | 18" | 19 | 0° | 258.76 | 2.46 | 0.42 | 6.25 | 7.19 | 7.08 | 8.09 | X | 5.46 | X | X | 254.14 | 254.33 | 0.30 | 0.33 | MUCKALEE CREEK |
| J | 192+73.18 | 2.5' X 3.0' | 11 | -0°20'07.97" | 259.05 | 5.48 | 0.20 | 13.66 | 15.68 | 14.82 | 16.93 | 6.42 | 7.78 | 255.48 | 255.59 | 255.78 | 255.92 | 0.31 | 0.31 | MUCKALEE CREEK |
| N | US 19 217+34.04 | 24" | - | -2°05'10.19" | 255.22 | 0.30 | .02 | 0.80 | 0.92 | 1.87 | 2.08 | 7.11 | 6.99 | 250.48 | 250.65 | 250.61 | 250.66 | 0.30 | 0.74 | KINCHAFOONEE CREEK |
| O | US 19 213+77.31 | 18" | - | 0°12'20.40" | 254.00 | 0.33 | .02 | 0.80 | 0.92 | 1.87 | 2.08 | 5.23 | 5.31 | 249.77 | 249.79 | 249.60 | 249.42 | 0.30 | 0.32 | KINCHAFOONEE CREEK |
| P | US 19 221+76.05 | 18" | - | 0°13'06.01" | 256.93 | 0.45 | .09 | 1.19 | 1.37 | 1.60 | 1.81 | 3.60 | 3.85 | 252.13 | 252.16 | 252.18 | 252.22 | 0.30 | 0.32 | KINCHAFOONEE CREEK |

Stantec

SCALE IN FEET
0 300 600 1200

| REVISION DATES |
|---|
| 11/07/13 |

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: PROGRAM DELIVERY

DRAINAGE AREA MAP

LEESBURG NORTH BYPASS
STP00-0001-00(420) 9/23/2013

DRAWING No. 21-001

GPLN