STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	CSSTP-0006-00(476)	182	221

Outfall No.	Outfall ID	Total Drainage area (acres)	Disturbed Area (acres)	BEFORE C = 0.15				AFTER C = 0.20			
				50 YEAR		100 YEAR		50 YEAR		100 YEAR	
	** DENOTES SHEET FLOW			Q	FPS	Q	FPS	Q	FPS	Q	FPS
	SITE #7	2.78	0.54								
19	STA.552+50 TO 554+39 RT	0.38	0.12	0.46	0.07	0.50	0.07	0.62	0.09	0.66	0.09
	STA.531+29 TO 533+80 RT **	0.96	0.14	1.17	0.17	1.26	0.18	1.56	0.22	1.68	0.24
20	STA.531+29 TO 533+80 LT	0.67	0.15	0.82	0.12	0.88	0.13	1.09	0.16	1.17	0.17
21	STA.552+50 TO 554+39 LT	0.77	0.13	0.94	0.13	1.01	0.14	1.25	0.18	1.35	0.19

STATE ROUTE 117 SAFETY IMPROVEMENTS
RECEIVING WATERS - GUM SWAMP CREEK

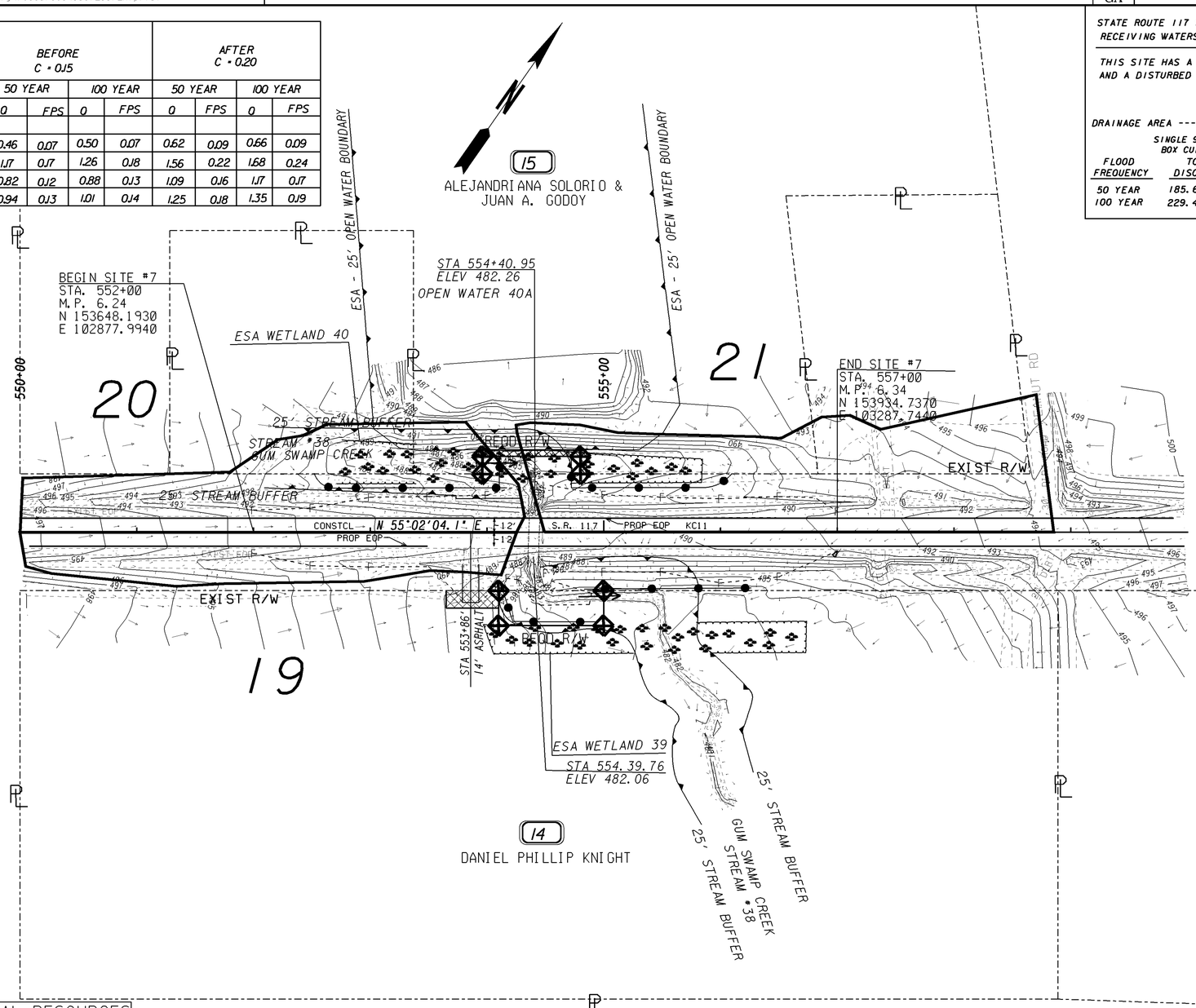
C = 0.15 BEFORE
C = 0.20 AFTER
CHANNEL SLOPE = 0.4541%

THIS SITE HAS A TOTAL AREA OF 1.01 ACRES
AND A DISTURBED AREA OF 0.62 ACRES

DRAINAGE DATA

DRAINAGE AREA ---------- 273.74 ACRES/ 0.4277183 SQ. MI.

FLOOD FREQUENCY	SINGLE 9' X 5' BOX CULVERT TOTAL DISCHARGE	SINGLE 9' X 5' BOX CULVERT MEAN VELOCITY
50 YEAR	185.63 CFS	2.0626 FPS
100 YEAR	229.45 CFS	2.5495 FPS



NOTE: ESA - SEE ENVIRONMENTAL RESOURCES IMPACT TABLE IN GENERAL NOTES FOR CONSTRUCTION RESTRICTIONS.

PROPERTY AND EXISTING R/W LINE	BEGIN LIMIT OF ACCESS ..... BLA
REQUIRED R/W LINE	END LIMIT OF ACCESS ..... ELA
CONSTRUCTION LIMITS	LIMIT OF ACCESS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	REQUIRED R/W AND LIMIT OF ACCESS
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

GEORGIA
DEPARTMENT OF TRANSPORTATION

SCALE IN FEET
0 50 100 200

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: DISTRICT 2 - DESIGN

EROSION CONTROL DRAINAGE AREA MAP

SITE 7
DODGE/LAURENS PI#0006476

DRAWING No. 53-007

1/5/2009 GPLN