

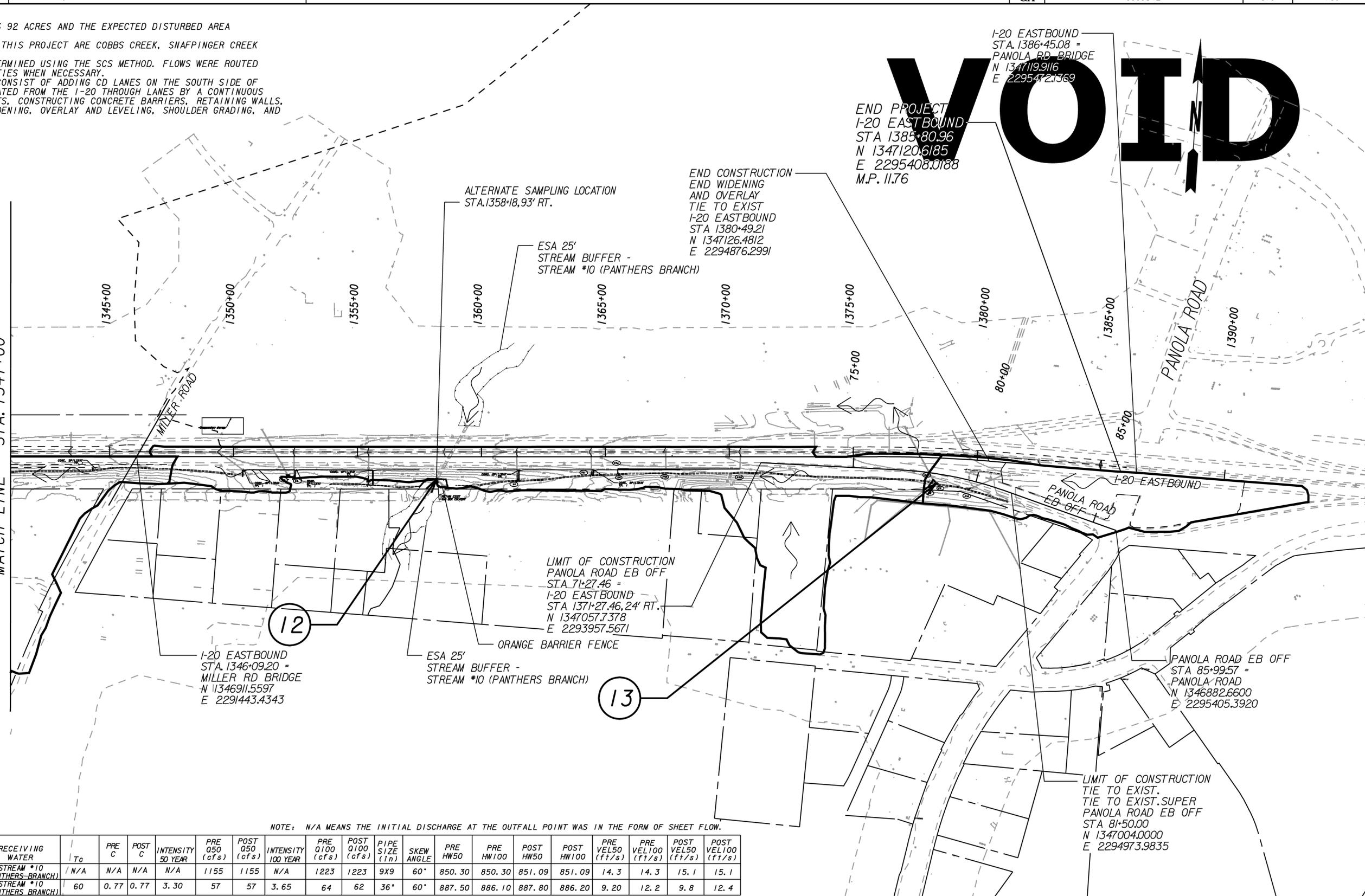
NOTE:
 1. THE TOTAL PROJECT AREA IS 92 ACRES AND THE EXPECTED DISTURBED AREA IS 65.6 ACRES.
 2. THE RECEIVING WATERS FOR THIS PROJECT ARE COBBS CREEK, SNAFFINGER CREEK AND PANTHERS BRANCH
 3. PEAK DISCHARGES WERE DETERMINED USING THE SCS METHOD. FLOWS WERE ROUTED THROUGH DETENTION FACILITIES WHEN NECESSARY.
 4. CONSTRUCTION ACTIVITIES CONSIST OF ADDING CD LANES ON THE SOUTH SIDE OF I-20 WHICH WILL BE SEPARATED FROM THE I-20 THROUGH LANES BY A CONTINUOUS BARRIER, RAMP IMPROVEMENTS, CONSTRUCTING CONCRETE BARRIERS, RETAINING WALLS, SOUND WALLS, PAVEMENT WIDENING, OVERLAY AND LEVELING, SHOULDER GRADING, AND DITCH GRADING.

VOID

I-20 EASTBOUND
 STA. 1386+45.08 =
 PANOLA RD BRIDGE
 N 1347119.916
 E 2295472.1369

END PROJECT
 I-20 EASTBOUND
 STA 1385+80.96
 N 1347120.6185
 E 2295408.0188
 M.P. 11.76

MATCH LINE - STA. 1341+00



ALTERNATE SAMPLING LOCATION
 STA. 1358+18.93' RT.

ESA 25'
 STREAM BUFFER -
 STREAM #10 (PANTHERS BRANCH)

END CONSTRUCTION
 END WIDENING
 AND OVERLAY
 TIE TO EXIST
 I-20 EASTBOUND
 STA 1380+49.21
 N 1347126.4812
 E 2294876.2991

LIMIT OF CONSTRUCTION
 PANOLA ROAD EB OFF
 STA 71+27.46 =
 I-20 EASTBOUND
 STA 1371+27.46, 24' RT.
 N 1347057.7378
 E 2293957.5671

ESA 25'
 STREAM BUFFER -
 STREAM #10 (PANTHERS BRANCH)

PANOLA ROAD EB OFF
 STA 85+99.57 =
 PANOLA ROAD
 N 1346882.6600
 E 2295405.3920

LIMIT OF CONSTRUCTION
 TIE TO EXIST.
 TIE TO EXIST. SUPER
 PANOLA ROAD EB OFF
 STA 81+50.00
 N 1347004.0000
 E 2294973.9835

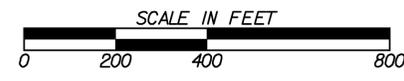
OUTFALL DATA

NOTE: N/A MEANS THE INITIAL DISCHARGE AT THE OUTFALL POINT WAS IN THE FORM OF SHEET FLOW.

OUT-FALL NO.	STATION	DRAIN AREA (AC)	DISTURB AREA (AC)	RECEIVING WATER	Tc	PRE C	POST C	INTENSITY 50 YEAR	PRE Q50 (cfs)	POST Q50 (cfs)	INTENSITY 100 YEAR	PRE Q100 (cfs)	POST Q100 (cfs)	PIPE SIZE (In)	SKEW ANGLE	PRE HW50	PRE HW100	POST HW50	POST HW100	PRE VEL50 (ft/s)	PRE VEL100 (ft/s)	POST VEL50 (ft/s)	POST VEL100 (ft/s)
12	1358+72 R	16	9.55	STREAM #10 (PANTHERS BRANCH)	N/A	N/A	N/A	N/A	1155	1155	N/A	1223	1223	9X9	60°	850.30	850.30	851.09	851.09	14.3	14.3	15.1	15.1
13	1378+38 R	6.8	1.91	STREAM #10 (PANTHERS BRANCH)	60	0.77	0.77	3.30	57	57	3.65	64	62	36"	60°	887.50	886.10	887.80	886.20	9.20	12.2	9.8	12.4

RELEASED FOR CONSTRUCTION - 12/05/11

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REVISION DATES

STATE OF GEORGIA
 DEPARTMENT OF TRANSPORTATION
 OFFICE: INNOVATIVE PROGRAM DELIVERY

**EROSION CONTROL
 DRAINAGE AREA MAP**

SHEET 5 OF 5

DRAWING No. **53-005**