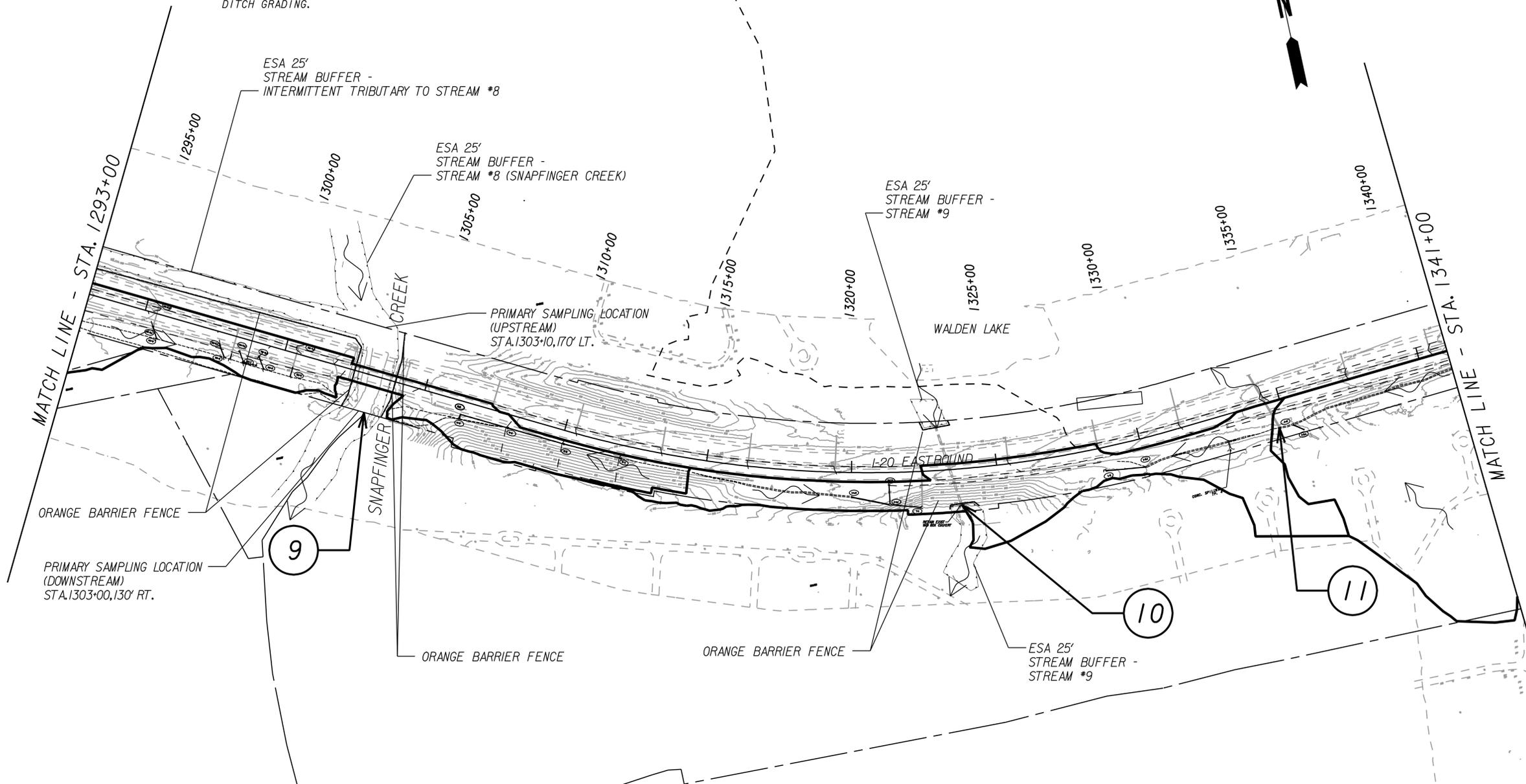


- NOTE:
1. THE TOTAL PROJECT AREA IS 92 ACRES AND THE EXPECTED DISTURBED AREA IS 68.2 ACRES.
 2. THE RECEIVING WATERS FOR THIS PROJECT ARE COBBS CREEK, SNAPPINGER CREEK AND PANTHERS BRANCH
 3. PEAK DISCHARGES WERE DETERMINED USING THE SCS METHOD. FLOWS WERE ROUTED THROUGH DETENTION FACILITIES WHEN NECESSARY.
 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.



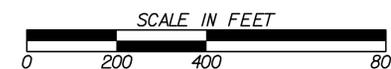
RELEASED FOR CONSTRUCTION - 12/05/11

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)	DRAIN AREA (m ²)	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)
9	1303+31 R	--	31	5.87	STREAM #8 (SNAPPINGER CREEK)	N/A	N/A	N/A	N/A	14078	14078	N/A	16106	16106	BRIDGE	90°	795.14	795.14	796.22	796.22	8.56	8.56	9.00	9.00
10	1323+40 R	--	432	4.78	STREAM #9	N/A	N/A	N/A	N/A	1169	1169	N/A	1321	1321	9X9	75°	794.34	794.34	796.35	796.35	22.5	22.5	23.9	23.9
11	1334+44 R	16	--	2.83	WALDEN LAKE	9	0.49	0.50	7.93	62	62	8.64	70	70	48"	75°	837.80	837.80	838.10	838.10	15.6	15.6	15.1	15.1

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REVISION DATES

01-20-2012	
06-17-2013	

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: INNOVATIVE PROGRAM DELIVERY
**EROSION CONTROL
DRAINAGE AREA MAP**
SHEET 4 OF 5

DRAWING No.
53-004