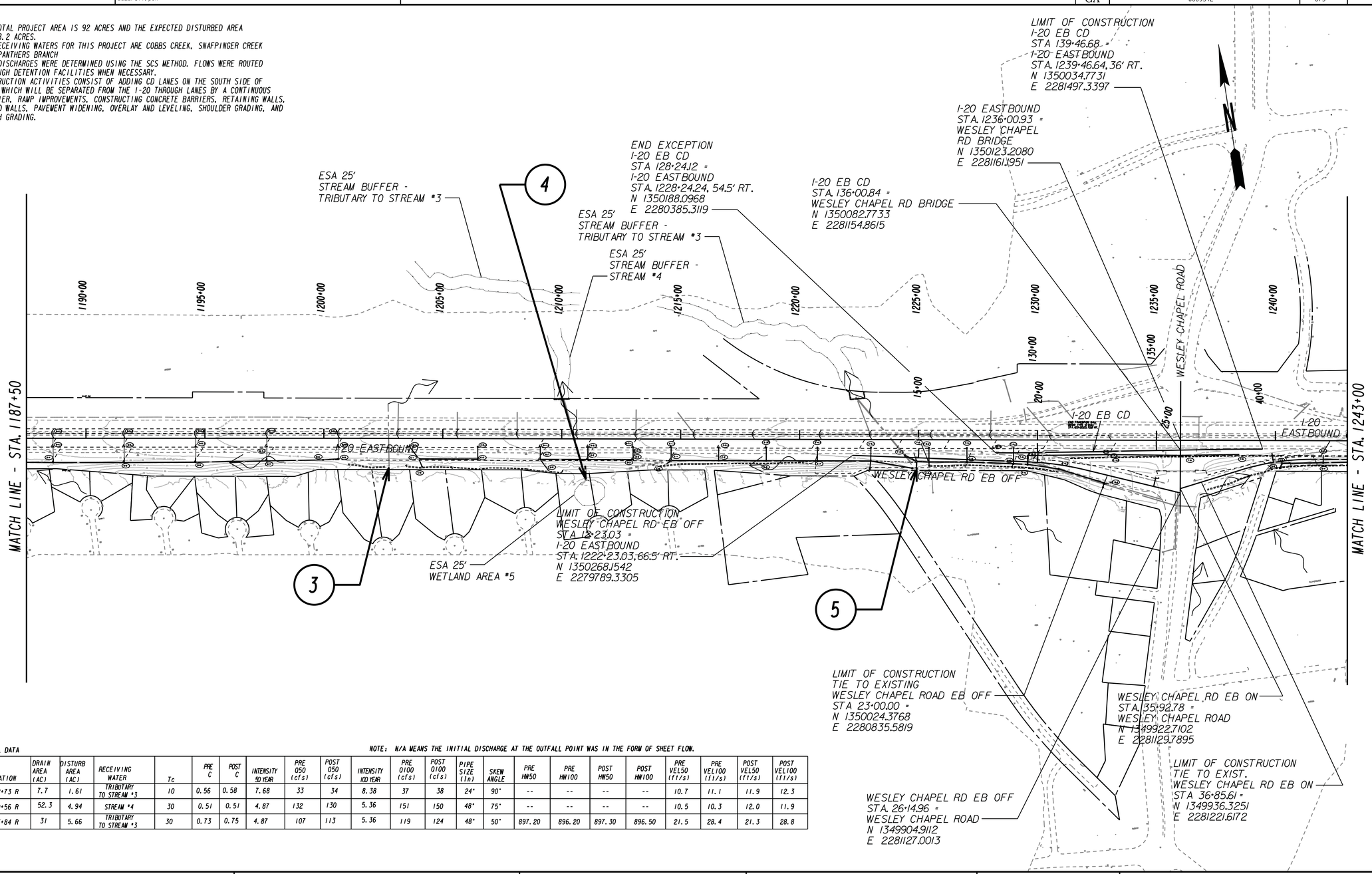
AS-BUILT PLANS - 08/30/13

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, SNAFPINGER 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.



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)
3	1202+73 R	7.7	1.61	TRIBUTARY TO STREAM #3	10	0.56	0.58	7.68	33	34	8.38	37	38	24"	90°	--	--	--	--	10.7	11.1	11.9	12.3
4	1210+56 R	52.3	4.94	STREAM #4	30	0.51	0.51	4.87	132	130	5.36	151	150	48"	75°	--	--	--	--	10.5	10.3	12.0	11.9
5	1223+84 R	31	5.66	TRIBUTARY TO STREAM #3	30	0.73	0.75	4.87	107	113	5.36	119	124	48"	50°	897.20	896.20	897.30	896.50	21.5	28.4	21.3	28.8

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SCALE IN FEET
0 200 400 800

REVISION DATES		
06/17/2013		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: INNOVATIVE PROGRAM DELIVERY

EROSION CONTROL DRAINAGE AREA MAP
SHEET 2 OF 5

DRAWING No. 53-002

1/5/2009 GPLN