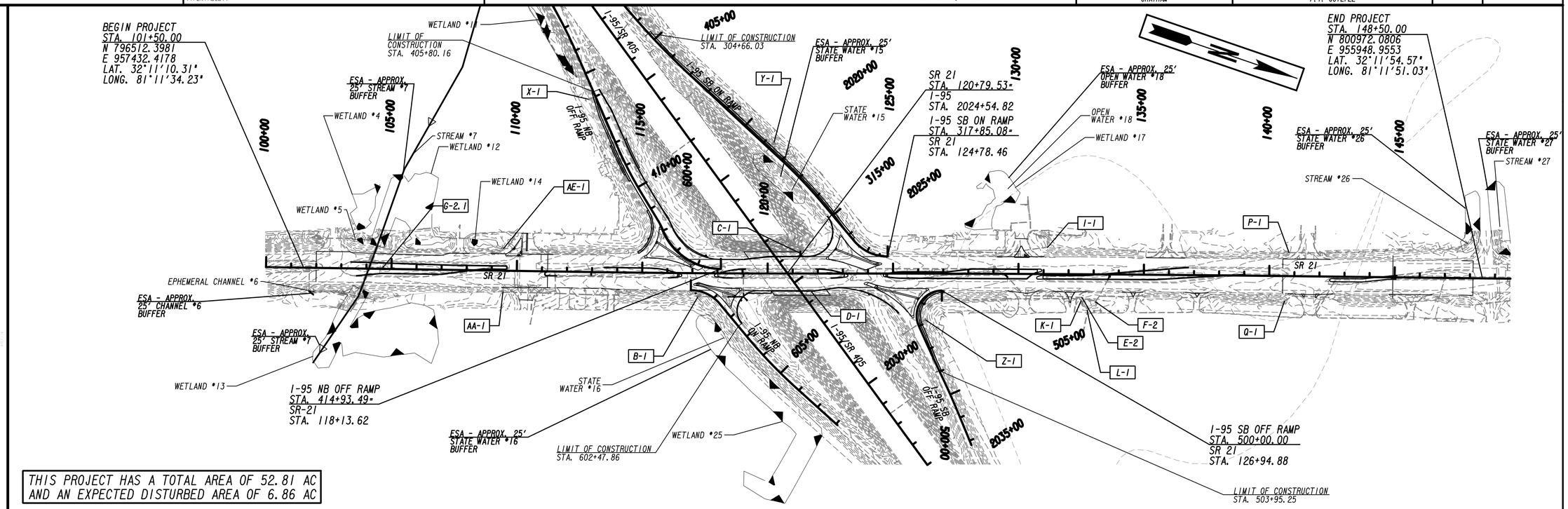
DATE$$$	TIME$$$	$PRF8$	DGN	COUNTY	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
$USER$		$$PENTABLE$$	RELEASED FOR CONSTRUCTION APRIL 29, 2016	CHATHAM	P.I. 0012722		



THIS PROJECT HAS A TOTAL AREA OF 52.81 AC AND AN EXPECTED DISTURBED AREA OF 6.86 AC

DRAINAGE CALCULATIONS

OUTFALL ID	SIZE (IN)	LOCATION STATION	LOCATION SIDE	DRAINAGE AREA (AC)	DISTURBED AREA (AC)	Q(50) CFS	Q(100) CFS	V(50) F/S	V(100) F/S	HW (50)	HW (100)	C (BEFORE	C (AFTER)	RIP RAP (SY)	SKEW
B-1	24	117+23	RT	2.71	0.30	18.47	20.07	6.87	6.79	1.60	1.78	0.67	0.69	N/A	N/A
C-1	SPILLWAY	121+31	RT	0.22	0.00	1.87	2.01	3.11	3.18	0.30	0.32	0.95	0.95	N/A	N/A
D-1	SPILLWAY	121+72	LT	0.23	0.00	1.95	2.10	3.15	3.23	0.29	0.33	0.95	0.95	N/A	N/A
E-2	24	132+54	RT	0.49	0.29	4.18	4.51	4.06	4.16	0.73	0.76	0.57	0.58	N/A	N/A
F-2	24	133+08	RT	1.35	0.72	9.12	9.91	4.29	4.36	1.28	1.36	0.58	0.59	N/A	N/A
G-2.1	18	103+81	RT	1.00	0.68	4.47	4.80	5.58	5.67	0.81	0.84	0.49	0.50	N/A	70.28°
I-1	18	129+45	RT	1.37	0.00	7.39	8.09	4.18	4.58	1.72	1.89	0.62	0.62	N/A	N/A
K-1	24	132+44	RT	4.65	0.12	23.86	26.13	7.60	8.32	2.08	2.13	0.54	0.55	N/A	N/A
L-1	36	132+79	RT	17.96	2.46	8.50	9.13	3.62	3.70	1.10	1.14	0.57	0.57	N/A	N/A
P-1	24	137+54	RT	2.88	0.00	7.75	8.44	4.40	4.49	1.10	1.15	0.43	0.43	N/A	N/A
Q-1	24	140+92	RT	0.57	0.00	4.44	4.80	4.15	4.26	0.75	0.78	0.48	0.48	N/A	N/A
X-1	24	406+19	LT	6.43	0.54	19.36	21.45	6.16	6.83	2.58	2.85	0.64	0.65	N/A	89.88°
Y-1	24	311+32	RT	4.84	0.25	16.49	18.16	5.25	5.78	2.55	2.69	0.58	0.59	N/A	89.74°
Z-1	24	502+05	RT	6.46	0.14	21.25	23.69	6.76	7.54	2.83	3.18	0.58	0.58	N/A	101.75°
AA-1	30	109+89	RT	3.29	0.44	20.90	22.76	6.65	6.89	1.50	1.59	0.57	0.58	N/A	N/A
AE-1	18	111+13	LT	1.28	0.03	4.47	4.84	4.61	4.76	0.81	0.84	0.48	0.48	N/A	N/A

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SCALE IN FEET
0 200 400 800

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: INNOVATIVE DELIVERY

DRAINAGE AREA MAP

I-95 AT SR 21 DIVERGING DIAMOND INTERCHANGE PROJECT

DRAWING No. 21-0001

12/14/2012 GPLN

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