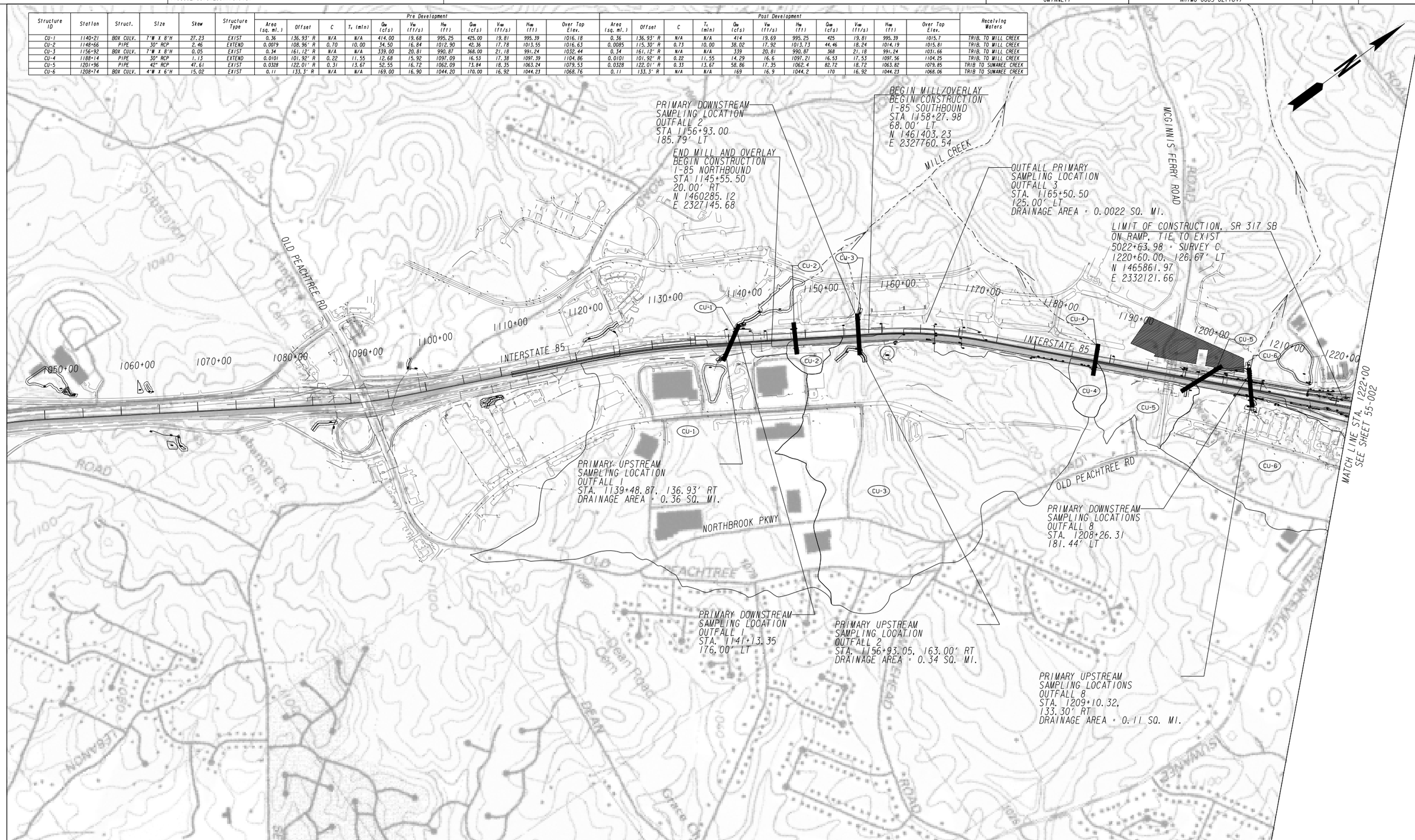
Structure ID	Station	Struct.	Size	Skew	Structure Type	Pre Development Area (sq. mi.)	Offset	C	T_c (min)	Q_{25} (cfs)	V_{25} (ft/s)	H_{25} (ft)	Q_{100} (cfs)	V_{100} (ft/s)	H_{100} (ft)	Over Top Elev.	Post Development Area (sq. mi.)	Offset	C	T_c (min)	Q_{25} (cfs)	V_{25} (ft/s)	H_{25} (ft)	Q_{100} (cfs)	V_{100} (ft/s)	H_{100} (ft)	Over Top Elev.	Receiving Waters
CU-1	1140+21	BOX CULV.	7'W X 8'H	27.23	EXIST	0.36	136.93' R	N/A	N/A	414.00	19.68	995.25	425.00	19.81	995.39	1016.18	0.36	136.93' R	N/A	N/A	414	19.69	995.25	425	19.81	995.39	1015.7	TRIB. TO MILL CREEK
CU-2	1148+66	PIPE	30" RCP	2.46	EXTEND	0.0079	108.96' R	0.70	10.00	34.50	16.84	1012.90	42.36	17.78	1013.55	1016.63	0.0085	115.30' R	0.73	10.00	38.02	17.92	1013.73	44.46	18.24	1014.19	1015.81	TRIB. TO MILL CREEK
CU-3	1156+92	BOX CULV.	7'W X 8'H	0.05	EXIST	0.34	161.12' R	N/A	N/A	339.00	20.81	990.87	368.00	21.18	991.24	1032.44	0.34	161.12' R	N/A	N/A	339	20.81	990.87	368	21.18	991.24	1031.66	TRIB. TO MILL CREEK
CU-4	1188+14	PIPE	30" RCP	1.13	EXTEND	0.0101	101.92' R	0.22	11.55	12.68	15.92	1097.09	16.53	17.38	1097.39	1104.86	0.0101	101.92' R	0.22	11.55	14.29	16.6	1097.21	16.53	17.53	1097.56	1104.25	TRIB. TO MILL CREEK
CU-5	1201+96	PIPE	42" RCP	47.61	EXIST	0.0328	122.01' R	0.31	13.67	52.55	16.72	1062.09	73.84	18.35	1063.24	1079.53	0.0328	122.01' R	0.33	13.67	58.86	17.35	1062.4	82.72	18.72	1063.82	1079.85	TRIB TO SUWANEE CREEK
CU-6	1208+74	BOX CULV.	4'W X 6'H	15.02	EXIST	0.11	133.3' R	N/A	N/A	169.00	16.90	1044.20	170.00	16.92	1044.23	1068.76	0.11	133.3' R	N/A	N/A	169	16.9	1044.2	170	16.92	1044.23	1068.06	TRIB TO SUWANEE CREEK



ARCADIS Design & Consultancy for natural and built assets

SCALE IN FEET
0 600 1200 2400

RELEASED FOR CONSTRUCTION 06/22/2016

REVISION DATES		
06/15/2016		
06/20/2016		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

OFFICE: INNOVATIVE DELIVERY

WATERSHED MAP
SITE MONITORING PLAN

PROJECT: I-85 NORTH EXPRESS LANE EXTENSION
COUNTY: GWINNETT

DRAWING No. 55-001