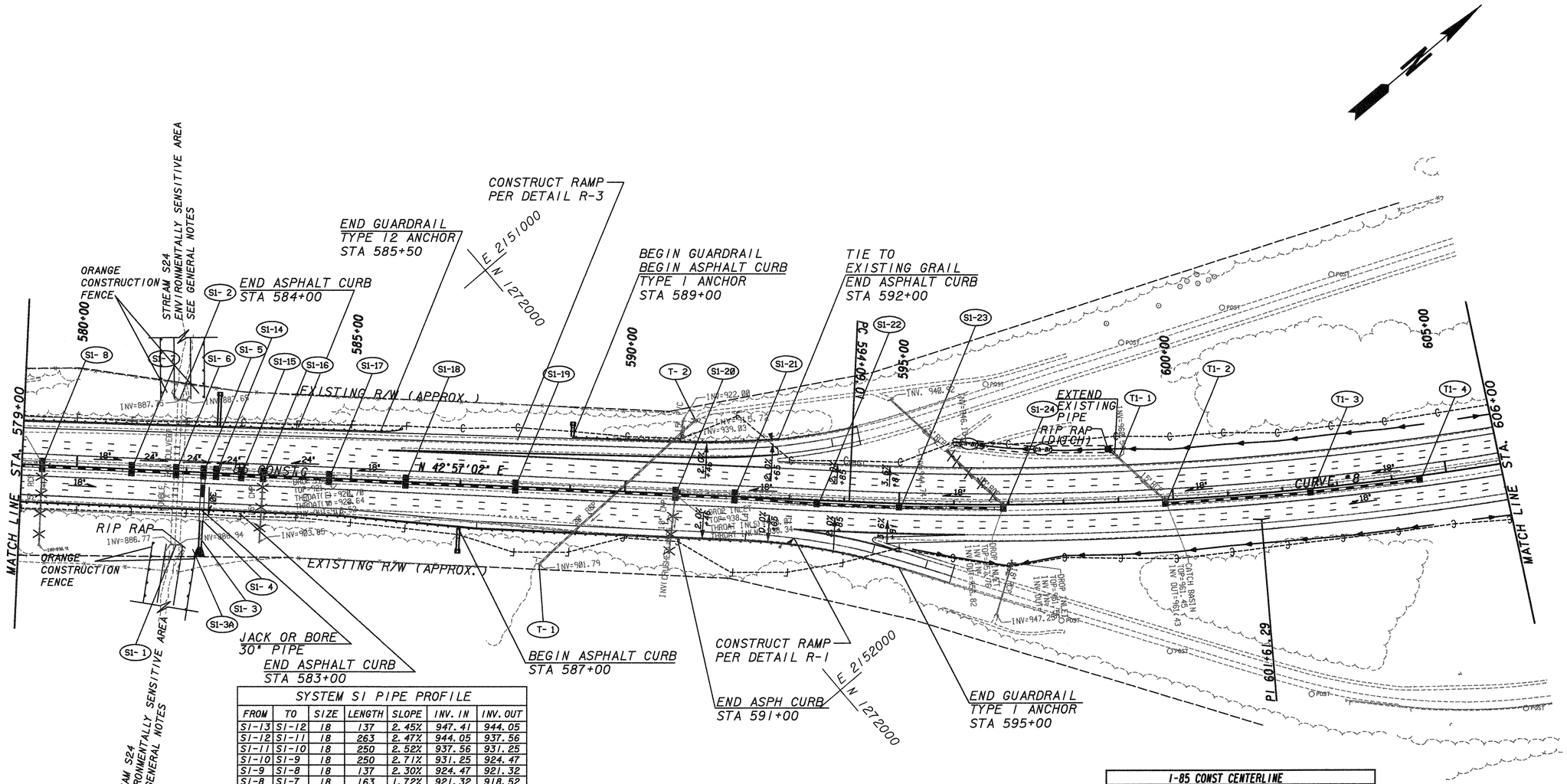

SYSTEM S1 PIPE PROFILE						
FROM	TO	SIZE	LENGTH	SLOPE	INV. IN	INV. OUT
S1-13	S1-12	18	137	2.45%	947.41	944.05
S1-12	S1-11	18	263	2.47%	944.05	937.56
S1-11	S1-10	18	250	2.52%	937.56	931.25
S1-10	S1-9	18	250	2.71%	931.25	924.47
S1-9	S1-8	18	137	2.30%	924.47	921.32
S1-8	S1-7	18	163	1.72%	921.32	918.52
S1-7	S1-6	24	81	1.00%	917.92	917.11
S1-6	S1-5	24	50	1.02%	917.11	916.60
S1-5	S1-4	30	87	1.00%	916.10	915.23
S1-4	S1-3	FLUME	65		915.23	TIE TO EXIST
S1-3	S1-3A	30	50	9.40%	895.00	890.30
S1-14	S1-5	24	23	1.00%	916.83	916.60
S1-15	S1-14	24	46	1.00%	917.29	916.83
S1-16	S1-15	24	40	1.00%	917.69	917.29
S1-17	S1-16	24	120	1.02%	918.91	917.69
S1-18	S1-17	18	140	1.99%	922.29	919.51
S1-19	S1-18	18	200	2.56%	927.41	922.29
S1-20	S1-19	18	292	3.01%	936.19	927.41
S1-21	S1-20	18	108	3.14%	939.58	936.19
S1-22	S1-21	18	150	3.15%	944.31	939.58
S1-23	S1-22	18	150	2.84%	948.57	944.31
S1-24	S1-23	18	190	3.03%	954.32	948.57

SYSTEM T1 PIPE PROFILE						
FROM	TO	SIZE	LENGTH	SLOPE	INV. IN	INV. OUT
T1-2	T1-1	15	128	0.98%	961.43	960.18
T1-3	T1-2	18	265	1.11%	964.37	961.43
T1-4	T1-3	18	200	1.00%	966.37	964.37

I-85 CONST CENTERLINE	
CURVE #8 (KC10008)	
Degree = 1°00'00.0"	Delta = 14°57'36.3"
Radius = 5729.58	Length = 1496.01
Tangent = 752.28	Length of Chord = 1491.76
External = 49.18	S.E. Rate = 3.6 %
PC Sta = 594+09.01	DB = N 42°57'01.9" E
North 1272233.38	East 2151749.35
PI Sta = 601+61.29	
North 1272784.01	East 2152261.93
PT Sta = 609+05.02	DA = N 27°59'25.6" E
North 1273448.30	East 2152614.99

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS —C—F—
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
R/W AND LIMIT OF ACCESS
EXISTING R/W LINE

MULKEY ENGINEERS & CONSULTANTS
1255 CANTON STREET, SUITE G
ROSWELL, GEORGIA 30075
(678) 461-3511

SCALE IN FEET
0 100 200 400

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE:
MAINLINE PLAN

DRAWING No. 13-18