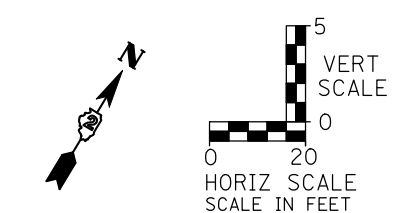
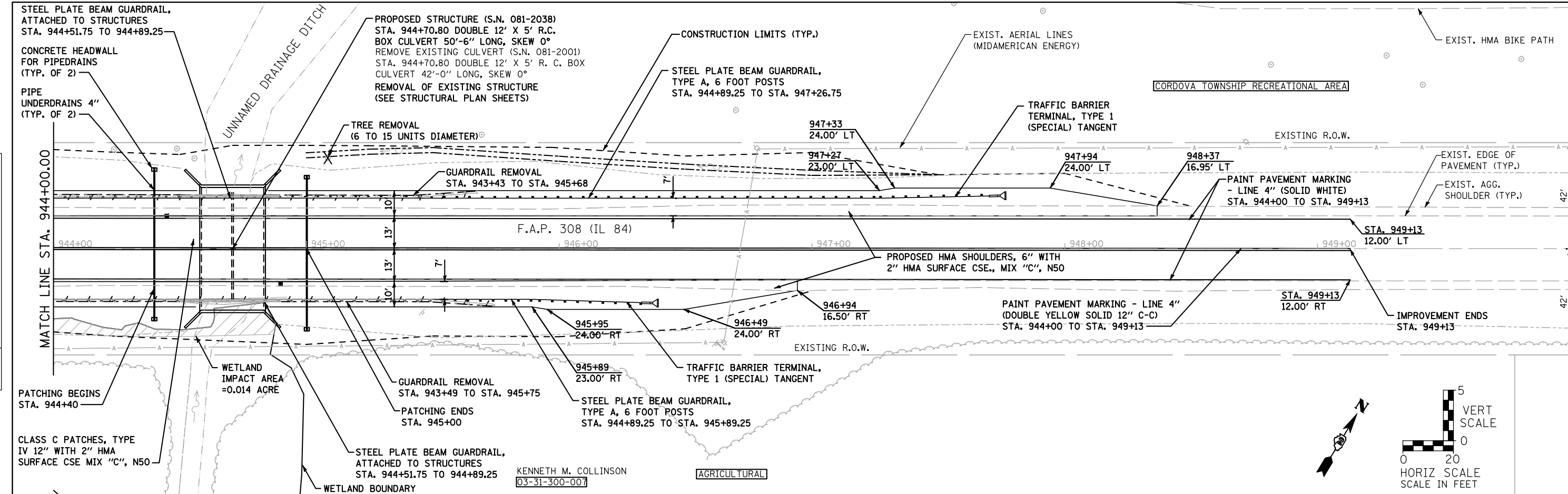


DATE	
BY	
PLAN	SURVEYED
	NOTED
	CHECKED
	PLOTTED
	FILED
	DATE
	BY
	NAME
	NO.

DATE	
BY	
PROFILE	SURVEYED
	NOTED
	CHECKED
	PLOTTED
	FILED
	DATE
	BY
	NAME
	NO.



WATERWAY INFORMATION

DRAINAGE AREA = 1.54 SQ. MI. LOW GRADE ELEV. 584.32 @ STA. 944+88

FLOOD	FREQ. YR.	Q C.F.S.	OPENING SQ. FT.		NAT. HEAD - FT.		HEADWATER EL.		
			EXIST.	PROP.	H.W.E. EXIST.	PROP.	EXIST.	PROP.	
DESIGN	10	408	82	80	580.22	0.60	0.61	580.82	580.83
BASE	50	681	101	98	580.98	1.20	1.22	582.30	582.30
OVERTOP EXISTING	100	809	111	108	581.40	1.38	1.41	583.50	583.50
OVERTOP PROPOSED	373	1051	120	120	582.31	2.06	N/A	584.37	N/A
MAX. CALC.	371	1050	120	120	582.30	N/A	2.03	N/A	584.33
	500	1131	120	120	582.64	2.09	2.09	586.20	586.20

10-YR. VELOCITY THROUGH EXISTING CULVERT = 5.05 FT/S
10-YR. VELOCITY THROUGH PROPOSED CULVERT = 5.24 FT/S

