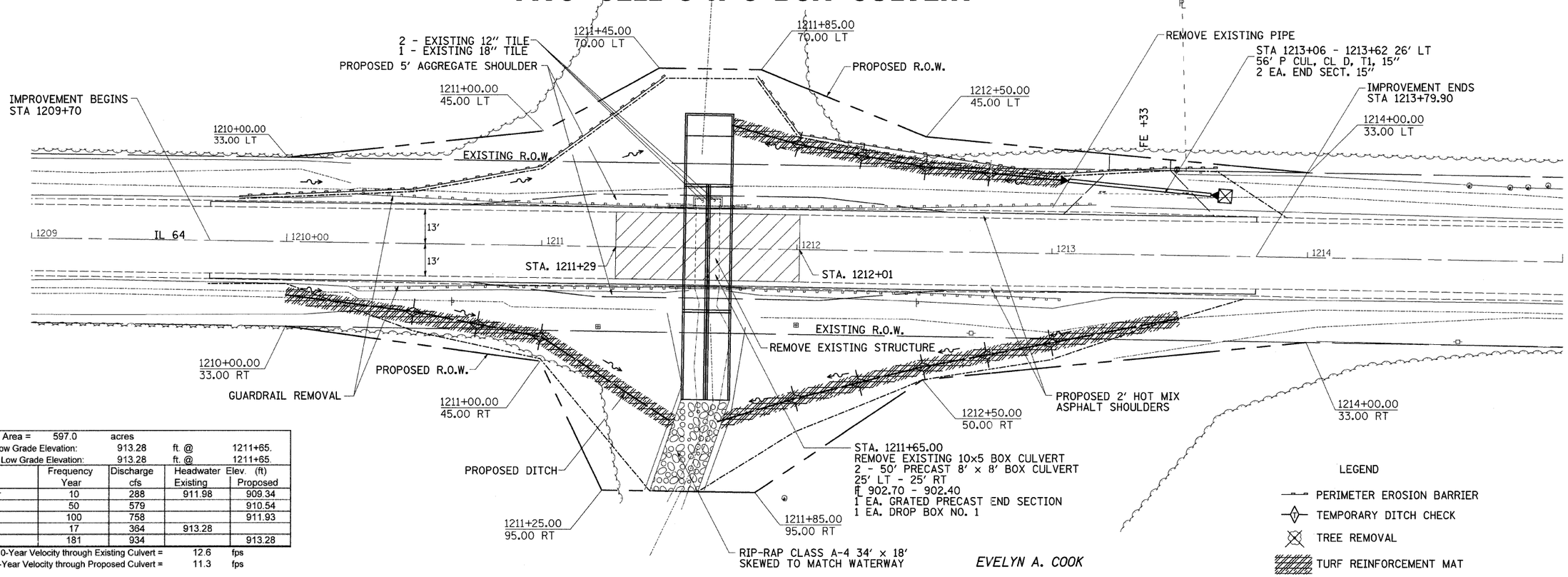
CONTRACT NO. 64C35

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17	15T-2	CARROLL	71	19
STA.		TO STA.		
FED. ROAD DIST. NO. 9	ILLINOIS	FED. AID PROJECT		

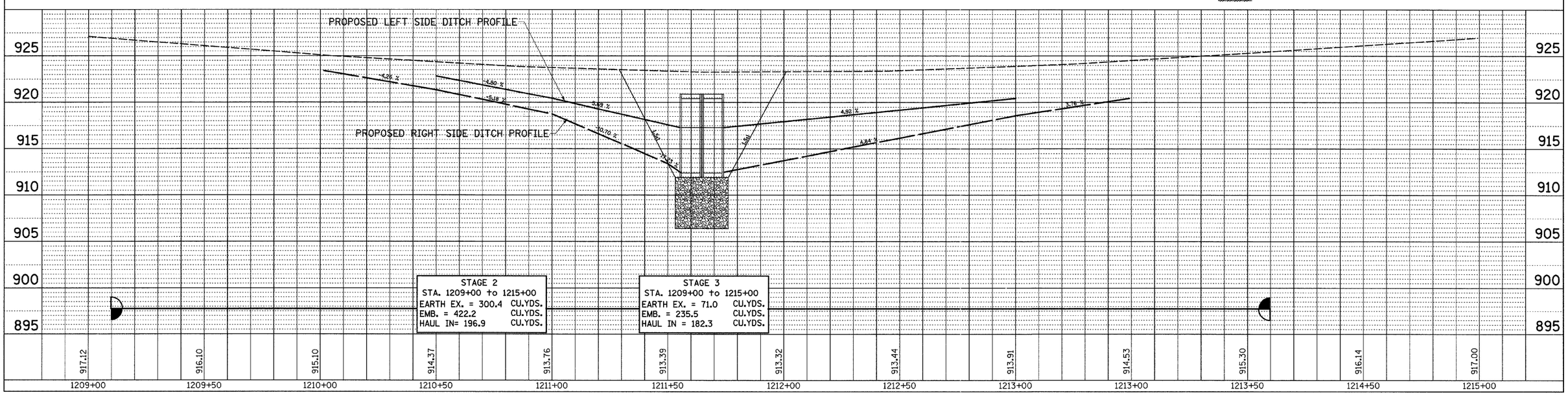
STA. 1211 + 65
TWO CELL 8' x 8' BOX CULVERT



Drainage Area =	597.0	acres		
Existing Low Grade Elevation:		913.28	ft. @	1211+65.
Proposed Low Grade Elevation:		913.28	ft. @	1211+65.

Flood	Frequency Year	Discharge cfs	Headwater Elev. (ft) Existing	Proposed
Ten-Year	10	288	911.98	909.34
Design	50	579		910.54
Base	100	758		911.93
OVT (E)	17	364	913.28	
OVT (P)	181	934		913.28

10-Year Velocity through Existing Culvert = 12.6 fps
10-Year Velocity through Proposed Culvert = 11.3 fps



PLAN: SUR. BY JD; PLOTTED; ALIGNMENT CHECKED; GRADES CHECKED; FIELD BOOK NO.; CADD FILE NAME; DATE; BY

PROFILE: SURVEYED; PLOTTED; ALIGNMENT CHECKED; GRADES CHECKED; FIELD BOOK NO.; CADD FILE NAME; DATE; BY

PLOT DATE = Mon Jan 28 09:37:11 2008
FILE NAME = C:\Proj_to_to\pc267806\d267806plan.dgn
PLOT SCALE = 20.000 ' / IN.
USER NAME = hernandez

STA. 1211 + 65 TWO CELL 8' x 8' BOX CULVERT