

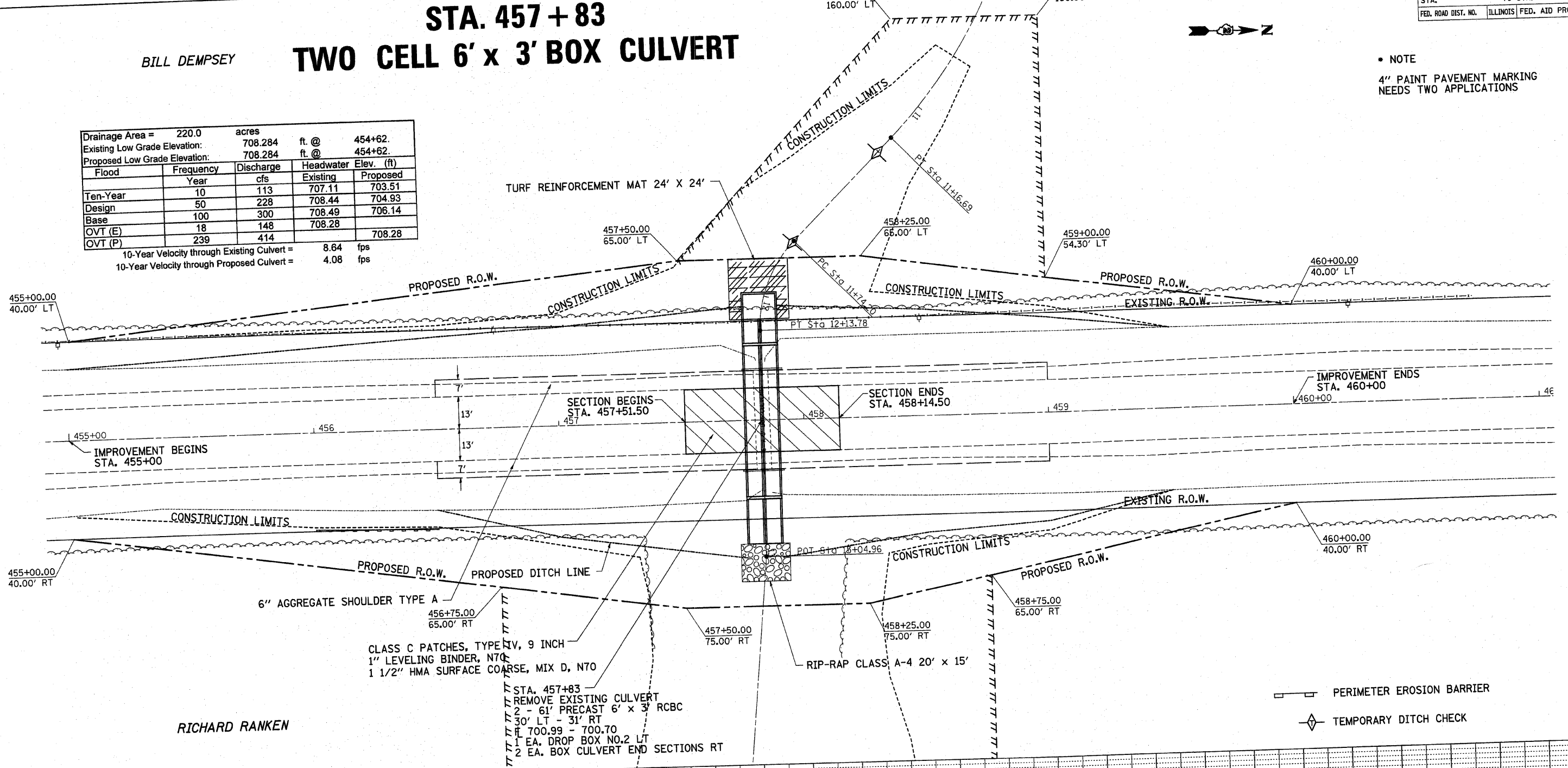
STA. 457 + 83 TWO CELL 6' x 3' BOX CULVERT

BILL DEMPSEY

STA. TO STA.
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

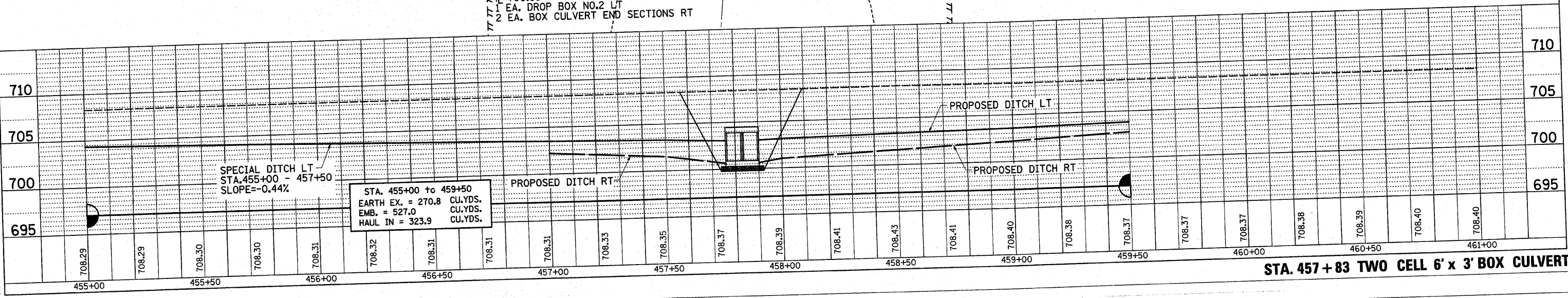
• NOTE
4" PAINT PAVEMENT MARKING
NEEDS TWO APPLICATIONS

Drainage Area =	220.0	acres		
Existing Low Grade Elevation:	708.284	ft @	454+62.	
Proposed Low Grade Elevation:	708.284	ft @	454+62.	
Flood	Frequency	Discharge	Headwater Elev. (ft)	
	Year	cfs	Existing	Proposed
Ten-Year	10	113	707.11	703.51
Design	50	228	708.44	704.93
Base	100	300	708.49	706.14
OVT (E)	18	148	708.28	
OVT (P)	239	414		708.28
10-Year Velocity through Existing Culvert =		8.64	fps	
10-Year Velocity through Proposed Culvert =		4.08	fps	



RICHARD RANKEN

STA. 457+83
REMOVE EXISTING CULVERT
2 - 61' PRECAST 6' x 3' RBCB
30' LT - 31' RT
700.99 - 700.70
1 EA. DROP BOX NO.2 LT
2 EA. BOX CULVERT END SECTIONS RT



STA. 457 + 83 TWO CELL 6' x 3' BOX CULVERT

DATE
BY
SURVEY
CHECKED
NOTE BOOK
NO.

DATE
BY
SURVEY
CHECKED
NOTE BOOK
NO.

PLOT DATE = Thu, Jan 24, 19:27:49, 2008
FILE NAME = C:\P\Projects\2286667\2286667.plt
PLOT SCALE = 28.0000 / 1 IN.
USER NAME = hennoko