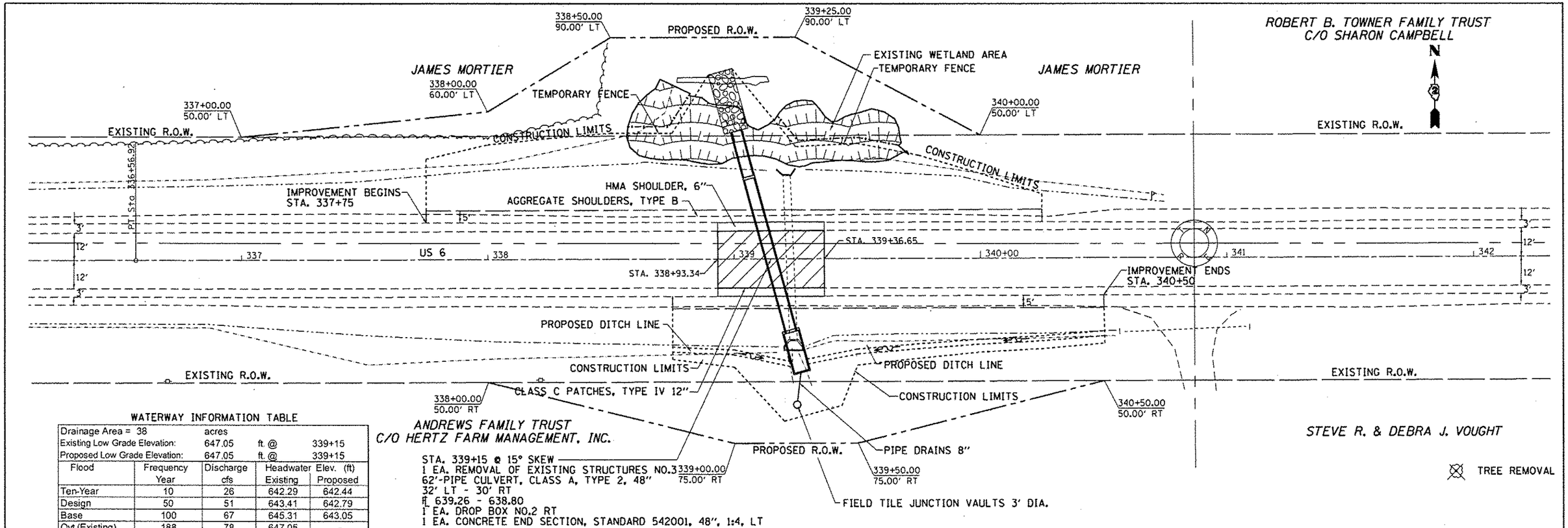

WATERWAY INFORMATION TABLE

Drainage Area = 38	acres			
Existing Low Grade Elevation:	647.05	ft. @	339+15	
Proposed Low Grade Elevation:	647.05	ft. @	339+15	

Flood	Frequency Year	Discharge cfs	Headwater Elev. (ft) Existing	Proposed
Ten-Year	10	26	642.29	642.44
Design	50	51	643.41	642.79
Base	100	67	645.31	643.05
Ovt (Existing)	188	78	647.05	-
Max Calc	500	104	-	644.65

10-Year Velocity through Existing Culvert = 13.0 fps
10-Year Velocity through Proposed Culvert = 7.8 fps

FILE NAME = c:\pw_work\pwidot\cushmanbw\d0169166\D280889-sht-plnprf.dgn	USER NAME = cushmanbw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = Fri Oct 19 12:35:10 2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 6
PLAN & PROFILE

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
226	3T & 3BR-1	HENRY	210	29
		CONTRACT NO. 64F25		
	ILLINOIS	FED. AID PROJECT		