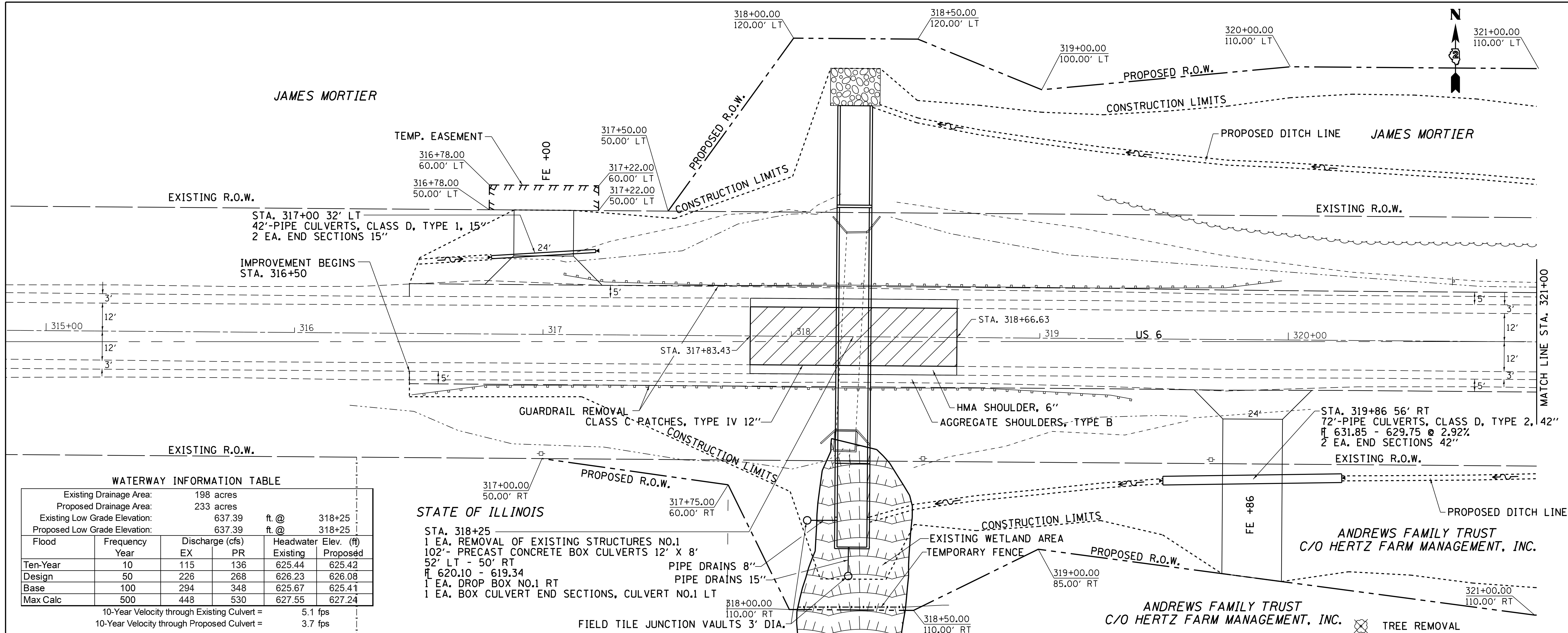


PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILE NAME	
	NO.	

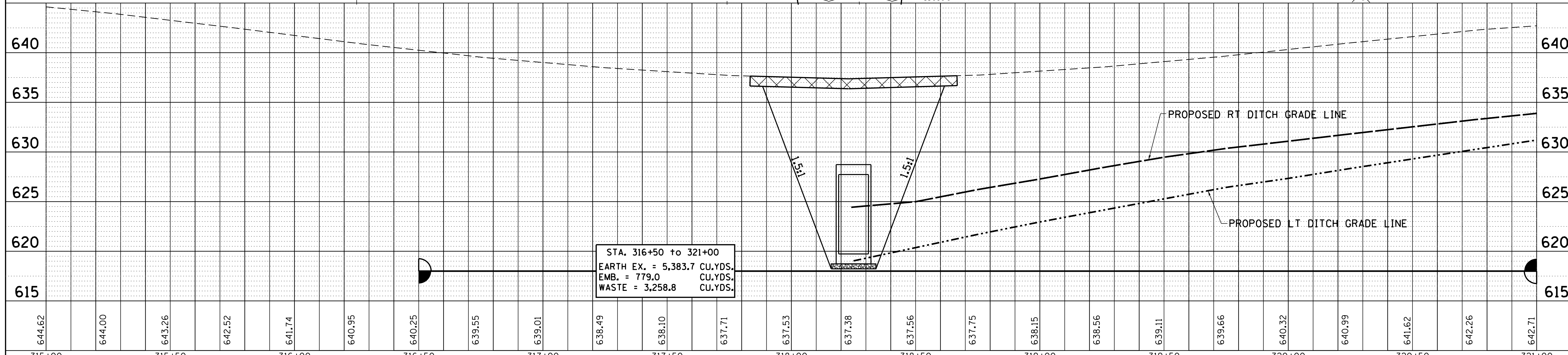
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIONS	
	CHKD	



Existing Drainage Area:	198 acres				
Proposed Drainage Area:	233 acres				
Existing Low Grade Elevation:	637.39 ft. @ 318+25				
Proposed Low Grade Elevation:	637.39 ft. @ 318+25				
Flood Year	Frequency	Discharge (cfs)	Headwater Elev. (ft)		
		EX	PR	Existing	Proposed
Ten-Year	10	115	136	625.44	625.42
Design	50	226	268	626.23	626.08
Base	100	294	348	625.67	625.41
Max Calc	500	448	530	627.55	627.24
10-Year Velocity through Existing Culvert =				5.1 fps	
10-Year Velocity through Proposed Culvert =				3.7 fps	

STATE OF ILLINOIS

- STA. 318+25
- 1 EA. REMOVAL OF EXISTING STRUCTURES NO.1
- 102'- PRECAST CONCRETE BOX CULVERTS 12' X 8' 52' LT - 50' RT
- PIPE DRAINS 8"
- PIPE DRAINS 15"
- 1 EA. DROP BOX NO.1 RT
- 1 EA. BOX CULVERT END SECTIONS, CULVERT NO.1 LT



FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -
c:\pwwork\pwwork\cushmanbw\d0169166\020809-shd-plnpr.f.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 6
PLAN & PROFILE**

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

F.A.S. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
226	3T & 3BR-1	HENRY	210	27
CONTRACT NO. 64F25			ILLINOIS FED. AID PROJECT	