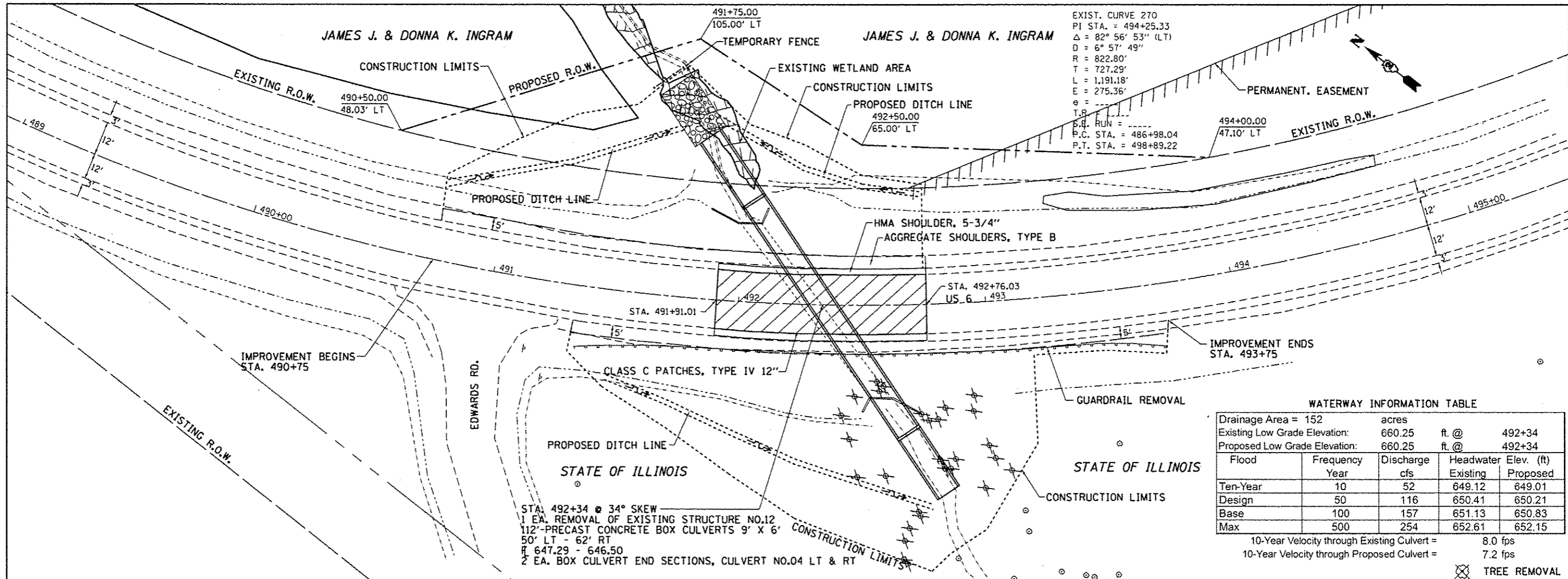


PLAN	DATE
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	

PROFILE	DATE
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	



EXIST. CURVE 270  
 PI STA. = 494+25.33  
 $\Delta = 82^\circ 56' 53''$  (LT)  
 $D = 6^\circ 57' 49''$   
 $R = 822.80'$   
 $T = 727.29'$   
 $L = 1,191.18'$   
 $E = 275.36'$   
 $\theta =$   
 S.B. RUN =  
 P.C. STA. = 486+98.04  
 P.T. STA. = 498+89.22

Drainage Area = 152	acres			
Existing Low Grade Elevation:	660.25	ft. @	492+34	
Proposed Low Grade Elevation:	660.25	ft. @	492+34	
Flood Year	Frequency	Discharge cfs	Existing Headwater Elev. (ft)	Proposed Headwater Elev. (ft)
Ten-Year Design	10	52	649.12	649.01
Base	50	116	650.41	650.21
Max	100	157	651.13	650.83
	500	254	652.61	652.15

10-Year Velocity through Existing Culvert = 8.0 fps  
 10-Year Velocity through Proposed Culvert = 7.2 fps

TREE REMOVAL

