

PLAN	SURVEYED	DATE
	ALIGNMENT CHECKED	
	RT. OF WAY CHECKED	
	NOTE BOOK NO.	
	ADD FILE NAME	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NOTE BOOK NO.	

Drainage Area = 58.1 acres

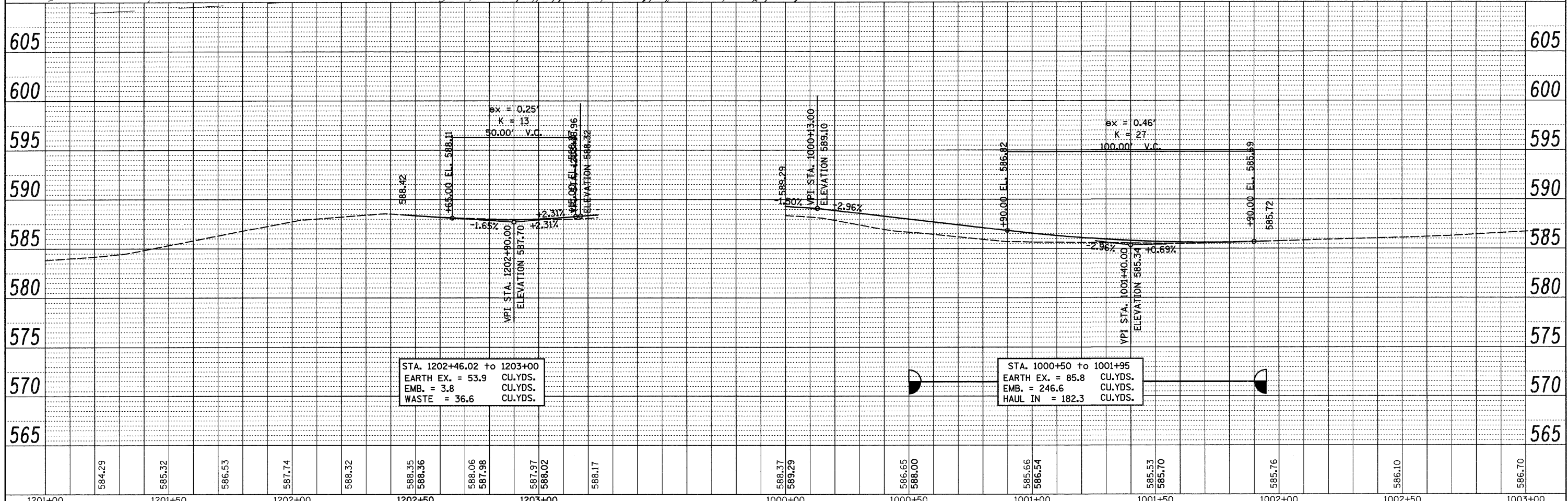
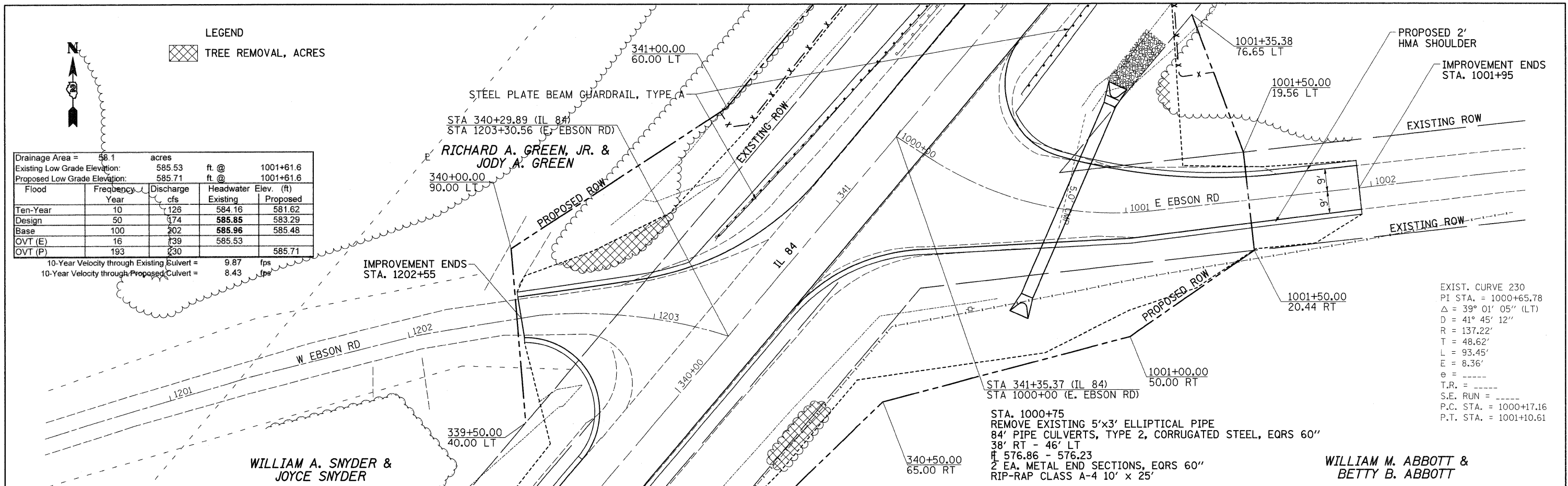
Existing Low Grade Elevation: 585.53 ft. @ 1001+61.6

Proposed Low Grade Elevation: 585.71 ft. @ 1001+61.6

Flood Year	Frequency	Discharge cfs	Headwater Existing	Headwater Proposed	Elev. (ft)
Ten-Year	10	126	584.16	581.62	
Design	50	174	585.85	583.29	
Base	100	202	585.96	585.48	
OVT (E)	16	139	585.53		
OVT (P)	193	230		585.71	

10-Year Velocity through Existing Culvert = 9.87 fps

10-Year Velocity through Proposed Culvert = 8.43 fps



FILE NAME =	USER NAME = hensonke	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN &amp; PROFILE</b>	F.A.P. RTE. 308	SECTION 109BR-5	COUNTY WHITESIDE	TOTAL SHEETS 83	SHEET NO. 21
PROJECT =	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
DATE = Thu Jul 31 09:38:27 2008	DATE -	REVISED -	REVISED -			CONTRACT NO. 64C25				
						SCALE:	SHEET NO. OF SHEETS STA. TO STA.			