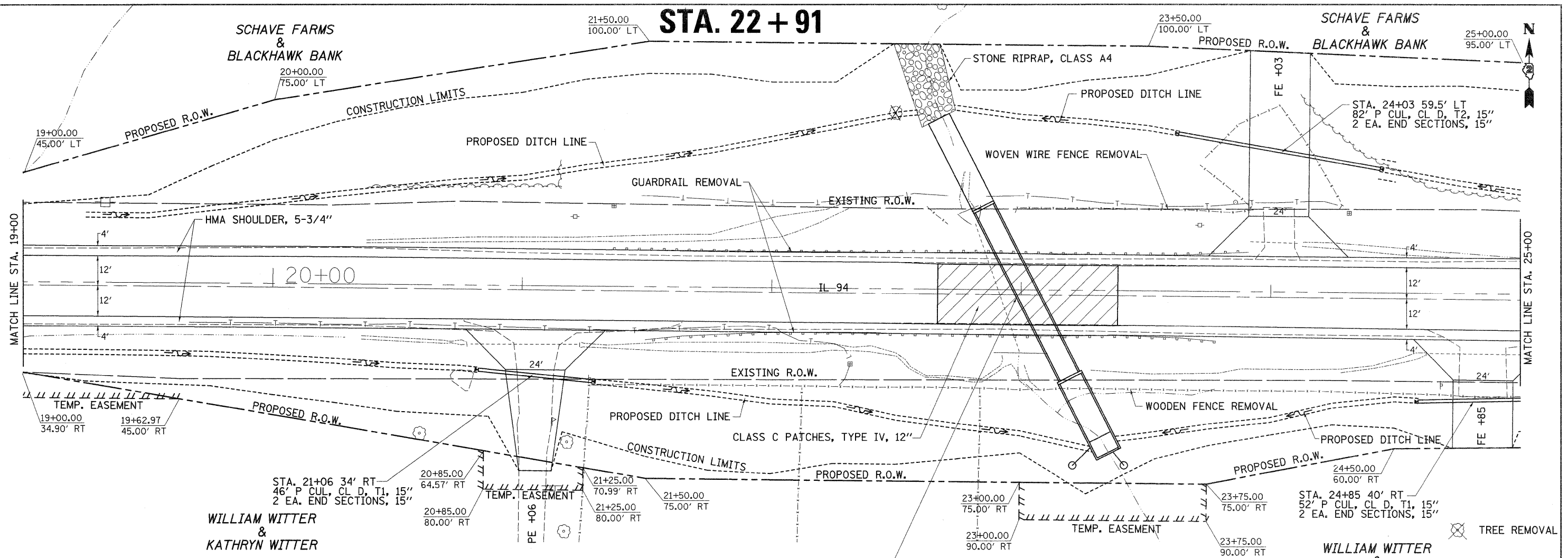


# STA. 22 + 91

SCHAVE FARMS & BLACKHAWK BANK

SCHAVE FARMS & BLACKHAWK BANK



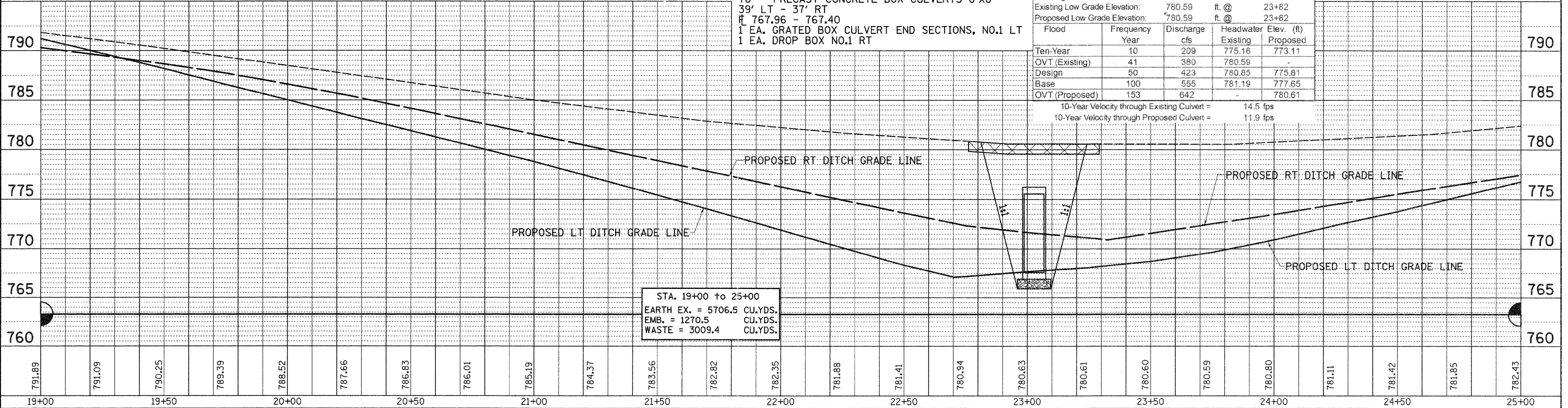
WILLIAM WITTER & KATHRYN WITTER

WILLIAM WITTER & KATHRYN WITTER

STA. 23+02.76 @ 27° SKEW  
 1 EA. REMOVAL OF EXISTING STRUCTURE NO.1  
 76' - PRECAST CONCRETE BOX CULVERTS 8'x8'  
 39' LT - 37' RT  
 H 767.96 - 767.40  
 1 EA. GRATED BOX CULVERT END SECTIONS, NO.1 LT  
 1 EA. DROP BOX NO.1 RT

Drainage Area = 373.0		acres	
Existing Low Grade Elevation:	780.59	ft. @	23+82
Proposed Low Grade Elevation:	780.59	ft. @	23+82
Flood Year	Frequency	Discharge cfs	Headwater Elev. (ft)
Ten-Year	10	209	775.16
OVT (Existing)	41	380	780.59
Design	50	423	780.85
Base	100	555	781.19
OVT (Proposed)	153	642	780.61

10-Year Velocity through Existing Culvert = 14.5 fps  
 10-Year Velocity through Proposed Culvert = 11.9 fps



STA. 19+00 to 25+00  
 EARTH EX. = 5706.5 CU.YDS.  
 EMB. = 1270.5 CU.YDS.  
 WASTE = 3009.4 CU.YDS.

DATE	
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FILE NAME =	USER NAME = cushanbw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 94</b> <b>PLAN &amp; PROFILE</b>	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwork\pwork\cushanbw\d0184877\02122007\sh-t-plnprf.dgn	PLAT SCALE = 20.0000' / 1" =	DRAWN -	REVISED -			19,20/RS-2	**	231	30	
PLAT DATE = Thu Jun 30 08:43:37 2011	DATE -	CHECKED -	REVISED -			CONTRACT NO. 64D72				
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				