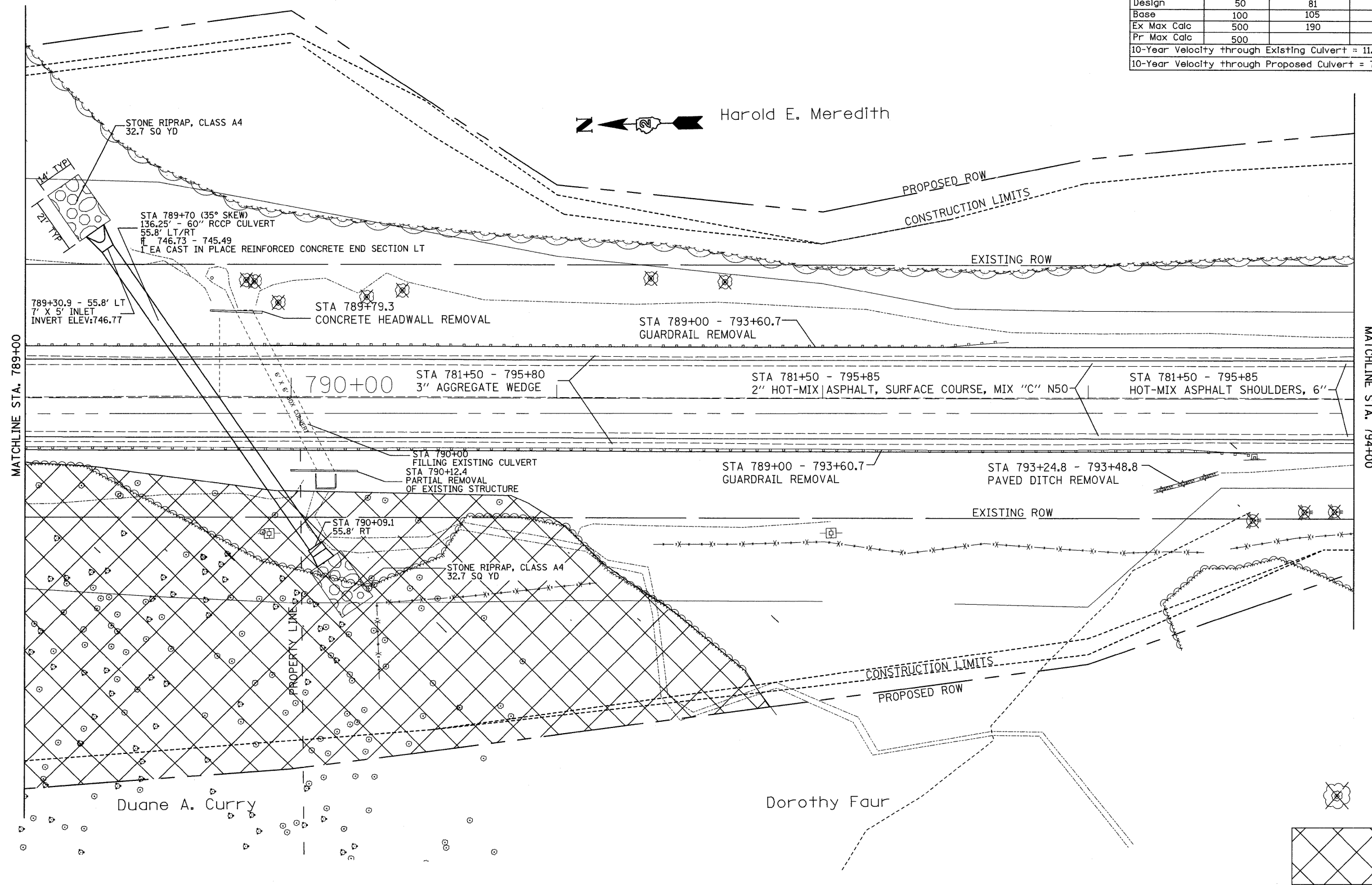


Existing Drainage Area = 100.8 Acres
Proposed Drainage Area = 128.7 Acres
Existing Low Grade Elevation: 761.39' @ 788+90
Proposed Low Grade Elevation: 761.39' @ 788+90

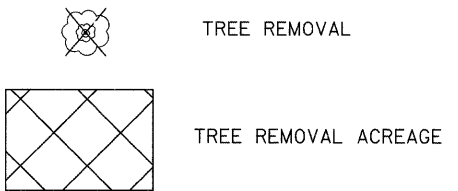
Flood Year	Frequency	Discharge		Headwater Elev. (ft)	
		Existing (cfs)	Proposed (cfs)	Existing	Proposed
Ten Year	10	41	53	748.9	748.98
Design	50	81	104	749.99	750.27
Base	100	105	135	750.47	750.96
Ex Max Calc	500	190		752.26	
Pr Max Calc	500		244		754.03
10-Year Velocity through Existing Culvert = 11.2 fps					
10-Year Velocity through Proposed Culvert = 7.0 fps					



Harold E. Meredith

Duane A. Curry

Dorothy Faur



FILE NAME =	USER NAME = fordjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 150	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pwork\PWIDOT\FORDJD\dms33831\0264013-sh-t-plnprf.dgn	13-sh-t-plnprf.dgn	DRAWN -	REVISED -			1188	118T	Henry	52	12	
PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 64D13					
PLOT DATE = Tue Mar 10 08:13:58 2009		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					