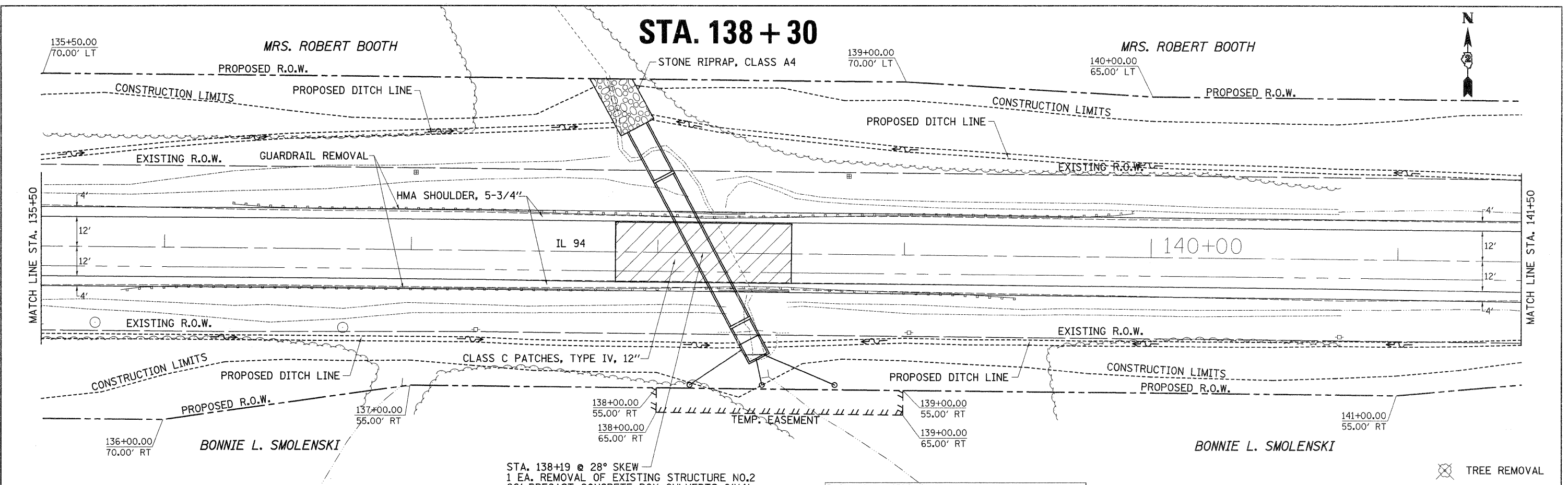


STA. 138 + 30



PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNED	BY
NO.	CHECKED	
	FILE NAME	

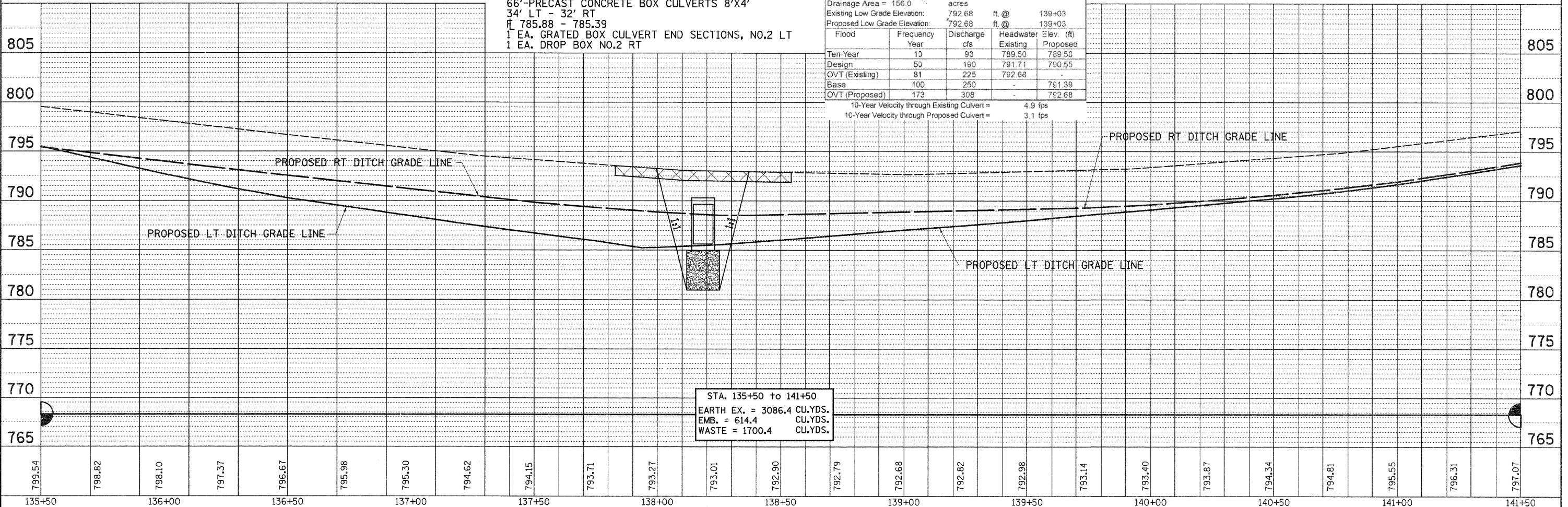
PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE	NOTATIONS CHKD



STA. 138+19 @ 28° SKEW
 1 EA. REMOVAL OF EXISTING STRUCTURE NO.2
 66'-PRECAST CONCRETE BOX CULVERTS 8'X4'
 34' LT - 32' RT
 R 785.88 - 785.39
 1 EA. GRATED BOX CULVERT END SECTIONS, NO.2 LT
 1 EA. DROP BOX NO.2 RT

Drainage Area =	156.0	acres		
Existing Low Grade Elevation:	792.68	ft @ 139+03		
Proposed Low Grade Elevation:	792.68	ft @ 139+03		
Flood Year	10	Discharge cfs		
Ten-Year	93	Headwater Elev. (ft) Existing		
Design	50	190	791.71	Proposed
OVT (Existing)	81	225	792.68	
Base	100	250		791.39
OVT (Proposed)	173	308		792.68

10-Year Velocity through Existing Culvert = 4.9 fps
 10-Year Velocity through Proposed Culvert = 3.1 fps



STA. 135+50 to 141+50
 EARTH EX. = 3086.4 CU.YDS.
 EMB. = 614.4 CU.YDS.
 WASTE = 1700.4 CU.YDS.

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 94 PLAN & PROFILE	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\cushmanbw\d0184877\02122007\ht-plnprf.dgn		DRAWN -	REVISED -			*	(19,20)RS-2	**	231	33
PLOT SCALE = 20.0000' / in.		CHECKED -	REVISED -			CONTRACT NO. 64D72				
PLOT DATE = Thu Jun 30 08:43:00 2011		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE: SHEET NO. OF SHEETS STA. TO STA.						• 221,213 & 220 • BACK TO MD & MDCR COUNTY				