

DRAINAGE DETAILS

EDWARD BENDIS

JOSEPH & JULIE EBENS

DENNIS R. & LAURIE WASIKOWSKI

HARRY E. & KARLY-K. SPELL

RUDOLF & JOYCE SIEBEL

SEPTIC FIELD
 STA 19+44 @ 28°38'24"
 146' PCUL, T1, CORR. STEEL, EORS 30"
 64'-6" LT - 81'-6" RT
 H 679.41 - 675.56 @ 2.63%
 1 EA. METAL END SEC, 30" EQUIV. ROUND SIZE

STA. 616+50 31' LT
 52' P CUL, CL D, T1, 15"
 2 EA. END SECTIONS, 15"
 TEMP. EASEMENT

STA. 618+56 32' LT
 46' P CUL, CL D, T1, 15"
 2 EA. END SECTIONS, 15"
 TEMP. EASEMENT

STA. 618+62
 REMOVAL OF EXISING STRUCTURES NO.8
 24" CMP W/DROP STRUCTURE

PROP. CURVE 60220
 PI STA. = 617+80.75
 $\Delta = 8^\circ 50' 14''$ (LT)
 $D = 1^\circ 54' 35''$
 $R = 3,000.00'$
 $T = 231.82'$
 $L = 462.72'$
 $E = 8.94'$
 $e = 3.4\%$
 $T.R. = 37'$
 $S.E. RUN = 84'$
 $P.C. STA. = 615+48.93$
 $P.T. STA. = 620+11.65$

IL RTE 2
 PROP. CURVE 70240
 PI STA. = 629+83.82
 $\Delta = 10^\circ 14' 28.7923''$ (RT)
 $D = 2^\circ 17' 30.5922''$
 $R = 2,500.0000'$
 $T = 224.0280'$
 $L = 446.8624'$
 $E = 10.0176'$
 $e = 3.8\%$
 $P.C.T.R. = 36'$
 $P.C.S.E. RUN = 138'$
 $P.T.S.E. RUN = 178'$ ROTATION AT STA. 633+25.63
 $P.C. STA. = 627+59.79$
 $P.T. STA. = 632+06.65$

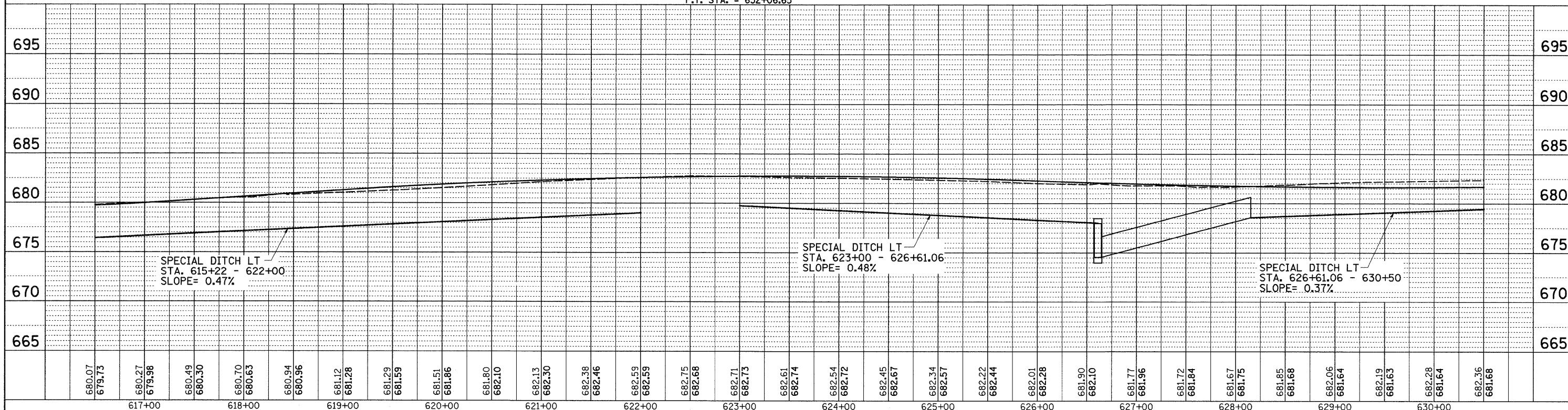
STA. 626+61
 REMOVAL OF EXISTING STRUCTURES NO. 2 (10' x 6' CONCRETE BOX CULVERT)
 79' 7' x 4' PRECAST CONCRETE BOX CULVERT
 45' LT - 34' RT
 $H 674.56 - 673.97 @ 0.75\%$
 1 EA. DROP BOX NO.2 LT
 1 EA. BOX CULVERT END SECTION CULVERT NO.1 RT

BOTANICAL AREA
 STA 626+50 RT TO STA 637+00 RT

X - TREE REMOVAL

PLAN	BY	DATE
SURVEYED		
DESIGNED		
CHECKED		
NOTED		
NO.		

PROFILE	BY	DATE
SURVEYED		
DESIGNED		
CHECKED		
NOTED		
NO.		



FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DESIGNED -	DRAWN -	REVISED -	742			37R-3	OGLE	345	128	
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 84788							
PLOT DATE = Fri May 01 08:08:29 2009	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							