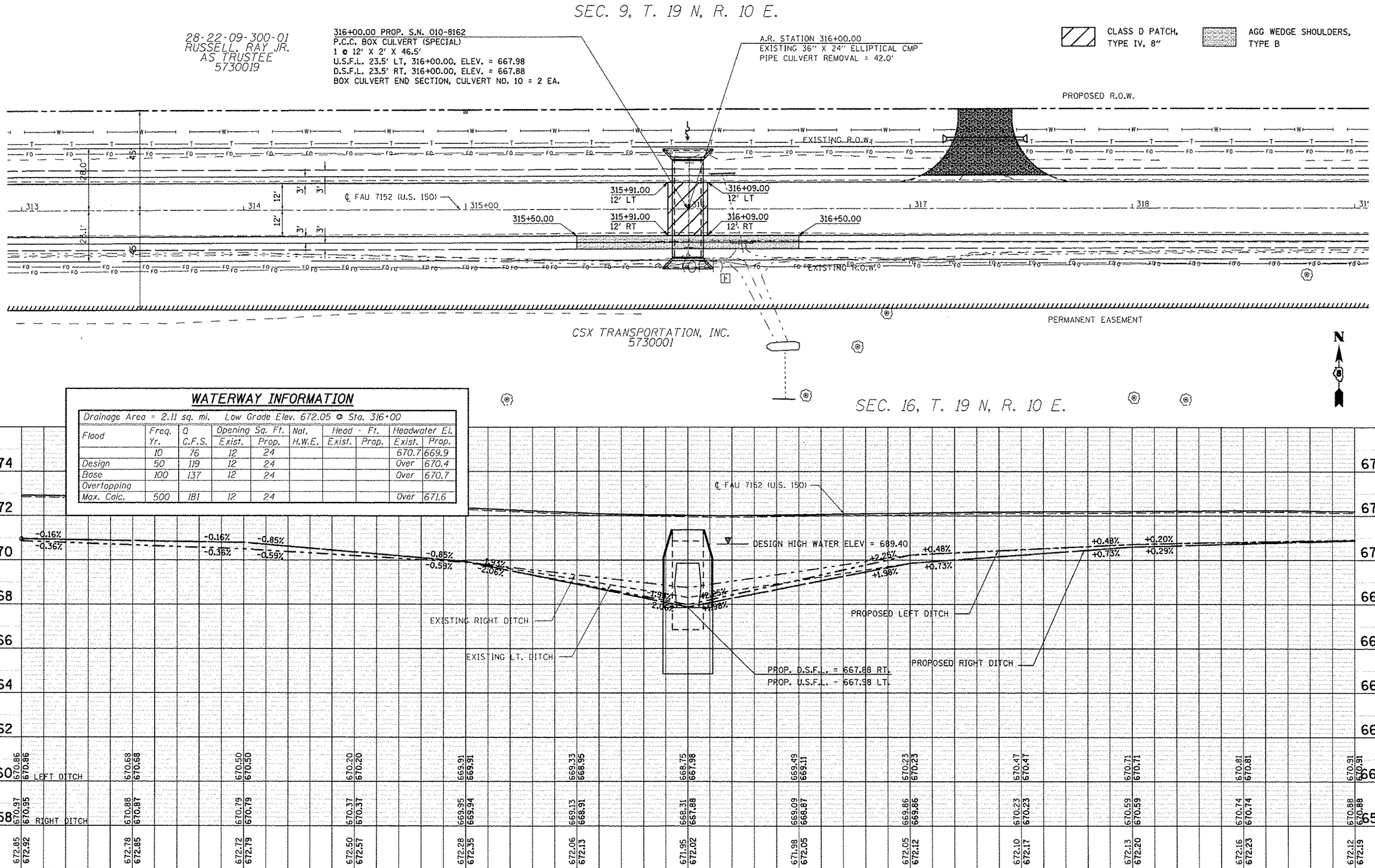

WATERWAY INFORMATION

Drainage Area = 2.11 sq. mi. Low Grade Elev. 672.05 @ Sta. 316+00

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Exist.	Opening Sq. Ft. Prop.	Nat. H.W.E.	Head - Ft. Exist.	Head - Ft. Prop.	Headwater El. Exist.	Headwater El. Prop.
	10	76	12	24				670.7	669.9
Design	50	119	12	24				Over	670.4
Base	100	137	12	24				Over	670.7
Overtopping									
Max. Calc.	500	181	12	24				Over	671.6

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHKD / NOTE BOOK NO. / BY / DATE

FILE NAME = c:\pw_work\pwidot\cearlockjd\d0120316\D570663-sht-drain.dgn	USER NAME = cearlockjd	DESIGNED JMS	REVISED -
		DRAWN JMS	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2013	DATE 081610	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL OF A.R. BOX CULVERT NO. 10
STA. 316 + 00.00, S.N. 010-8162

SCALE: 1" = 20' | SHEET NO. 1 OF 6 SHEETS | STA. 313+00.00 TO STA. 319+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(2X,3)RS-3 & 2RS-4	CHAMPAIGN	551	222
• F.A.U. 7152 & F.A.S. 1512		CONTRACT NO. 70663		
		ILLINOIS FED. AID PROJECT		