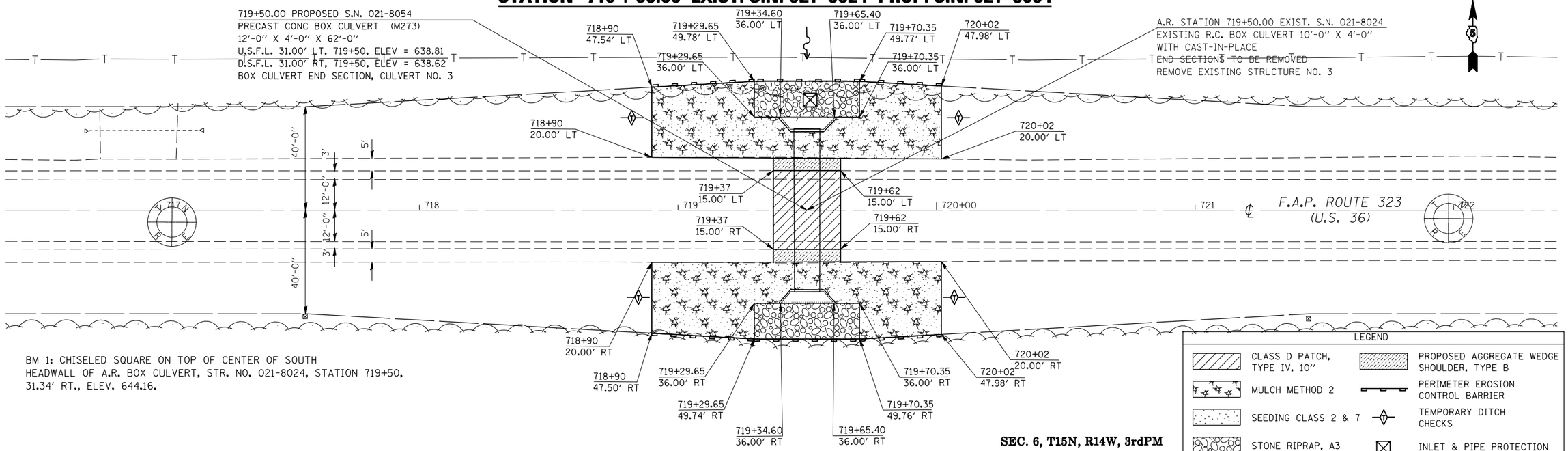
SEC. 36, T16N, R10E, 3rdPM

DETAIL OF ACROSS ROAD BOX CULVERT NO. 3

STATION 719+50.00 EXIST. S.N. 021-8024 PROP. S.N. 021-8054

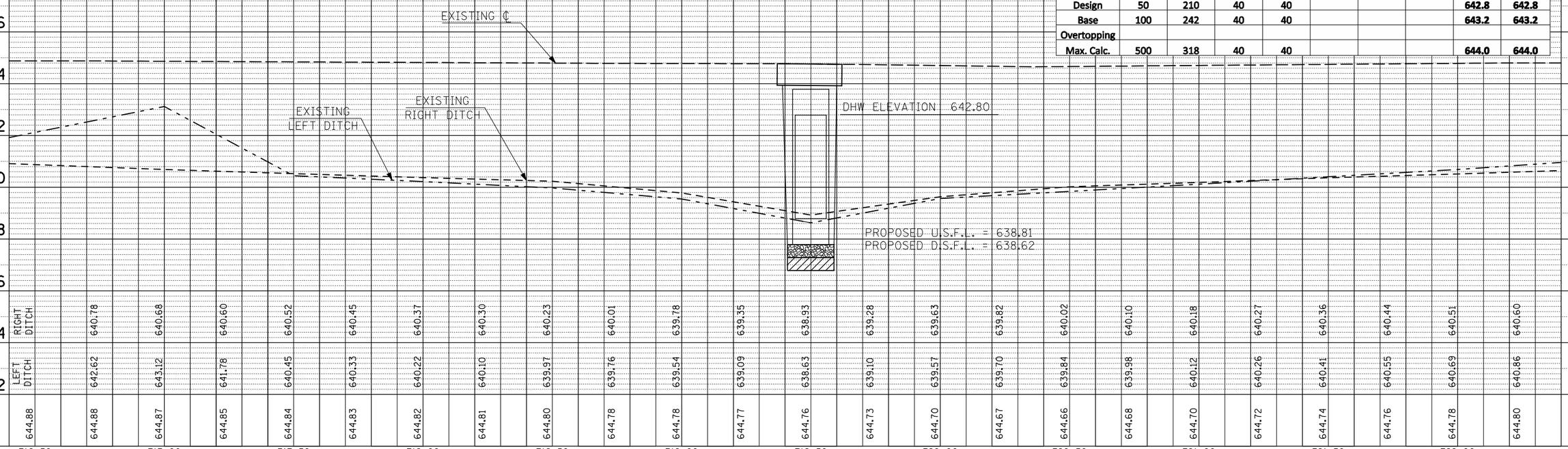


BM 1: CHISELED SQUARE ON TOP OF CENTER OF SOUTH HEADWALL OF A.R. BOX CULVERT, STR. NO. 021-8024, STATION 719+50, 31.34' RT., ELEV. 644.16.

SEC. 6, T15N, R14W, 3rdPM

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

Drainage Area = 1.1 mi 2		Proposed Low Grade Elev. = 644.67 ft @ Sta. 720+20							
Flood	Freq.	Q	Opening Sq.Ft.		Natural	Head - Ft.		Headwater Elevation	
	Yr.	C.F.S.	Existing	Proposed	H.W.E.	Existing	Proposed	Existing	Proposed
	10	136	32	32				642.0	642.0
Design	50	210	40	40				642.8	642.8
Base	100	242	40	40				643.2	643.2
Overtopping									
Max. Calc.	500	318	40	40				644.0	644.0



PROFILE: SURVEYED, PLOTTED, CHANGES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

FILE NAME = c:\pw_work\PWIDOT\BUCKLESJJ\d0134382\D570696-sht-plnprf.dgn	USER NAME = bucklesjj	DESIGNED - RLA	REVISED -
		DRAWN - JJB	REVISED -
	PLOT SCALE = 40.0000 ' / IN.	CHECKED - JMS	REVISED -
	PLOT DATE = 3/22/2010	DATE - 7-9-09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE S.N. 021-8054

SCALE: 1:20 | SHEET NO. 1 OF 5 SHEETS | STA. 719+37.00 TO STA. 719+67.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(145,146)CR	DOUGLAS	31	20
		CONTRACT NO. 70696		
	ILLINOIS FED. AID PROJECT			