

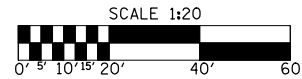
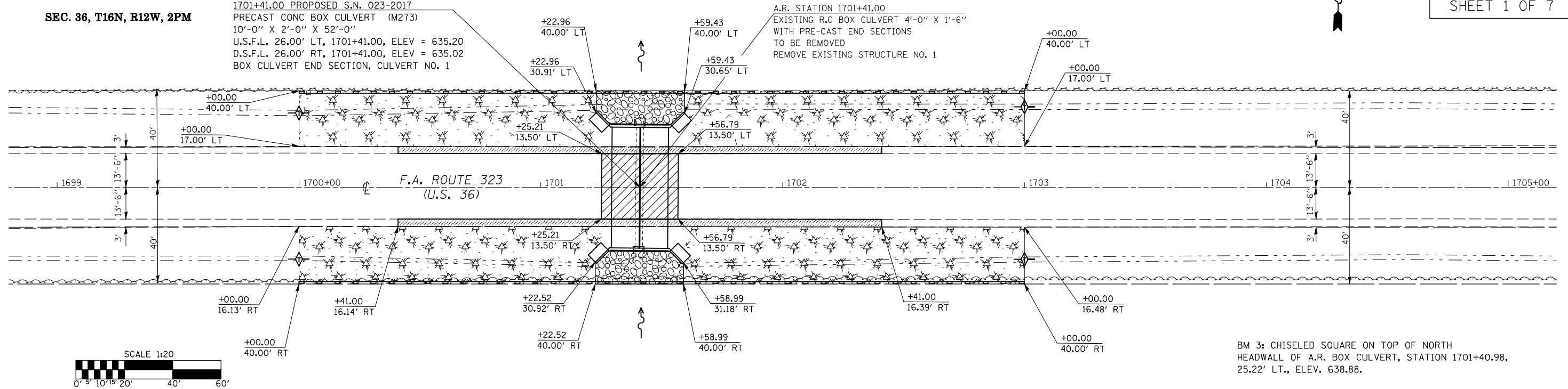
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(149,150)RS-3	EDGAR	83	35
STA. 1699+00		TO STA. 1705+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DETAIL OF ACROSS ROAD BOX CULVERT NO. 1
STATION 1701+41.00, S.N. 023-2017

SEC. 36, T16N, R12W, 2PM

1701+41.00 PROPOSED S.N. 023-2017
 PRECAST CONC BOX CULVERT (M273)
 10'-0" X 2'-0" X 52'-0"
 U.S.F.L. 26.00' LT, 1701+41.00, ELEV = 635.20
 D.S.F.L. 26.00' RT, 1701+41.00, ELEV = 635.02
 BOX CULVERT END SECTION, CULVERT NO. 1

A.R. STATION 1701+41.00
 EXISTING R.C BOX CULVERT 4'-0" X 1'-6"
 WITH PRE-CAST END SECTIONS
 TO BE REMOVED
 REMOVE EXISTING STRUCTURE NO. 1



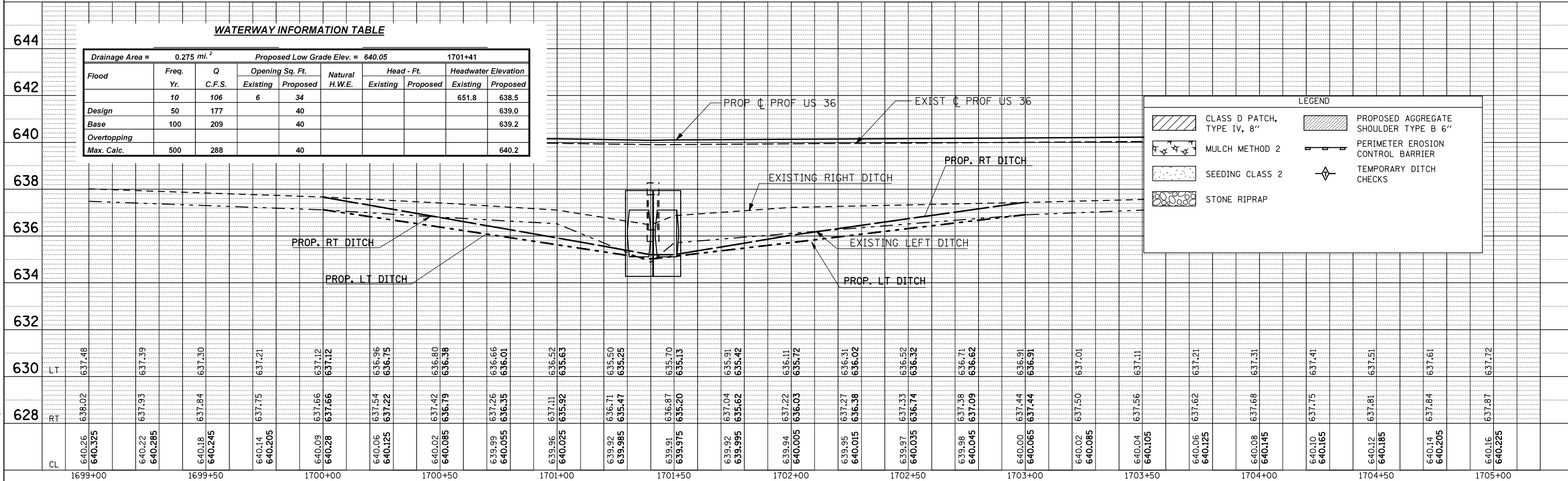
BM 3: CHISELED SQUARE ON TOP OF NORTH HEADWALL OF A.R. BOX CULVERT, STATION 1701+40.98, 25.22' LT., ELEV. 638.88.

44201747 CLASS D PATCHES, TYPE IV, 8" = 95.0 SQ YD

WATERWAY INFORMATION TABLE

Drainage Area = 0.275 mi. ²		Proposed Low Grade Elev. = 640.05		1701+41					
Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Natural H.W.E.	Head - Ft.		Headwater Elevation	
			Existing	Proposed		Existing	Proposed	Existing	Proposed
Design	50	177	6	34				651.8	638.5
Base	100	209		40					639.0
Overtopping				40					639.2
Max. Calc.	500	288		40					640.2

DATE: 4/5/2009
 FILE NAME: c:\p\m\w\p\1001\SHERRILL\m\7384\70113\culvert\sheeta.dgn
 PLOT SCALE: 1/4" = 1'-0"
 USER NAME: sherrill



LEGEND

	CLASS D PATCH, TYPE IV, 8"		PROPOSED AGGREGATE SHOULDER TYPE B 6"
	MULCH METHOD 2		PERIMETER EROSION CONTROL BARRIER
	SEEDING CLASS 2		TEMPORARY DITCH CHECKS
	STONE RIPRAP		