

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(149,150)RS-3	EDGAR	83	49
STA. 1831+00		TO STA. 1837+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

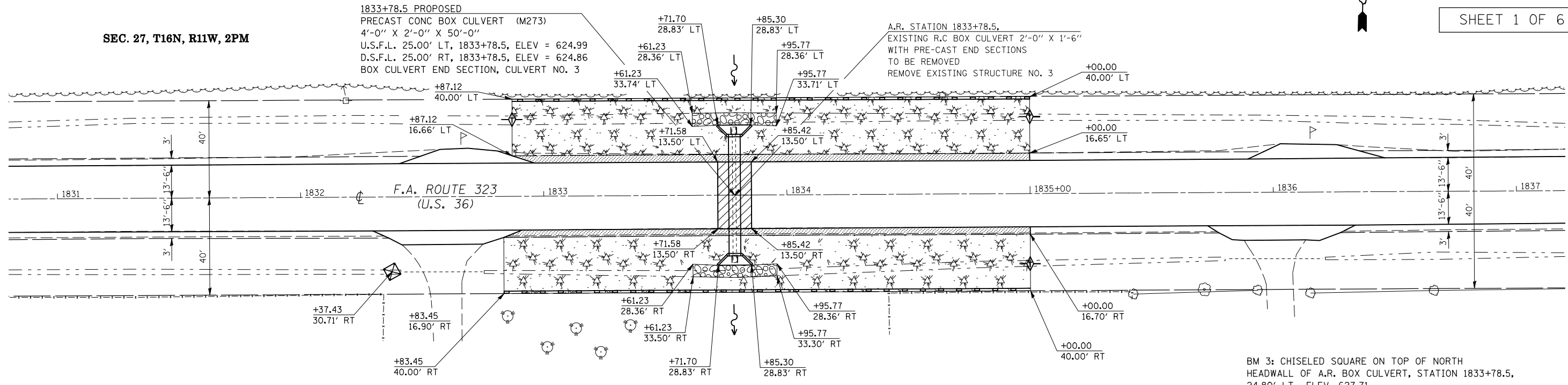
**DETAIL OF ACROSS ROAD BOX CULVERT NO. 3
STATION 1833+78.50**

SHEET 1 OF 6

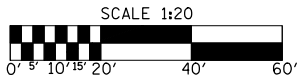
SEC. 27, T16N, R11W, 2PM

1833+78.5 PROPOSED
PRECAST CONC BOX CULVERT (M273)
4'-0" X 2'-0" X 50'-0"
U.S.F.L. 25.00' LT, 1833+78.5, ELEV = 624.99
D.S.F.L. 25.00' RT, 1833+78.5, ELEV = 624.86
BOX CULVERT END SECTION, CULVERT NO. 3

A.R. STATION 1833+78.5,
EXISTING R.C BOX CULVERT 2'-0" X 1'-6"
WITH PRE-CAST END SECTIONS
TO BE REMOVED
REMOVE EXISTING STRUCTURE NO. 3



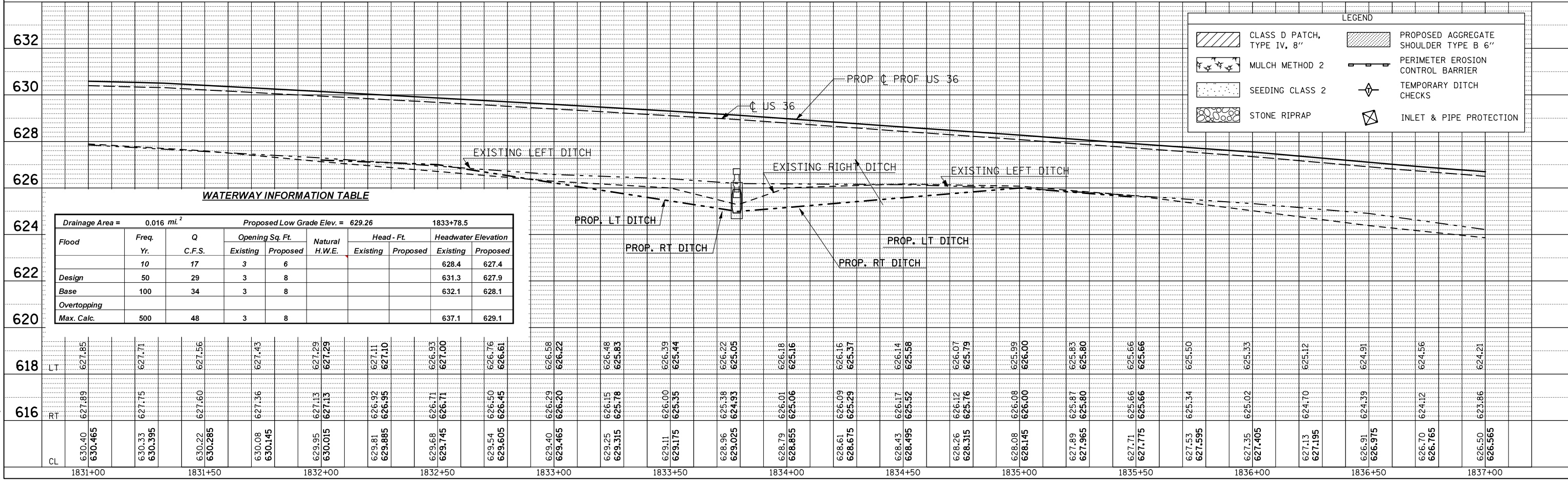
BM 3: CHISELED SQUARE ON TOP OF NORTH
HEADWALL OF A.R. BOX CULVERT, STATION 1833+78.5,
24.80' LT., ELEV. 627.71



44201747 CLASS D PATCHES, TYPE IV, 8" = 81.0 SQ YD

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NOTE BOOK	
	NO. OF WAY CHECKED	
	DATE FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NOTE BOOK	
	NO. OF WAY CHECKED	
	DATE FILE NAME	



WATERWAY INFORMATION TABLE

Drainage Area = 0.016 mi. ²		Proposed Low Grade Elev. = 629.26				1833+78.5		
Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Head - Ft.		Headwater Elevation	
			Existing	Proposed	Existing	Proposed	Existing	Proposed
Design	10	17	3	6			628.4	627.4
Base	50	29	3	8			631.3	627.9
Overtopping	100	34	3	8			632.1	628.1
Max. Calc.	500	48	3	8			637.1	629.1

PLOT DATE = 4/5/2009
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PLOT SCALE = 4:3229 / IN.
USER NAME = sherrill