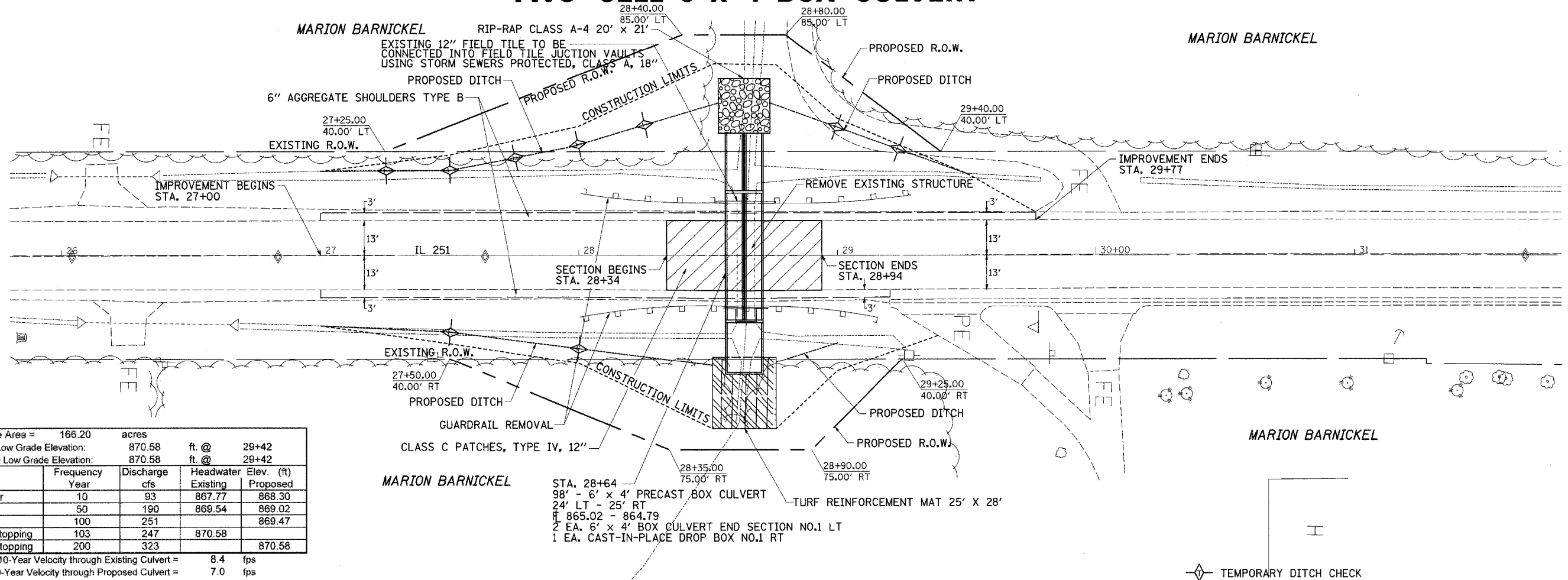


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# STA. 28 + 64 TWO CELL 6' x 4' BOX CULVERT

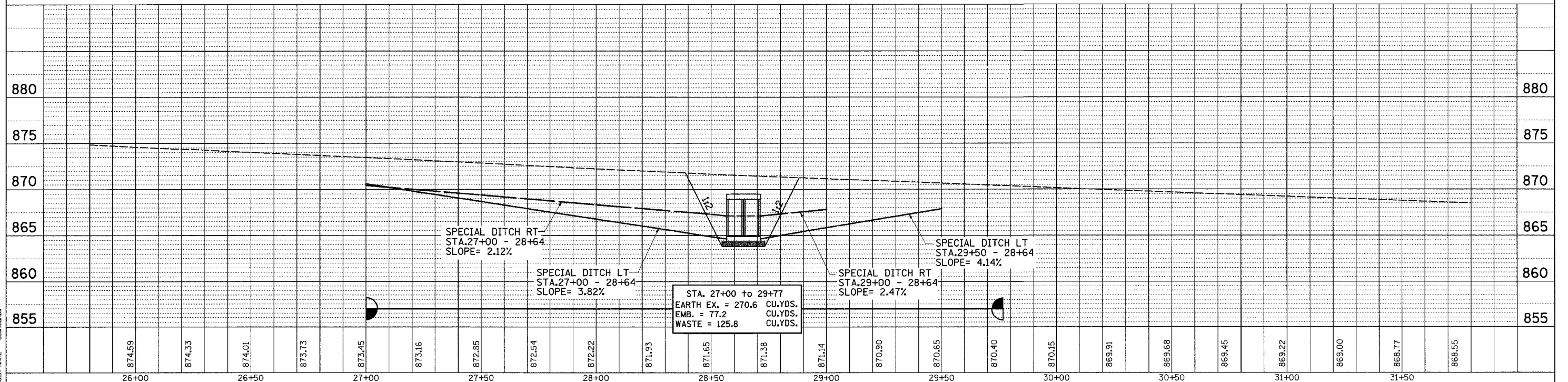


Drainage Area =	166.20	acres		
Existing Low Grade Elevation:	870.58	ft. @	29+42	
Proposed Low Grade Elevation:	870.58	ft. @	29+42	
Flood Year	Frequency	Discharge cfs	Headwater Existing	Elev. (ft) Proposed
Ten-Year	10	93	867.77	868.30
Design	50	190	869.54	869.02
Base	100	251	869.54	869.47
EX Overtopping	103	247	870.58	
PR Overtopping	200	323		870.58

10-Year Velocity through Existing Culvert = 8.4 fps  
 10-Year Velocity through Proposed Culvert = 7.0 fps

STA. 28+64  
 98' - 6' x 4' PRECAST BOX CULVERT  
 24' LT - 25' RT  
 # 865.02 - 864.79  
 2 EA. 6' x 4' BOX CULVERT END SECTION NO.1 LT  
 1 EA. CAST-IN-PLACE DROP BOX NO.1 RT

TEMPORARY DITCH CHECK



**STA. 28 + 64 TWO CELL 6' x 4' BOX CULVERT**

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_  
 PLANNING: \_\_\_\_\_  
 DESIGN: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 DRAWN: \_\_\_\_\_

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 PROFILE: \_\_\_\_\_  
 GRADES CHECKED: \_\_\_\_\_  
 STRAIGHTENING CHECKED: \_\_\_\_\_

PLOT DATE = Tue Feb 26 10:28:54 2008  
 PLOT NAME = 28+64.dwg  
 PLOT SCALE = 20.0000 / In.  
 USER NAME = cshamman