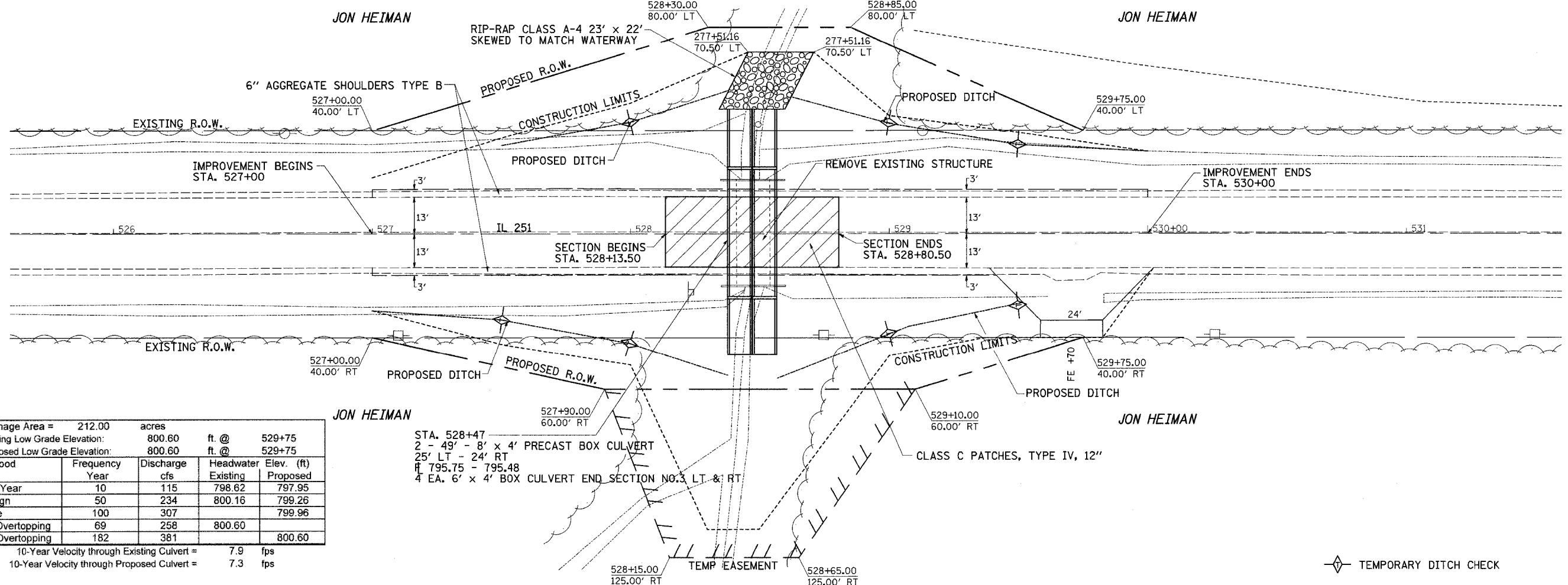


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

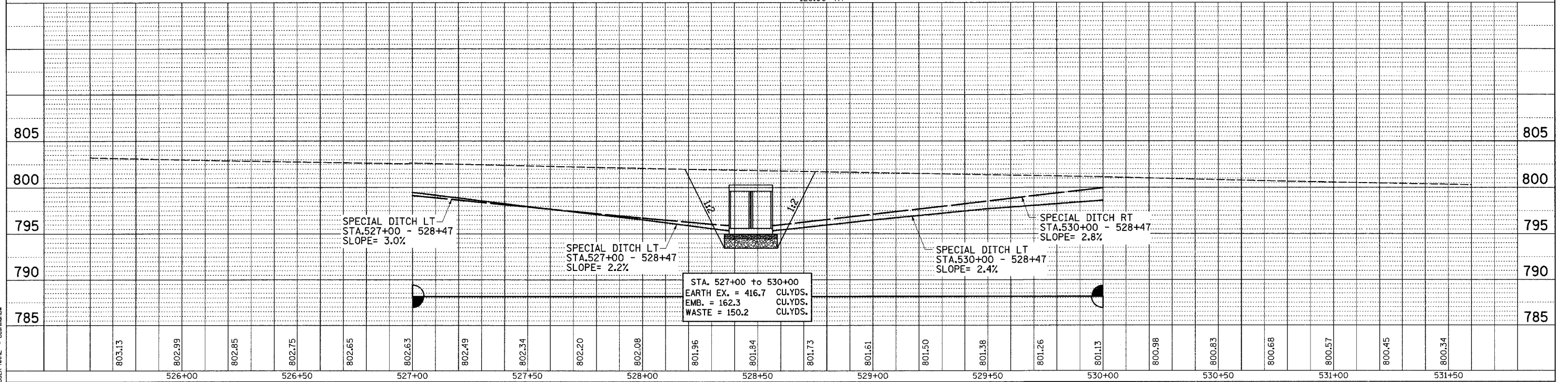
STA. 528 + 47 TWO CELL 8' x 4' BOX CULVERT



Drainage Area =	212.00	acres		
Existing Low Grade Elevation:	800.60	ft. @	529+75	
Proposed Low Grade Elevation:	800.60	ft. @	529+75	
Flood Year	Frequency	Discharge cfs	Headwater Existing	Headwater Proposed
Ten-Year	10	115	798.62	797.95
Design	50	234	800.16	799.26
Base	100	307		799.96
EX Overtopping	69	258	800.60	
PR Overtopping	182	381		800.60
10-Year Velocity through Existing Culvert =		7.9	fps	
10-Year Velocity through Proposed Culvert =		7.3	fps	

STA. 528+47
 2 - 49' - 8' x 4' PRECAST BOX CULVERT
 25' LT - 24' RT
 # 795.75 - 795.48
 4 EA. 6' x 4' BOX CULVERT END SECTION NO. 3 LT & RT

STA. 527+00 to 530+00
 EARTH EX. = 416.7 CU.YDS.
 EMB. = 162.3 CU.YDS.
 WASTE = 150.2 CU.YDS.



STA. 528 + 47 TWO CELL 8' x 4' BOX CULVERT

PLANNING
 CHECKED
 DATE FILE NAME
 NO.

PROFILE
 CHECKED
 DATE
 NO.

PLOT DATE = Tue Feb 26 10:28:55 2008
 PLOT SCALE = 20.0000 / IN.
 USER NAME = cshamshaw