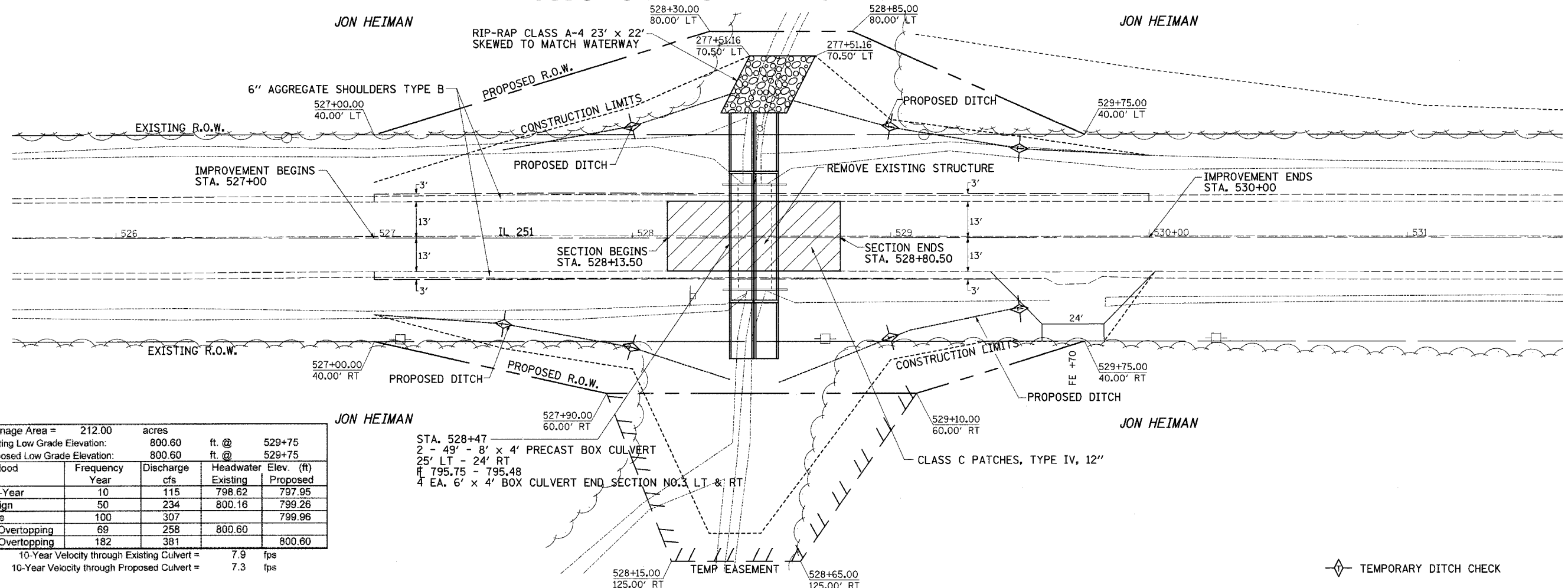


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	(110,111)T	LEE	59	20
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

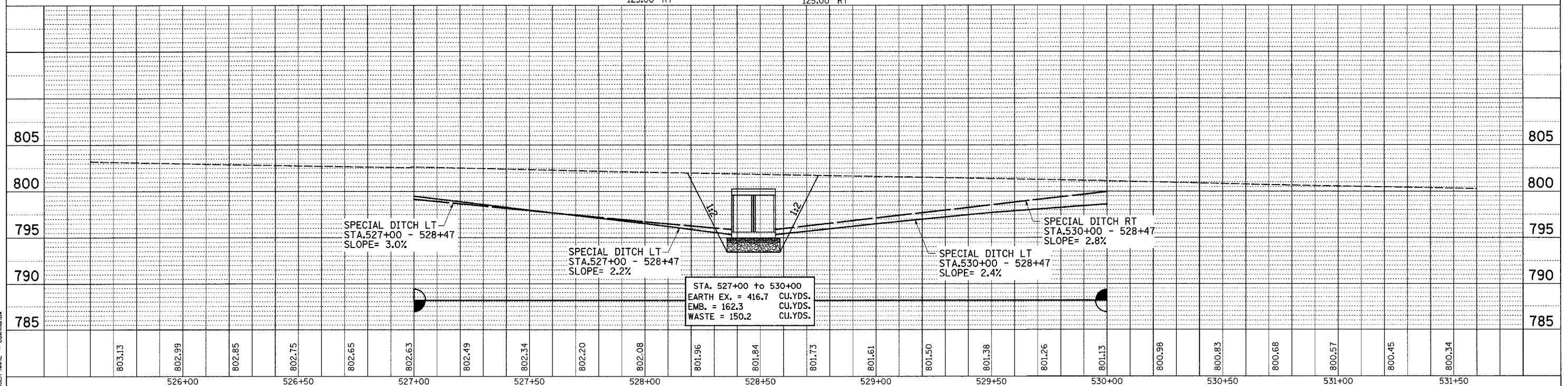


Drainage Area = 212.00 acres					
Existing Low Grade Elevation:	800.60 ft. @ 529+75				
Proposed Low Grade Elevation:	800.60 ft. @ 529+75				
Flood Year	Frequency	Discharge cfs	Headwater Existing	Headwater Proposed	Elev. (ft)
Ten-Year	10	115	798.62	797.95	
Design	50	234	800.16	799.26	
Base	100	307	800.60	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
 F 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

REVISIONS
 DATE BY
 NO. DATE BY
 PL.A.
 NOTE BOOK
 NO.

PROFILE
 DATE BY
 NO. DATE BY
 GRADE CHECKED
 STRUCTURE NOTATION CHD
 USER NAME = cwhmanby

PLOT DATE = Tue Feb 26 10:28:05 2008
 PLOT SCALE = 20.0000 / 1" = 40.0000'
 USER NAME = cwhmanby