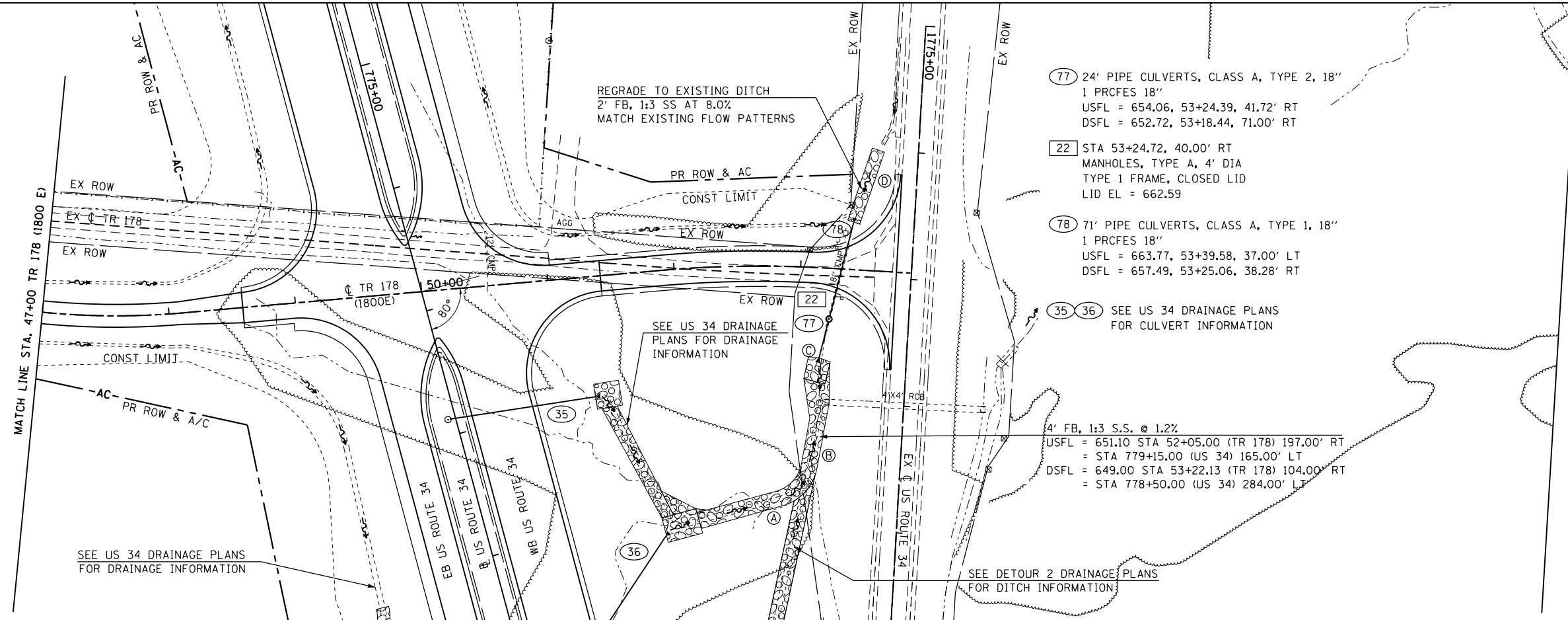


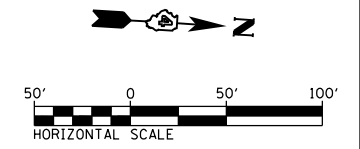
- (A) STONE RIPRAP CLASS B4 L100' X W12'
- (B) STONE RIPRAP CLASS B4 L75' X W13'
- (C) STONE RIPRAP CLASS B4 L16' X W13'
- (D) STONE RIPRAP CLASS B4 L60' X W10'



- (77) 24' PIPE CULVERTS, CLASS A, TYPE 2, 18" 1 PRCFES 18" USFL = 654.06, 53+24.39, 41.72' RT DSFL = 652.72, 53+18.44, 71.00' RT
- (22) STA 53+24.72, 40.00' RT MANHOLES, TYPE A, 4' DIA TYPE 1 FRAME, CLOSED LID LID EL = 662.59
- (78) 71' PIPE CULVERTS, CLASS A, TYPE 1, 18" 1 PRCFES 18" USFL = 663.77, 53+39.58, 37.00' LT DSFL = 657.49, 53+25.06, 38.28' RT

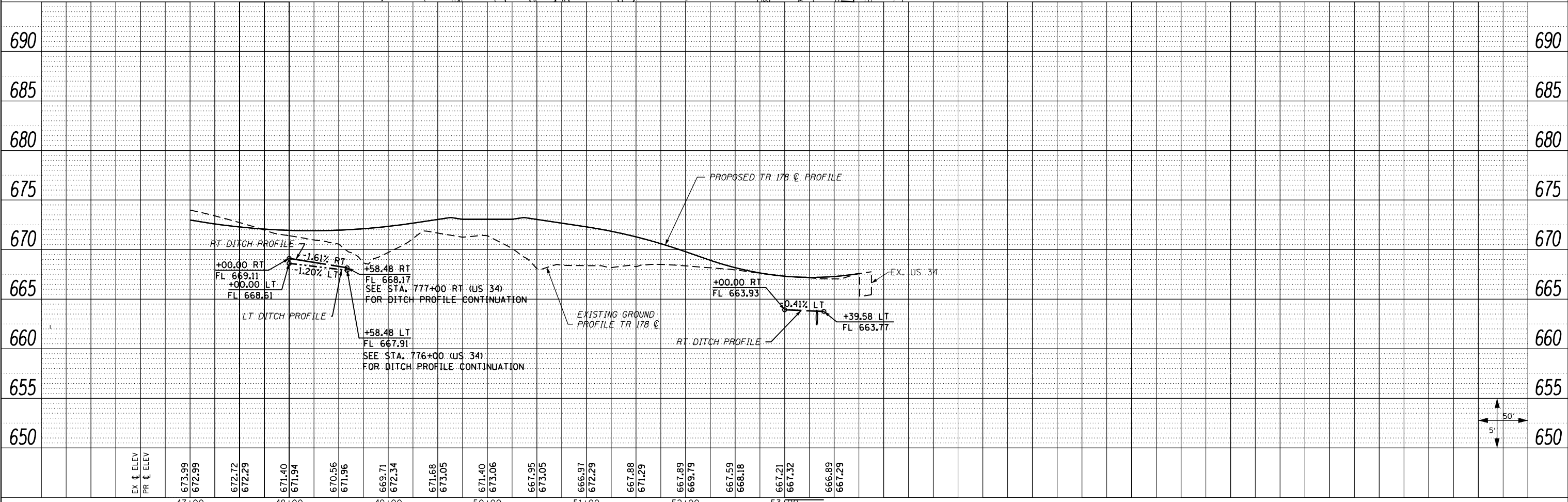
(35) (36) SEE US 34 DRAINAGE PLANS FOR CULVERT INFORMATION

4' FB, 1:3 S.S. @ 1.2%  
 USFL = 651.10 STA 52+05.00 (TR 178) 197.00' RT  
 = STA 779+15.00 (US 34) 165.00' LT  
 DSFL = 649.00 STA 53+22.13 (TR 178) 104.00' RT  
 = STA 778+50.00 (US 34) 284.00' LT



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO. _____	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO. _____	



EX. ELEV	PR. ELEV	673.99	672.99	672.72	672.29	671.40	671.94	670.56	671.96	669.71	672.34	671.68	673.05	671.40	673.06	667.95	673.05	666.97	672.29	667.88	671.29	667.89	669.79	667.59	668.18	667.21	667.32	666.89	667.29
		47+00		48+00		49+00		50+00		51+00		52+00		53+00															

FILE NAME = D468409-SHT-50-DRAIN-TR178-02.dgn

USER NAME = zechl	DESIGNED - DBS	REVISED -
	DRAWN - PSBA	REVISED -
	CHECKED - CSB	REVISED -
	DATE - 10/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN AND PROFILE  
TR 178 (1800E)**

SCALE: 1" = 50' SHEET NO. 50 OF 61 SHEETS STA. 47+00.00 TO STA. 53+83.87

F.A.P. RTE. 313	SECTION 7-2 ; 6-1	COUNTY HENDERSON	TOTAL SHEETS 976	SHEET NO. 325
			CONTRACT NO. 68409	
ILLINOIS FED. AID PROJECT				