

Drainage Area = 3.1 Acres		Drainage Area PR = 3.1 Acres			
Existing Low Grade Elevation: 839.54 ft. @ 363+63		Proposed Low Grade Elevation: 839.73 ft. @ 363+63			
Flood Year	Frequency	Discharge EX cfs	Discharge PR cfs	Headwater Elev. (ft) Existing	Proposed
Ten-Year	10	7.0	7.0	818.34	818.48
Design	50	10.0	10.0	818.69	818.91
Base	100	11.0	11.0	818.8	819.14
EX Overtopping	>500				
PR Overtopping	>500				
Max Calc	500	15.0	15.0	819.25	819.94

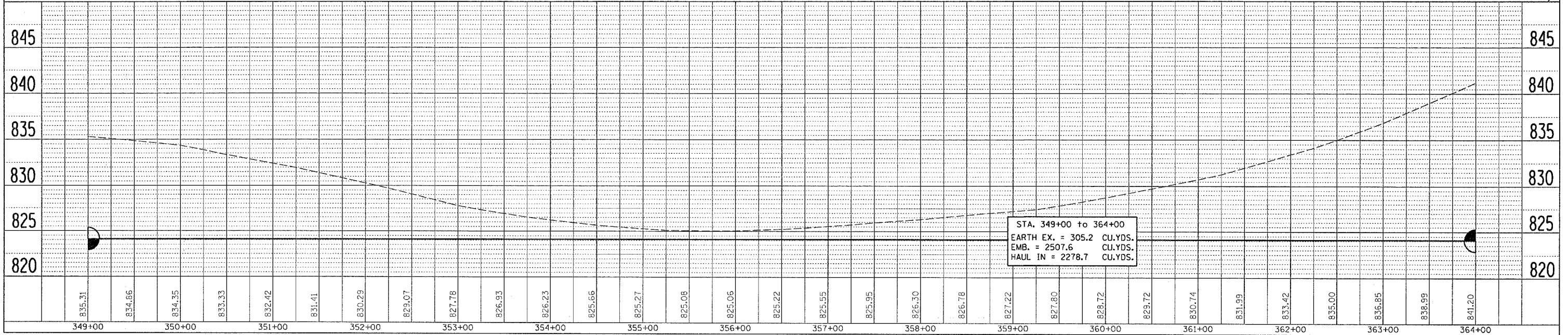
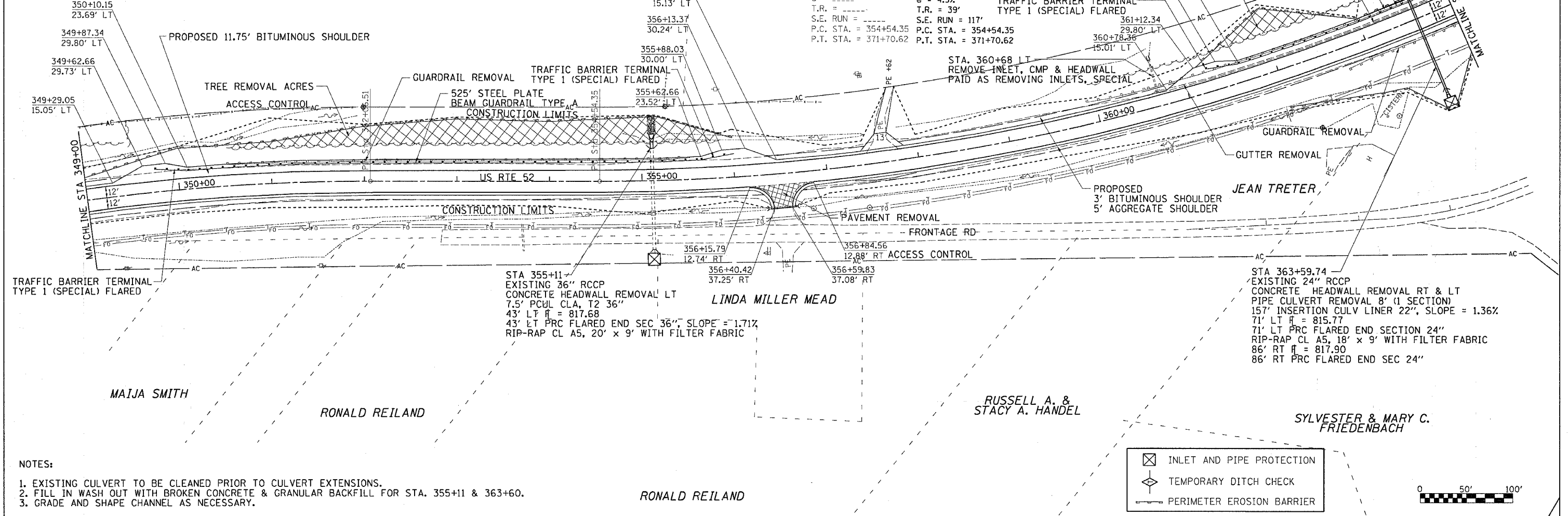
JOHN F. BREUNINS JR.

JOHN J. MIZLO JR.

US RTE 52  
 EXIST. CURVE S330  
 PI STA. = 363+54.84  
 $\Delta = 42^\circ 50' 32''$  (LT)  
 $D = 2^\circ 29' 46''$   
 $R = 2,295.29'$   
 $T = 900.49'$   
 $L = 1,716.27'$   
 $E = 170.32'$   
 $e =$   
 T.R. =  
 S.E. RUN =  
 P.C. STA. = 354+54.35  
 P.T. STA. = 371+70.62

PROP. CURVE S330  
 PI STA. = 363+54.84  
 $\Delta = 42^\circ 50' 32''$  (LT)  
 $D = 2^\circ 29' 46''$   
 $R = 2,295.29'$   
 $T = 900.49'$   
 $L = 1,716.27'$   
 $E = 170.32'$   
 $e = 4.5\%$   
 T.R. = 39'  
 S.E. RUN = 117'  
 P.C. STA. = 354+54.35  
 P.T. STA. = 371+70.62

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	CARROLL	548	101
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
* ROUTE 17 (US 52 / IL 64)				
** (L2)RS & (3-1)RS-1				



DATE	BY	DESCRIPTION

DATE	BY	DESCRIPTION

DATE-TIME  
 \*REF \*REF \*REF \*REF