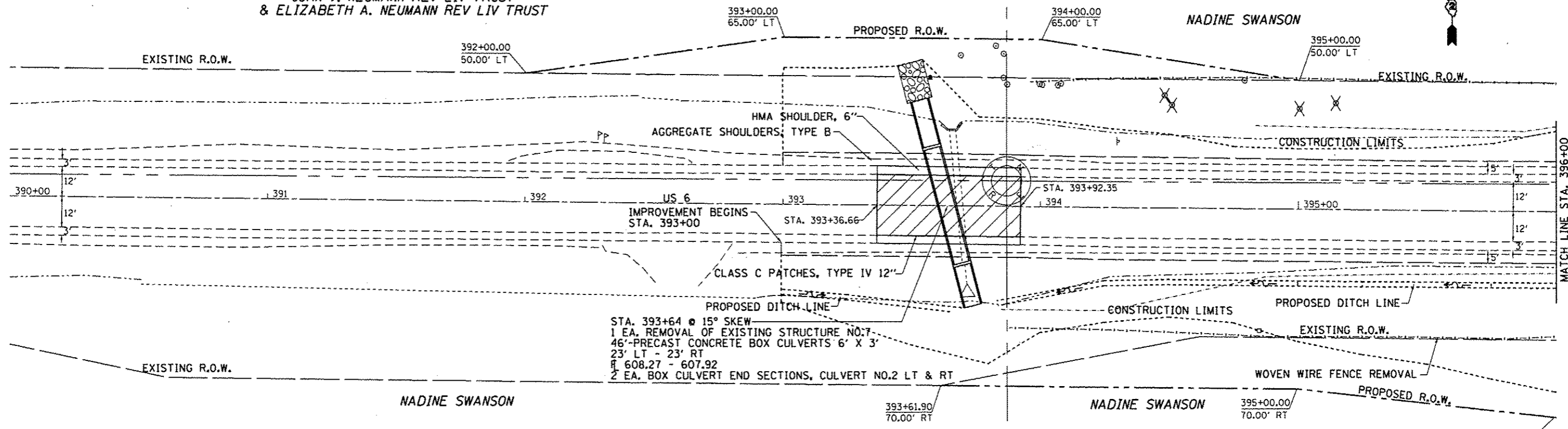


JOHN V. NEUMANN REV LIV TRUST
& ELIZABETH A. NEUMANN REV LIV TRUST



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STA. 393+64 @ 15° SKEW
1 EA. REMOVAL OF EXISTING STRUCTURE NO.7
46'-PRECAST CONCRETE BOX CULVERTS 6' X 3'
23' LT - 23' RT
608.27 - 607.92
2 EA. BOX CULVERT END SECTIONS, CULVERT NO.2 LT & RT

WATERWAY INFORMATION TABLE

Drainage Area = 17 acres				
Existing Low Grade Elevation:		611.30	ft. @	393+64
Proposed Low Grade Elevation:		611.30	ft. @	393+64
Flood Year	Frequency	Discharge cfs	Headwater Elev. (ft)	
			Existing	Proposed
Ten-Year	10	12	610.90	610.11
OVT (Existing)	11	13	611.30	-
Design	50	26	-	610.66
Base	100	35	-	610.97
OVT (Proposed)	213	44	-	611.30

10-Year Velocity through Existing Culvert = 11.7 fps
10-Year Velocity through Proposed Culvert = 4.9 fps

