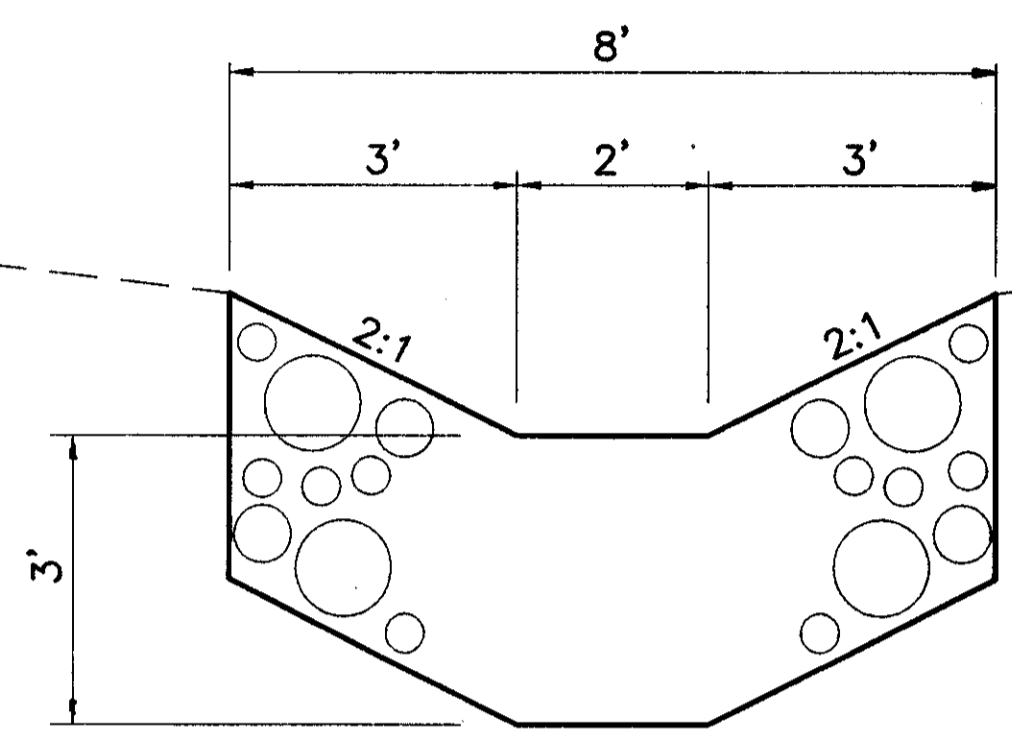


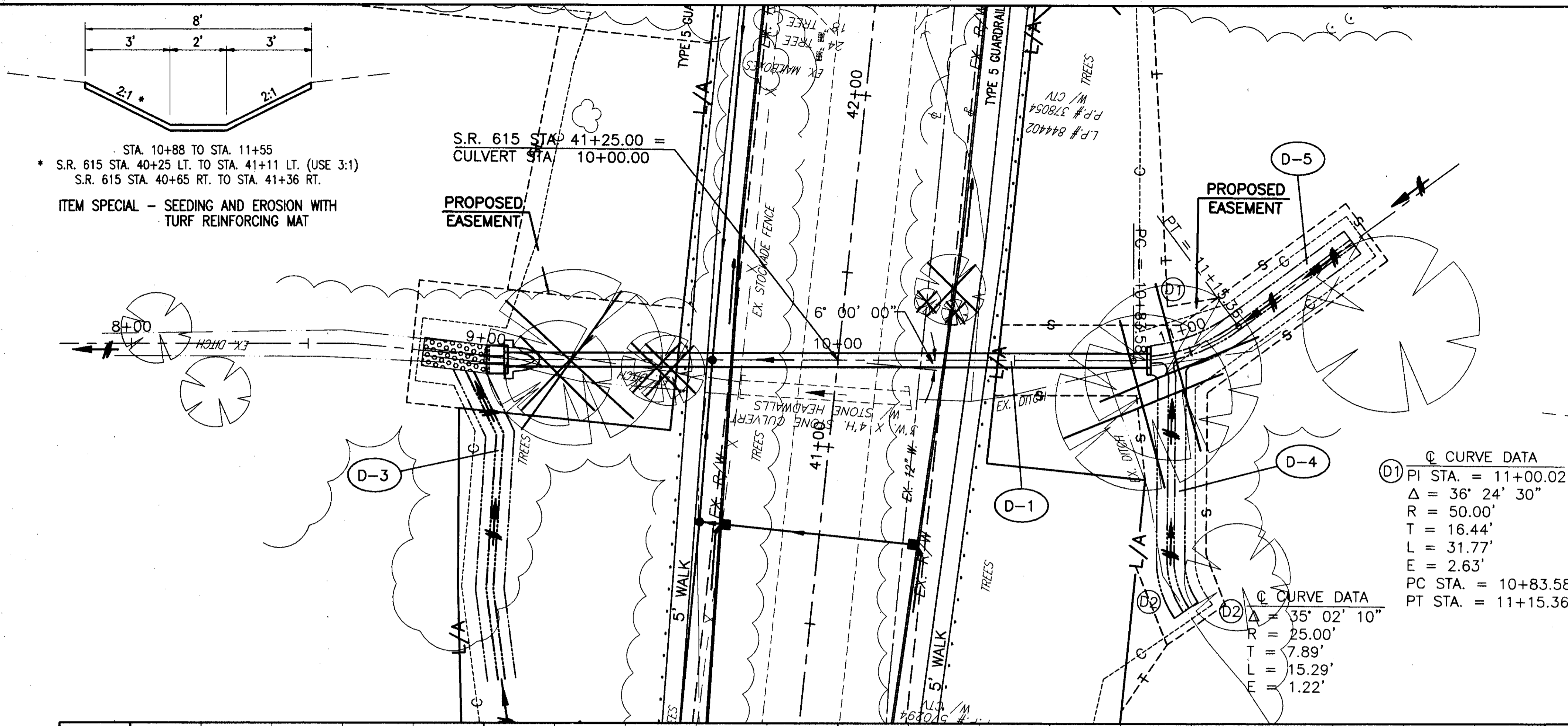
PROPOSED STRUCTURE DATA	
TYPE	= 48" CONDUIT, TYPE A, 706.02
DRAINAGE AREA	= 76.4 ACRES
Q ₂₅	= 76 CFS
Q ₁₀₀	= 108 CFS
HW ₂₅	= 747.65
HW ₁₀₀	= 748.83
V ₂₅	= 11.25 FPS
V ₁₀₀	= 12.50 FPS

EXISTING STRUCTURE DATA	
TYPE	= STONE BOX W/ STONE HEADWALLS
SIZE	= 3' W X 4' H BOX
ALIGNMENT	= TANGENT



STA. 8+82.64 TO STA. 9+00.64

ITEM 601 - ROCK CHANNEL PROTECTION
TYPE A, WITH FILTER
AS PER STD. DWG. HW-2.2

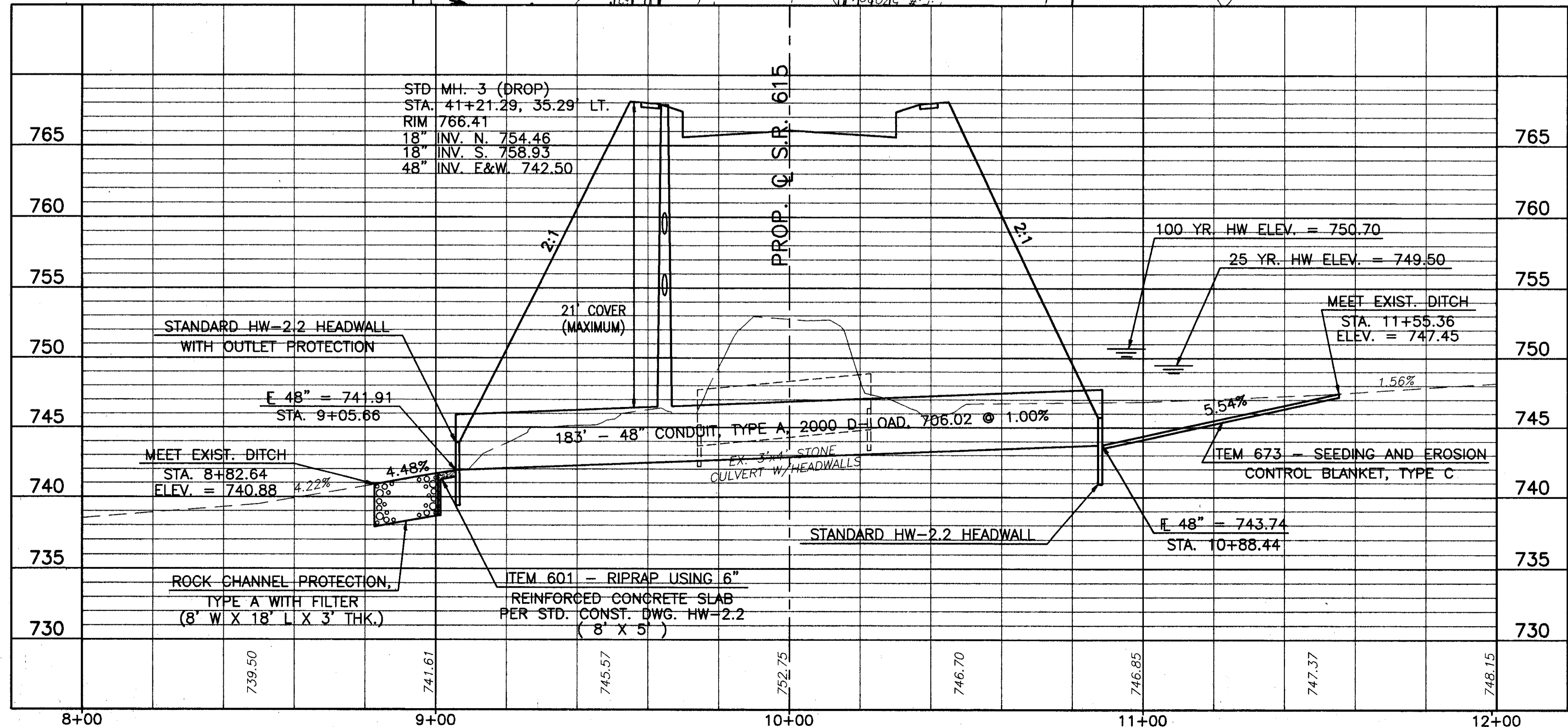


Q CURVE DATA

D1	PI STA. = 11+00.02
	Δ = 36° 24' 30"
	R = 50.00'
	T = 16.44'
	L = 31.77'
	E = 2.63'
	PC STA. = 10+83.58
	PT STA. = 11+15.36

Q CURVE DATA

D2	Δ = 35° 02' 10"
	R = 25.00'
	T = 7.89'
	L = 15.29'
	E = 1.22'



SPECIAL	DESCRIPTION	SO. YD.	CUL. YD.	CUL. YD.	LIN. FT.	UN. FT.	SO. YD.
603	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT						
603	48" CONDUIT, TYPE A, 706.02, 2000 D-LOAD, AS PER PLAN	4.50	16.0	2.18	183		58.7
602	CONCRETE MASONRY						80.0
601	ROCK CHANNEL PROTECTION, TYPE A WITH FILTER						62.3
601	RIPRAP 6" REINFORCED CONCRETE SLAB						
		4.50	16.0	2.18	183		201.0

REF	LOCATION	TOTALS
D-1	STA. 9+05.66 TO STA. 10+88.44	
D-2	STA. 10+88 TO STA. 11+55	
D-3	STA. 40+25 TO STA. 41+11, LT. (S.R. 615)	
D-4	STA. 40+65 TO STA. 41+36, RT. (S.R. 615)	

CULVERT DETAIL
PLAN AND PROFILE STA. 41+25

LAK-IR90/SR615-9.26/1.51

266
393

H:\CT\97125\SDSK\7125D701.DWG - PLOT SCALE = 1 : 1