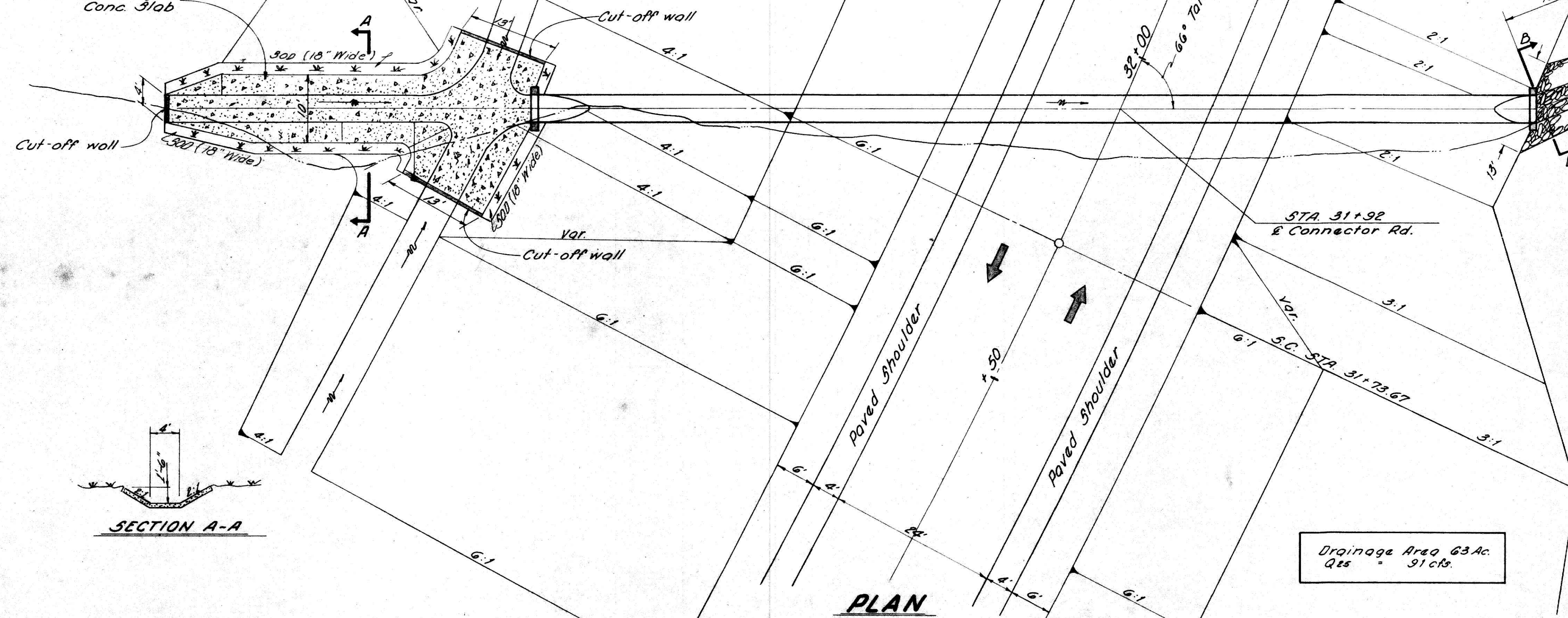


End Area		Volume		Section
Cut	Fill	Cut	Fill	
22	0	6	0	B-B
16	0	8	0	C-C
5	0	2	0	D-D
0	0			E-E
Totals	16	0	0	

CURVE DATA
P.I. STA. 32 + 89.10
Δ = 47° 04' 00" Lt.
Δc = 15° 04' 00"
Dc = 8° 00' 00"
Rc = 716.20'
Ts = 515.43'
Es = 75.10'
Lc = 188.33'
Ls = 400.00'
Qs = 16° 00' 00"

Riprap, Using 6" Reinf.
Conc. Slab



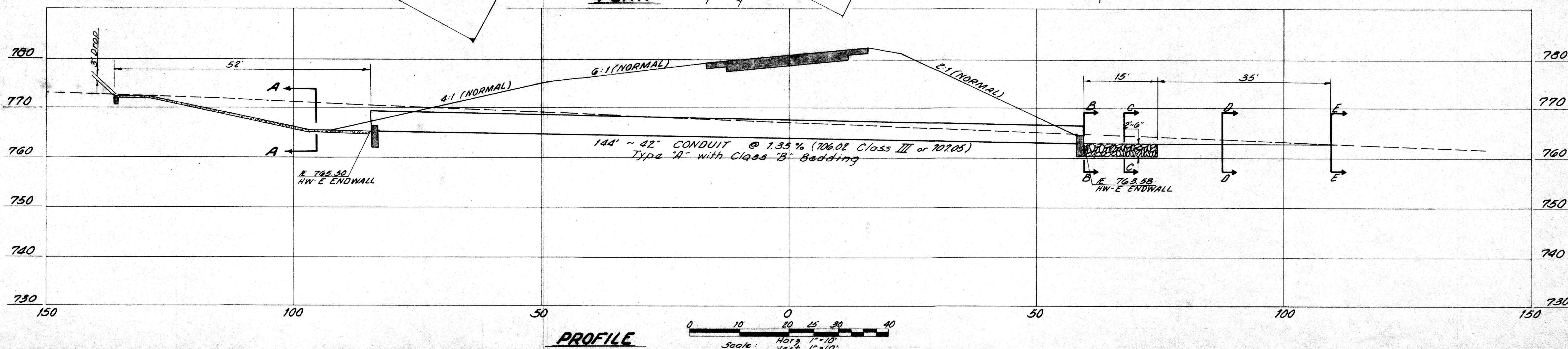
ESTIMATED QUANTITIES

ITEM 603 42" Conduit, Type "A" with Class "B" Bedding (706.02 CL III or 707.05)	144 L.F.
ITEM 602 Concrete Masonry	132 C.Y.
ITEM 601 Dumped Rock Channel Protection	13.5 C.Y.
ITEM 601 Riprap, Using 6" Concrete Slab as per Plan	70 S.Y.
ITEM 600 Sodding	17 S.Y.
ITEM 203 Excavation	16 C.Y.

Drainage Area 63 Ac.
Qes 91 cfs.

STA. 31+92
CONNECTOR ROAD

Note:
Reference made to
Standard Drawings
MC-4 HW-E



PROFILE

Scale: Horz. 1"=10'
Vert. 1"=10'

CULVERT DETAILS STA. 31+92 CONNECTOR RD.