

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

MUSKINGUM COUNTY
MUS - 60-31.70

End Area	Volume	Section
Cut	Fill	
22	0	B-B
16	0	8'
5	0	C-C
0	0	20
0	0	D-D
0	0	22'
0	0	E-E
Totals	16	0

ESTIMATED QUANTITIES

ITEM 603 42" Conduit Type "A" with Class "B" Bedding (MS-02 or MS-05)	144 L.F.
ITEM 602 Concrete Masonry	132 C.Y.
ITEM 601 Dumped Rock Channel Protection	135 C.Y.
ITEM 604 Riprap, Using 6" Concrete Slab as per Plan	70 S.Y.
ITEM 600 Sodding	17 S.Y.
ITEM 203 Excavation	16 C.Y.

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

CURVE DATA
P.I. STA. 32+89.10
 $\Delta = 47^\circ 04' 00''$ Lt.
 $\Delta c = 15^\circ 04' 00''$
 $Dc = 8^\circ 00' 00''$
 $Rc = 716.20'$
 $Ts = 515.43'$
 $Es = 75.10'$
 $Lc = 168.33'$
 $Ls = 400.00'$
 $Qs = 16^\circ 00' 00''$

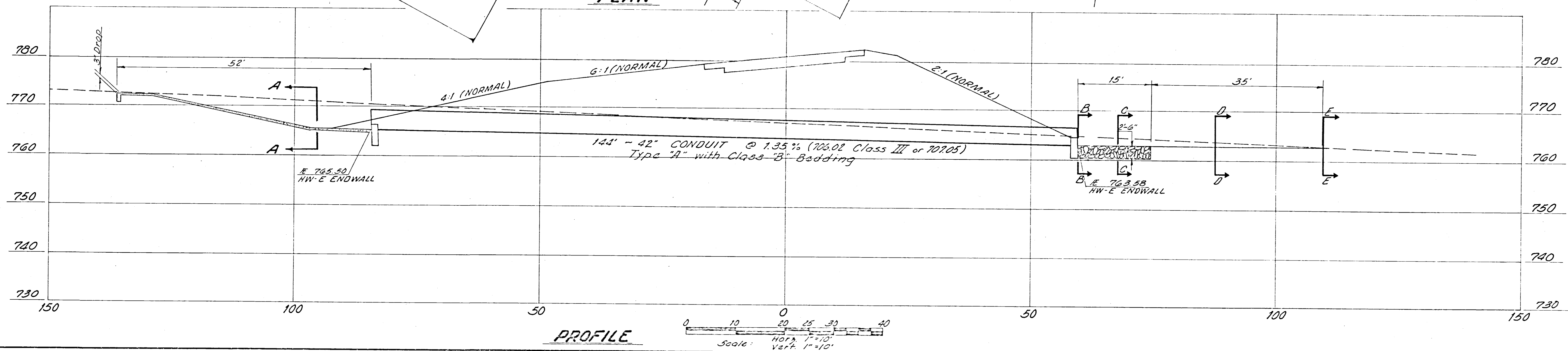
Riprap, Using 6" Reinf.
Conc. Slab

SECTION A-A

PLAN

STA 31+92
CONNECTOR ROAD

Drainage Area 63 Ac.
Q₂₅ = 91 cfs.



PROFILE

CULVERT DETAILS STA. 31+92 CONNECTOR RD.