

STRUCTURE No HOC-93 1784
 STA. 942+25
 REF. No I-D SHEET 20

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

86

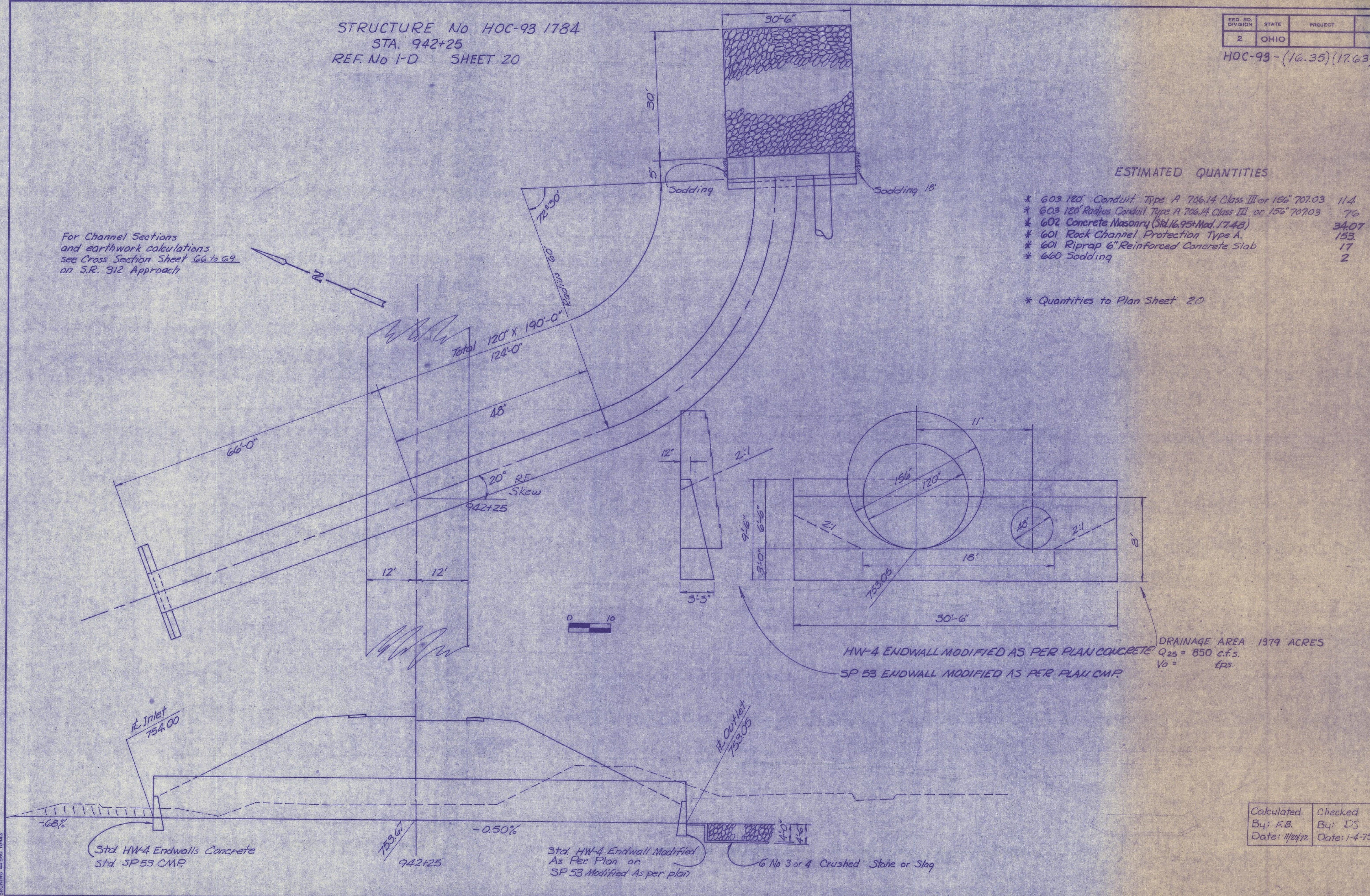
HOC-93-(16.35)(17.63)

ESTIMATED QUANTITIES

* 603 120" Conduit Type A 706.14 Class III or 156" 707.03	114	Lin. Ft.
* 603 120" Radius Conduit Type A 706.14 Class III or 156" 707.03	76	Lin. Ft.
* 602 Concrete Masonry (Std. 16.95+Mod. 17.48)	34.07	Cu. Yds.
* 601 Rock Channel Protection Type A.	153	Cu. Yds.
* 601 Riprap 6" Reinforced Concrete Slab	17	Sq. Yds.
* 660 Sodding	2	Sq. Yds.

* Quantities to Plan Sheet 20

For Channel Sections and earthwork calculations see Cross Section Sheet 66 to 69 on S.R. 312 Approach



DRAINAGE AREA 1379 ACRES
 $Q_{25} = 850$ c.f.s.
 $V_0 =$ fps.

HW-4 ENDWALL MODIFIED AS PER PLAN CONCRETE
 SP 53 ENDWALL MODIFIED AS PER PLAN CMP

Calculated	Checked
By: F.B.	By: DS
Date: 1/20/72	Date: 1-4-73

BRUNING 44-560 10943

STRUCTURE STA 942+25