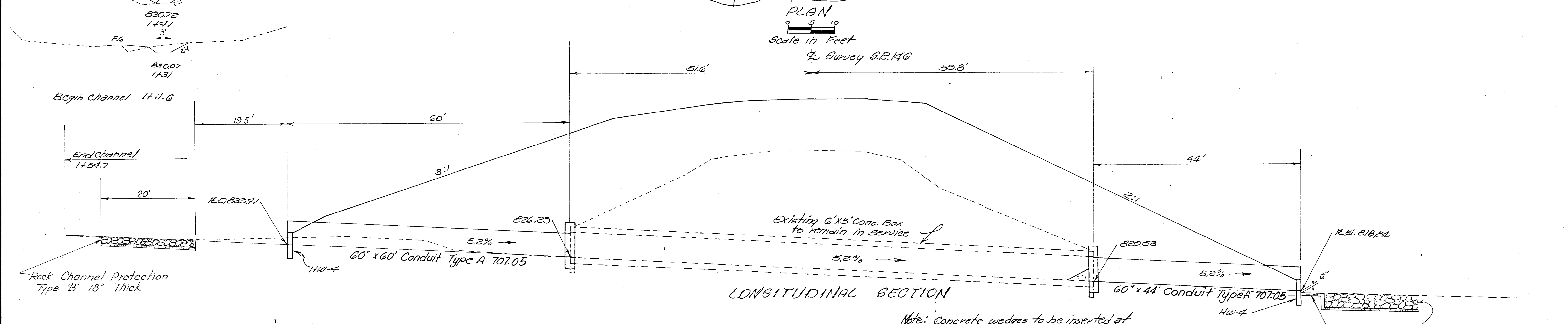
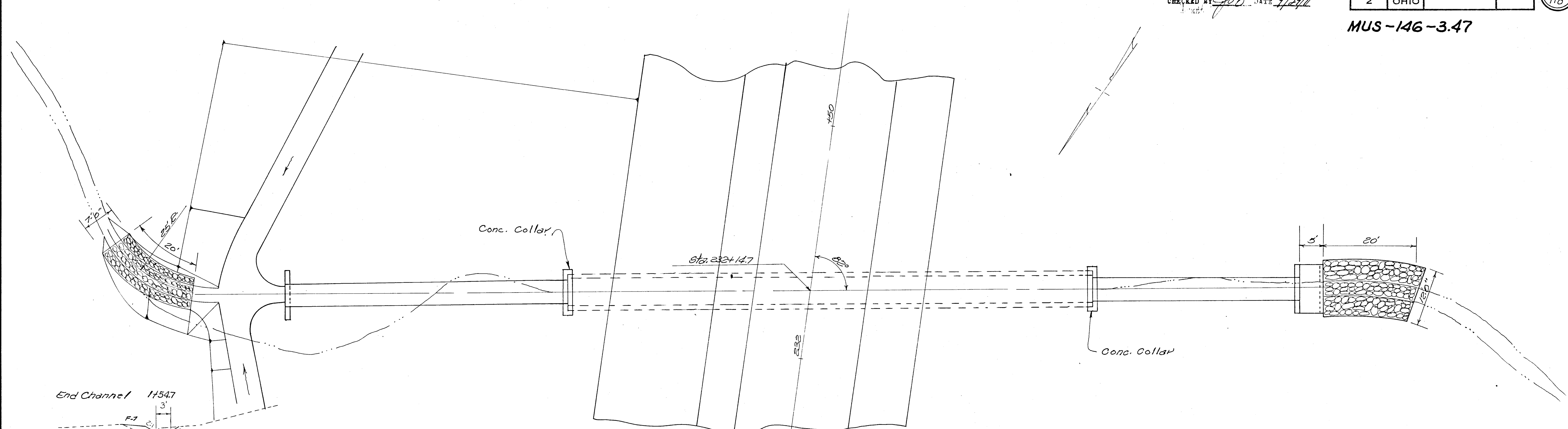


CALCULATED BY *QPS* DATE *9/21/71*
 CHECKED BY *QPS* DATE *9/29/71*

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

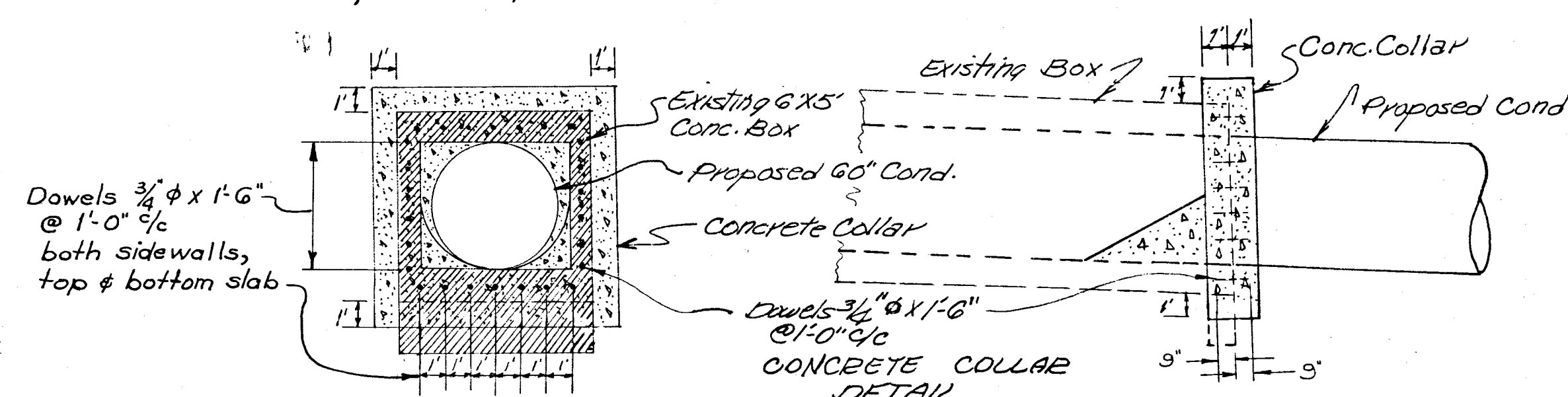
92
118

MUS-146-3.47



Note: Concrete Collar and dowels shall be included in price bid for Item 603

Note: Concrete wedges to be inserted at downstream connection only, to form a smooth transition from square box to circular pipe.



QUANTITIES			
ITEM	DESCRIPTION	QUANTITY	UNIT
603	60" Conduit Type A 707.05	104	Lin. Ft.
602	Concrete Masonry	3.56	Cu. Yd.
601	Rock Channel Protection Type 'A'	31	Cu. Yd.
601	Riprap using 6" Eriq. Conc. Slab	5.8	Sq. Yd.
510	Dowel Holes	26	Each
601	Rock Channel Protection Type 'B'	10	Cu. Yd.
203	Embankment	9	Cu. Yds.
203	Excavation	6	Cu. Yds.
Drainage Area = 57 AS		QPS 153 c.f.s.	
7	Sta 232+14.7	MUS-146-0440	