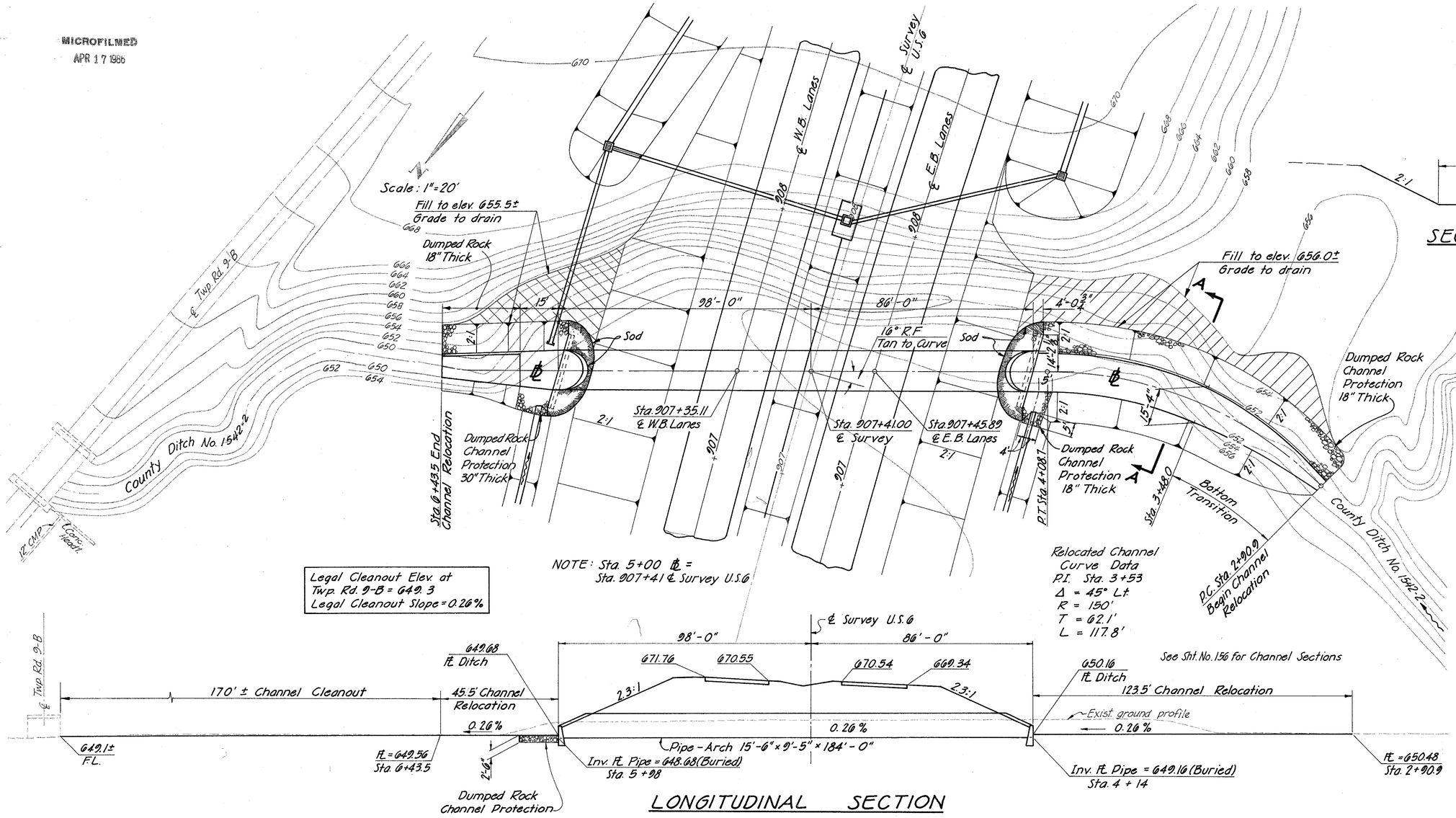
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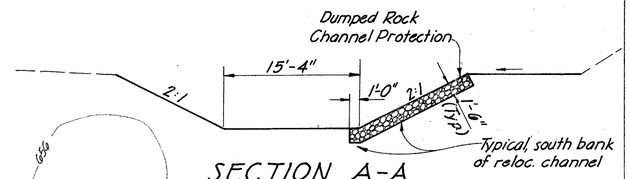
FED. ROAD DIVISION	STATE	PROJECT	
	OHIO		

148
731

HENRY COUNTY
HEN -6 -16.43

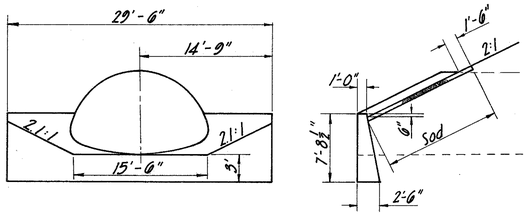


LONGITUDINAL SECTION



SECTION A-A

See Sht. No. 156 for Channel Sections



STANDARD SP-53 ENDWALL

ESTIMATED QUANTITIES

ITEM	QUANT.	UNIT	DESCRIPTION
603	184	L.F.	15'-6"x9'-5" Conduit type 'A' 707.03
			(1-1 gage) with Class B Bedding
602	22.5	C.Y.	Concrete Masonry
601	198	C.Y.	Dumped Rock Channel Protection
660	55	S.Y.	Sodding
203	460	C.Y.	Excavation not including
			embankment construction

PROPOSED STRUCTURE

TYPE: Sectional corrugated metal pipe arch 15'-6"x9'-5"x184'-0" (1-1 gage)
WATERWAY AREA: 109 sq. ft.

DRAINAGE AREA: 4696 Ac.
Q_{25} = 660 cfs.

EXISTING STRUCTURES

UPSTREAM STRUCTURE
LOCATION: On Twp Rd. P-3, 1.0mi.± west of Twp. Rd. 9-B.
TYPE: 8.5' span, Slab-top Culvert
WATERWAY AREA: 50 sq. ft.

DOWNSTREAM STRUCTURE
LOCATION: On Twp. Rd. 9-B, 0.3mi.± south of S.R. 110
TYPE: 20' span, Wood Deck on Steel Beam
WATERWAY AREA: 102 sq. ft.

T. C. BIEBESHEIMER ENGINEERING COMPANY
CIVIL ENGINEERS AND SURVEYORS TOLEDO, OHIO

STRUCTURE No. 15
Sta. 907+41 U.S.6

DESIGNED	TRACED	CHECKED	REVIEWED	DATE	REVISED
T.H. J.C.O.	J.C.O.				

STRUCTURE No. 15