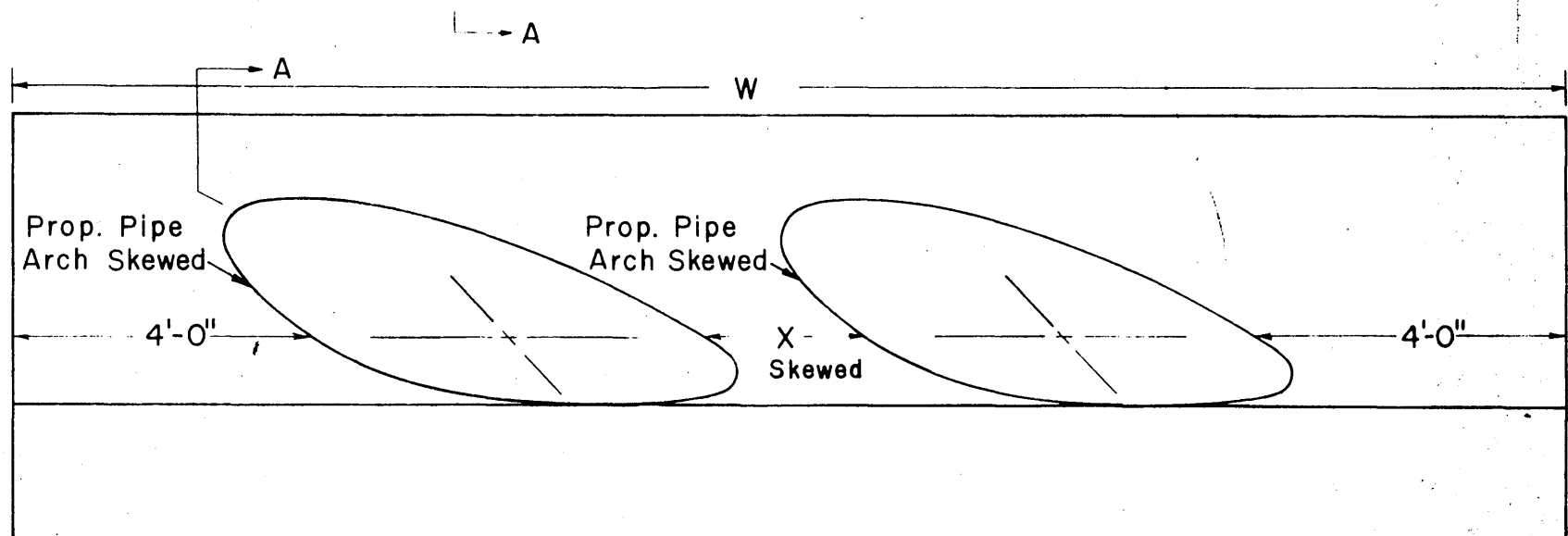
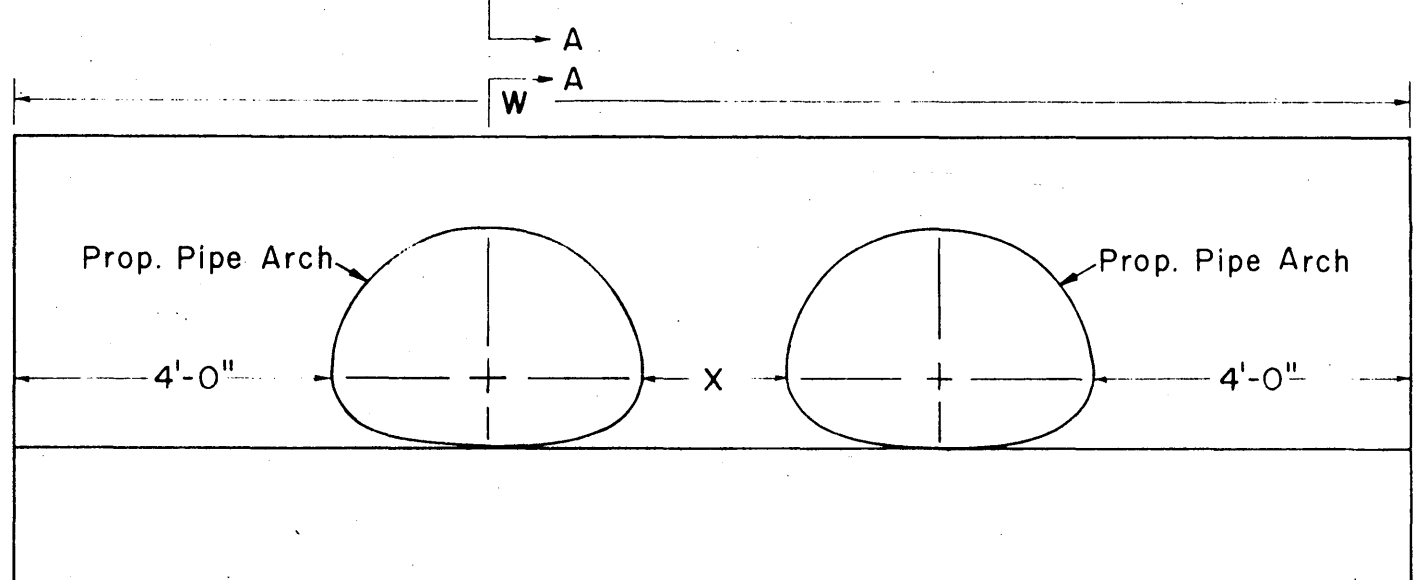
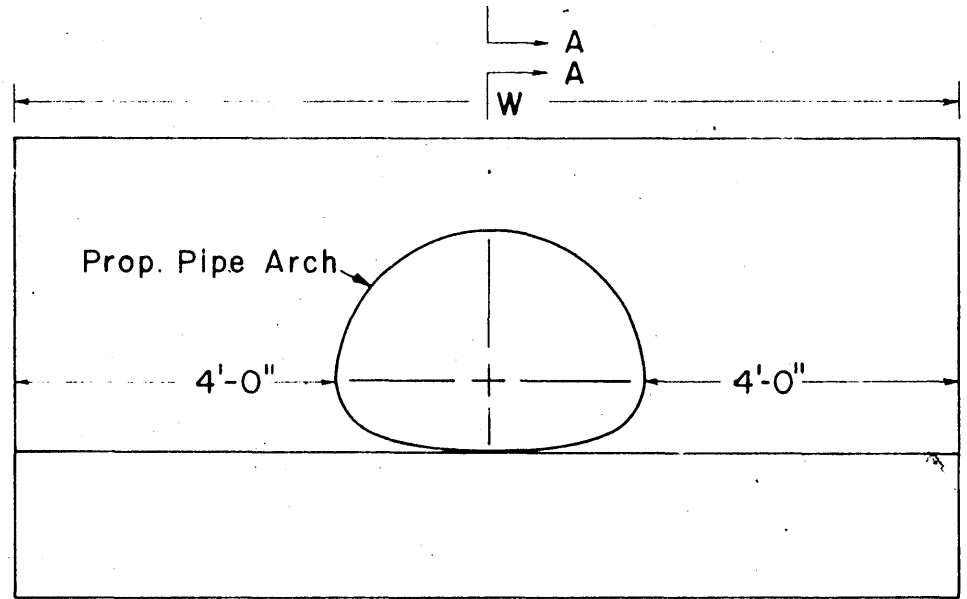
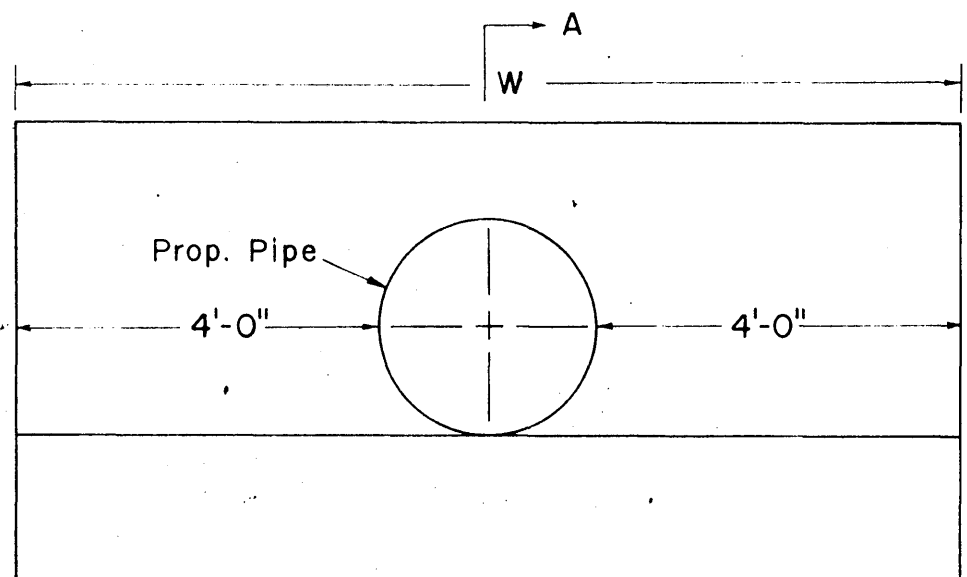
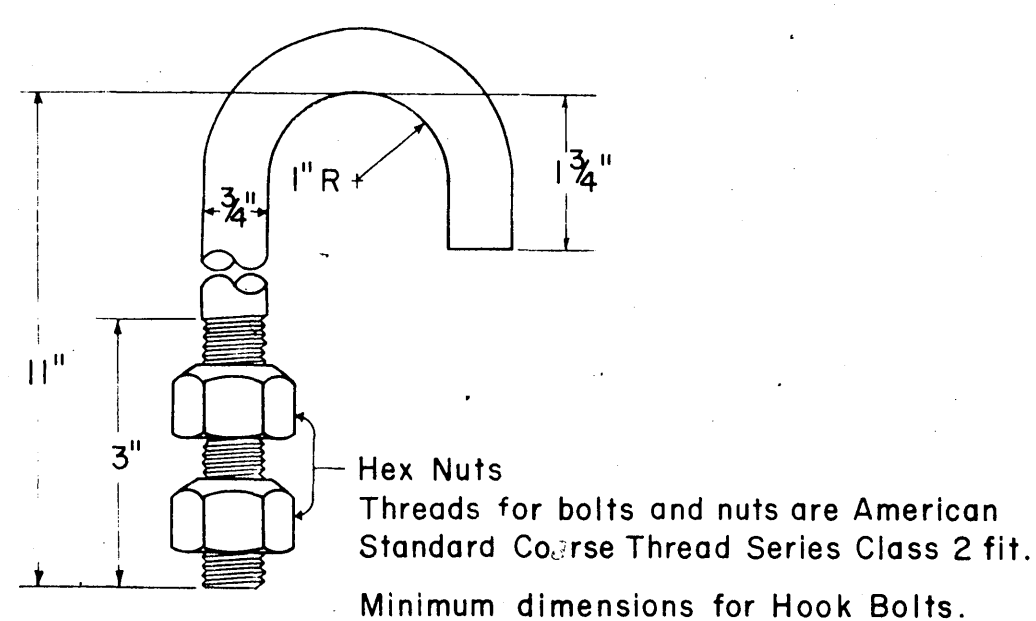
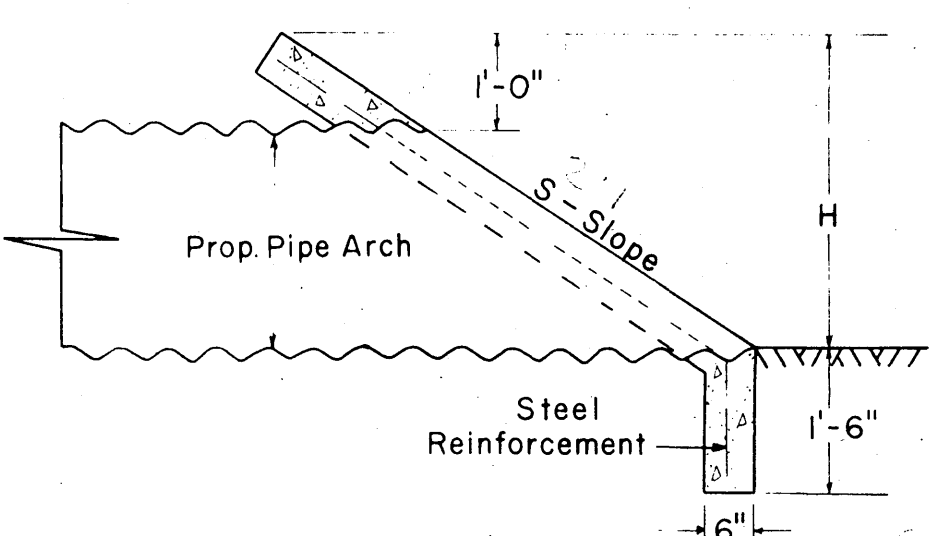
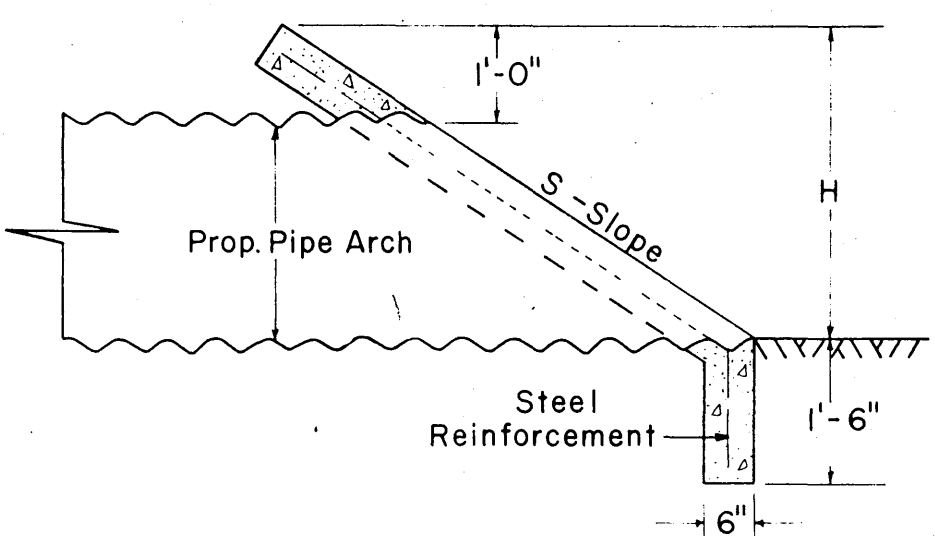
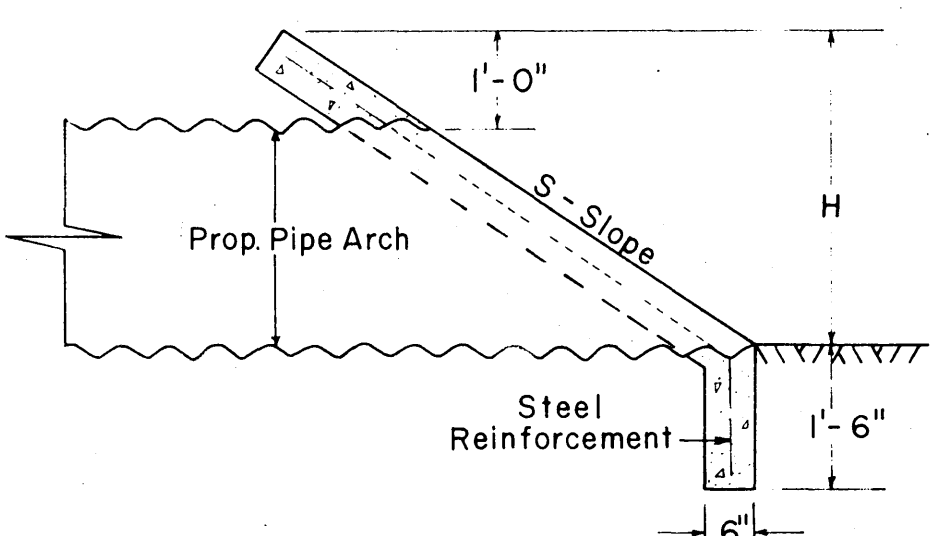
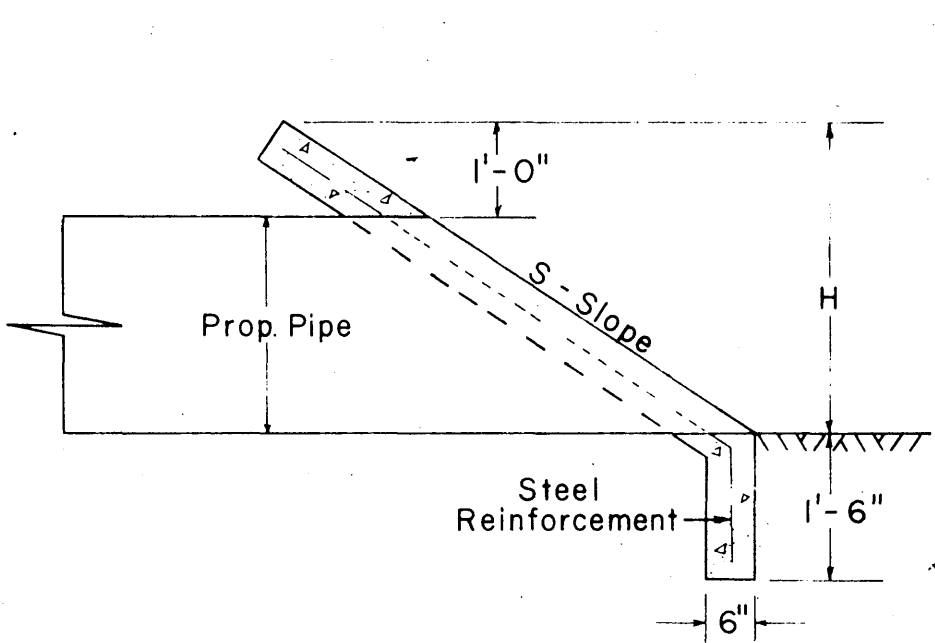


SPECIAL DESIGN CONCRETE SLAB END TREATMENT
(NOT TO SCALE)

SECTIONS A-A



NOTES:
All concrete to be class A3.
Hook bolts 18" C.C. will be required when structure is on a skew of more than 15°.
Four inch bituminized fiber pipe may be added on the outlet end as deemed necessary by the Project Engineer.
The reinforcement is to be placed in accordance with Sect. 418.11 of the Virginia Department of Highways Road and Bridge Specifications Dated July 1, 19

BASIS OF PAYMENT:
Basis of payment is to be each, complete in place, which shall include all steel, labor, concrete, and other items incidental to placing the material.

SIDE	STATION	APPROX SKEW	PIPE SIZE	W	H	S	X	APPROX. CU. YDS. CONC.	REMARKS
RT	11+50	90°	44" X 72"	14'	56"	1 1/2"			
LT	11+50	90°	44" X 72"	14'	56"	1 1/2"			

PIPE DIAMETER	Min. Dist. Between Pipes(X)
6" to 24"	12"
24" to 72"	1/2 Diameter (D) in inches
72" to 120"	36"
PIPE ARCH SIZE	Min. Dist. Between Pipe Arches(X)
18" X 11" to 25" X 16"	12"
25" X 16" to 72" X 44"	1/3 Span (S) in inches
Above 72" X 44"	30"

REVISED	FHWA REGION	STATE	FEDERAL AID PROJECT	ROUTE	STATE PROJECT	SHEET NO.
	3	VA.				

VIRGINIA DEPARTMENT OF HIGHWAYS & TRANSPORTATION STANDARDS
FOR
SLEEPY HOLLOW
VINTON MAGISTERIAL, DISTRICT
ROANOKE COUNTY, VIRGINIA
OWNER
J&J DEVELOPMENT CORPORATION
SCALE: NONE
DATE: 4-JUNE, 1975
BUFORD T. LUMSDEN & ASSOCIATES PC.
CERTIFIED LAND SURVEYORS
ROANOKE, VIRGINIA