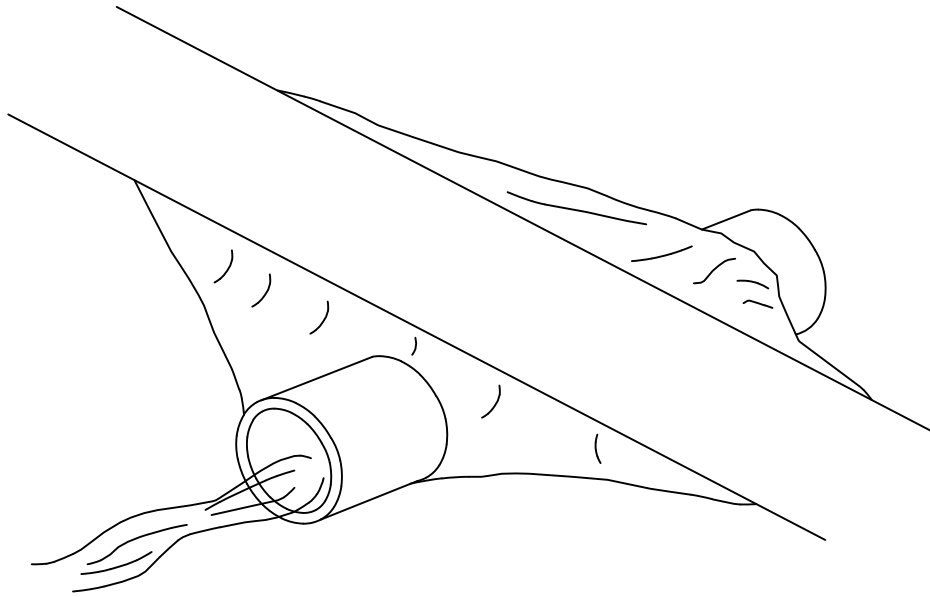


A TEMPORARY STRUCTURE TO PREVENT CONSTRUCTION EQUIPMENT FROM DAMAGING A FLOWING STREAM BY CROSSING



- STREAMS WITH DRAINAGE AREAS ≤ 1 MILE²
- PIPE SHOULD BE LARGE ENOUGH TO CARRY FULL BANKFLOW
- STRUCTURE SHOULD BE PROTECTED FROM OVERFLOW WITH USE OF DIVERSIONS OR CROSSING
- DESIRABLE TO DESIGN FOR 10 YEAR STORM

DRAINAGE AREA ACRES				PIPE DIAMETER INCHES	
MOUNTAINOUS	HILLY LAND	ROLLING LAND	FLAT LAND	STANDARD ROUND	PIPE ARCH
					SPAN RISE
1.4	0-2.25	0-4.2	0-9.3	12	18 11
1.4-2.6	2.25-4.2	4.2-7.5	9.3-16.5	15	22 13
2.6-4.1	4.2-6.7	7.5-12	16.5-27	18	25 16
4.1-6.2	6.7-10	12-18	27-40	21	29 18
6.2-8.8	10-14	18-25	40-57	24	36 22
8.8-16	14-26	25-46	57-104	30	43 27
16-26	26-41	46-75	104-165	36	50 31
26-39	41-62	75-112	165-250	42	58 36
39-56	62-88	112-160	250-350	48	65 40
56-76	88-120	160-220	350-480	54	72 44
76-100	120-160	220-290	480-640	60	79 49
100-127	160-205	290-370	-	72	85 54
127-160	205-260	370-430	-	75	- -
160-180	260-290	430-520	-	78	- -
180-240	290-400	520-640	-	84	- -



CITY OF CORDELE, GEORGIA - STANDARD DETAIL

(Sr) STREAM CROSSING

DETAIL NO:

E-046

DATE: