



**WOOD GUARD RAIL REQUIRED**

STATION	LEFT	RIGHT
142+79	24'	
143+85	24'	
149+10	24'	24'
150+84	24'	24'

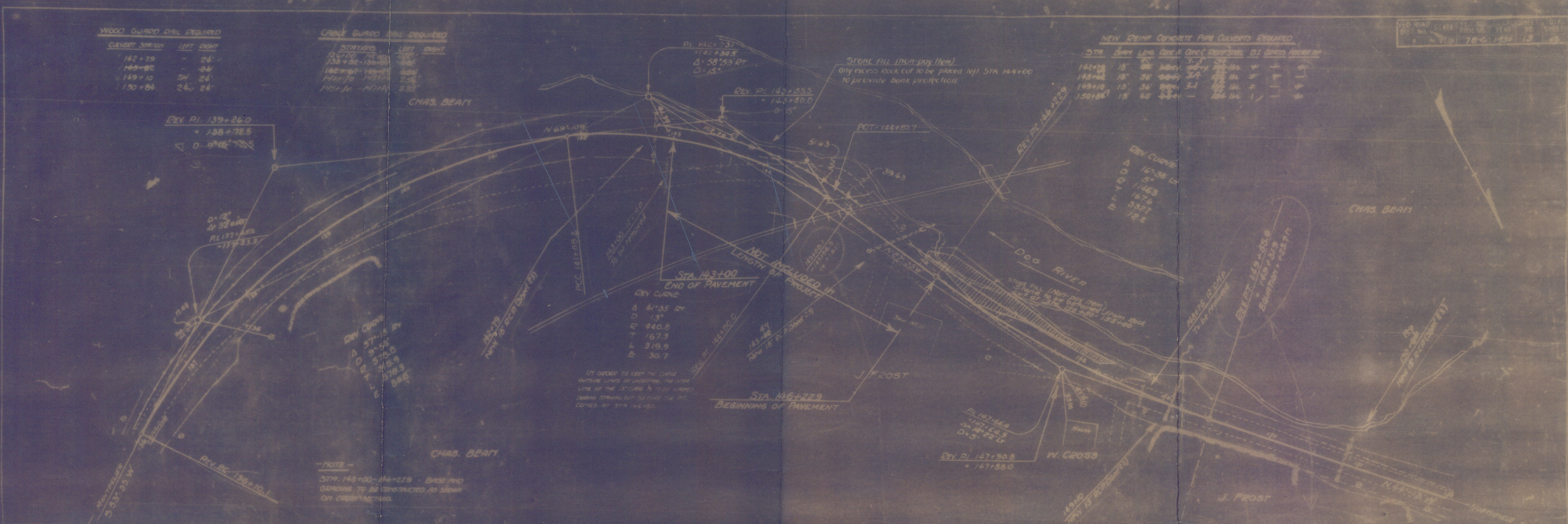
**CRANE GUARD RAIL REQUIRED**

STATION	LEFT	RIGHT
136+00 - 140+00	24'	
140+00 - 145+00	24'	
145+00 - 150+00	24'	24'
150+00 - 155+00	24'	24'

**NEW 24" CONCRETE PIPE CONCRETE REQUIRED**

STA.	SIZE	LENG.	CONC.	CONC. EQUIV.	DLT	GRAVEL	PROTECT.
142+78	18"	50'	3.5	3.5			
143+84	18"	30'	2.1	2.1			
149+10	15"	30'	2.1	2.1			
150+84	15"	60'	4.2	4.2			

PLAN  
 SCALE  
 1" = 40'



**NOT INCLUDED IN LENGTH OF PROJECT**  
 STA 143+00  
 END OF PAVEMENT  
 KEY CURVE  
 Δ 4°15' 00"  
 D 13"  
 E 140.8  
 T 167.9  
 L 319.9  
 B 30.7

IN ORDER TO KEEP THE CURVE  
 OUTSIDE LINES OF CURVES, THE  
 LINE OF THE CURVE IS TO BE  
 DRAWN STRAIGHT OUT TO THE  
 CENTER OF STA 144+00.

NOTE  
 STA 143+00 - 146+229 - BRIDGE  
 SPAN TO BE CONSTRUCTED AS SHOWN  
 ON CROSS-SECTION.

