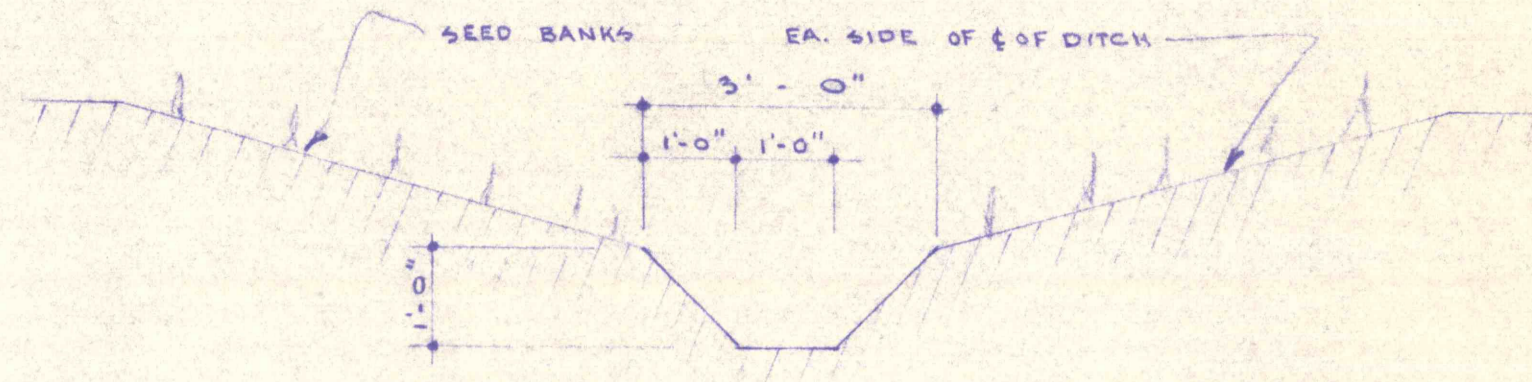


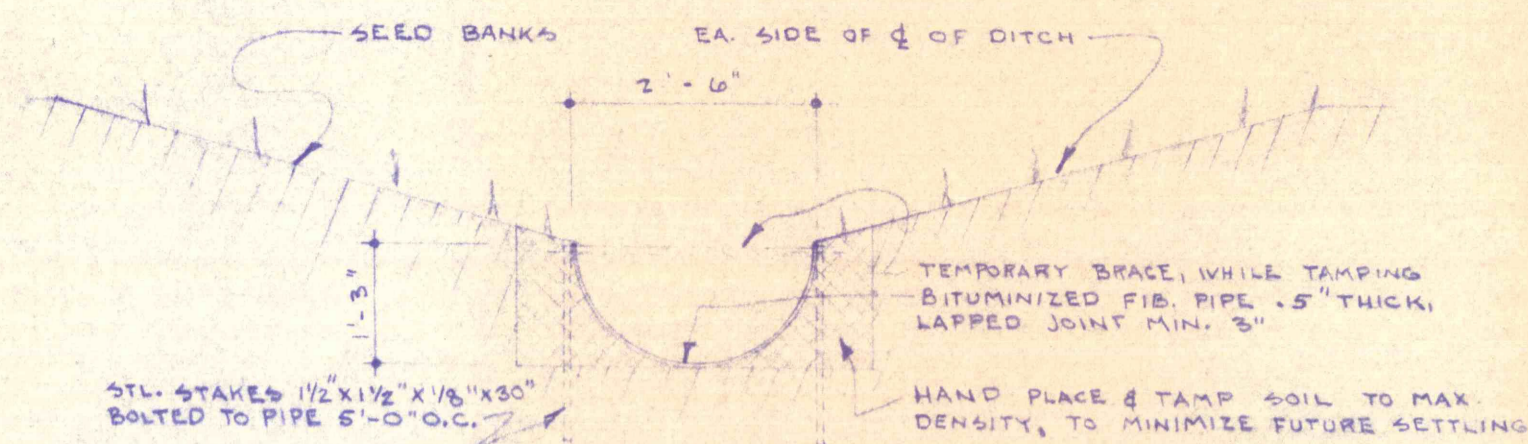
TYPICAL DIVERSION DITCH SECTION (STEEP SLOPE) - ①

SCALE - 1/2" = 1' - 0"  
 FROM STA. 15+82.18 TO STA. 17+28.40  
 FROM STA. 9+76.82 TO STA. 12+95.0  
 FROM STA. 5+42.09 TO STA. 7+55.71 DITCH "G"  
 FROM STA. 5+42.31 TO STA. 7+37.52 DITCH "G"



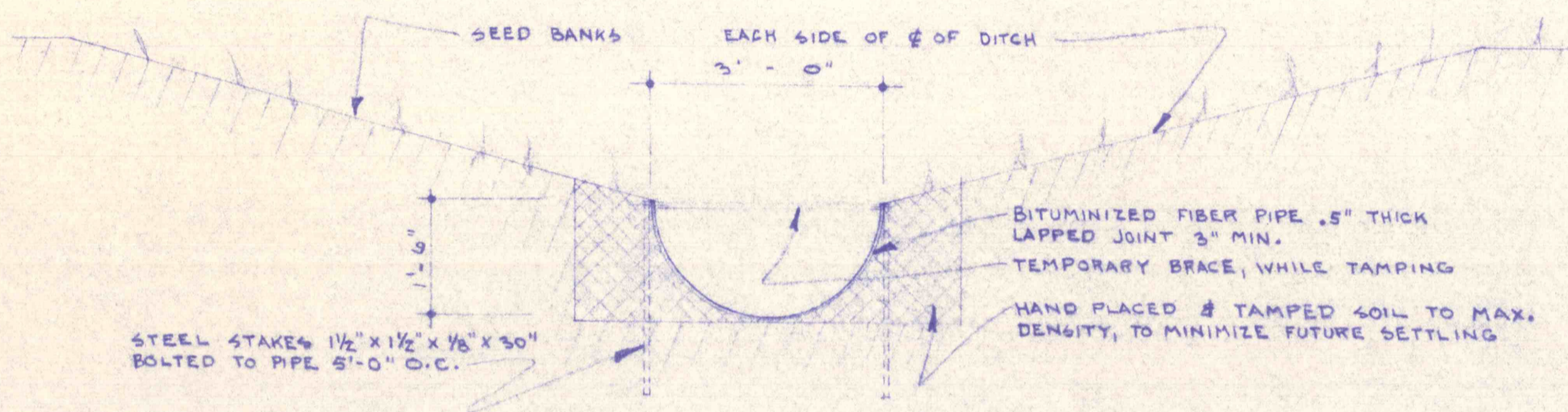
TYPICAL DIVERSION DITCH SECTION - ②

SCALE - 1/2" = 1' - 0"  
 FROM STA. 12+55.17 TO STA. 17+28.40  
 FROM STA. 13+19.64 TO STA. 15+82.18  
 FROM STA. 15+49.83 TO STA. 4+00.0 DITCH "E"



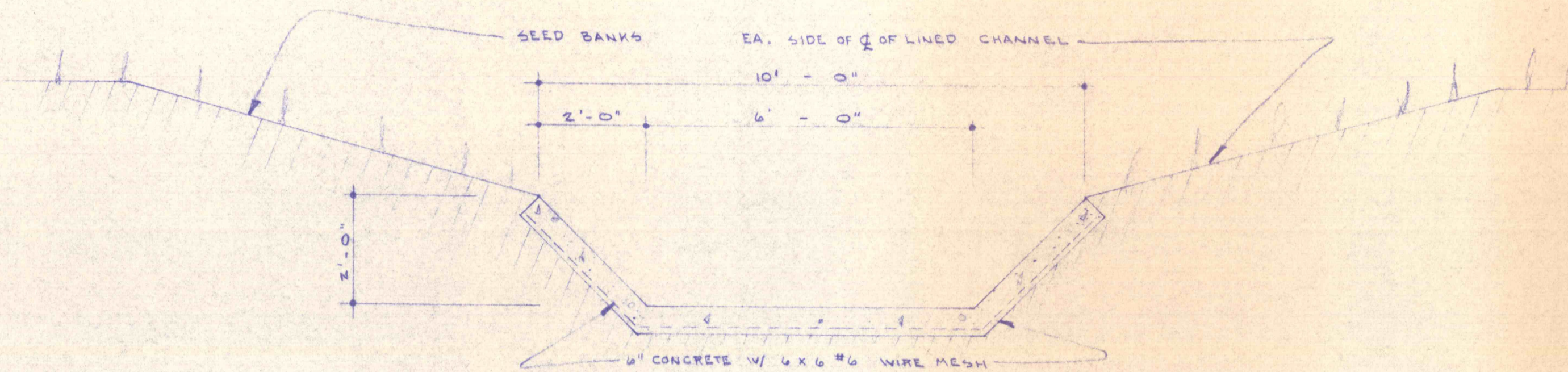
TYPICAL SECTION OF 30 BITUMINIZED PIPE - ③

SCALE - 1/2" = 1' - 0"  
 FROM STA. 12+95.0 TO STA. 20+48.04  
 FROM STA. 17+28.4 TO STA. 20+48.16  
 FROM STA. 4+95 DITCH "E" TO STA. 34 RT. 62+55.0 DITCH "A"  
 FROM STA. 5+49.09 DITCH "F" TO STA. 74+90.27 DITCH "A"  
 FROM STA. 5+42.09 DITCH "G" TO STA. 83+48.09 DITCH "A"



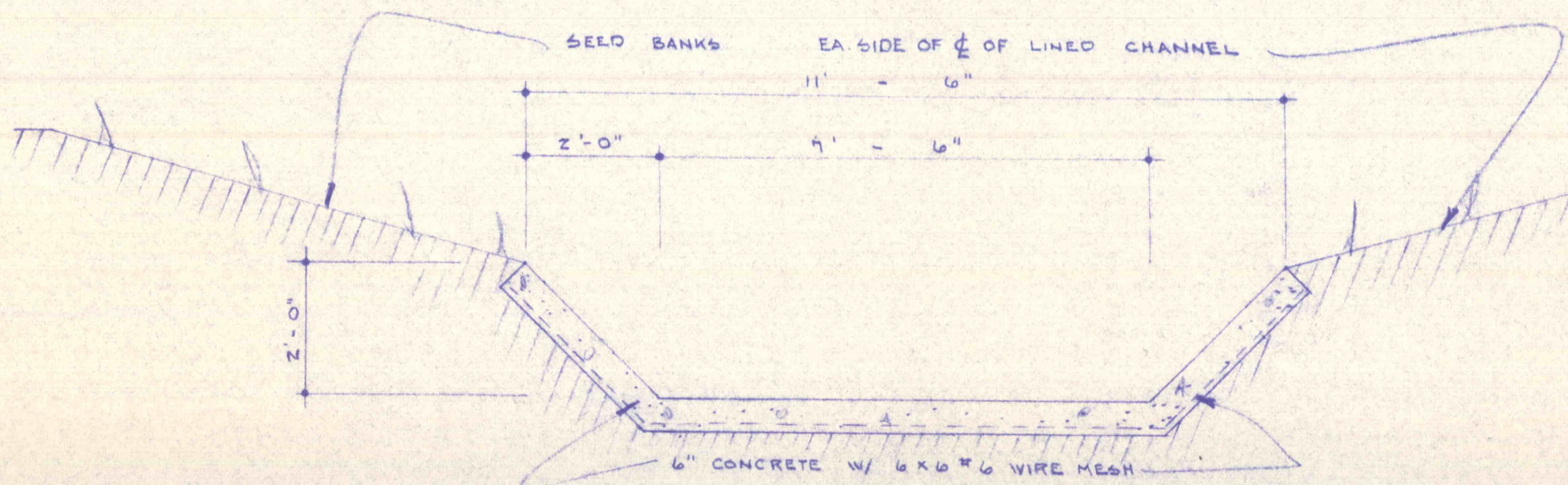
TYPICAL SECTION OF 36 BITUMINIZED PIPE - ④

SCALE - 1/2" = 1' - 0"  
 FROM STA. 20+48.16 TO STA. 34+48.83



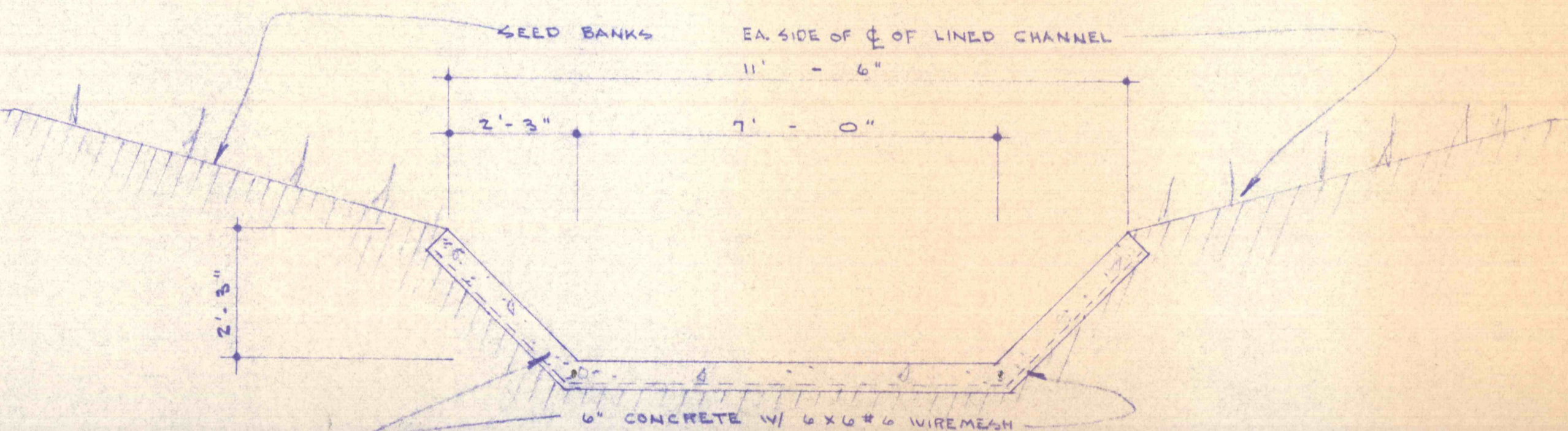
TYPICAL LINED CHANNEL CROSS - SECTION - ⑤

SCALE - 1/2" = 1' - 0"  
 FROM STA. 38+58.34 TO STA. 50+00.0



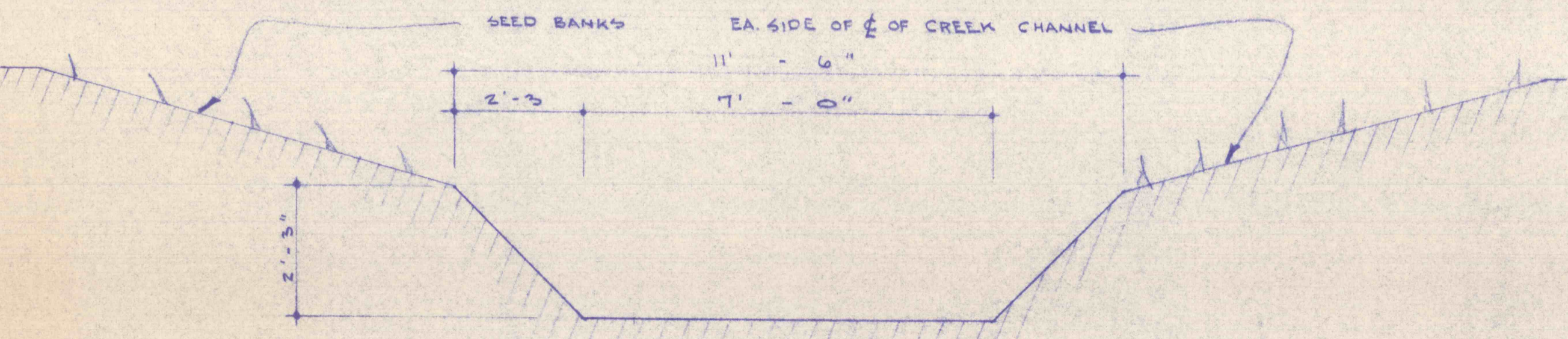
TYPICAL LINED CHANNEL CROSS - SECTION - ⑥

SCALE - 1/2" = 1' - 0"  
 FROM STA. 50+00.0 TO STA. 60+76.0



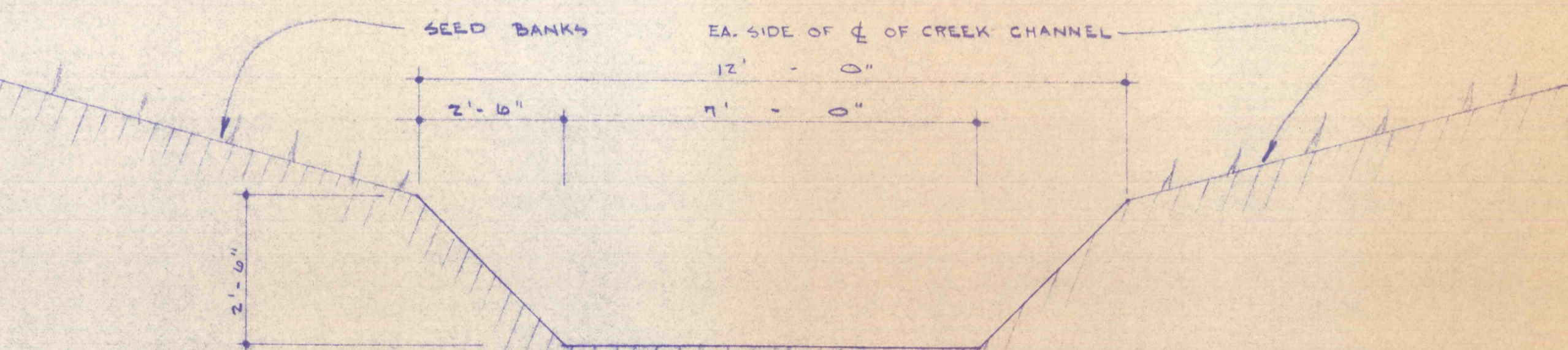
TYPICAL LINED CHANNEL CROSS - SECTION - ⑦

SCALE - 1/2" = 1' - 0"  
 FROM STA. 60+76.00 TO STA. 63+45.0



TYPICAL CREEK CHANNEL CROSS - SECTION - ⑧

SCALE - 1/2" = 1' - 0"  
 FROM STA. 63+45.0 TO STA. 74+90.27



TYPICAL CREEK CHANNEL CROSS - SECTION - ⑨

SCALE - 1/2" = 1' - 0"  
 FROM STA. 74+90.27 TO STA. 96+78.54

NO.	DATE	REVISION	APPR.

SUBMITTED	
PROFESSIONAL	
APPROVED	
CHIEF - DIVISION OF MINE DRAINAGE REHABILITATION	
APPROVED	
DIRECTOR - BUREAU OF CONSULTING SERVICES	

COMMONWEALTH OF PENNSYLVANIA  
 DEPARTMENT OF ENVIRONMENTAL RESOURCES  
 OFFICE OF ENGINEERING AND CONSTRUCTION  
 PROJECT NO. SL 113-2  
 MINE DRAINAGE POLLUTION ABATEMENT  
 QUICK STARTS A and B  
 SHAMOKIN CREEK WATERSHED

JOHN S. LUCKENS ASSOC.  
 P.O. Box 190 Shamokin, Penna.

SECTIONS

DRAWN BY	DATE	DRAWING NO.
CHECKED BY	SCALE	12 of 13
	As Shown	