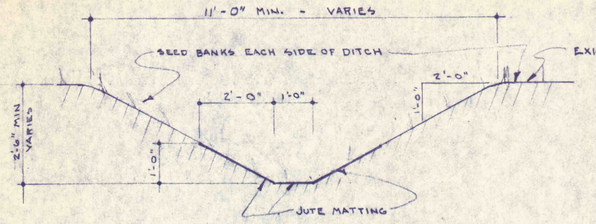
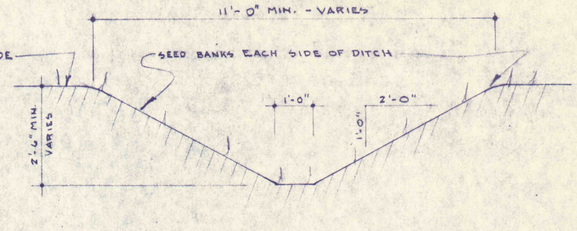


Typical Diversion Ditch Section (Steep Slope) - ①

SCALE - 1/2" = 1' - 0"

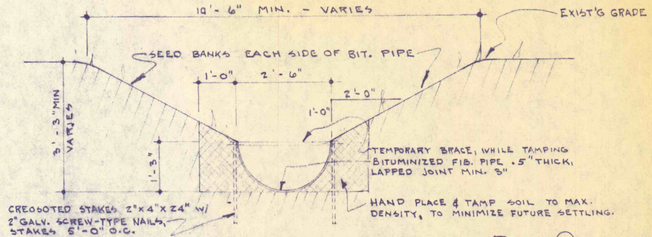
FROM STA. 9+76.82 DITCH "B" TO STA. 12+95.0 DITCH "B"
FROM STA. 15+82.18 DITCH "C" TO STA. 17+28.4 DITCH "A"
FROM STA. 5+42.09 DITCH "H" TO STA. 7+55.71 DITCH "H"
FROM STA. 5+42.31 DITCH "H" TO STA. 7+37.52 DITCH "H"



Typical Diversion Ditch Section - ②

SCALE - 1/2" = 1'-0"

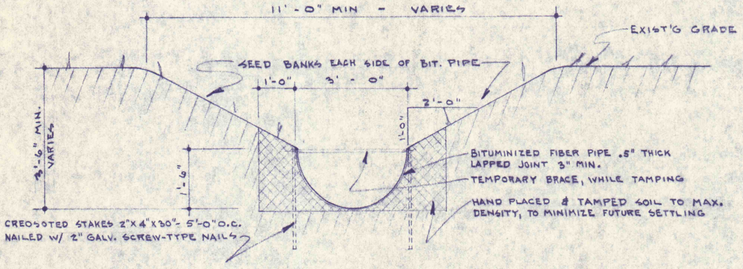
FROM STA. 12+55.71 DITCH "A" TO STA. 18+00.0 DITCH "A"
FROM STA. 14+89.64 DITCH "C" TO STA. 15+82.18 DITCH "C"
FROM STA. 1+20.56 DITCH "F" TO STA. 1+63.06 DITCH "F"
FROM STA. 1+20.56 DITCH "F" TO STA. 1+48.56 DITCH "F"



Typical Section of 30" Bituminized Pipe - ③

SCALE - 1/2" = 1' - 0"

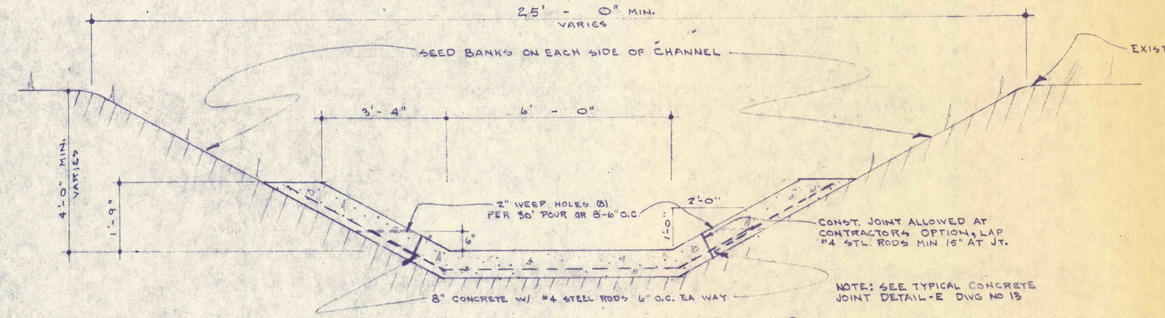
FROM STA. 18+00.0 DITCH "A" TO STA. 20+23.16 DITCH "A"
FROM STA. 12+95.0 DITCH "B" TO STA. 20+18.0 DITCH "B"
FROM STA. 1+25.11 DITCH "E" TO DITCH "A" = 170'
FROM STA. 1+20.56 DITCH "F" TO DITCH "A" = 167'



Typical Section of 36" Bituminized Pipe - ④

SCALE - 1/2" = 1' - 0"

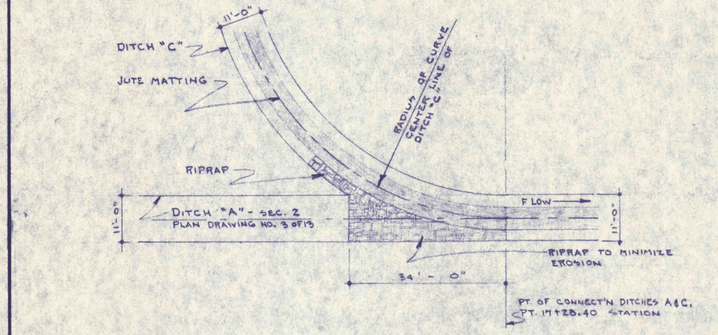
FROM STA. 20+44.16 DITCH "A" TO STA. 34+13.85 DITCH "A"
FROM STA. 1+03.62 DITCH "G" TO STA. 5+39.09 DITCH "G"



Typical Lined Channel Cross - Section - ⑤

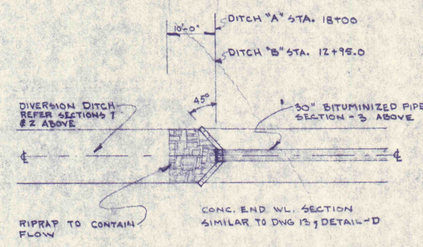
SCALE - 1/2" = 1' - 0"

FROM STA. 38+58.34 TO STA. 63+45.0 DITCH "A"



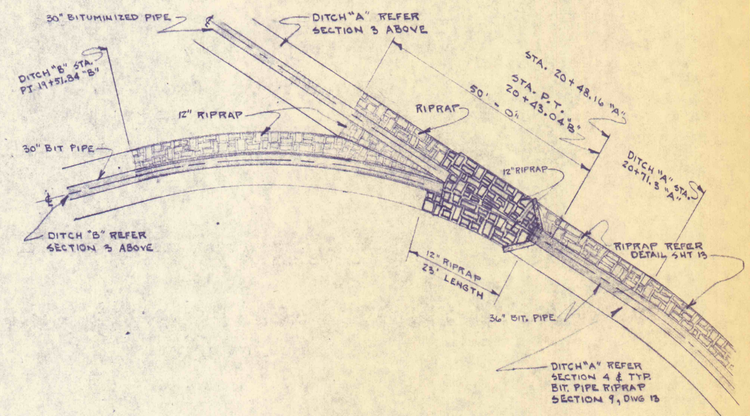
Detail of Connection Ditch "A" & "C" - Ⓐ

SCALE - 1/16" = 1' - 0"



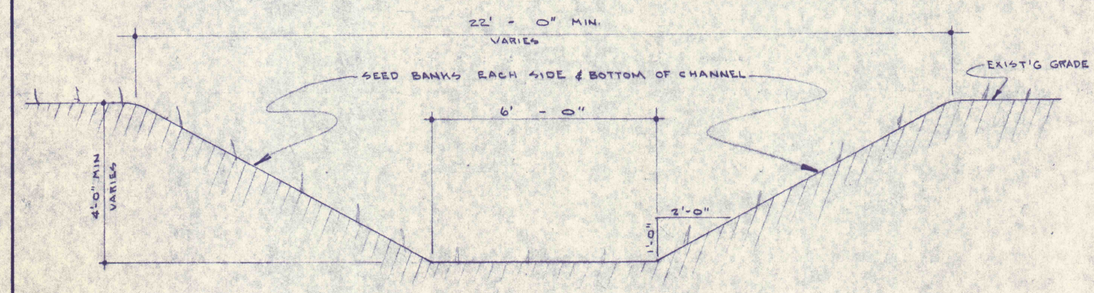
Detail of Diversion Ditch & Bit. Pipe - Ⓑ

SCALE - 1/16" = 1' - 0"



Detail of Connection at Ditch A & B - Ⓒ

SCALE - 1/16" = 1' - 0"



Typical Creek Channel Cross - Section - ⑥

SCALE - 1/2" = 1' - 0"

FROM STA. 32+19.66 DITCH "D" TO STA. 38+58.34 DITCH "A"
FROM STA. 63+45.0 DITCH "A" TO STA. 96+78.54 DITCH "A"

NO.	DATE	REVISION	APPR.

SUBMITTED
PROFESSIONAL

APPROVED
CHIEF - DIVISION OF MINE DRAINAGE REHABILITATION

APPROVED
DIRECTOR - BUREAU OF CONSULTING SERVICES

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
JOHN F. LAUKAITIS, JR.
ENGINEER
No. 5741-E
PENNSYLVANIA

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.

SECTONS & DETAILS

DRAWN BY	DATE	DRAWING NO.
	May 7, 1973	12 of 14
CHECKED BY	SCALE	
	As Shown	