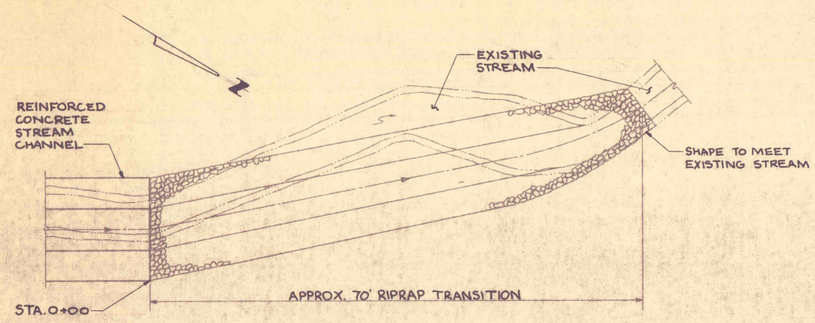
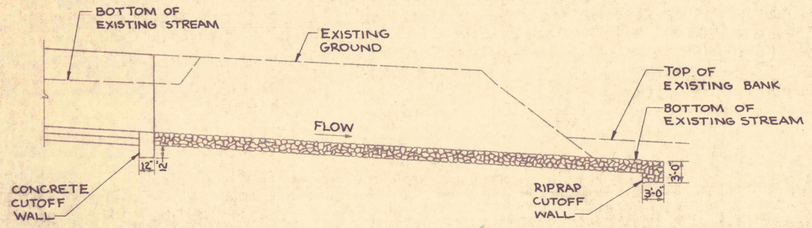
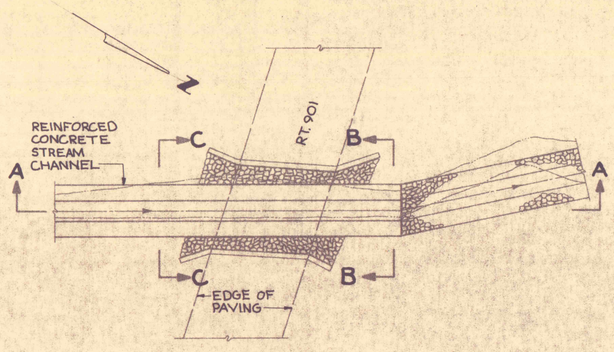


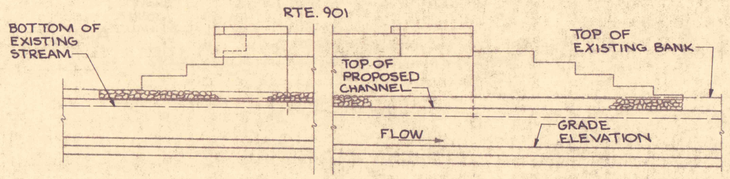
PLAN
NO SCALE



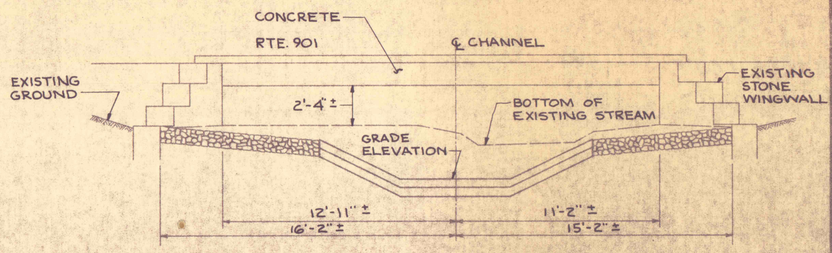
SECTIONAL ELEVATION
NO SCALE



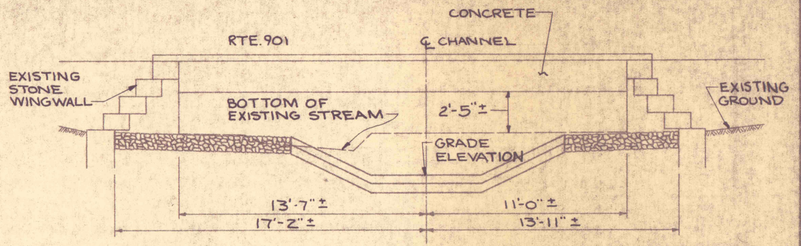
PLAN
SCALE: 1"=20'



SECTION A-A
SCALE: 1/4"=1'-0"

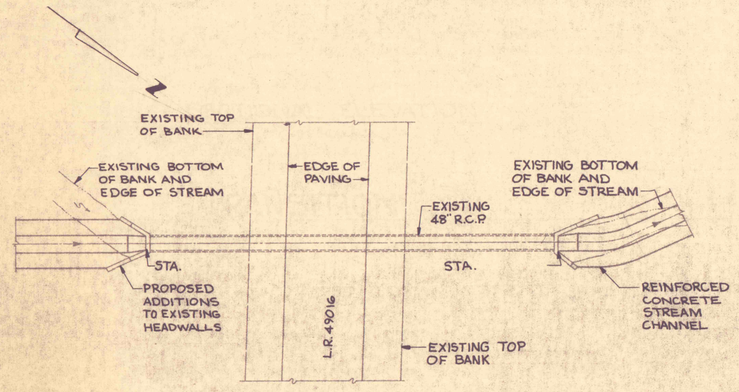


SECTION B-B
SCALE: 1/4"=1'-0"



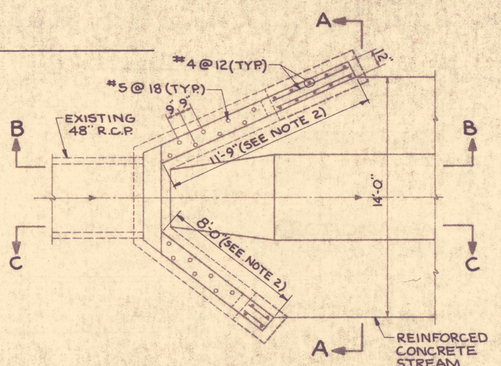
SECTION C-C
SCALE: 1/4"=1'-0"

TRANSITION (A)

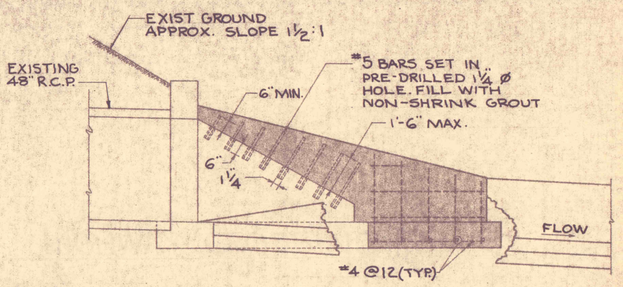


PLAN
SCALE: 1"=20'

HIGHWAY CROSSING (B)

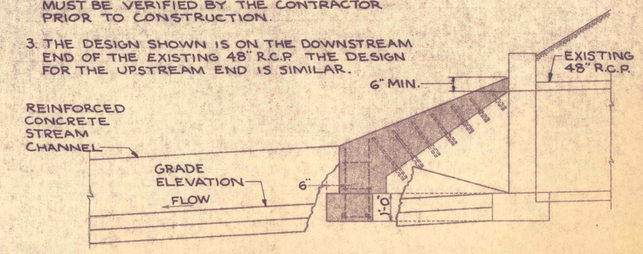


PLAN
SCALE: 1/4"=1'-0"

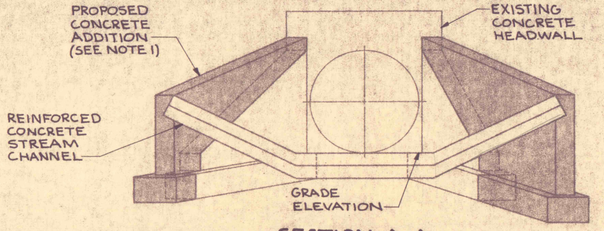


SECTION B-B
SCALE 3/8"=1'-0"

NOTES:
1. ADDITIONS TO EXISTING HEADWALLS ARE REQUIRED TO MAINTAIN FLOW THROUGH THE PROPOSED REINFORCED CONCRETE STREAM CHANNEL.
2. DIMENSIONS ARE APPROXIMATE AND MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
3. THE DESIGN SHOWN IS ON THE DOWNSTREAM END OF THE EXISTING 48" R.C.P. THE DESIGN FOR THE UPSTREAM END IS SIMILAR.



SECTION C-C
SCALE: 3/8"=1'-0"



SECTION A-A
SCALE: 3/8"=1'-0"

ADDITIONS TO EXISTING WINGWALLS (C)

NO.	DATE	REVISION	APPR.

SUBMITTED
PROFESSIONAL
APPROVED
CHIEF - DIVISION OF MINE RECLAMATION
APPROVED
DIRECTOR - BUREAU OF DESIGN

REGISTERED PROFESSIONAL ENGINEER
DATE

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
OFFICE OF RESOURCES MANAGEMENT

CONTRACT NO SL 113-4-1

MINE DRAINAGE POLLUTION ABATEMENT
LOCUST CREEK
SHAMOKIN CREEK WATERSHED
NORTHUMBERLAND COUNTY
PENNSYLVANIA

GANNETT FLEMING CORDDRY & CARPENTER, INC.
Consulting Engineers
P.O. BOX 1963 HARRISBURG, PA.

MISCELLANEOUS DETAILS

DRAWN BY	DATE	DRAWING NO.
R.C.L.	-	18 of 21
CHECKED BY W.J.S.	SCALE AS SHOWN	

18 of 21