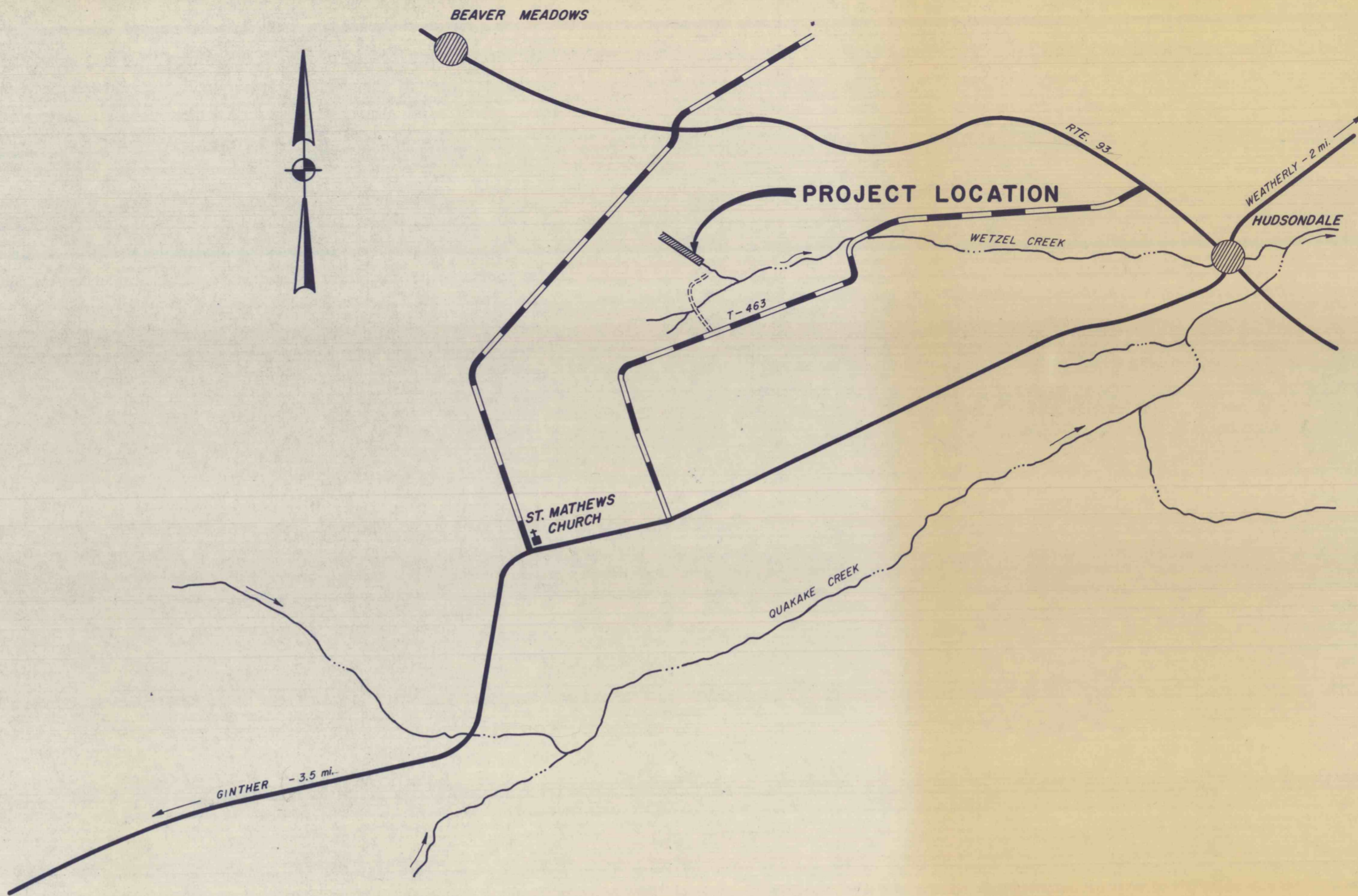
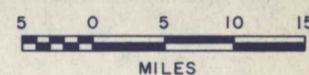
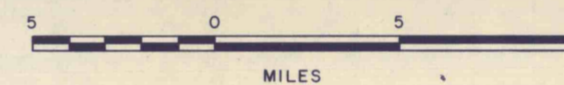


LOCATION MAP



SITE MAP



ABBREVIATIONS

T.R.	TRAFFIC ROUTE	E.A.	EACH
L.R.	LEGISLATIVE ROUTE	E.F.	EACH FACE
T	TOWNSHIP ROAD	E.R.	EDGE OF ROAD
M.L.	MATCH LINE	E.S.	EACH SIDE
C	CENTERLINE	E.W.	EACH WAY
B	BASE LINE	ELB.	ELBOW
P.L.	PROPERTY LINE OR STEEL PLATE	EL., ELEV.	ELEVATION
P.I.	POINT OF INTERSECTION	EQ. SPA.	EQUAL SPACES
I	DEFLECTION ANGLE	EXP.	EXPANSION
D	DEGREE OF CURVE	EXT.	EXTERIOR
T	TANGENT	FTG.	FOOTING
L	LENGTH	FIN.	FINISH
R	RADIUS	GA.	GAUGE
E	EXTERNAL	G-	FINISH GRADE
P.C.	POINT OF CURVE	GRND.	GROUND
P.T.	POINT OF TANGENT	G.M.P.	GALVANIZED METAL PIPE
G-000.00	PROFILE GRADE	H.VY.	HEAVY
P.V.I.	POINT OF VERTICAL INTERSECTION	H., HORIZ.	HORIZONTAL
P.V.C.	POINT OF VERTICAL CURVE	INCL.	INCLUDING
P.V.T.	POINT OF VERTICAL TANGENT	INT.	INTERIOR
B.C.C.G.M.P.	BITUMINOUS COATED CORRUGATED G.M.P.	INV.	INVERT
B, BOT.	BOTTOM	JT.	JOINT
B. FTG.	BOTTOM OF FOOTING	LT.	LEFT
B. M.	BENCH MARK	L.F.	LINEAR FEET
C/C-C.C.	CENTER TO CENTER	MACH.	MACHINE
C.I.P.	CAST IRON PIPE	MAX.	MAXIMUM
C.H.D.	CARRIAGE HEAD BOLT	MIN.	MINIMUM
CLR.	CLEAR	NOM.	NOMINAL
C.M.P.	CORRUGATED METAL PIPE	NO.	NUMBER
CONC.	CONCRETE	O.C.	ON CENTER
C.M.U.	CONCRETE MASONRY UNIT	OP'G	OPENING
CONSTR.	CONSTRUCTION	P.O.T.	POINT ON TANGENT
COR.	CORNER	PVC	POLYVINYL CHLORIDE
CONTR.	CONTRACTION	P.R.C.	POINT OF REVERSE CURVE
Ø, DIA.	DIAMETER	QTR.	QUARTER
D	DIVISION	RED'R.	REDUCER
DIM.	DIMENSION	RT.	RIGHT
D.I.P.	DUCTILE IRON PIPE	REQ'D	REQUIRED
DWLS.	DOWELS	RND.	ROUND
D	DIVISION	R.R.	RAILROAD
DWG.	DRAWING	SECT.	SECTION

SYMBOLS

	RIP RAP - EXISTING
	RIP RAP - TO BE PLACED UNDER THIS CONTRACT
	CHAIN LINK FENCE
	STREET
	STANDARD STEEL STATION
	SLOPE
	TOP
	TRANSITION
	TYPICAL
	UPFLOW-DOWNFLOW UNIT
	VERTICAL
	WEIR
	WITH SPECIFICATIONS DOCUMENTS
	TRAVERSE POINT
	BITUMINOUS WEIR
	STAINLESS STEEL
	PLYWOOD

NOTES

- 1) POWER SOURCE FOR THE PUMP SHALL BE PROVIDED BY OTHERS. THE CONTRACTOR SHALL PROVIDE ACCESS TO THE GENERATOR SITE TO FACILITATE ITS INSTALLATION.
- 2) ANY FEATURE OF THE WORK NOT FULLY SHOWN SHALL BE DONE BY THE BEST PREVAILING PRACTICE FOR THAT TYPE OF WORK AS DETERMINED BY THE ENGINEER.
- 3) ALL LUMBER DIMENSIONS ARE NOMINAL UNPLANED LUMBER MAY BE USED WHERE IT WILL NOT INTERFERE WITH THE OPERATION OF THE PROJECT.
- 4) ALL JOINTS OF WOODEN UNITS INTENDED TO CONTAIN WATER SHALL BE CAULKED BEFORE ASSEMBLY. ALL SEAMS SHALL BE MADE WATERTIGHT BY FIBERGLASS TAPE OR OTHER APPROVED METHOD.

NO.	DATE	REVISION	APPR.
SUBMITTED			
PROFESSIONAL			<i>Stephen J. McBride</i>
APPROVED			<i>Andrew Co. Friedrich</i> CHIEF - DIVISION OF MINE AREA RESTORATION
APPROVED			<i>S. E. Kyle for V. M. Beard</i> DIRECTOR - BUREAU OF RESOURCES PROGRAMMING
COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES OFFICE OF RESOURCES MANAGEMENT			
CONTRACT NO. SL 135-10-102.1			
QUAKAKE TUNNEL DEMONSTRATION PROJECT PACKER TWP. CARBON CO., PA.			
GEO - Technical Services CONSULTING ENGINEERS & GEOLOGISTS 851 So. 19th St. HARRISBURG, PENNA.			
LOCATION & SITE MAPS NOTES & ABBREVIATIONS			
DRAWN BY	DATE	DRAWING NO.	
W.E.H.	APRIL 1977	2 of 18	
CHECKED BY	SCALE		
S.J.M.	AS SHOWN		