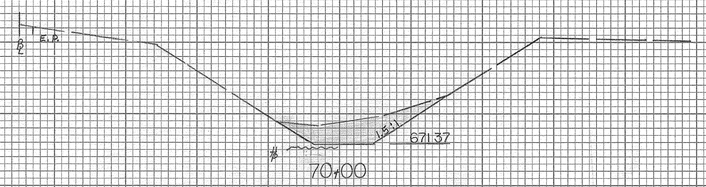
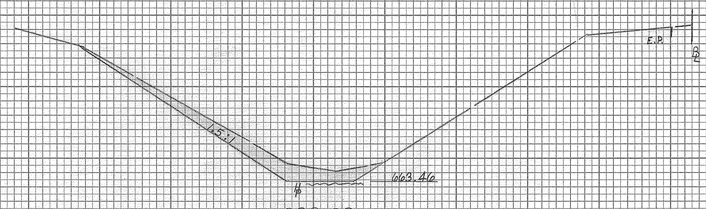
GEO. SPOERL DITCH IMPR. #2426
TYPICAL SHEET

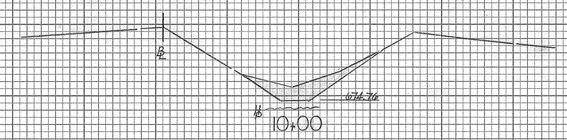
TYPICAL CROSS-SECTION

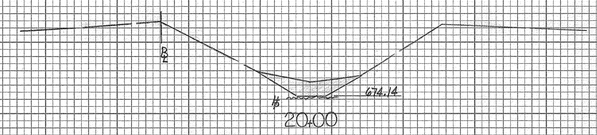
MAIN



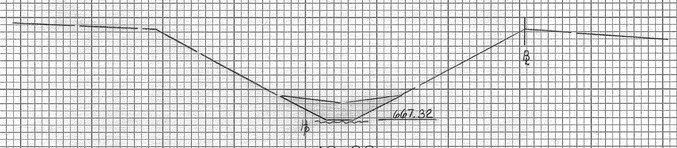


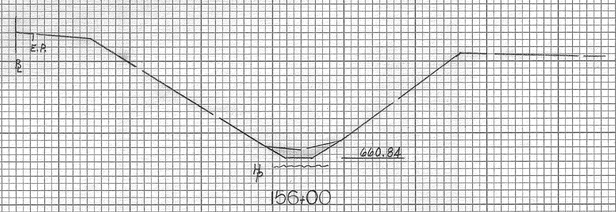
BRANCH #2



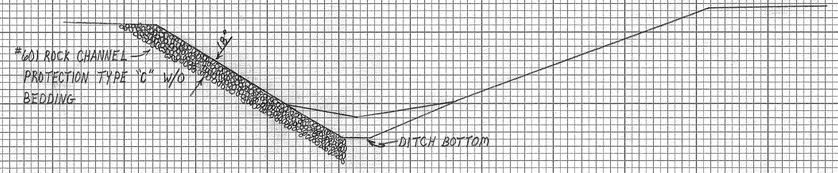


BRANCH #1

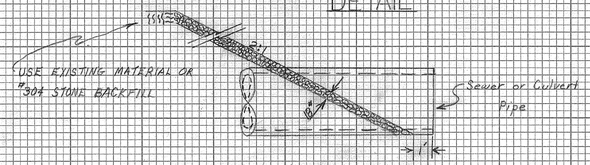




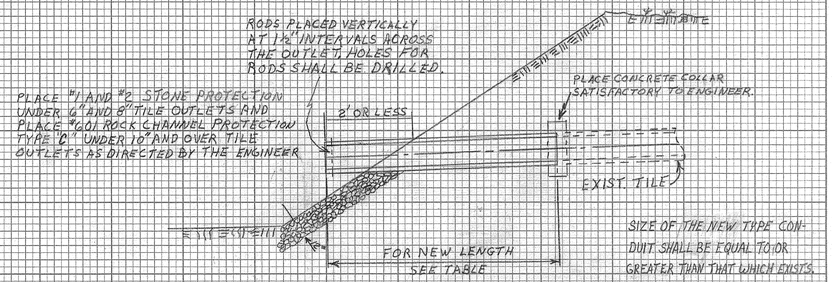
ROCK CHANNEL PROTECTION DETAIL



STRUCTURE REPLACEMENT DETAIL



PIPE REPLACEMENT DETAIL AND TABLE



	EXISTING TILE SIZE		
	6" & UNDER	8"	10" & OVER
NEW TILE SIZE REPLACEMENT	6"	8"	10" & OVER
NEW TILE LENGTHS REPLACEMENT	12 FEET	12 FEET	20 FEET

NOTE: REMOVE SUFFICIENT LENGTH OF EXISTING TILE OR PIPE AS DIRECTED BY THE ENGINEER. COST OF THE CONCRETE COLLAR, ROCK CHANNEL PROTECTION, VERTICAL RODS, REMOVAL AND DISPOSAL OF EXISTING PIPE SHALL BE INCLUDED IN THE COST OF THE NEW PIPE.

THE CONTRACTOR MAY HAVE THE OPTION TO USE THE FOLLOWING TILE EXTENSIONS, BUT FOR EXAMPLE, IF THE CONTRACTOR USES AN 8" TILE EXTENSION OVER A 6" TILE HE GETS PAID FOR A 6" TILE EXTENSION:

8" TILE EXTENSION OVER 6" TILE
10" TILE EXTENSION OVER 8" TILE
12" TILE EXTENSION OVER 10" TILE

However, all 3", 4" & 5" existing pipe shall use 6" pipe replacement

* Tile Outlets on Roadside – Pipe Replacement shall be as long as possible without disturbing pavement, and all backfill shall be #304 stone, with a 12" cover of #1 and #2 stone protection extending from toe of slope to top of bank as directed by the engineer.

UTILITIES AND PUBLIC SERVICES

The contractor shall notify, at least five (5) working days before digging, all public services corp. and private owners having pipes, wires, poles, conduit, manholes or other structures which are affected and not shown on these plan.

UTILITIES OWNERSHIP

Suburban Fuel Gas Inc.	Toledo Edison Co. (South Dist.)	General Telephone Co. (Eng & Const. Office)
Front St.	400 Third St.	300 W. Gypsy Ln. Rd.
Gyanet, Oh. 43413	Defiance, Oh. 43512	Bowling Green, Oh. 43402
419 655-0345 attn: Dick Keeling	419 782-2015 attn. Russell Wheeler	419 352-6521 attn. Marvin Pippen or Greg Martin

Ohio Utilities Protection Service phone number 800-362-2764. Calling this number does not relieve the contractor of the responsibility of notifying utilities who may not be part of this alert number.

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		