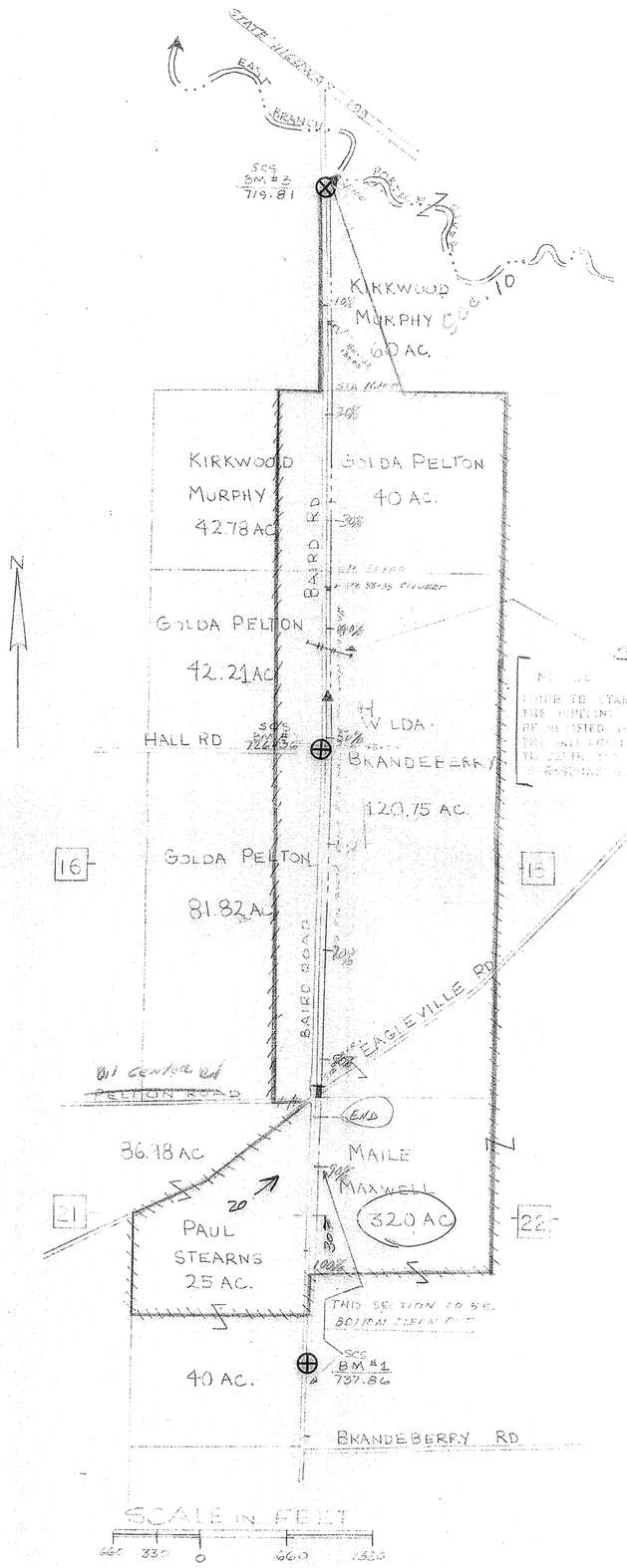

WATERSHED & LOCATION MAP
PERRY TWP. WOOD COUNTY OHIO

LEGEND

ROAD
FENCE
PROPERTY LINE
EXISTING TILE
PROPOSED TILE
NEW INSTALLED TILE
STATIONS 0+00
BENCH MARK BM
LANE
STREAM
CONTOUR ELEVATIONS
SOIL TYPE SYMBOLS GOBB
BREATHER-RELIEF WELL

SPECIFICATIONS

I. Excavation

a. Bottom Width: The bottom width shall be (3) three feet between sta. 0+00 and sta 68+80

b. Bank slopes: The ditch banks are to be constructed to at least two (2) foot horizontal to one (1) foot vertical. Road banks will not be disturbed.

c. Alignment: The centerline of the improvement shall be approximately the centerline of the existing ditch unless otherwise indicated on the plan.

d. Total Excavation: The total excavation consists of 4,966.2 cubic yards of earth over 6820.0 lineal feet of ditch.

e. Excess Yardage: No extra compensation will be paid for such excavation in excess of yardage herein estimated. This estimate was made from cross-sections of the proposed ditch. The contractor should view the proposed work to his own satisfaction.

II. Clearing

All trees and/or brush which would interfere with the excavation operation must be cleared from the ditch right-of-way ahead of the dragline operations. Stumps on the berm should be removed or cut as low as cutting tools permit. Cleared debris should be disposed of by burning or removed from the right-of-way. All stumps on ditch banks shall be sprayed.

III. Berm Widths

Unless otherwise noted the berms will have the following minimum widths: four (4) feet wide for ditches up to four (4) foot depth; six (6) feet wide for four to six foot depth; and ten (10) foot depth for ditches over six feet in depth.

IV. Spoil Banks

Excavated material should be deposited and spread along the farm side of the ditch, as determined, except where used for levees, and in overflow areas with timber or brush cover. Slope of the spoil after spreading should be at least 3:1 on the channel side and at least 4:1 on the field side. The height of the spoil should not exceed one foot above average ground level. Openings shall be provided for surface water to enter the ditch.

V. Tile Outlets

Landowners shall protect their tile outlets with a section of continuous rigid pipe and flap-gates or grid to exclude rodents. For details of construction see your Soil Conservation Technician.

VI. Surface Water Outlets

Wherever a lateral or a surface ditch enters the main ditch at a higher elevation protection from erosion should be provided by: Drop structure, pipe drops, other suitable structure or grassed waterway. For assistance on outlets see your Soil Conservation Technician.

VII. Channel Obstructions

Where fences cross the channel section they should be fitted with suitable free-swinging gates.

VIII. Ditch Bank Seeding

The ditch banks will be seeded, immediately after each day's work, prior to August 1, after August 1 twice daily, to tall fescue (Kentucky 31 or Alta) at the rate of 25lbs per acre. Other mixtures may be used upon the recommendation of the Soil Conservation Service Technician. A minimum of 500 lbs of 10-10-10 fertilizer or equivalent per acre will be applied. 1.5 acres of ditch bank seeding will be required.

IX. Culverts and Bridges

Existing culverts and bridges will be cleaned and the inverts (flow line) lowered to correspond to the proposal ditch grade ad indicated on the plan.

Station 13+00 Farm bridge. If footers are not deep enough bridge will be removed and replaced with culvert.

Station 33+33 Cleaned - Half full (2.33 cubic yards to move).

NOTICE TO LANDOWNERS OR CONTRACTORS

PRIOR TO START OF CONSTRUCTION THE OWNER OF THE PIPELINE OR OTHER TRANSMISSION LINE MUST BE NOTIFIED OF THE PENDING CONSTRUCTION, GIVING THE DATE AND TIME SUCH CONSTRUCTION IS SCHEDULED TO BEGIN. THE PROPERTY OWNER OR THE CONTRACTOR IS RESPONSIBLE FOR GIVING THIS NOTICE.

Buckeye Pipeline

This plan has been reviewed by and meets the approval of the Wood County Engineer.

Max L. Rotschafter (PE)

DITCH #-26 A

Class IV

BENCH MARK DESCRIPTION

BENCH LEVEL CIRCUIT RUN FROM USGS BM # 733 - ELEV 733.212
2.5 MI NW OF, ALONG US HIGHWAY 23 (SH 199), THENCE 3.1 MI W. ALONG PELTON ROAD; BETWEEN SECS 26 & 35 T3N; R12E; 21 FT N & 21 FT E. OF A DOUBLE LOG TELEPHONE POLE; IN NW CORNER NORTHEAST OF SMALL CONCRETE BRIDGE, 90 FEET STANDING 20 SEPT 1959

SCS BM #1 X MARK (RED PAINT) ON NW CORNER OF CONCRETE BASE OF WOOD CORNER POST 1 FOOT STA 38+41 EAST SIDE OF BAIRD ROAD ESTAB. ELEV 737.86

SCS BM #2 TOP OF SOUTH POST OF GUARD RAIL FENCE EAST SIDE OF BAIRD ROAD @ JCT OF HALL ROAD EST ELEV 726.56

SCS BM #3 X MARKED (PAINT) S.E. COR. OF BRIDGE ABUT. ON BAIRD RD 360' SOUTH OF RT WIDENING EST ELEV 719.81

37+59
68+80
2.19

BAIRD ROAD GROUP
PERRY TWP SEC 15 - 16 - 21 - 22
WOOD COUNTY

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Designed T. O. MILLER	Date 3/70	Approved by Russell K. Kowal	
Drawn M. HILLARD	3/70	Title Cons'l Engr.	
Traced		Title	
Checked R K Kowal	3/70	Sheet No. / ck	Drawing No. OH-1-75-70-5

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