



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

776-9626

Noblesville, Ind. 46060 August 1 1984

To: Hamilton County Drainage Board

Re: Thomas Butler Drain

Attached is the reconstruction plans, drain map, drainage shed map and assessment roll for the Thomas Butler Drain. This drain is located in Sections 8, 9, 16 and 17, Township 20 North, Range 4 East in Jackson Township.

The drain was originally constructed in 1883 as the Langston, Langoff and DeVaney Ditch. This was an open ditch 13,700 feet in length. In 1893 portions of the ditch was tiled as the Thomas Butler Drain. This consisted of a main ditch and 4 arms amounting to 17,686 feet. The last work done on the ditch was in 1954 when part of the main ditch of the Thomas Butler was reconstructed. In recent years the Arm 1 of the drain has fallen into disrepair. In order to improve the outlet the landowners with the help of the SCS has rerouted the drain as shown in the plans from the SCS dated 1980.

Upon considering the problems with the drain, I believe the following should be done.

1. Reconstruct the outlet of the Thomas Butler main ditch. This work would consist of lowering the tile south of 281st Street, outletting the tile over a rock chute structure and constructing a open ditch to Little Cicero Creek. The cost estimate for this work is as follows.

40' RCP 12" @ \$18.00/ft	720.00
Rock Chute #1	2700.00
Rock Chute #2	2700.00
410' 12" Conc. Tile @ \$7.50/ft	3075.00
20' 15" CMP @ \$13.50/ft	270.00
15" Animal Guard	35.00
Clearing .5 Ac @ \$3000.00/ac	1500.00
Dredging 650 ft @ \$4.00/ft	2600.00
Seeding 1 Ac @ \$300.00/ac	300.00
	<u>13900.00</u>
+ 10% Cont.	<u>1390.00</u>
	<u>\$15290.00</u>

The drainage shed and assessment roll for this is attached. With 198.85 acres in the drainage shed, the cost per acre will be \$76.90 with a \$76.90 minimum. The maintenance will be \$2.00 per acre with a \$6.00 minimum which will bring in \$409.70 per year.

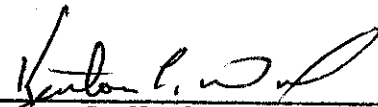
2. The Langston, Langoff and DeVaney Drain should be vacated. This is needed to eliminate a few portions which still exist which were not made part of the Butler Drain.
3. The Thomas Butler Arms 1, 2, 3 and 4 should be vacated. These sections are in poor repair and as mentioned above, part has been rerouted. These sections amount to 9276 feet of drain.

Upon considering the portions of the drain to be vacated, I believe that the drain does not perform the function for which it was designed and constructed. It has become inadequate to properly drain all affected land under current conditions; the expense of reconstruction outweighs the benefits of reconstruction and the vacation will not be detrimental to the public welfare.

An assessment roll to supplement the roll showing the reconstruction has been compiled by using the original records for the drain. Between both the vacated portion is covered. A reconstruction notice will be sent to those on the reconstruction and only a vacation notice will be sent to the others.

The portion of the system remaining will be the Thomas Butler main drain from Sta 0 to Sta 84+10.

A reconstruction, maintenance and vacation hearing should be held on November
13, 1984 at 9:05 A.M.



Kenton C. Ward,
Hamilton County Surveyor

KCW/jh



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

776-9626

Noblesville, Ind. 46060 June 7, 1985

TO: Hamilton County Drainage Board

RE: THomas Butler Drain

On June 6th, I made a final inspection of the reconstruction of the THomas Butler Drain done by Ron Taylor Excavating, Inc. At this time I found the work to be complete and acceptable.

On item of extra work was needed on the project which amounted to connecting a private drain located at the South end of the project. The cost for this was \$25.00. The bid price was \$8150.00, which brought the total price for the reconstruction to \$8175.00. This is below the estimate of \$15,290.00.

I recommend that the project be accepted by the Board. The letter stating that all expenses have been paid has been submitted.

Two claims will be submitted, \$6,948.75 to be paid at this time and a \$1,226.25 retainer to be paid in August. Both should be approved.

KCW/no


Kenton C. Ward—County Surveyor

FILED

JUN 10 1985

HAMILTON COUNTY DRAINAGE BOARD

SECRETARY