Drain: <u>CHARLES</u>	Hueen	
Improvement/Arm:	DETAIL	Drain #: 299
Operator:	155 1	
Drain Classification:	100-100-1	Date: 1-30-ct
	Orban Rural Ye	ar installed: 1998

GIS Drain Input Checklist

- Pull Source Documents for Scanning
- Digitize & Attribute Tile Drains
- Digitize & Attribute Storm Drains
- Digitize & Attribute SSD
- Digitize & Attribute Open Ditch
- Stamp Plans
- Sum drain lengths & Validate
- Enter Improvements into Posse
- Enter Drain Age into Posse
- Sum drain length for Watershed in Posse
- Check Database entries for errors

july july

Gasb 34 Footages for Historical Cost Drain Length Log

Drain Type:	Size:	Length (Length (DB Query)	Length Reconcile	Price:	Cost:
TILE	18"		1/37'			30011
	24"		1662'			
Dreoging 4850'			o′			
REPARING TILE			0′			
BREATHERS, MANHO	IES		0'			
ARMI-TILE	15"		920'			-
	18"		1585'			220,392
OPEN DITCH			9345'		19.50/1f	182,694.
sem of mem 1-The	14"		2237'		19.55/1f \$.25/1f	9.507.2
remzof Armi	84		207'		2:=/if	4/11/-
					2 /17	,,,
	Sum:		17 1931			1/2
inal Report:			17,075		4	413,00

ALL LENGTHS MEASURED IN GUS
* POEUMSIN CORT OF THE NUMBER
* PREVIOUSLY PART OF THE WILLIAM LOCKE DRAIN
* * PREVIOUSLY EXISTING PRIVATE TILE
* To Put these on historical cost tab & index would be most because it
would show an instillation date of 1998 because it was pre-existing.





Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776=9628

Suite 146 One Hamilton County Square Noblesville, Indiana 46060-2230

TO: Hamilton County Drainage Board

August 11, 1997

RE: Charles Huffman Drainage Area

Attached are plans, specifications, drain map, drainage shed map, and schedule of assessments for the reconstruction of the Charles Huffman Drainage Area. This shall consist of the Charles Huffman Drain and the portion of the William Locke Drain upstream of 211th Street. The Charles Huffman Drain is listed as number six (6) for reconstruction on the 1997 Classification List. The drainage area covers portions of Hamilton and Madison Counties with a total acreage of approximately 3476.64 acres, of which 1211.56 acres are situated within Madison County. The Madison County Drainage Board has waived their rights to a joint board on July 9, 1997.

The Charles Huffman Drain is the headwaters for the William Locke Drain. The Charles Huffman Drain was petitioned for advancement on the Reconstruction Classification List in 1981 by six property owners representing 32% of the watershed, and again for further advancement in 1994 by a group of six property owners representing 70% of the watershed. An engineering request was sent to the Hamilton County Soil and Water Conservation District on August 24, 1994 and plans were received on February 9, 1996. Those plans are incorporated by reference in this report.

The original construction reports and other information for the Charles Huffman Drain cannot be located. Upon review of the records the only information found was a reference in the legal description of the William Locke Drain stating that the Locke Drain began at the outlet of the Charles Huffman tile drain. The Charles Huffman does appear on the list of legal drains certified to the Auditor in 1957 by Mr. R.D. Horney, who was Surveyor at that time. However, there is not a length listed and it is noted that no record exists. It also appears on the County Drainage Map in 1932 and on a drainage map of the Locke Drainage Shed, date unknown. Upon checking with Madison County, the Surveyor there also cannot find a record of the drain. Information concerning this drain has been drawn from other sources for its repair and maintenance. Field investigations, landowner knowledge, aerial maps, the Locke Drain map, and the 1932 County Drain Map have all been valuable sources of information for this drain.

The Charles Huffman Drain currently consists of the main drain and an arm. The main drain is approximately 6900 feet in length and the arm is approximately 4900 feet in length, for a total existing length of 11,800 feet. The approximate description of the existing tile is as follows:

Main Ditch- Begin approximately 1350 feet south of the northeast corner of section 8-19-6 and run northwest to a point 1200 feet west of the northeast corner of section 8-19-6. Thence northwest to a point 600 feet north of the northwest corner of the northeast quarter of section 8-19-6, thence southwest to a point 300 feet east of the northeast corner of the northwest quarter of the northwest quarter of section 8-19-6. Continuing in a southwesterly direction and intersecting Arm 1 at a point approximately 100 feet east and 150 feet south of the northeast corner of the northwest quarter of the northwest quarter of section 8-19-6. It then runs southwest to a point that is approximately 18 feet east of Cytheanne Road and 646 feet south of the north line of section 8-19-6. A revised description listing the proposed changes for the tile is given under Phase II of the overall project.

Arm 1- Begin approximately 3150 feet south of the northeast corner of section 8, township 19 north, range 6 east, and run in a general north westerly direction. Drain crosses the north line of the southeast quarter of section 8-19-6 approximately 1900 feet west of the northeast corner of the southeast quarter of section 8-19-6. The drain intersects the west line of the northeast quarter approximately 1000 feet south of the north line of section 8-19-6, and then runs north along said west line approximately 400 feet where it turns to the west northwest and intersects the Main Ditch.

The proposed project will be in two phases. Phase I shall be the portion of the William Locke open ditch between 211th Street and Cytheanne Road. The work consists of one sided clearing from station 174+50, 211th Street to station 268+00, 18 feet east of Cytheanne Road. Excavation shall commence at station 219+50 on the Flanders property and run to Cytheanne Road. The cost estimate for this work shall be as follows:

Phase I - Open Ditch - 211th Street to Cytheanne Road

	·
Clearing - 11 acres @ \$4000.00 per acre	\$ 44,000.00
Channel Excavation - 4850' @ \$ 10.00 per lineal foot	\$ 48,500.00
Tile outlet pipes with animal guard a. 4 - 8" CMP @ \$500.00 each b. 1 - 10" CMP @ \$600.00 each c. 1 - 12" CMP @ \$ 650.00 each	\$ 2,000.00 \$ 600.00 \$ 650.00
Armor Ditch Corners -2 @ \$1050.00 each	\$ 2150.00
Install and maintain silt basins - 3 @ \$500.00 each	\$ 1,500.00
Seeding channel - 6.7 acres @ \$1000.00 per acre	\$ 6,700.00

Seeding 20 ft filter strip - 4.3 acres @ \$1000.00 per acre	\$ 4,30	00.00
Clean out Cytheanne Road Culvert	\$ 75	0.00
Install surface water pipes 15"x 30 ft 2 @ \$28.50 per foot	\$ 1,7	10.00
Repair Structure @ station 175+65	\$ 1,00	00.00
Sub	Total \$ 113,8	360.00
+ 10 % continge	ncies \$ 11,3	386.00
Phase I	Total \$ 125.2	46.00

The remainder of the William Locke Drain will be reconstructed and placed on maintenance at a later date

Not shown on the plans, but shall be considered as part of the reconstruction plans is the placement of twenty foot (20') filter strips along the west and north sides of the drain. These shall be installed by the Contractor as part of the leveling and seeding of the spoil. These shall be maintained annually as part of the maintenance program as per I.C. 6-1.1-6.7.

Upon a check of the Riverwood U.S.G.S. Quad Map I found that from the outlet at Cyntheanne Road to the intersection of the William Locke Drain with Stony Creek, the length of drain is approximately four (4) miles. Therefore, per I.C. 14-28-1-22 a permit from the Indiana Department of Natural Resources is not required.

I have reviewed the drainage shed for Phase I of 3476.64 acres and upon considering each parcel individually, I believe that each parcel within the drainage shed will have equal benefits as provided by the drain. Therefore I recommend each tract be assessed on the same basis equally on Phase I. I also believe that no damages will result to landowners by the reconstruction of this drain. I recommend a reconstruction assessment for Phase I of \$36.00 per acre with a minimum assessment of \$36.00.

Phase II of the project shall consist of the reconstruction of the Charles Huffman Drain beginning 18 feet east of Cytheanne Road at station 268+00. At this location a new aluminum drop spillway shall serve as the outlet of the tile. A new 24" concrete tile shall run from this point east to station 285+33. From this point an 18" concrete will run east, replacing portions of Arm 1 of the original tile to station 302+50 where it will connect back into the original tile of Arm 1.

Lateral A on sheet 4 of the plan is a replacement of the original main tile from station 285+33 described above (station 0 of lateral A) to station 11+50 of lateral A with 18" concrete tile. At station 11+50 the tile shall connect to the original main drain.

Arm 1 to Arm 1 shall be an additional arm to the drain. This arm begins approximately 5000 feet south of the northeast corner of section 8, township 19 north, range 6 east and runs thence west and north entering Arm1 at approximately station 9+00. The length of this arm is approximately 1950 feet.

Lateral B, as shown on the plans, shall be known as Arm 2 to Arm 1 and shall consist of 250 feet of 8" tile. It enters Arm 1 at station 298+50.

The cost estimate for this work shall be as follows:

Phase II - Tile Reconstruction - East of Cytheanne Road

	· · · · · · · · · · · · · · · · · · ·	
Install structure #1 @ station 268+00		\$ 4,600.00
Construct grass waterway - 250ft./ .30 acre @ \$1000.0	00 per acre	\$ 300.00
Crush existing tile 1600 ft. @ \$2.50 ft.		\$ 4,000.00
Install field tile per plan		
24" concrete tile - 1730 ft. @ \$24.00 ft.		\$ 41,520.00
Install 4 ft. manhole - 1 each @ \$2500.00		\$ 2,500.00
18" concrete tile - 2870 ft. @ \$18.00 ft.		\$ 51,660.00
15" non-perforated HDPE tile - 1250 ft. @ \$20.00		\$ 25,000.00
Road crossing - 18" RCP - 40 ft @ \$30.00 ft		\$ 1,200.00
8" plastic tile - 250' @ \$8.17 per ft.		\$ 2,442.50
Tile breathers - 6 @ \$475.00 each		\$ 2850.50
Clearing - 2.4 acres @ \$4000.00 per acre		\$ 9,600.00
Seeding - 2.4 acres @ \$1000.00 per acre		\$ 2,400.00
	Sub Total	\$ 148,073.00
	+10% contingencies	
	Phase II Total	\$ 162,880.00

Phase I Total \$ 125,246.00
Phase II Total \$ 162,880.00
Total Cost \$ 288,126.00

I have reviewed the drainage shed for Phase II of 796.31 acres and upon considering each parcel individually, I believe that each parcel within the drainage shed will have equal benefits as provided by the drain. Therefore I recommend each tract be assessed on the same basis equally on Phase II. I also believe that no damages will result to landowners by the reconstruction of this drain. I recommend a reconstruction assessment for Phase II of \$204.00 per acre with a minimum assessment of \$204.00.

I recommend the Board place the Charles Huffman Drainage area on a maintenance program as set out in I.C. 36-9-27-38. This drainage area is not presently under a maintenance program.

The nature of the maintenance work which may be required is as follows:

- a. Removal and/or prevention of brush within the drainage easement by hand, mechanical or spray methods.
- b. Re-excavating of open ditch to original grade line.
- c. Installation and /or repair of surface water structure as might be required.
- d. Bank erosion protection and/or seeding as might be required.
- e. Repair of private tile outlet ends as might be required.
- f. Repair of regulated tile outlet at drain end.
- g. Replacement of broken tile outlet ends as might be required.
- h. Cleaning and/or repair of existing catch basins as might be required.
- i. Installation of catch basins or inlets as may be required.
- j. Removal of debris and/or blockage from the existing tile drain including jetting or video work.
- k. Installation and/or repair of breather pipes.
- 1. Removal of debris and/or blockage from the existing open drain.
- m. Maintain grass filter strips.
- n. Any other repairs necessary to restore the drain to it's original intended condition.

The frequency with which maintenance work should be performed annually is as required by the condition of the drain.

The Frank Huffman Drainage Area, which flows into the Charles Huffman Drainage Area, is currently on a maintenance program in conjunction with Madison County, as Hamilton County and Madison County combined efforts through a joint board to place it on a maintenance program in 1984. The maintenance rates for the Frank Huffman Drain are \$2.00 per acre, and \$6.00 minimum per parcel. The current account balances for the Frank Huffman Drain are \$17,177.00 in Madison County and - \$1,586.63 in Hamilton County. \$2,625.00 is owed to Hamilton County for an unpaid bill for work done in 1993. There is currently a claim to the Madison County Auditor for the unpaid bill that should be paid within 30 - 60 days. The Frank Huffman Drain shall not be maintained as part of the Charles Huffman Drain. Landowners within the Frank Huffman Drainage shed shall also be assessed for the Charles Huffman Drainage area.

I have reviewed the plans and drainage shed and believe that the drain will benefit each tract equally for the purpose of maintenance. Therefore I recommend each tract within the drainage shed be assessed for maintenance equally at a rate of \$2.00 per acre with a minimum assessment set at \$10.00 pet tract. The annual maintenance collection will be \$7133.00.

I recommend the Board set a hearing for this proposed reconstruction and maintenance project for October 27, 1997.





Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776=9628

Suite 146 One Ilamilton County Square Noblesville, Indiana 46060=2230

To: Hamilton County Drainage Board

December 28, 1998

Re: Charles Huffman Reconstruction Project

Final Inspection Report

FINAL INSPECTION REPORT

Please regard this letter as the inspector's final report on the Charles Huffman Regulated Drain Reconstruction, located in Sections 5, 7, 8, 18, Township 19 North, Range 6 East, White River and Wayne Townships in Hamilton County, Indiana.

As of the date of this report, I hereby attest to and agree that the reconstruction was installed according to the specified plans and change orders. All inspections have been completed. Frank Mills of the Hamilton County Surveyor's Office has submitted all grade checks and as-built plans.

The Hamilton County Drainage Board awarded the contract on February 9th, 1998.

A notarized statement of all expenses incurred for materials paid was received dated August 4th, 1998.

There were a total of four change orders for additional work or field revisions on the project.

Change Order #1

Approved by the Hamilton County Drainage Board June 8, 1998

Phase I - Open Drain Outlet Pipes 1 - 10" CMP ------ \$287.00 4 - 8" CMP, @ \$220.00 each ------ \$880.00

Phase II - Tiled Drain Stone Bedding - 58.6 yards @ \$19.00 per yard \$720.00	Surface Water Pipes - 2 - 15" x 30' @ \$750.00 each	\$1500.00 \$253.27
Phase I - Open Drain Outlet pipes 1 - 6" x 20' CMP	Stone Bedding – 58.6 yards @ \$19.00 per yard	\$1113.40 \$720.00 \$4753.67
Outlet pipes 1 - 6" x 20' CMP		
2 - 8"x 20' CMP	Outlet pipes	
2 - 10"x 20' CMP	1 - 6" x 20' CMP	\$186.00
1 - 15"x 20' CMP — \$370.00 1 - 6" animal guard — \$7.62 1 - 15" animal guard — \$40.00 Phase II - Tiled Drain 2' of #2 stone covered with filter mat, 1' of #8 bedding stone for 700' of 18" tile. Sum price total— \$4,985.50 Change Order #2 Total — \$6,689.12 Change Order #3 Approved by the Hamilton County Drainage Board July 13, 1998 Phase II - Tiled Drain Shell Pipeline Crossing. County to be reimbursed by Shell Pipeline. 2 - 3'x3' concrete manhole structures @ \$1100.00— \$2200.00 15 bags Sakrete @ \$5.50 each — \$82.50 78' of 15" SDR 35 PVC pipe @ \$9.50 — \$741.00 15 hours excavator @ \$85.00 — \$741.00 15 hours excavator @ \$85.00 — \$680.00 14 hours backhoe @ \$70.00 — \$980.00 46 ¾ hours labor @ \$25.00 — \$980.00 Total Cost - Shell Pipeline Crossing — \$8,055.90	2 - 8"x 20' CMP	\$500.00
1 - 15"x 20' CMP — \$370.00 1 - 6" animal guard — \$7.62 1 - 15" animal guard — \$40.00 Phase II - Tiled Drain 2' of #2 stone covered with filter mat, 1' of #8 bedding stone for 700' of 18" tile. Sum price total— \$4,985.50 Change Order #2 Total — \$6,689.12 Change Order #3 Approved by the Hamilton County Drainage Board July 13, 1998 Phase II - Tiled Drain Shell Pipeline Crossing. County to be reimbursed by Shell Pipeline. 2 - 3'x3' concrete manhole structures @ \$1100.00— \$2200.00 15 bags Sakrete @ \$5.50 each — \$82.50 78' of 15" SDR 35 PVC pipe @ \$9.50 — \$741.00 15 hours excavator @ \$85.00 — \$741.00 15 hours excavator @ \$85.00 — \$680.00 14 hours backhoe @ \$70.00 — \$980.00 46 ¾ hours labor @ \$25.00 — \$980.00 Total Cost - Shell Pipeline Crossing — \$8,055.90	2 - 10"x 20' CMP	\$600.00
1 - 6" animal guard — \$7.62 1 - 15" animal guard — \$40.00 Phase II - Tiled Drain 2' of #2 stone covered with filter mat, 1' of #8 bedding stone for 700' of 18" tile. Sum price total— \$4,985.50 Change Order #2 Total — \$6,689.12 Change Order #3 Approved by the Hamilton County Drainage Board July 13, 1998 Phase II - Tiled Drain Shell Pipeline Crossing. County to be reimbursed by Shell Pipeline. 2 - 3'x3' concrete manhole structures @ \$1100.00— \$2200.00 15 bags Sakrete @ \$5.50 each — \$82.50 78' of 15" SDR 35 PVC pipe @ \$9.50 — \$741.00 15 hours excavator @ \$85.00 — \$1275.00 8 hours bulldozer @ \$85.00 — \$1275.00 8 hours bulldozer @ \$85.00 — \$980.00 14 hours backhoe @ \$70.00 — \$980.00 46 '4 hours labor @ \$25.00 — \$1168.00 Total Cost - Shell Pipeline Crossing — \$8,055.90	1 - 15"x 20' CMP	\$370.00
Phase II - Tiled Drain 2' of #2 stone covered with filter mat, 1' of #8 bedding stone for 700' of 18" tile. Sum price total	1 - 6" animal guard	\$7.62
2' of #2 stone covered with filter mat, 1' of #8 bedding stone for 700' of 18" tile. Sum price total	1 -15" animal guard	\$40.00
Approved by the Hamilton County Drainage Board July 13, 1998 Phase II - Tiled Drain Shell Pipeline Crossing. County to be reimbursed by Shell Pipeline. 2 - 3'x3' concrete manhole structures @ \$1100.00\$2200.00 15 bags Sakrete @ \$5.50 each		
Shell Pipeline Crossing. County to be reimbursed by Shell Pipeline. 2 - 3'x3' concrete manhole structures @ \$1100.00		
2 - 3'x3' concrete manhole structures @ \$1100.00	Phase II - Tiled Drain	
15 bags Sakrete @ \$5.50 each	Shell Pipeline Crossing. County to be reimbursed by Shell Pipeline.	
15 bags Sakrete @ \$5.50 each	2 – 3'x3' concrete manhole structures @ \$1100.00	
78' of 15" SDR 35 PVC pipe @ \$9.50		\$2200.00
15 hours excavator @ \$85.00	15 bags Sakrete @ \$5.50 each	\$2200.00 \$82.50
8 hours bulldozer @ \$85.00\$680.00 14 hours backhoe @ \$70.00\$980.00 46 ³ / ₄ hours labor @ \$25.00\$1168.00 Total Cost - Shell Pipeline Crossing\$8,055.90	15 bags Sakrete @ \$5.50 each	\$82.50
14 hours backhoe @ \$70.00	15 bags Sakrete @ \$5.50 each78' of 15" SDR 35 PVC pipe @ \$9.50	\$82.50 \$741.00
46 ¾ hours labor @ \$25.00	15 bags Sakrete @ \$5.50 each	\$82.50 \$741.00 \$1275.00
	15 bags Sakrete @ \$5.50 each	\$82.50 \$741.00 \$1275.00 \$680.00
220' of 16" Concrete Tile @ \$9.98 per foot	15 bags Sakrete @ \$5.50 each	\$82.50 \$741.00 \$1275.00 \$680.00 \$980.00
Change Order #3 Total \$10,251.50	15 bags Sakrete @ \$5.50 each	\$82.50 \$741.00 \$1275.00 \$680.00 \$980.00 \$1168.00
	15 bags Sakrete @ \$5.50 each	\$82.50 \$741.00 \$1275.00 \$1275.00 \$80.00 \$980.00 \$1168.00 \$1168.00

Change Order #4

Approved by the Hamilton County Drainage Board October 12, 1998

Phase I – Open Drain

Additional items: 1 - Corner protection 1 - 6" CMP 1 - 6" Animal guard	\$186.00
Deleted items: 1 - 12" x 20' CMP 1 - Fence gate	Less \$350.00 Less \$500.00
Phase II – Tiled Drain	
Additional items: 10' - 15" HDPE pipe	\$26.00 \$9.90 \$2.20
2 hours backhoe @ \$65.00 per hour	\$20.00 \$78.00 \$1200.00 \$100.00 \$27.20 \$39.28
Change Order #4 Total Less deleted items from Contractor's Bid Change Order #4 Net Total	\$850.00

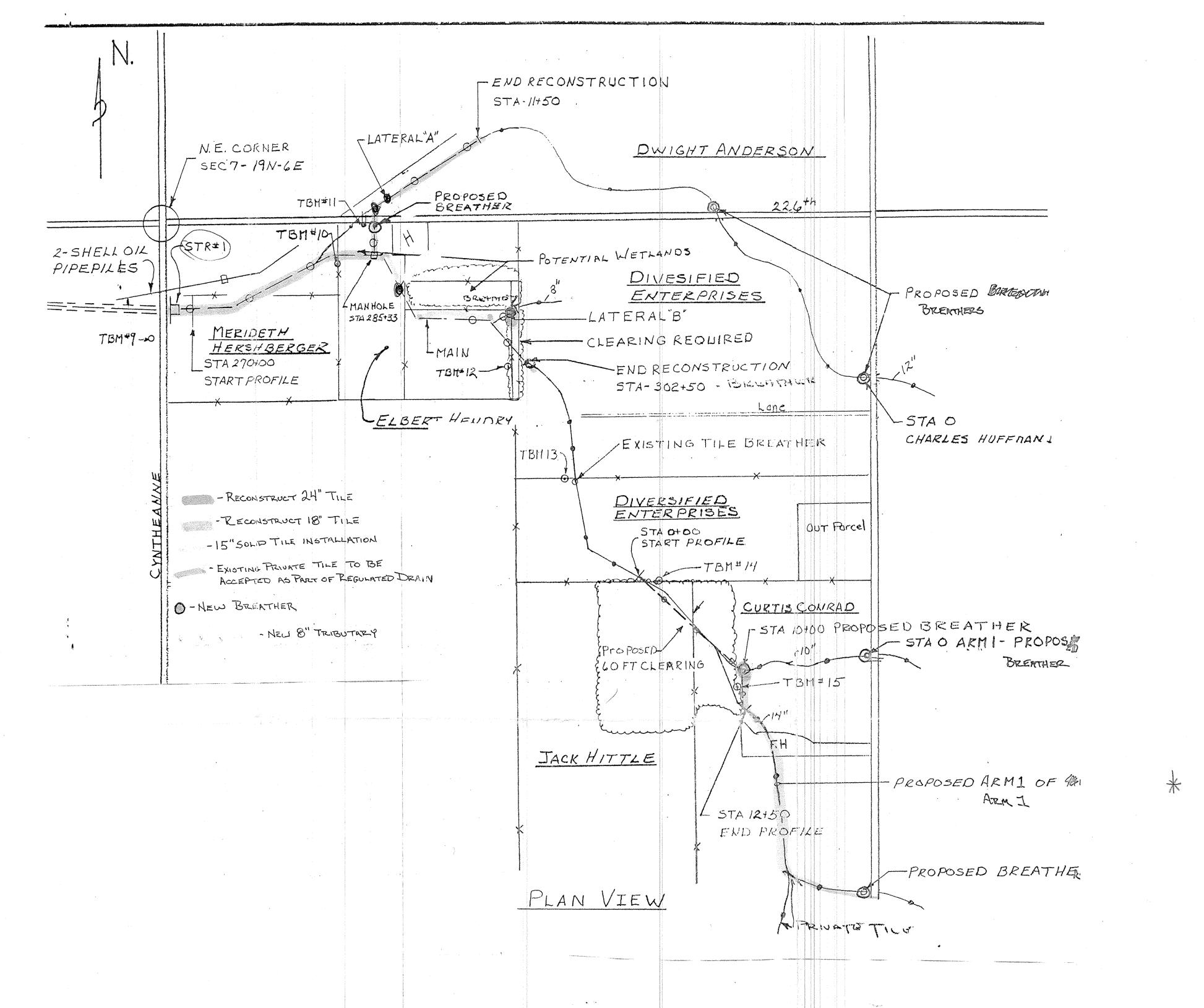
Reduction in amount on Change Order # 2
Two items on Change Order #2 were less than the estimated cost. This resulted in a reduction in cost of \$86.00 for Change Order #2.

Claim #1 submitted 3/2/98 15% Retainage withheld Check amount paid on 3/24/98	\$15,300.00 \$2,295.00 \$13,005.00
Claim #2 submitted 4/7/98 15% Retainage withheld Check amount paid on 4/28/98	\$20,948.60 \$3,142.29 \$17,806.31
Claim #3 submitted 6/3/98	\$92,832.39
15% Retainage withheld	\$13,924.86
Check amount paid on 6/23/98	\$78,907.53
Claim #4 submitted 5/6/98	\$32,399.62
15% Retainage withheld	\$4,859.94
Check amount paid on 5/27/98	\$27,539.68
Claim #5 submitted 7/7/98 15% Retainage withheld Check amount paid on 7/28/98	\$8,055.90 \$1,208.39 \$6,847.51
Claim #6 submitted 7/6/98	\$30,887.00
15% Retainage withheld	\$4,633.05
Check amount paid on 7/28/98	\$26,253.95
Claim #7 submitted 7/6/98	\$2,195.60
15% Retainage withheld	<u>\$329.34</u>
Check amount paid on 7/28/98	\$1,866.26
Claim #8 submitted 8/3/98 15% Retainage withheld Check amount paid on 8/25/98	\$17,390.10 \$2,608.58 \$14,781.52
Claim #9 submitted 8/3/98	\$382.98
15% Retainage withheld	\$57.45
Check amount paid on 8/25/98	\$325.53
Total Retainage Withheld	\$33,058.90
Claim # 10 submitted 10/9/98	\$33,058.90
Check amount paid on 10/27/98	\$33,058.90

Contractor's Bid	\$196 439 70
Change Order #1	φ170,457.70 \$4753.67
Change Order #2 —Revised cost	\$ CC02.10
Change Order #3	- \$10.251.50
Change Order #4	\$2244.20
Total Reconstruction Cost	\$220,392.19
Engineer's Estimate	-\$288 126 00
Total Reconstruction Cost	6220 202 10
Difference	- \$67,733.81
Reconstruction Assessment	\$288,014.40
Total Reconstruction Cost	\$220,392.19
Excess Reconstruction Funds	\$67,622.21

Respectfully,

Andrew Conover Inspector Hamilton County Surveyor's Office



This copy is from the Digital Archive of the Hamilton County Surveyor's Office; Noblesville, In 46060

Indraw Conouse Mapertor 1116-8495 Fox 176-7628

New Greather

Reconstruction 24" tile 15" solid file installation

Reconstruct 18" tele

Existing private like to be

accepted as part of regulated drain

10-20-1883 COMMISSIONERS REPORT the ceristruction of a detal beginning 39 dodo south of the ME corner of Section Fouriship 19 Month of Rauge 6 Kast in Harritten Douty Addicua an west hunce May on South AST W 100 H 450 H. OZON 450 H. B6W 646 H. Q 6 oft do m Jout Dan goof Alyn 20 W 1700 At ADgn 450 fr the on BUN 456 A Dayn 250 St 46n 2501 A64W 450 H GOSW 436W B6W 125m Just DUON 260 ft A69m 1447 56 St OCON 60 Of B337 406 377 200 ft B222 40 ft D4/7 30W 906 St BON 18host Byon Iso an arm to mount stick bugin mug 20 roassouth of NE corner of & Dection 12 Township 19 North Mang Cast and run S'nesterly the bed of the Bogast detch 8620 It and terminate on main ditch 80ft below Stake 136. Below mil be found a tabular statement of the depth of cut the Width at Bottom + top but each stake he number of cubic gards of ach section the cost per cultic lard and the last persection