

**Source Document Log**  
**Source Document Discrepancy Log (Over)**

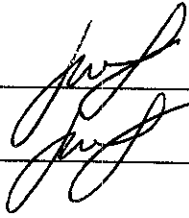
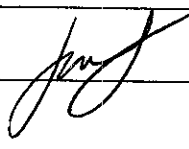

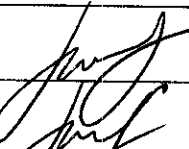
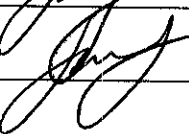
Drain: JOHN STEWART

#	Main/Arm Name	Document Name	Document ID	Info From Document
1	JOHN STEWART	VIEWS' REPORT	9-5-1945	
2		WORK ORDER	WO-89-020	BREATHERS, TILE SIZES
3		WORK ORDER	WO-2000-00016	TILE SIZE
4		WORK ORDER	WO-96-225	TILE SIZE
5		WORK ORDER	WO-90-115	TILE SIZE
6		WORK ORDER	WO-86-157	BREATHERS
7		WORK ORDER	WO-87-072	TILE SIZE
8		WORK ORDER	WO-78-52	TILE SIZE
9		WORK ORDER	WO-82-032	TILE SIZE
10		LETTER	7-5-1979	WORK and OUTLET
11		PROFILE	MARCH 1979	ROCKHUTE
13		DESIGN DETAIL	MARCH 1979	ROCKHUTE

**Drain:** JOHN STEWART      **Drain #:** 56  
**Improvement/Arm:** \_\_\_\_\_  
**Operator:** J. LIVINGSTON      **Date:** 6-23-07  
**Drain Classification:** Urban/Rural      **Year Installed:** \_\_\_\_\_

### 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

  
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**Gasb 34 Footages for Historical Cost  
Drain Length Log**

Drain-Improvement: John STEWART

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
TILE	N/A	5460'	2340'		N/A	N/A
	8"		360'		2.00/H	720.00
	10"		1825'		3.00/H	5475.00
	12"		875'		4.00/H	3500.00
	14"	150'	150'		4.25/H	637.50
OPEN DITCH		3146'	3146'		19.55/H	61,504.30

Sum: 8756'    8756'    \$ 72,016.<sup>80</sup>

Final Report: 8756'

Comments:

DESCRIPTION OF DRAIN DOES NOT INCLUDE TILE SIZES BEYOND  
150' UPSTREAM OF TILE OUTLET. TILES SIZES AND LENGTHS TAKEN  
FROM HAND INTERPRETED FROM WORK ORDERS. TILE 4" @ BEGGINNING,  
BUT INSUFFICIENT EVIDENCE TO ESTIMATE LENGTH.

ENGINEERS AND VIEWERS REPORT (

OF THE

( No- A - 5396

JOHN STEWART AND ETAL DRAIN: ((

*Set for hearing Oct. 15-45-*

EXAMINED AND APPROVED  
*18* DAY OF *Oct* 18 *45*  
*Cassius M. Gentry*  
JUDGE HAMILTON Circuit Court

**FILED**

SEP 7 1945  
*A. Joseph Baker*  
Clerk Hamilton  
Circuit Court

STATE OF INDIANA )  
(SS:  
COUNTY OF HAMILTON)

IN THE HAMILTON CIRCUIT COURT

OCTOBER TERM 194\_\_

IN THE MATTER OF THE )  
PETITION OF JOHN STEWART, )  
ROBERT D. McCARTY, )  
ESTHER H. STEWART, )  
EMMA M. McCARTY, )  
LESTER MILLIKAN, )  
HALCY LINDLEY, and )  
MADISON MILLIKAN, EX PARTE )

No. A-5396

The report of the viewers was favorable and was filed.  
Report of R. D. Horney, County Surveyor, who was appointed to supervise the construction of above drain, would respectfully report that he has made a survey of the above drain and did proceed and definitely determine the best and cheapest method of drainage, the terminal and route, location character of the proposed work, and fix the same by notes and bounds, courses and distances and descriptions, including grades and bench marks, including all necessary arms, estimated the cost thereof, divide the drain or ditch into sections of not more than one hundred feet in length, and computed and set out the number of cubic yards of excavation in each section assessed the benefits or damages as the case may be, to each separate tract of land in the water shed to be affected thereby, and to easements held by railways or other public or private corporations, or towns, including any land rights, easements, or water power, injuriously or beneficially affected, and do make report to the court under oath.

**LOCATION.** Begin approximate 100 feet north and 200 feet west of the northeast corner of the south half of the northeast quarter of the section 29, township 19, range 3 east.

Follow tile in place to a point 841 feet west and 16 feet south of the northeast corner of northwest quarter of section 33, township 19, range 3 east. Thence follow old open ditch south and southeasterly crossing the center line of section 33, approximately 1400 feet south of the north line of said section; at station 77+10 thence southeasterly to station 87+56 terminating in Eagle Creek.

Said ditch is 1 1/2 miles north of Eagletown, Washington township, Hamilton County, Indiana.

**REQUIREMENTS.** Examine the tile ditch and repair where required and take up and reconstruct 150 lin. feet of 14" tile at end using 40 feet of Vitrified or equal across highway and connect to old ditch. Construct headwall on south side of road at Station 56+ 10 where open ditch begins, as per plans.

All tile to be laid true to grade and tight joints, to be bedded and must be inspected by engineer or authorized assistant before being covered up.

OPEN PORTION

Construct Open ditch from Station 56+10 to Station 87+56 three feet wide in bottom, bank slope  $1\frac{1}{2}$  to 1. All dirt to be deposited and spread to at least 2 feet deep and leveled so as it can readily be cultivated over. Where old ditch is near the dirt shall be deposited in old ditch.

All work to be done in a neat and workman like manner and all brush and rubbish shall be cleaned up and deposited at some point nearby.

The contractor shall take care of all fences and must leave them in as good repair as when found.

CLEARING AND GRUBBING

Clear all shrubs and trees along open drain, 50 feet on each side. The Engineer has the right to order any trees left in place if so desired.

All shrubs shall be burned, removed or disposed of and not covered up with dirt.

**STEWART et al DRAIN**

**ESTIMATE COST OF CONSTRUCTION INCLUDING;**

Material, Labor Hauling etc. necessary for the completion of the work in accordance with the plans and specifications;

Examine and repair tile drain	100.00		
110 feet 14 inch tile	42.35		
40 feet 14 " Vit tile or equal	26.00		
1 - Standard Headwall	100.00		
Digging ditch and laying tile	76.00		
Excavation Open portion	1000.00		
	<u>1000.00</u>	\$ 1344.35	1276.00

Attorney Fee	\$ 75.00		65.00
Recording and releasing	10.00		10.00
Supt of Construction	50.00		34.00
Advertising	25.00		15.00
Contingency fund	<u>50.00</u>	\$ 210.00	00

We claim for services to date;			
John Brookie Viewer	\$ 10.00		
Peter McShane "	10.00		
R.D. Horney Engineer & Helpers	<u>50.00</u>	\$ 70.00	

\$ 1624.35  
 1400  
22435

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7949220

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18  
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 162435  
227.41  
 1396.44

NAMES	DESCRIPTION OF LANDS	Section	Township	Range	Acres Assessed		Acres Benefited		Amount Of Benefits		Amount of Assessment		Total Assessment	
					A	Hun	A	Hun	\$	Cts.	\$	Cts.	\$	Cts.
Lester Millikan	Pt SE NE NE	29	19	3	3-						15.12	13 31	15.12	13 31
Taylor Godby	Pt SW NW NW	28	19	3	1						5.04	4 44	5.04	4 44
Madison Millikan	Pt SE NE	29	19	3	20						100.80	88 79		
	Pt SW NW	28	19	3	15						88.79	95.60	176.40	
												66.44	155.23	
Alonzo DeHart	Pt E 1/2 SE	29	19	3	40						177.41	202.60		
	Pt W 1/2 NW	33	19	3	10						44.35	50.40	252.00	
													221.76	
Sarah Reynolds	W 1/2 of W 1/2 SW	28	19	3	37						164.10	164.10	164.10	
Ida Pruitt	E 1/2 of W 1/2 SW	28	19	3	38						168.54	168.54	168.54	
Robert D. McCarty & wife	Pt W 1/2 of E 1/2 SW	28	19	3	50						221.76	221.76	221.76	
John Stewart	Pt E 1/2 of NW	33	19	3	65						337.09	337.09	337.09	
Carl I. Reynolds & Wife	Pt W 1/2 N.E.	33	19	3	20						88.70	88.70	88.70	
	Highway													
Hamilton County	Benft To Hwys										54.50	54.50	54.50	
											<del>299</del>		\$ 262.35	
											Total Assesment		1489.76	
											Court		Gammes Michael 1276.00	



The estimate has been made and cost divided equally among the different lands and County Highways of Hamilton County, affected. The assessment sheet attached, attorneys fees, court cost, incidentals, viewers, engineers, helpers, mileage, stakes and superintendent of construction.

R. D. Horney or his authorized assistant will have full charge of the work and no work shall be changed or deviated from without his approval.

State of Indiana)  
( SS:  
Hamilton County )

I the undersigned engineer to whom was referred the above entitled petition for construction, after being duly appointed says that I have personally examined the whole line of proposed ditch, that the assessments herein made are correct, just and equitable to all concerned herein as interested, that no lands will be benefited or injured by said proposed drain and that the above and foregoing report is true in substance and in fact as I verily believe.

R. D. Horney  
R. D. Horney engineer

Approved \_\_\_\_\_

Subscribed and sworn to before me this 5<sup>th</sup> day of Sept. 1935.

Peter McShane

John C. Brooks

Viewers

G. Joseph Baker  
Clerk of the Hamilton  
Circuit Court

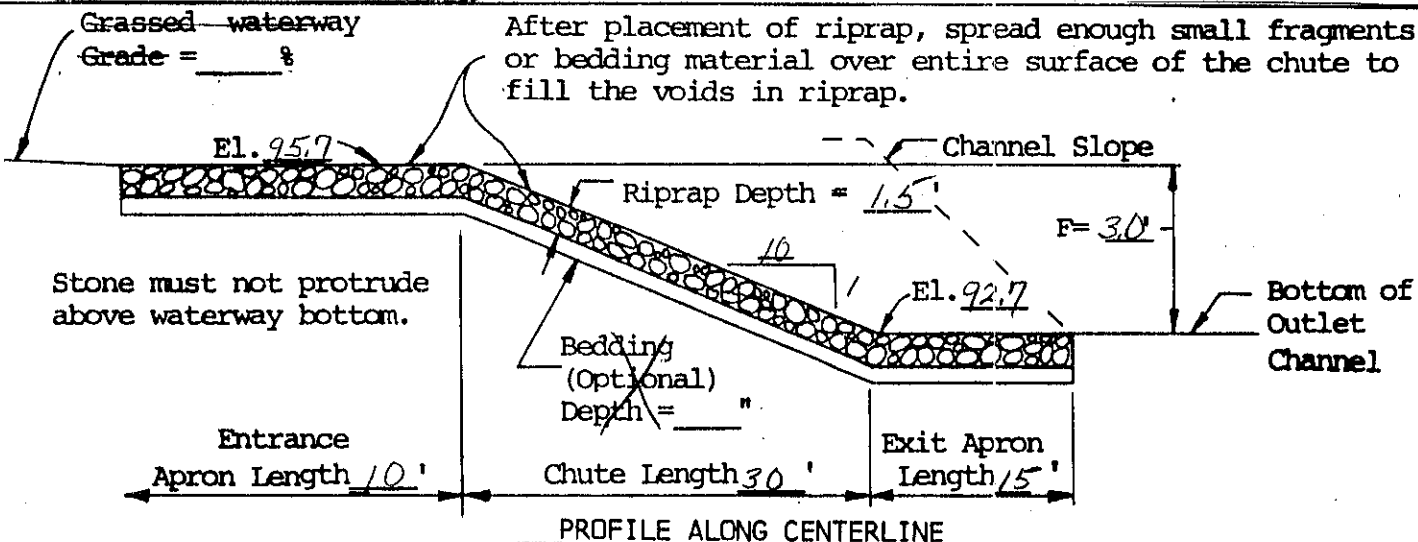
( authority)  
Section 9-----page 1174-1175  
Acts of Indiana General Assembly 1933

DESIGN

# 1

Drainage area 290 acres  
 Runoff curve no. 75  
 $Q_{10} = .71 \times 120 = 85$  c.f.s.

(Circle one)  
 Avg. watershed slope 0.4 %; ~~Flat~~-Moderate-Steep  
 10 - year - 24 - hr. rainfall 4.15 inches  
 Chute section velocity: permissible = 9.0 f.p.s.  
 Design = 8.0 f.p.s.

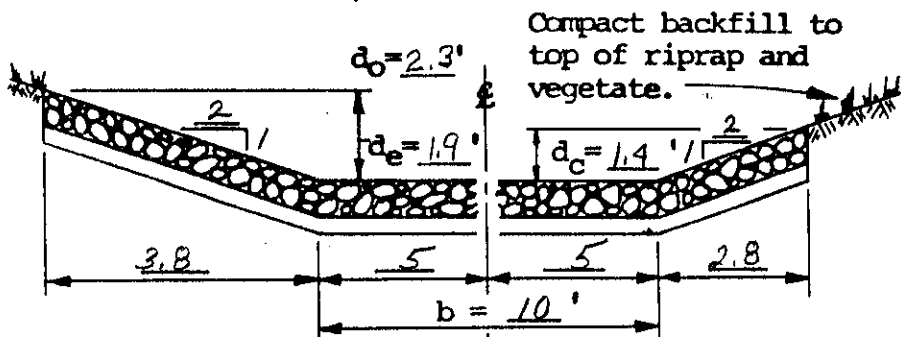


**NOTE:**

The "b" dimension will vary for the inlet apron from 10' to 10'

**NOTE:**

Chute slope not steeper than 3:1  
 Side slopes not steeper than 2:1



HALF-SECTION OF ENTRANCE & EXIT APRON      HALF-SECTION OF CHUTE

**TYPICAL CROSS SECTION**  
 ( SYMMETRICAL ABOUT  $\epsilon$  )

BEDDING GRADATION	
SIZE	% PASSING BY WT.
Tons _____	

RIPRAP GRADATION	
SIZE	% PASSING BY WT.
4"	0-10%
7"	50%
14"	100%
Tons <u>81</u>	

NOT TO SCALE

**CONSTRUCTION CHECK:**

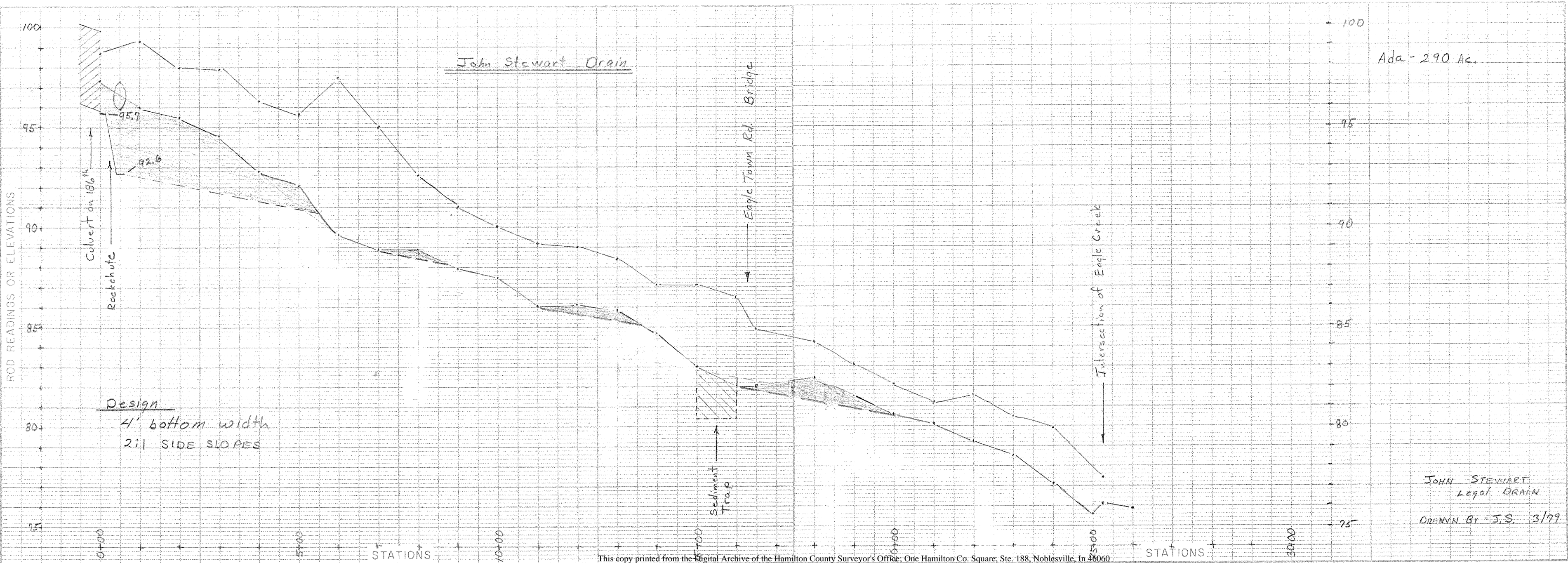
by \_\_\_\_\_  
 date \_\_\_\_\_

**ROCK LINED CHUTE**

STRUCTURE # 2 - IN CHANNEL  
 STA - 0100 J. Stewart

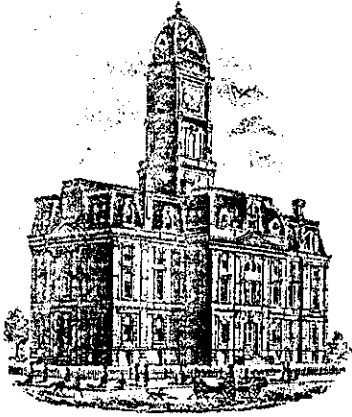
**U. S. DEPARTMENT OF AGRICULTURE  
 SOIL CONSERVATION SERVICE**

Designed: <u>J. South</u>	Date: <u>3/79</u>	Approved by: <u>Wayne C. Foy</u>
Drawn: _____		Title: <u>Area Engineer</u>
Traced: _____		Sheet: _____
Checked: <u>D. Wall</u>	Date: <u>4/79</u>	Drawing No. <u>IN-ENG-36 (1/7)</u>



S.L. - 34,762 - 2(2)

JOHN STEWART  
Legal DRAIN  
DRAWN BY - J.S. 3/99



SURVEYOR'S OFFICE  
**Hamilton County**

*Kenton C. Ward, Surveyor*

773-6110 Ext. 19

Noblesville, Ind. 46060 July 5, 197<sup>9</sup>

To: Marion Stackhouse  
R.R. #1  
Westfield, IN 46074

Re: John Stewart Drain

On July 2, 1979 the Hamilton County Drainage Board awarded a contract to Taylor Excavating for work on the John Stewart Drain. This work consists of placing a structure at the tile outlet, dredging portions of the open drain, digging a 100' sediment trap and clearing all trees smaller than 8". Trees which have been cleared will be piled for the owners to dispose of.

The starting date for the project is October 1, 1979 and the completion date is December 31, 1979. If the crops along the open drain can be harvested as soon as possible before or after the starting date crop damage can be avoided.

If you have any questions please contact my office.

Sincerely

Kenton C. Ward,  
Hamilton County Surveyor

KCW/jg