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Hardin and Logan County Line

Surveyors Office Jan 28th 1887

Return of Survey

To the Clerk of the Court of Common Pleas of Logan County O
and to the Clerk of the Court of Common Pleas of Hardin County O
We the undersigned surveyors of said Logan and Hardin Counties
O make the following return of the survey and location and
marking of the line between said Counties as the same was established
by Senate Bill N^o 339 of the Sixty Fifth General Assembly of Ohio
entitled "An act to establish the line between the Counties of
Hardin and Logan" and passed April 16 1883 and in
accordance with sections N^o 804, 805 and 807 of the Revised
Statutes of Ohio

For action of Joint Board of Commissioners
of Hardin and Logan Counties see Commissioners Record
under dates of Nov 13th and Nov 26th 1883 and also see same
for action of Joint Board of Commissioners of Auglaize
Hardin and Logan Counties under dates of Dec 28th 1883
Nov 10th 1884 Nov 25th 1884 and Jan 21st 1885 under order
dated June 12th 1830 issued by Logan County Commissioners
to James W Marmor Co Surveyor of Logan County the said
Marmor surveyed and established the line between Logan and Hardin
Counties for a distance of 22 miles west from the NE corner of
Logan County, said corner being also by him located and
established in this survey. This survey was completed in 1832 and
was afterwards known as the "Marmor Line". Under order of said Commis-
sioners dated Jan 19th 1837 Daniel Hopkins County Surveyor of Logan
County surveyed and established the north line of Logan County
westward from the west end of the Marmor Line to the northwest corner
of Logan County and also at same time as much of the west line of
Logan County as was included between the south east corner of Allen
County (afterwards corner to Auglaize and Shelby Counties) and the
north west corner of Logan County. A copy of the above named
orders and the returns of surveys made thereunder by Marmor and
Hopkins and also a copy of aforesaid Senate bill N^o 339 is herewith
attached and made a part of this return.

In addition to the above data
the undersigned surveyors had in their possession during this work
all the evidence maps plats and testimony collected and compiled and also
the printed Record in the case of "Abner Riddle et al vs Board of
Commissioners of Hardin Co et al" in which was much valuable
information in reference to the location and marking of the Marmor
line. A full and complete copy of all the field notes for all lines and
surveys made in connection with this work will be found in the Records
of County Surveyors Office as required by law and are omitted therefore
from this return. Pursuant to instructions from the Joint Board of
Auglaize Hardin and Logan Counties at meeting held at Kenton O
Dec 28 1883 County Surveyors Samuel Craig of Auglaize County
N H Colwell of Hardin County and Samuel A Buchanan of Logan Co

met on the 18th day of Feb 1884 at the NW corner of Logan County for the purpose of locating and establishing said corner, upon finding that this corner would fall somewhat within a cleared field and all corner trees marked by Hopkins and all evidence and marks in that immediate vicinity pertaining thereto wholly removed it was deemed best to begin at the corner of Auglaize and Shelby Counties in west line of Logan County. (Hopkins place of beginning) and produce the line northward to the NW corner of Logan County. Two serious errors in distances given by Hopkins were now discovered which made it impossible to locate the corner positively and definitely by his miles and bounds. at a distance of 295 chains a temporary post was taken and from this post a random line was run S 88° E 503 chains to the west side of the "round prairie" so called in Surveys 12276 and 12277. No Original marks were found on this line until at 238½ chains a hickory stump old and decaying was found which had been about 24 inches in diameter and proved to be the remains of one of the original line trees, and the only evidence left of the west end of the Marmor line at his 22 mile post. from this place to the round prairie many marked trees were found. all being marked the same way and in a practically straight line east and west. The Marmor line was originally marked in the timber by three hacks spaced from one foot to 18 inches apart cut in both the east and west sides of line trees. these marks were such made by a single right hand stroke and covered a space varying from 3 to 6 feet from the ground and were all made with the same heavy hatchet (Tomahawk) or light axe with a rounded bit which cut an incision about 3 inches in length. on account of water in round prairie and west lands immediately east of it work on the line was temporarily suspended. On September 8th 1884, Surveyors Craig Buchanan and Colwell met at the NE corner of Logan County and resumed work on the line. The course of the east line of the County was found to be S 2½° W and a boria stone monument planted several years before by the Surveyors of Union and Logan Counties for the Northeast corner of Logan County was found to be at the County corner as located by Marmor in 1830. From the NE corner of Logan County as above a random line was run N 87° 20' W (being at right angles by bearing to east line of County) 338½ chains to the west line of survey No 10239 several well marked trees were found on the Marmor line south of random line and at a constantly increasing distance from it. It was thought best by the Surveyors to start a Transit line, with required correction in courses, which beginning at the N. E. corner of Logan County would follow the marmor line throughout. All lines up to this time had been run by magnetic bearings, by a "railroad telescope compass" (Randolphs Lin O maker) which was comparatively new and in excellent working order. On Sept 11 1884 a transit line was started from the north east corner of Logan County on the course N. 87° 10' W and was continued to a distance of 2005 chains (a little more than 25 miles) to a post in center of public road and in the


range line between ranges N^o 7 and 8 and in the west line of section N^o 6 Town 6 Range 8 and at 3.97 chains north of the south west corner of said section 6 passing 28.74 chains north of the North west corner of Logan Co.

In running the above transit line it was discovered that local attraction existed throughout the first ten miles of its length such that a line run westward by magnetic bearings was constantly deflected south by which such line instead of being a straight line was an irregular curve somewhat resembling a parabola. During the remaining 15 miles local attraction was still indicated by southern deflections but greatly diminished in effect toward the west end, after the 7th mile no marks of Marmons line were found though careful examination was made of all timber within 20 poles on each side of transit line.

On Nov 19 1884 Surveyors Craig and Buchanan began on Marmon line at west side of round prairie and retraced said line westward to 22 mile post at old hickory stump finding the line well and plainly marked but none of Marmons marks could be found west of the 22 mile post as above and on Dec 3^d 1884 same Surveyors began at same place of beginning and traced the Marmon line eastward to post near the east line of Survey 14159 about 1 mile north of Belle Centre.

On January 3 1885 Surveyors Craig and Colwell began survey of Hardin and Auglaize Co line at Scioto River and located same southward to intersection of Marmon line at which point the corner between said Counties was established. From evidence so far collected as to location of Marmon line the Surveyors made a report to Joint Board of Commissioners of the three Counties at meeting at Newton Jan 21st 1885 and a line was proposed and recommended in said report which it was believed would practically follow and be identical to locating the Marmon line (A copy of said report is herewith appended. It was deemed advisable by all the Surveyors to run a second transit line from the N E corner of Logan County to the Auglaize and Hardin County Corner for the reason that the first transit line was after the fourth mile too far from the Marmon line to be available in the accurate setting of monuments along the line and on the 10th day of August 1885 Surveyors Buchanan as Transit man and Craig as Recorder began at the N E corner of Logan Co and run transit line N^o 2 on course N 87¹/₂ W struck the west line of Survey N^o 10239 at 338.83 chains and at 101¹/₃ links south of transit line N^o 1 being 1¹/₃ links south of the calculated distance, at this point an angle 43: 8.76" south was made and the line was then run west to the Auglaize and Hardin County line corner falling 13.9 links south of the corner it was found that transit line N^o 2 was parallel with and 13.9 links south of the required County line from the Auglaize and Hardin Co Corner to the west line of Survey N^o 9993

and when produced eastward to the free fike running north and south in survey 9997 fell 13.9 links south of point then made for county line. Between this point and the west line of survey 10239 an unexpected angle and previously unknown angle in the Marmor line required that an angle of $14' 16''$ south should be to south in the County line at fike and run from thence to point of angle in transit line $N^{\circ} 2$ at west line of Survey $N^{\circ} 10239$ and from thence the County line should follow transit line $N^{\circ} 2$ to the northeast corner of Logan County all three surveyors fully agreeing in the above it was decided to locate and mark the County line as follows, Beginning at the northeast corner of Logan County. Thence by transit line $N^{\circ} 2$ to West line of Survey $N^{\circ} 10239$ Thence deflecting south $29'$ (twenty nine minutes) a straight line to point on free fike in survey 9997. Thence deflecting south $14' 16''$ (fourteen minutes and sixteen seconds) a straight line to the Auglaize and Hardin Co Corner in Survey 12276. This line as just described follows faithfully the spirit of the statute in the matter and places the marked line trees on Marmor's line as nearly equal in number and distances on north and south sides of the County line as was considered possible to do and no near approximation to the Marmor line could be made unless the line be run from one marked tree to the next which would introduce a multitude of angles almost equal to the number of trees and was therefore not practical. About 50 of the marked ^{on Marmor's line} line trees were by us "blocked" and the age of the marks as indicated by the timber growth was found to average from 50 to 55 years. On the 3^d of Nov 1885 the survey of all farms and tracts of land divided by the County line to gather with such adjoining lands as was deemed necessary to survey in connection therewith was begun at the east end of the line. The contents of all lands surveyed have been carefully computed by latitude and departure and the areas thereof are faithfully and accurately represented by the plats and schedules thereof transmitted to Auditor's Office and copied in Surveyors County Record.

We marked the line from the N E corner of Logan County to the Auglaize and Hardin County Corner by placing therein beared stone (sand stone) monuments of the dimensions ordered by Joint Board of Commissioners being 6 inches square on top and $3\frac{1}{2}$ feet long and marked on top with the letter L on south and letter H on north and an arrow  pointing westward with County line at the following places to wit 1 at $9\frac{1}{2}$ feet east of centre of gravel on fike in survey 9960
 2 on West line Survey 9960
 3 " north line survey 9969
 4 at 25 feet west of centre of road in survey 12280
 5 on West line of survey 12280
 6 on east incorporation line of Ridgway
 7 near east side of east street in Ridgway

- 8 on west side Main Street near curb line Ridgway
 - 9 " " " West Street Ridgway
 - 10 " south side C R R & D Ry 50 feet from center of track
 - 11 at 25 feet east from center of road and west line Survey 10239
 - 12 " Corner Bokesenk and Rushcreek Townships
 - 13 near west line Survey 9978
 - 14 at angle in Co line and 11 feet west from center of gravel in
free pike in Survey 9977
 - 15 On south line of Survey 9993
 - 16 on west line " " "
 - 17 at 25 feet east of center pike in Survey 9992
 - 18 " west line Survey 9992
 - 19 " 25 feet east of center of Ellistown pike in Survey 9991
 - 20 on West line of Survey 9991
 - 21 " north line of Survey 10502
 - 22 " west line " " 13079 Township corner
 - 23 at 25 feet east of center pike in Survey 14032
 - 24 " West side D B & W Ry " "
 - 25 at 25 feet east of center of pike and west line of Survey 14032
 - 26 on north line of Survey 9989
 - 27 at west side Bell Center and Roundhead Pike
 - 28 on west line of Survey 14109
 - 29 on north line Survey 14288
 - 30 " east line Survey 13694
 - 31 " north line " "
 - 32 at line Windham and Harrod Survey ¹³³³⁴ 13341
 - 33 on west line Survey ¹³³³⁴ 13341
 - 34 " east side of pike in Survey 13403
 - 35 " west line of Survey 13403
 - 36 " south side Stamats road in Survey 13393
 - 37 " west line of Survey 13393
 - 38 At 25 feet east of Timberlake road in Survey 12277
 - 39 at corner Richland and Stokes Townships
 - 40 On west line of Survey 12277 north end round prairie
 - 41 at the corner of Auglaize and Hardin Counties
- We planted a Berea stone monument 5 feet long, dressed 12 inches square, with six inch wash each side at top, marked on the N E face Hardin on the NW face Auglaize & E face Logan and SW face 1885

We the undersigned do hereby certify that the foregoing is a true accurate and faithful return of the survey of the said County line between Hardin and Logan Counties in the State of Ohio

J A Buchanan County Surveyor of Logan Co O
N H Lowell " " " Hardin " "

350.4

(Senate Bill N^o 339)

Sec 1 Be it enacted by the General Assembly of the State of Ohio that the line run by James W Marmou in the year 1832 as the North line between the Counties of Hardin and Logan be and the same is hereby established as the line between said Counties

Sec 2 The Commissioners of said County of Hardin are hereby authorized to remit the penalties charged upon any lands in said County upon which the taxes have not been paid by reason of dispute as to the true location of said County line and to direct the Treasurer of said County to receive the tax on said lands without such penalties

Sec 3 The Commissioners of said County of Hardin are also authorized to pay out of the County Treasury of said County the costs in the case of Abner Riddle et al against the Board of Commissioners of Hardin Co et al now pending in the Supreme Court of Ohio including the printing of briefs but not exceeding in the aggregate One Hundred and twenty five dollars

Sec 4 The Commissioners of said Counties are hereby required to cause said line to be marked by permanent monuments

Sec 5 This act shall take effect and be in force from and after its passage

O J Hodgins Speaker House of Representatives
R G Richards President of the Senate

Passed April 16th 1883

Auditors Office Bellefontaine
Logan County June 12 1830

James W Marmou }
Surveyor of Logan Co }

Sir

You are hereby required to survey and establish the boundary line between the Counties of Union and Logan, commencing where said line crosses the Greenville Treaty line, thence to the N E corner of this County. You are also further required at the same time to survey and establish the boundary line between the Counties of Hardin and Logan. Commence said duty on the second Monday of July next and report at the December Session of the Commissioners next

By order of the Board
Respectfully yours
N J M Colloch

And ^{to}

In obedience to the requisitions of the above order to me directed I commenced on the 12 day of July 1830 (it being the second Monday of said month) to survey and establish the lines named in said order, beginning at the point on

the Greenville Treaty line where the line between the Counties of Logan and Union crosses it Thence North 6 miles passing the NW corner of Union County at $4\frac{3}{4}$ miles, to 4 beeches and 2 small sugar trees. Levi Phelps Surveyor of Union County was present during the time I was engaged in running this line to the corner of Union Co. Thence west crossing the road from Bellefontaine to Sandusky at 6 miles The road from Bellefontaine to Detroit at 9 miles the north fork of the Miami at $13\frac{1}{4}$ miles. The road from Roundhead Town at 15 miles. Twenty Two miles to 2 elms or beeches black ash and hickory

This survey will give the County 22 miles in length by $19\frac{1}{4}$ in width.

James W Marmor
Surveyor of Logan County

To the surveyor of Logan County

You are hereby required to proceed on the 5th Monday of January (Inst) to close the north and west lines of Logan County by continuing them in a direction in which they have been run until they intersect and make a plain corner, and make a return of your proceedings thereon according to law

By order of the County Commissioners
George Krouskop
Auditor L P O

Jan 19 1837

To the Clerk of the Court of Common Pleas within and for the County of Logan and State of Ohio

In obedience to the foregoing order of the County Commissioners I proceeded on the day therein named to ascertain and establish the northwest corner of said County, the Surveyor of Allen County being present. We proceeded together to make a survey as follows

Beginning at the western end of the north line of Logan County at the 22 mile tree as by a former survey made in 1830 Thence continued said line west two miles 72.50 chains crossing the east fork of Muchinippi at 1 mile 39.50 chains. Then beginning at the southeast corner of Allen Co. at an elm 16 inches in diameter N 9 W 29 links and a beech 20 inches diameter S 47 E 34 links distant, which corner may be found parallel with the north line of Shelby County and 58 poles west of the west line of Township 6 S of R 8 E Thence ran north three miles 78.75 links joining the north line run as above at a hickory 8 inches diameter N 16 W 5 links distant and a hickory 4 inches diameter S 10 E 18 links distant having crossed the western fork of the Muchinippi at 10 mile from the said corner of Allen

Also crossed the said range line at three miles, and making the corner of Logan County as aforesaid 18 chains east of said range line

The foregoing is a true return of survey made as aforesaid

Dan Hopkins

Co Sur L C O

Feb 7th 1837

Auditors Office Hardin County
Henton January 21st 1885

Pursuant to a call of the Engineers the Commissioners of Hardin, Logan and Anglaize Counties met in Joint Session at the Office of County Surveyor Colwell in Henton. Present John Harrod President of the Joint Board R. P. Lukens and J. M. Putnam Commissioners of Logan County. George Van Oss John A. West and John Reichelderfer Commissioners of Anglaize County. O. W. Runser William Neville and Philip Schindewolf Commissioners of Hardin County. N. H. Colwell Surveyor of Hardin County and George W. Rutledge Auditor of Hardin County and Clerk of the Joint Board

N. H. Colwell then submitted a report for the Engineers of the three Counties agreeing upon the boundary line between said Counties as follows, to wit

Surveyors Report of preliminary work of Hardin Logan and Anglaize County line

To the Joint Board
of Commissioners of
Hardin Logan and
Anglaize Counties

Gentlemen, in obedience to your order made on the 13th day of November 1883, we the undersigned Surveyors named therein proceeded to retrace the line between Hardin and Logan Counties as run by J. W. Marmon County Surveyor of Logan County in the year 1830 and the line between Anglaize and Logan Counties being in part the above line run by J. W. Marmon and in part the line run by Daniel Hopkins County Surveyor of Logan County in the year 1837 as follows, to wit commencing first (as preparatory work) at the south east corner of Anglaize County at a point about 58 rods west of the south east corner of section 25 Township 6 South Range 7 east as noted by Daniel Hopkins

No trace of original corner being visible we searched diligently from thence north along supposed line finding a few trees along the north end of said line supposed to be the original trees marked by Hopkins. Commencing also 295

chains north of said south east corner of section No 25 South Township 6 Range 7 East and running thence east along supposed line as pointed out by the oldest inhabitants and indicated by report of Hopkins. which report we all agree as being extremely vague and unreliable, to a point in the east line of Virginia Military No 12276 in Round prairie. finding no marks considered reliable west of a point near line between "Black Heins" and Elizabeth Dixon land Beech No 21

From here to round prairie several trees were found whose rings or growths plainly prove that 50 years have elapsed since they were marked

Being satisfied that we had discovered the original Marmor line, it was deemed advisable to start at the northeast corner of Logan County and run west on said line to a point above named

On the 8th day of November 1884, began at stone NE corner of Logan County and retraced Marmor's line West by marked trees four and one half miles

The foregoing surveys were made by magnetic bearings. It was now thought advisable to begin again at the NE corner of Logan County and run a transit line which should follow the Marmor line as above described To this end the necessary calculations from data obtained in above four and one half miles was made and the transit line started on a bearing of $N 87^{\circ} 10'$ West. Said Transit line was continued westward past the West line of Hardin County to a post in road on Range line between Ranges 7 and 8 near the NW corner of Logan County. By offsets made from the Transit line to the Marmor line and also to the Hopkins line we found that local attractions had deflected the needle in such manner as to change the direction of lines run by magnetic bearings from 1° to $1^{\circ} 4$ degrees south of their alignments as taken at the NE corner of Logan Co This work being done a plat of the same was made and submitted to the Joint Board of Commissioners on the 14th day of November 1884 at Kenton Ohio. At this meeting it was thought after a careful consideration of the matter by all the members of the Board very important that a more extensive search for old line trees and other evidence should be made between the termini of the above named compass lines. And now after a careful and extensive research and retracing of said old lines made at two different times and at repeated efforts, we the undersigned do agree and are satisfied that we have found a connected line of evidence which without doubt is the old Marmor line. A further effort was made to find some clue to the 22 mile tree as mentioned in the said Marmor Report and to retrace the line as run by Daniel Hopkins from this 22 mile tree westward in 1837 some evidence was found but not the above named mile tree which no doubt has entirely decayed

and now in conclusion of the whole matter we have compiled our evidence on the entire line from the north east to the north west corners of Logan County, have run the line south between Anylaize and Hardin Counties, marked the point of inter section of this and old line, made a plat of our work as far as thought expedient and herewith submit the same to your Honorable Body for a careful consideration

signed this 6th day of January 1885

Surveyors	}	J A Buchanan	Logan County
		Samuel Craig	Anylaize "
		N H Colwell	Hardin "

By motion of Will W Neville of Hardin County seconded by R. P. Lukens of Logan County the Report of the Engineers was unanimously adopted. By motion of R P Lukens, N H Colwell surveyor of Hardin County was instructed to furnish duplicate plats for filing in Logan and Anylaize Counties. By motion of George Van Os of Anylaize County the Engineers were ordered to design and plant a suitable corner stone at the junction of the lines between Hardin Anylaize and Logan Counties, at the Joint expense of the three Counties and that four stone monuments be placed along the line between Hardin and Anylaize Counties similar to those adopted to designate the line between Hardin and Logan Counties and that the expense of those four monuments be shared alike by Hardin and Anylaize Counties. By motion of Chas W Runser of Hardin Co the Engineers were ordered to procure necessary assistance and superintend the planting of all monuments.

There being no further business before the Joint Board thereupon adjournment was ordered until the call of the Auditor of Hardin Co

John Harrod Pres Joint Board

Allist

H W Rutledge

Aud^r H Co

& Clerk Jt Bd

Auditors Office Hardin Co O

Keaton O Feb 3^d 1887

I hereby certify that the foregoing is an exact and true copy of the Engineers Report and proceedings of the Joint Board as stated therein as recorded in Hardin County Commissioners Journal C on pages 213, 214 and 215

George W Rutledge
Auditor of Hardin Co O
and Clerk of Joint Board

Hardin and Logan County Line

Time account of Surveyor and assistants who were paid in
Hardin County 1884-1885-1886-1887

Cost of locating and establishing County line as paid
by Hardin Co in 1884-5-6 & 7

		#		
1884	N H Colwell Surv & testified acct			
August	To collecting records and maps 12 days	6000		
Sept	" Field work and making maps 20 1/2 days	10250		
Oct	" Field work 5 3/4 "	2875		
Nov	" Field work and meeting with Commissioners 5 1/2 days	2750		
Dec	" Office and field work	1625		
	Total to Dec 12	<u>23500</u>		
Dec 12	Recd payment in full to date			23500
Dec 19 1885	To Office work and trip to Bellefontaine 2 days	1000		
Jan	" Field work and office work 9 days	4500		
Feb	" Office work 1 day	500		
	Total to May 7 1885	<u>6000</u>		
May 7	Recd payment in full to date			6000
July	To meeting at Kenton with S A Buchanan 1 day	500		
Aug	" Field and office work 5 1/2 days	2750		
Sept	" Office work 1/2 day	250		
Oct	" " " in Bellefontaine 1 day	500		
Nov	" " and field work 5 days	2500		
Dec 1886	" Office work 2 days	1000		
Jan	" getting field notes for S A Buchanan 1	500		
Feb	" Office work 4 days	2000		
	Total to Feb 22, 1886	<u>10000</u>		
Feb 22	Recd payment to date in full			10000
Mar 12	To Bellefontaine 1 day	500		
June 17	" " with Commissioners 1 day	500		
July	" " and field work 8 days	4000		
Aug 2	" work on Duplicate 1 day	500		
Oct 27	" Bellefontaine 1 day	500		
Nov	" field and office work 2 1/2	1250		
1887	" Office work 5 days	2500		
Jan	" " " 14 "	7500		
Jan 28	" meeting with Joint Board (final report)	500		
	Total to Jan 28 1887	<u>17750</u>	17750	
	Total acct for 1884:1885-1886 & 1887		<u>57250</u>	
Jan 28	Total amt unpaid to date	17750		

Time account of assistants paid in Hardin County
 Surveyors account brought over

\$56750

Year	Month	Name	Days	Amount	Total	
1884	Feb	To Chas Powers	6 days	\$ 1200		
"	"	" A Ahlfield	" "	1200		
"	Sept	" E C McConnell	14 "	2800		
"	"	" Chas Powers	16 "	3200		
"	"	" H Criswell	16 "	3200		
"	"	" Samuel Stewart	11 "	2200		
"	"	" Chas McCall	1 "	200		
"	"	" Marshall Stewart	5 "	1000		
"	Oct	" E C McConnell	4 "	800		
"	"	" Chas Powers	7 "	1400		
"	"	" H Criswell	4 "	800		
"	"	" Mar Stewart	4 "	800		
"	"	" William Douglas	7 "	1400		
"	Nov	" E C McConnell	7 "	1400		
"	Dec	" " " "	5 "	1000		
"	1885	Jan	" William Douglas	7 "	1400	
"	"	" James Nealand	7 "	1400		
"	Aug	" L G Powers	12 "	2400		
"	"	" H Criswell	12 "	2400		
"	"	" Mar Stewart	13 "	2600		
"	Sept	" Chas Powers	7 "	1400		
"	"	" H Criswell	7 "	1400		
"	July 1886	" H Criswell	4 "	800		
"	July 1886	" L C Cottrell	3 "	600		
"	"	" John Printz	3 "	600		
"	Oct	" J L Wondus C. E. Maps	20 "	4000		
"	Nov	" Same	6 "	1200		
"	"	" H Criswell asst field	1 "	200		
Total for 1884-5-6-7				42900	42900	
Total acct paid in Hardin County					99650	

Voucher No. Month Day

Statement of money paid on Logan and Hardin Co
 Fine by Logan County in the years 1884-5-6-7
 1884

1	2	14	J A Buchanan (see itemized bill)		68 25
2	2	28	Co Marquis Chainman	6 days @ \$2.00	12
2	2	28	E H Buchanan Flag	" " " "	12
2	2	28	Cliff Cookston "	" " " "	12
2	2	28	Chas C Cookston Assman	" " " "	12
2	2	28	J A Buchanan (see itemized bill)		30
3	3	9	Sam Dow Assman	" " " "	12
"	"	"	Chas H Buchanan Flag	16 " " "	32
"	"	"	John Gregg Assman	8 " " "	16
"	"	"	B L Pugh "	9 " " "	18
4	9	30	Chas C Cookston	16 " " "	32
5	11	24	William Sweitzer Chain Carrier	4 " " "	8
6	12	16	Same " "	5 " " "	10
7	12	17	Chas C Cookston Assman	4 " " "	8
8	12	17	Chas H Buchanan Flag	4 " " "	8
9	12	18	Milton Patrick Assman	3 1/2 " " "	7
10	12	18	Ed Patrick "	1 1/2 " " "	3
12	5		Cautwell & Stilwell stone monuments		50
Amount paid in 1884					350 25

1885

11	3	5	J A Buchanan Eng (see itemized account)		146 70
12	3	5	Ed Patrick Assman 8 1/2 hrs @ \$1.50		12 50
13	3	5	Milton Patrick " 1 1/2 days " "		2 00
14	8	20	James & Andrew Neiland Axmen 12 days @ \$2.00		24 00
14	8	20	E H Buchanan Flagman	6 " " "	12
15	8	24	G H Frey Commissary	5 " " "	10
16	8	31	Chas H Buchanan Flag	8 " " "	16
17	9	9	Daniel McCoy assistant	14 " " "	28
18	9	15	James Neiland Assman	8 " " "	16
19	9	15	Andrew Neiland "	8 " " "	16
20	9	18	J A Buchanan Eng (see itemized bill)		81
21	11	9	C D Nelson Chainman	3 days @ 2.00	6
22	11	9	Shelby White "	2 1/2 " " 1.50	3 75
"	"	"	L. C. Cotterill Assman	1 1/2 " " "	2 25
"	"	"	Robt Hendrickson "	" " " "	2 25
23	11	16	C D Nelson Chainman	5 " " 2.00	10
24	11	17	L C Cotterill Assman	4 1/2 " " 1.50	6 75
"	"	"	Robt Hendrickson "	" " " "	6 75
"	"	"	Shelby White Chainman	" " " "	6 75
25	11	23	Same " "	4 " " "	6
"	"	23	L C Cotterill Assman	3 1/2 " " "	5 25
"	"	"	Robt Hendrickson	4 " " "	6
26	11	24	C D Nelson Chainman	5 " " 2.00	10
9	15		Cautwell & Stilwell, stone monuments		10
Amt paid in 1885					434 70

784 95

Statement of money paid on Logan and Hardin Co lines
by Logan Co continued
1886

Month	Day	Description	Rate	Amount	Total
					\$784.95
7	1	L C Cottrell Assman 5 days @ \$1.50	\$1.50	7.50	
"	"	George Crawford " 1 " " "		1.50	
8	1	Moses Berger Chain carrier 6 days @ \$1.50	\$1.50	9.00	
9	1	C D Nelson " " " " " 7.00	7.00	17	
10	1	L C Cottrell Assman 5.83 hrs " 1.50	1.50	8.75	
1	1	Moses Berger Ch carrier " " "		8.75	
2	1	Al Rogers Assman " " "		6	
3	1	C D Nelson Ch carrier 4 1/2 " 7.00	7.00	9	
4	2	Al Rogers Assman 4 " 1.50	1.50	6	
"	"	H Rutledge " 3 " "		4.50	
5	2	C D Nelson Ch carrier 5 " 7.00	7.00	10	
6	2	Same " 3 3/4 " "		7.50	
7	2	Moses Berger " 5 1/2 " "		11	
8	2	Same " 6 " "		17	
19	3	John J Irwin Assman 3 1/2 " 1.50	1.50	6.25	
"	"	Fred Smith " 3 1/2 " 1.50	1.50	6.25	
20	7	John Haggarty Teamster		15.60	
21	7	Moses Berger Ch carrier " " 7.00	7.00	8	
22	7	Pautwell & Stilwell Monuments		2	
23	9	J A Buchanan (see itemized bill)		2.89	
		E L Barrett & Son Stationery		14.50	
		Amount paid		453.10	453.10
		1887			
24	1	J A Buchanan (see bill)		128.00	
25	1	W H Mc Cormick Office work		10.00	
		Amount paid		138.00	138.00
		Due J A Buchanan Jan 28 1887		62.75	
		" EMM Loughlin Office work Jan 28 1887		2.50	
				65.25	65.25
		Total			1441.30

Recapitulation of Money paid by Logan County on Logan and Hardin County Line

Years

1884

350 25

1885

434 70

1886

453 10

1887

To Jan 8th

138

1376 05

Due and unpaid to S A Buchanan

Jan 28 1887 (see bill)

62 75

Due and unpaid to G M M Laughlin Jan 28 1887

2 50

65 25 1441 30

Engineers Itemized Bill
For J A Buchanan Es Surveyor Logan Co O

Preliminary Records	6825	
Field Notes for farms and Original Surveys	7250	
Field Work 90 days @ \$5.00	450	
Computing lands and making plats and schedules.	181	
Making Report	25	
Meeting Joint Board settlement	5	
	<u>80175</u>	
Cash paid incidental expenses	320	
" " help	75	
	<u>395</u>	80570

Balance Sheet

Hardin and Logan Counties
In account with County Line Survey

	Dr	Cr
To Total Cost of Survey	244780	
By Amount paid by Logan County		137605
" " " " Hardin "		82400
" " " " balance due & unpaid		24275
	<u>244780</u>	<u>244780</u>

To balance due and unpaid 24275

Hardin County

To 1/2 Total cost of Survey	122140	
By amount paid N H Colwell & J E Wonders		51600
" " " Assistants		309
" " " Due N H Colwell		17750
" " " " Logan Co on final settlement		21990
	<u>122140</u>	<u>122140</u>

To balance due Logan Co 21990

Logan County

To 1/2 Total Cost of Survey	122140	
By amount paid J A Buchanan		73900
" " " Assistants		63705
" " " Due J A Buchanan		6275
" " " " M W Laughlin		250
" " " " Due from Hardin Co on final settlement	21990	
	<u>144130</u>	<u>144130</u>

By balance due from Hardin Co 21990

Auditors Office Logan County
Bellefontaine January 28th 1887
The foregoing statement of account is hereby
approved and affirmed

Ph Schindewolf }
L W Runser } Commissioners of Hardin Co O
W F Pierce }

R P Lukens }
J M Pulnam } " " Logan " "

Bellefontaine O. Dec. 5th 1898.

To whom it may concern:

Greeting:

This is to certify that I, Wilbur A. Ginn, duly elected, qualified and acting County Surveyor and Engineer in and for the County of Logan and State of Ohio, do this day and date hereby as an official act appoint Clarence A. Miller as a Deputy County Surveyor and Engineer to do and act in accordance with law pertaining to the County Surveyor's and Engineer's office and in all matters pertaining to Surveys, plats, assessments, bridges, ditches, roads, turnpikes and all other official acts pertaining to the office of County Surveyor and Engineer and have this day administered oath and taken a good and sufficient bond from the said Clarence A. Miller and have recorded the same in my official record and caused the original to be filed with James M. Ebrite, Treasurer, of Logan County, Ohio.

Signed

Wilbur A. Ginn

County Surveyor and Engineer
of Logan County, Ohio.

Bellefontaine O. Dec. 5th 1898.

Know all men by these presents, That we Clarence A. Miller as principal and J. E. Morris, Robert Miller, W. H. Phum and S. K. Miller as sureties, are held and firmly bound unto the State of Ohio, for the use of Logan County and Wilbur A. Ginn, County Surveyor, in the penal sum of Two Thousand (\$2000.00) Dollars to the payment of which well and truly to be made we hereby jointly and severally bind ourselves our heirs, executors and administrators, jointly by these presents. The consideration of this obligation is such that, whereas the said Clarence A. Miller was on the 5th day of December A.D. 1898 appointed by Wilbur A. Ginn County Surveyor and Engineer in and for Logan County Ohio to act as Deputy County Surveyor and Engineer, to do and perform all and singular the acts and duties required by law pertaining to surveys, roads, turnpikes, ditches and so forth.

Now if the said Clarence A. Miller shall well and truly perform all and singular his duties as such Deputy County Surveyor and Engineer, according to law relating to and governing the requirements as specified under the sections of Ohio Law for County Surveyors and under the law pertaining to Roads, and to turnpikes and to County Ditches, then these presents to be void, otherwise to be and remain in full force.

In testimony whereof, we have hereunto set our hands this
the 5th day of December A. D. 1898.

Clarence A. Miller.

J. E. Morris.

Robert Miller.

W. N. Phum.

S. H. Miller.

County Surveyors Office.

Logan County.

Bellefontaine Ohio. Dec. 5th A. D. 1898.

The above bond is approved and the sureties thereof.

Willbur S. Ginn

Surveyor of Logan County O.

County Surveyors Certificate.

December 5th 1898.

I have inspected the within bond and do hereby certify
that the same is sufficient and is hereby approved by
me.

Willbur S. Ginn

County Surveyor of Logan County Ohio.

Oath.

The State of Ohio,
Logan County ss.

Before me Probate Judge within
and for the County aforesaid, personally appeared
Clarence A. Miller, and made solemn oath that he
will support the Constitution of the United States and the
Constitution of the State of Ohio and that he will faith-
fully discharge the duties of his office. Deputy County Surveyor
of Logan County Ohio. Deputy County Surveyor

Signed Clarence A. Miller.

Sworn to and subscribed before me this 7th day
of December A. D. 1898.

J. D. McLaughlin, Probate Judge.

Commissioners of
Logan County Ohio

J. H. Elder,
J. Easton
John Brown.

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