

GPS	30	Sec. shots (Mason Cor.)	LAZ.
LA2-13-101	(M-13)	SEE PNT 1 ON PG 12	
LA2-13-102	(M-12)	SEE PNT 2	
LA2-13-103	(A-12)	SEE PNT 3	
LA2-13-104	(M-11)	SEE PNT 4	
LA2-13-20	(A-11)	SEE PNT 5	
LA2-13-21	(L-13 AND 1/2" B+C CONC. MON)	UNRECOVERABLE	

DLC
SMN

T T R M B L E

7750

12 June 07

14

M-12

LA 2

FOUND CONCRETE Monument with 1/2" Box
AND CAP 18998 in Monument Box on
Centerline College on South Side
Michigan STATE Farm Lane To West
Accepted Monument as Perpetuation
of Corner As Monumented by
R. Lester in 1900 Copied from 1904
Ingham Co. PA 345 CAP. Measured
South 2640.13 to M-13. Measured North
2639.62 to M-11. Measured West 2640.72
To L-12

C. CONCRETE Monument with Ingham Co. PA 345
CAP 25837 in Mon. Box

100'	ING. CO. REMON	TAB. IN	W. SIDE	MR. 51°0'E	138.83
100'	SW COR	SW LEG	TRANSMISSION TOWER N60°E		57.79
100'	NW	EOR. NW	LEG TRANSMISSION TOWER N49°E		61.17
100'	ING. CO. REMON	TAB. IN	W. SIDE	MR. 51°0'E	157.31
A-12	3/4" X 24" Box & PA 345 CAP. (in box) South				3.24

DL

SUN

14

12 June 07

A-12 TAN RIM
FOUND CONCRETE Monument with 1/2" Box
3/4" South of wire TANKED. Monument on
Line 0.4 West of STANDARDS Line. Accepted
Monument As Corner As Perpetuated
By R. LESTER, STANDARDS Remon Box &
PA 345 CAP 0.37' East of Monument
on STANDARDS Line. Corner known
Centerline College Road on South
Side Michigan STATE Farm Lane To
East. Measured North 2634.98 to A-11.
Measured South 2636.90 to A-13.

C 3/4" X 24" STEEL Box AND Ingham Co. PA 345
CAP 25837 in Mon. Box

Stand W. T.	51°0'E	135.72'
	N58°E	59.73'
	N47°E	69.57'
	N11°E	160.54'
M-12 Corn. Mon. & PA 345 CAP. (in box) North		3.24'

M-11

Found Concrete Monument with $\frac{1}{2}$ " Bar
 18998 in Monument Box 2.5' East
 of Centerline College Road on North
 Edge of Michigan State Farm Lane
 To West. Accepted Found Monument
 as Perpetuation of Corner
 and capped it with Ingham Co. P3345
 Cap. Measured North 263.92° to M-10.
 Measured South 263.92° to M-12.
 Measured West 264.52° to L-11

C. CONCRETE MONUMENT WITH INGHAM CO

PA 345 CAP 25837

100' INGHAM CO. REMON TAG IN NW SIDE U.P. N49°E 39.20'
 100' INGHAM CO. REMON TAG IN W. SIDE WOOD RICHARD 337°E
 100' INGHAM CO. REMON TAG IN NE SIDE U.P. N47°W 33.76'
 100' INGHAM CO. REMON TAG IN NE SIDE U.P. N47°W 33.88'
 34" x 24" Bar with Ingham Co. P3345 Cap) In
 Mon. Box (M-11 T4N R1W) South 7.86'

12 June 07

A-11

Found Concrete Monument with $\frac{1}{2}$ "
 Bar in Monument Box 2.5' East
 of Centerline College Road on
 North Edge Bennett Road To East
 Accepted Found Monument as
 Corner as perpetuated by Plattee
 Set Standard Bar of Cap 0.2' West
 on Standard Line. Raised Mon. Box
 to Surface, Measured North 264.071°
 to A-10. Measured South 264.071° to A-12

C. 34" x 24" STEEL BAR + INGHAM CO. P3345

CAP 25837

SAME WITHNESSES

144°E 44.776'
 543°E 47.78'
 550°W 67.70'
 139°W 41.581'
 Cond. Mon. with P3345 Ingham Co. Cap in Mon.
 Box (M-11 T4N R2W) North 7.86'

16

L-11

Found 1" Pipe & Cap 15' East of Pasture Fence North & South on Corner Line Michigan State Farm Lane Eased West. Traversed to Corner and Found the corner was in a good location approximately to Dikes 1879 Survey in Sec. 36 But Did Not Match Distance North to Corner of Sec. 25 from Dikes. 1879 Survey in Sec. 25. Could Not Explain Discrepancy. Concluded that corner was in the Best Location Based on Historical Evidence. Accepted Found Monumentation as perpetuation of Corner and capped Pipe when Ingham Co. PR345 Cap. <

C. 1" Pipe with INGHAM Co. PR345 Cap. 25337
Found NKT 28914 S. S. d. Fence Post 39.21'
" " " " " 33.15'
" " 18998 N. S. d. " " 575°E 146.20
MALE Ingham Co. Top NW S. d. " " 530°W 4040
MEASURED NORTH 2660.17 to L-10. MEASURED SOUTH 2688.26 To L-12. MEASURED 2645.33 East To K-11. MEASURED 2645.21 West To M-11

12 June 07

L-13

Found Boat Spike in Monument Box 9.25' East of L-1 Ditch. This Boat Spike Fell 1911 East of Half way and on Lane Robinson and did NOT Agree with 6209 Dike or Locater Position of Corner. Searched 19' West of Boat Spike and Found Concrete Monument with 1/2" Cap 18998 in Monument Box under 611 of Aspholt. Accepted this Monument as perpetuation of Corner and capped Monument with Ingham Co. PR345 Aluminum Cap. Set Monument Box. MEASURED East 2640.54 To M-13 MEASURED West 2640.94 To L-13. MEASURED North 2639.62 To L-12

C. Conc. Mon. with Ingham Co. PR345 Cap 25337
L-1 (Conc. Mon. with 1/2" Cap 18998) 433
N+ ING. CO. REMON TAG NW S. d. U. R. 5105 N54.30°E 53.13'
NW COR (As Top) 12" Square Conc. Post 159.463 3091'
N+ ING. CO. REMON TAG NW S. d. U. R. 530°W 530.00
N+ ING. CO. REMON TAG NW S. d. U. R. 2645.21 3478'

SM COE CONC. BLOCK BLDG. 8' 33.50W 47.49'
N+ ING. CO REMON TAG E Side U. R. 324.45-40 62.74'
Boat Spike in Mon Box L-13 As Recorded EAST 19.14'

17

L-12

SEARCHED AT INTERSECTION $\frac{1}{4}$ LINES
AND FOUND NO EVIDENCE OF CORNER
SET STANDARD BAR & CAP OR
INTERSECTION $\frac{1}{4}$ LINES 12' SOUTH OF
CENTERLINE MICHIGAN STATE FARM
LRALE. MEASURED NORTH 2639.82' TO L-11.
MEASURED SOUTH 2639.82' TO L-13.
MEASURED EAST 2640.72' TO M-12.
MEASURED WEST 2622.01' TO M-12.

C. $\frac{3}{4}$ " x 24" STEEL BAR and TONGUE CO. PA
345 CAP 25837

NW COR	NW TOWER LEG	N 82° E	319.56'
SW COR	SW TOWER LEG	N 85° E	312.63'
NAIL + ING. CO. REMON TAG W. SIDE		U.P.	N 10° W 159.59'
NE COR NE TOWER LEG		N 79° W	249.62'
SW COR SW TOWER LEG		N 93° W	247.44'

12 June 07

18

M-9

Found 1/2" Bar 18" Deep
a. Containing 1/2" Bar 18" Deep
Fence Line To North Marching
Witnesses

Did Not Excavate Because of
Hazardous Conditions and Changes
of Finding Historical Evidence Are
Negligible Accepted Found

Monumentation As Best Available
Evidence And Raised Monument
To Surface With 3/4" Diameter Pipe
And Ingham County PA 345 Aluminum

C 3/4" Pipe over 1/2" Bar With Ingham County
PA 345 Alum. Cap Strapped 25857 in Place Box

N-T 18998 W Side U.P. N 40° W 53.44

S. FACE 3" STEEL FINE PACT N 40° W 66.21

N-T 18998 S. FACE U.P. N 72° W 171.27

Set MAG NAIL / IN 6.0. TAG S. FACE U.P. N 82° E 354.96

W 1/2" COB. CONC. OUTLET STRUCTURE N 53° E 114.90

3/4" Pipe With PA 345 Alum. Cap in Place
(A 4 T 4 S RWS) South 6.02

OLC
SWD

7. NIK/REC

02-27-07

A 1/2" Bar 18" Deep in Monument
Box MATKING WITNESS
Did Not Excavate Because of EXTREMELY
Hazardous Conditions and Changes of
Finding Historical Evidence Are Negligible

Accepted Found Monumentation As Best
Best AVAILABLE EVIDENCE of CORNER
AND RAISED TO WITHIN 5" of SURFACE WITH
3/4" Pipe & PA 345 Cap Set Monument and SMO Line

3/4" Pipe over 1/2" Bar With Ingham County
PA 345 Aluminum Cap Strapped 25857

N 40° W 53.44

N 50° W 72.21

N 70° W 173.16

N 81° E 355.98

N 50° E 118.74

3/4" Pipe With PA 345 Alum. Cap in Place
(A 4 T 4 S RWS) South 6.02

19

L-9

LA 2

X

1

BS Next

B. Found 1 1/4" Box in Monument Box

on Centerline Mt. Hope and on

Centerline South Road Harrison

Parting Lester Witnesses, Did

Not Excavate Because Chances of

Finding Historical Evidence Are

Negligible. Accepted Found Monument-

Found As Best Alternative Evidence

of Corner Location, Stamped 25837

in Top of Box.

0.1 1/4" Box Stamped 25837 in Monument Box

10A

N-T 1899 S. FACE U.P.

100 N-T 1899 S. FACE U.P.

101 N-T 1899 S. FACE U.P.

102 N-T 1899 S. FACE U.P.

SW COR. CATCH BASIN

N 67° E

N 29° W

S 49° W

S 61° E

88.31'

108.21'

65.66"

66.76"

88.31'

DL

SWN

27 Sep 07

19

L-10

Found 1/2" Box & Unreadable Cap. In 1/4"

Diameter Monument Box. Thickness of

Section 25 Proved Corner to be in Same

Position As R. Lester Had Recorded in

in 1979. Accepted Found Monument

As Representation of Corner and Cap

it with Ingham P4345 Alum. Cap.

C 1/2" Box & Ingham County P4345 Cap

Stamped 25837

SW FACE STEEL TWC. POST

S. FACE STEEL TWC. POST AT GROUND

SE FACE STEEL TWC. POST AT GROUND

N-T 1899 W. FACE U.P.

SOUTH

N 67° E

N 29° W

S 49° W

S 61° E

88.31'

108.21'

65.66"

66.76"

88.31'

20

M-10

14-2

Found

1/2" Bar in Conc. Monument

VH-7

VH-7

Cap 18993

in Monument Box

VH-7

Center Line

Forest Road East

VH-7

on Center Line

College Road To South

VH-7

Accepted Found

Monument from AS

VH-7

Best Available

Evidence of

VH-7

Corner Location

Because of Exam

VH-7

from Per Found

in 1978, Capped

VH-7

Monument with

PA345 Aluminum

VH-7

Cap.

VH-7

VH-7

Cap.

VH-7

VH-7

Cap.

VH-7

VH-7

Cap.

VH-7

VH-7

Cap.

VH-7

VH-7

Cap.

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Cap.

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VH-7

Cap.

VH-7

VH-7

Cap.

VH-7

VH-7

Cap.

VH-7

VH-7

BLC

SUN

27 SEP 07

20

N

G

BS

4

Total

PNT

52

(A-10)

SET

3.44

BAR

+ REMAIN

A-10

Found

1/2"

Bar

in Conc.

Monument

VH-7

VH-7

VH-7

VH-7

VH-7

VH-7

VH-7

VH-7

VH-7

VH-7

VH-7

VH-7

VH-7

VH-7

VH-7

20

27 SEP 07

N

G

BS

4

Total

PNT

52

(A-10)

SET

3.44

BAR

+ REMAIN

A-10

Found

1/2"

Bar

in Conc.

Monument

VH-7

VH-7

VH-7

VH-7

VH-7

VH-7

VH-7

VH-7

VH-7

VH-7

VH-7

VH-7

VH-7

VH-7

VH-7

21				LA 2
E 6	TH/BLU			
T	LA2-21-37 (MOC)			
PS	76			
PS	76 / 76-6		85 0 00.00.00	
X RT	148-40-12	129.31'		
B. DRAW	THELEN PS		51 1034	
TOOK TRAVERSE TIES	AND PLACED STAKE	of Capital Construction		
PLANE COORDINATES ON	CORNER IN			
MAY 2007 BEFORE	IRON AND MONUMENT			
BOX THAT THIS SURVEYOR	HAD SET IN			
1986 WAS REMOVED	DURING RECONSTRUCTION			
TION OF MICHIGAN AVE. - WASHINGTON AVE				
INTERCHANGE. THELEN PROVIDED THESE				
COORDINATES AND TRAVERSE POINTS TO				
ENGINE SURVEYING AFTER CONSTRUCTION ENDED.				
WE SET CORNER FROM SPOD TRAVERSE TIES				
AND CHECKED TO REMAINING WITNESSES FROM				
LCRC'S REPORTED IN LIBER 3 Pgs 54 & 55				
6 PAGE 54. THESE WITNESSES CHECKED VERY CLOSELY				
AND REVEALED THAT REPORT WAS NEARLY 1/2" OFF				
C. 3/4" X 4" Box 3 Pgs 44 & 45	Alum. Cap in	PLANT		
SE COR	MARBLE FDN CONCRETE PILE	N 1° E	57.50'	
NE COR	BRICK FDN MICHIGAN AVE	SOUTH	56.79'	
TOP C/L	HYD SE GRID INT.	S 62° 0' E	108.60'	
NW COR	CONCRETE "TRAPPO"	S 63° E	127.81'	
1033 SW COR	CONC. FDN "NATIONAL CITY"	BUDG N 52° 0' E	TH 18'	