

OFFICE OF THE GRATIOT COUNTY DRAIN COMMISSIONER



Bernard J. Barnes

904 E. Center St., Ithaca, MI 48847

Phone: (989) 875-5207

Email: bbarnes@gratiotmi.com

July 17, 2023

RE: Drain #104

Dear Property Owner in the #104 Drainage District:

In an effort to provide maintenance on Drain #104, this office has contracted R.L. Laurenz, Inc to provide herbicide treatment to Drain #104. The attached map that is highlighted is where we intend to spray the brush. This will be completed this year to help reduce future maintenance costs. If there is a spot that you feel needs to be sprayed and isn't highlighted on our map, please call our office to get it added.

The method being employed is termed low-volume foliar spray. In most cases they will be traversing the Drain banks spraying from backpacks, pickups, ATVs, and tractors. Where we are spraying for brush and trees, they will be using a mixture of Garlon 3A, Vista & Habitat. Where only cattails are the target or where both cattails and brush are to be sprayed, the herbicide used will be Aquanet & Habitat mixture.

Material Safety Data Sheets are available from this office upon request. For general questions regarding where we will spray, for what species, why, etc., please contact Jennie at the Drain Office at (989) 875-5207 or the contractor completing the work, Rusty Laurenz at (989) 444-8382.

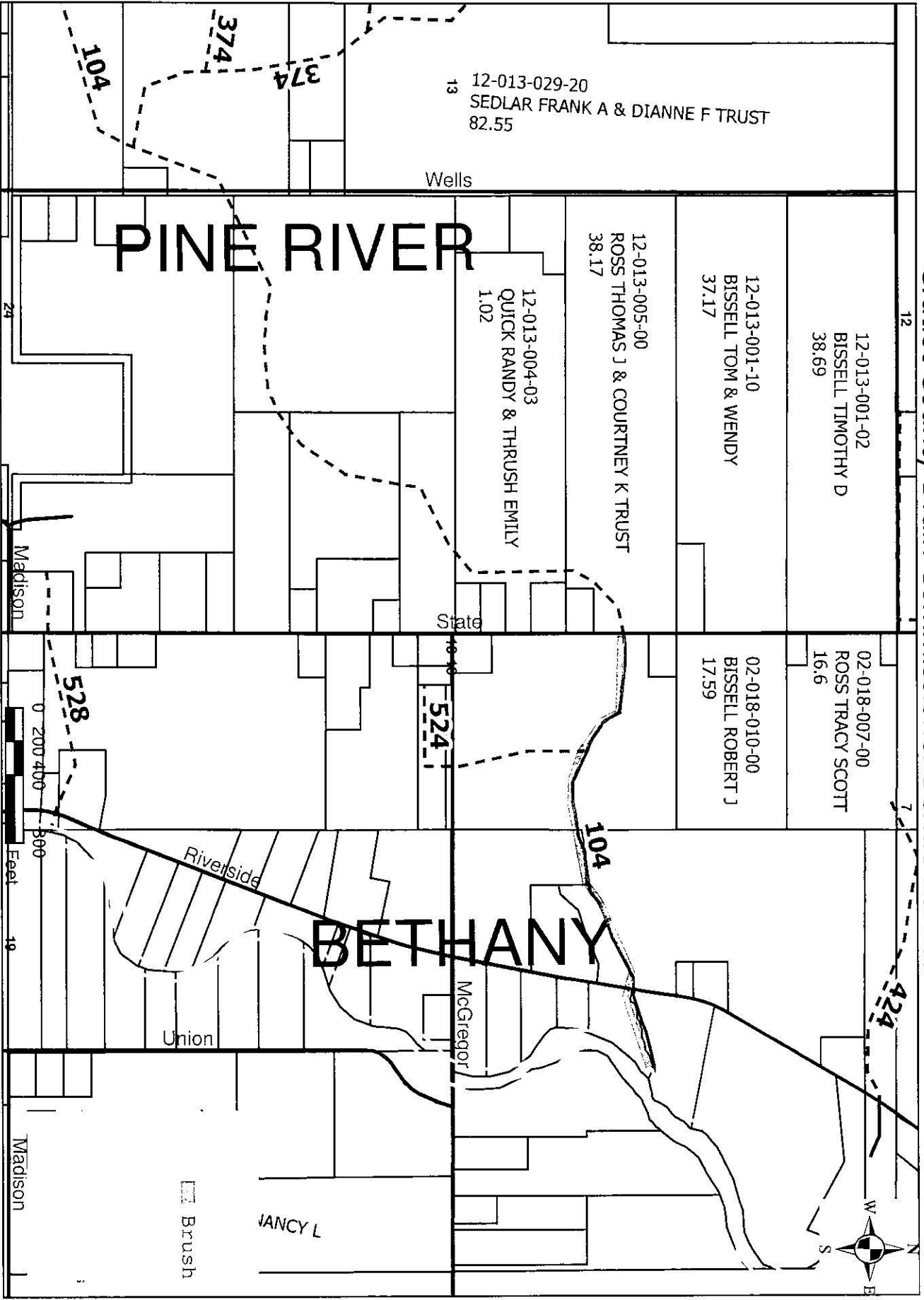
Please keep in mind all gates and chains that cross the Right-of-Way must be unlocked to allow access for spraying and maintenance.

Sincerely,

A handwritten signature in black ink, appearing to read 'Bernard J. Barnes', with a long horizontal stroke extending to the right.

Bernard J Barnes
Gratiot County Drain Commissioner

Gratiot County Drain Commissioner Bernie Barnes



13 12-013-029-20
SEDLAR FRANK A & DIANNE F TRUST
82.55

Wells

PINE RIVER

12-013-001-02
BISSELL TIMOTHY D
38.69

12-013-001-10
BISSELL TOM & WENDY
37.17

12-013-005-00
ROSS THOMAS J & COURTNEY K TRUST
38.17

12-013-004-03
QUICK RANDY & THRUSH EMILY
1.02

02-018-007-00
ROSS TRACY SCOTT
16.6

02-018-010-00
BISSELL ROBERT J
17.59

State

524

528

BETHANY

104

Riverside

McGregor

Union

Brush

BETHANY L

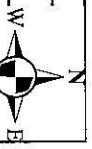
24

Madison

0 200 400 800
Feet

19

Madison

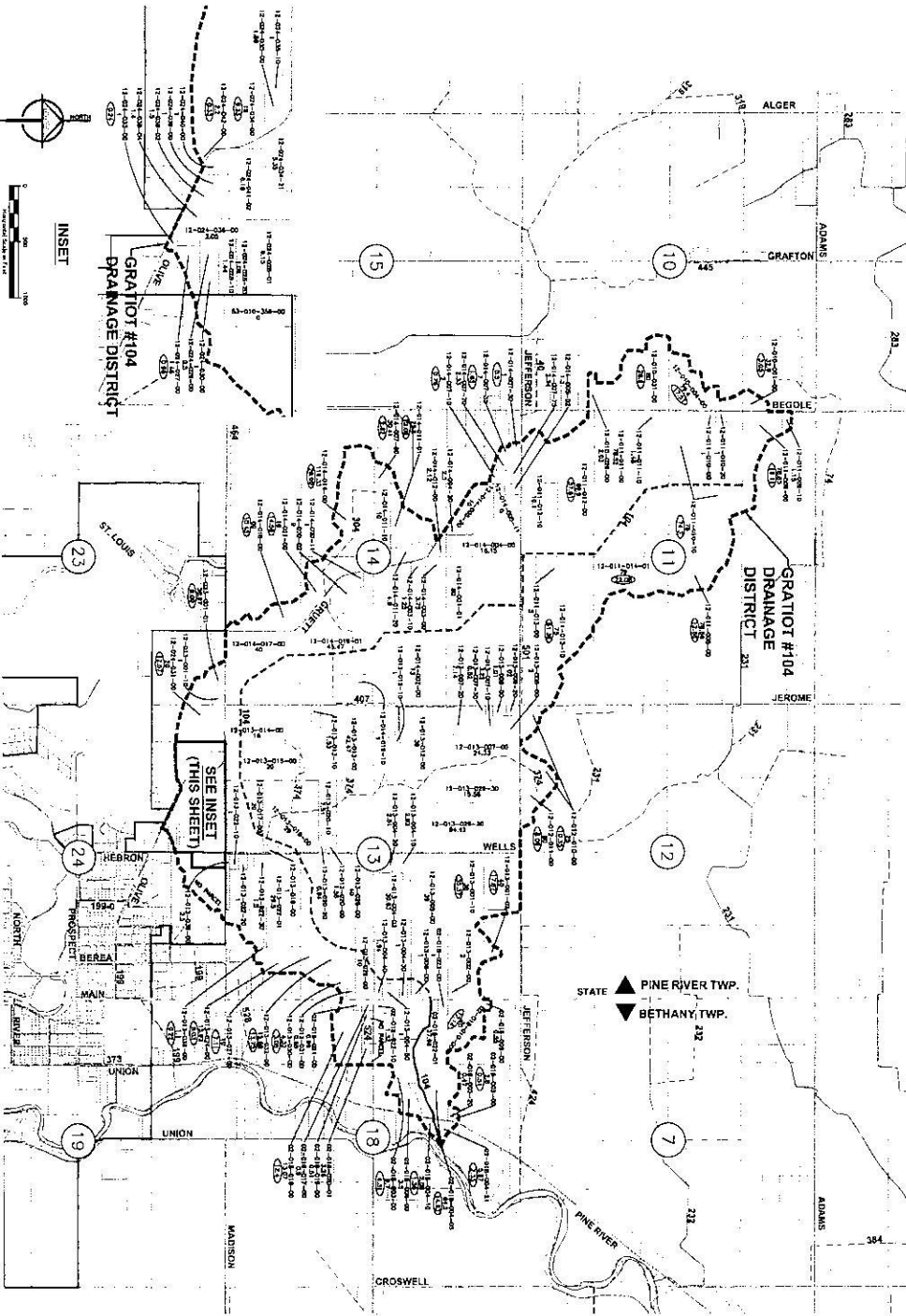




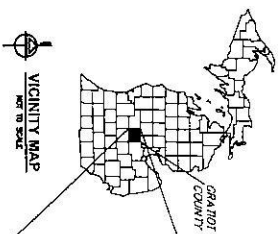
Gratiot #104 Drain

Sections 10-14, 23 & 24
T12N, R3W
Pine River Township, Gratiot County, Michigan

Section 18
T12N, R2W
Bethany Township, Gratiot County, Michigan



STATE
▲ PINE RIVER TWP.
▲ BETHANY TWP.

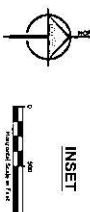


DISTRICT LOCATION

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

DRAIN TOTALS:
GRATIOT #104 DRAIN LENGTH: 21,376 L.F. (4.08 MILES)
GRATIOT #104 DRAIN DRAINAGE DISTRICT AREA: 1,551.77 ACRES

- LEGEND**
- ENCLOSED DRAIN
 - OPEN CHANNEL DRAIN
 - PARCEL LINES
 - CITY / VILLAGE LIMITS
 - ROADS
 - TOWNSHIP LINE
 - COUNTY LINE
 - DISTRICT BOUNDARY
 - ① SECTION NUMBERS
 - ② PARTIAL ACREAGE WITHIN DISTRICT



IRE
INTEGRATED REGIONAL ENGINEERING
1000 W. MAIN ST. SUITE 100
MOUNTAIN VIEW, MI 48156
PH: 313.202.2000
WWW.IRE-ENGINEERS.COM

**DRAINAGE DISTRICT MAP
EXHIBIT B-2**

DATE: 05-20-2014
DRAWN BY: JRM
CHECKED BY: JRM
SCALE: AS SHOWN