

**OTTAWA COUNTY WATER RESOURCES COMMISSIONER**

**ORDER FOR LAYING OUT AND DESIGNATING  
A DRAINAGE DISTRICT**

**ALICE AVENUE DRAIN**

**WHEREAS**, an application, dated March 7, 2019, has been made and filed with me, the Ottawa County Water Resources Commissioner, for the Laying Out and Designating of a Drainage District; and

**WHEREAS**, the County Treasurer has provided a statement that less than 33 1/3% of the lands in the proposed drainage district owe taxes and special assessments over the preceding three years; and

**WHEREAS**, I retained *Land & Resource Engineering* to perform a survey of the proposed drain and drainage district.

**NOW, THEREFORE**, I do hereby determine:

1. The name of the drain is the Alice Avenue Drain.
2. The Drainage District boundaries are as described in the attached *Exhibit A*.
3. The following public corporations liable for an assessment are as follows:

*City of Zeeland*

4. A description of the enclosed drain as provided in MCL 280.54, including the type of construction and estimated cost of construction is attached as *Exhibit B*.

Dated: April 25, 2019

Joe Bush  
Ottawa County Water Resources Commissioner

# EXHIBIT A

## ALICE AVENUE DRAIN DRAINAGE DISTRICT DESCRIPTION

CITY OF ZEELAND  
HOLLAND TOWNSHIP  
OTTAWA COUNTY, MICHIGAN

THE DESCRIPTION OF AREA SERVICED BY THE ALICE AVENUE DRAIN CONSISTS OF LANDS SITUATED IN SECTION 24 OF TOWNSHIP 05 NORTH, RANGE 15 WEST, CITY OF ZEELAND, HOLLAND TOWNSHIP, OTTAWA COUNTY, MICHIGAN.

ALL OF THAT LAND LOCATED IN SECTION 24 OF TOWNSHIP 05 NORTH, RANGE 15 WEST, CITY OF ZEELAND, HOLLAND TOWNSHIP, OTTAWA COUNTY, MICHIGAN; BOUNDED BY A LINE DESCRIBED AS FOLLOWS: BEGINNING AT A POINT 1,358.05 FEET ± SOUTH ALONG THE WEST SECTION LINE AND 837.44 FEET ± DUE EAST OF THE NORTHWEST CORNER OF SAID SECTION; THENCE, SOUTH 58° 50' 25" EAST 60.94 FEET; THENCE, SOUTH 00° 00' 00" WEST 113.99 FEET; THENCE, SOUTH 61° 45' 44" EAST 74.33 FEET; THENCE, SOUTH 01° 37' 21" WEST 216.86 FEET; THENCE, SOUTH 89° 53' 26" EAST 158.94 FEET; THENCE, NORTH 71° 20' 35" EAST 117.52 FEET; THENCE, NORTH 81° 44' 01" EAST 99.11 FEET; THENCE, SOUTH 88° 32' 19" EAST 237.77 FEET; THENCE, NORTH 70° 06' 21" EAST 66.82 FEET; THENCE, SOUTH 73° 10' 42" EAST 54.48 FEET; THENCE, SOUTH 26° 11' 16" EAST 82.44 FEET; THENCE, SOUTH 02° 17' 44" WEST 175.98 FEET; THENCE, SOUTH 50° 45' 16" WEST 333.54 FEET; THENCE, SOUTH 08° 14' 09" WEST 93.13 FEET; THENCE, SOUTH 26° 33' 53" EAST 62.37 FEET; THENCE, NORTH 89° 16' 30" EAST 239.53 FEET; THENCE, SOUTH 03° 51' 40" EAST 42.77 FEET; THENCE, SOUTH 46° 21' 50" WEST 36.03 FEET; THENCE, SOUTH 07° 02' 45" WEST 54.38 FEET; THENCE, SOUTH 22° 22' 49" WEST 44.59 FEET; THENCE, SOUTH 30° 41' 59" WEST 45.13 FEET; THENCE, NORTH 89° 41' 06" WEST 1531.21 FEET; THENCE, NORTH 32° 28' 15" WEST 29.65 FEET; THENCE, NORTH 78° 06' 40" WEST 41.21 FEET; THENCE, NORTH 45° 27' 03" WEST 27.23 FEET; THENCE, NORTH 27° 40' 30" EAST 101.50 FEET; THENCE, NORTH 65° 23' 46" EAST 159.47 FEET; THENCE, SOUTH 89° 59' 59" EAST 180.69 FEET; THENCE, NORTH 56° 47' 36" EAST 79.72 FEET; THENCE, NORTH 02° 08' 52" EAST 97.09 FEET; THENCE, NORTH 55° 18' 16" WEST 57.52 FEET; THENCE, NORTH 89° 34' 09" WEST 161.29 FEET; THENCE, NORTH 68° 41' 38" WEST 130.17 FEET;

THENCE, NORTH 12° 32' 34" EAST 101.56 FEET; THENCE, NORTH 24° 58' 55" WEST 83.45 FEET; THENCE, NORTH 87° 24' 23" WEST 43.55 FEET; THENCE, NORTH 00° 00' 00" EAST 18.49 FEET; THENCE, NORTH 72° 53' 50" EAST 49.48 FEET; THENCE, NORTH 00° 36' 12" EAST 86.41 FEET; THENCE, NORTH 66° 17' 16" WEST 42.22 FEET; THENCE, NORTH 25° 41' 04" WEST 57.36 FEET; THENCE, NORTH 27° 06' 14" EAST 21.63 FEET; THENCE, SOUTH 88° 13' 36" EAST 313.56 FEET; THENCE, SOUTH 40° 36' 04" EAST 39.13 FEET; THENCE, NORTH 45° 00' 00" EAST 40.52 FEET; THENCE, NORTH 69° 55' 43" EAST 50.35 FEET; THENCE, NORTH 35° 18' 40" EAST 53.50 FEET; THENCE, NORTH 00° 53' 17" WEST 117.34 FEET; THENCE, NORTH 34° 02' 58" EAST 107.21 FEET; THENCE, SOUTH 84° 14' 39" EAST 86.16 FEET; THENCE, NORTH 57° 38' 36" EAST 119.25 FEET; THENCE NORTH 77° 19' 45" EAST A DISTANCE OF 79.47 FEET TO THE POINT OF BEGINNING.

TOTAL AREA OF THE DRAINAGE DISTRICT IS 28.89 ACRES ±.

## EXHIBIT B

### ALICE AVENUE DRAIN ROUTE & COURSE DESCRIPTION

COMMENCING AT A POINT IN A CREEK TRIBUTARY TO THE BLACK CREEK OF ZEELAND 1431.70 FEET SOUTH AND 530.77 FEET EAST OF THE NORTHWEST CORNER OF SECTION 24, TOWNSHIP 5 NORTH, RANGE 15 WEST, CITY OF ZEELAND, OTTAWA COUNTY, MICHIGAN. THENCE SOUTH 43°53'51" EAST 60.63 FEET; THENCE SOUTH 4°49'01" WEST 116.82 FEET; THENCE SOUTH 3°38'59" EAST 163.07 FEET; THENCE SOUTH 0°39'27" WEST 18.65 FEET; THENCE NORTH 89°02'35" WEST 212.71 FEET; THENCE SOUTH 29°07'06" WEST 23.88 FEET; THENCE NORTH 90°00'00" WEST 23.09 FEET; THENCE SOUTH 0°18'06" WEST 181.54; THENCE NORTH 89°31'30" WEST 69.73 FEET TO THE POINT OF ENDING.

AND ALSO, A BRANCH (MAIN BRANCH A) BEGINNING AT A POINT IN THE ALICE AVENUE DRAIN MAIN BRANCH 865.32 FEET NORTH AND 362.60 FEET EAST OF THE WEST 1/4 CORNER OF SECTION 24, TOWNSHIP 5 NORTH, RANGE 15 WEST, CITY OF ZEELAND, OTTAWA COUNTY, MICHIGAN. THENCE NORTH 50°54'17" WEST 15.35 FEET TO THE POINT OF ENDING.

AND ALSO, A BRANCH (BRANCH 1) BEGINNING AT A POINT IN THE ALICE AVENUE DRAIN MAIN BRANCH 863.09 FEET NORTH AND 575.30 FEET EAST OF THE WEST 1/4 CORNER OF SECTION 24, TOWNSHIP 5 NORTH, RANGE 15 WEST, CITY OF ZEELAND, OTTAWA COUNTY, MICHIGAN. THENCE, SOUTH 89°05'50" EAST 287.91 FEET; THENCE SOUTH 89°28'12" EAST 149.50 FEET; THENCE SOUTH 89°00'34" EAST 385.34 FEET TO THE POINT OF ENDING.

AND ALSO, A BRANCH (BRANCH 1A) BEGINNING AT A POINT IN THE ALICE AVENUE DRAIN BRANCH 1 863.09 FEET NORTH AND 575.30 FEET EAST OF THE WEST 1/4 CORNER OF SECTION 24, TOWNSHIP 5 NORTH, RANGE 15 WEST, CITY OF ZEELAND, OTTAWA COUNTY, MICHIGAN. THENCE NORTH 71°02'55" EAST 26.55 FEET TO THE POINT OF ENDING.

AND ALSO, A BRANCH (BRANCH 1B) BEGINNING AT A POINT IN THE ALICE AVENUE DRAIN BRANCH 1 863.09 FEET NORTH AND 575.30 FEET EAST OF THE WEST 1/4 CORNER OF SECTION 24, TOWNSHIP 5 NORTH, RANGE 15 WEST, CITY OF ZEELAND, OTTAWA COUNTY, MICHIGAN. THENCE SOUTH 47°50'25" EAST 32.36 FEET TO THE POINT OF ENDING.

AND ALSO, A BRANCH (BRANCH 1C) BEGINNING AT A POINT IN THE ALICE AVENUE DRAIN BRANCH 1 860.36 FEET NORTH AND 863.19 FEET EAST OF THE WEST 1/4 CORNER OF SECTION 24, TOWNSHIP 5 NORTH, RANGE 15 WEST, CITY OF ZEELAND, OTTAWA COUNTY, MICHIGAN. THENCE NORTH 77°45'02" EAST 38.37 FEET TO THE POINT OF ENDING.

AND ALSO, A BRANCH (BRANCH 1D) BEGINNING AT A POINT IN THE ALICE AVENUE DRAIN BRANCH 1 860.36 FEET NORTH AND 863.19 FEET EAST OF THE WEST 1/4 CORNER OF SECTION 24, TOWNSHIP 5 NORTH, RANGE 15 WEST, CITY OF ZEELAND, OTTAWA COUNTY, MICHIGAN. THENCE SOUTH 27°50'36" EAST 22.71 FEET TO THE POINT OF ENDING.

AND ALSO, BRANCH (BRANCH 1E) BEGINNING AT A POINT IN THE ALICE AVENUE DRAIN BRANCH 1 859.91 FEET NORTH AND 1,012.69 FEET EAST OF THE WEST 1/4 CORNER OF SECTION 24, TOWNSHIP 5 NORTH, RANGE 15 WEST, CITY OF ZEELAND, OTTAWA COUNTY, MICHIGAN. THENCE NORTH 69°40'03" EAST 16.90 FEET TO THE POINT OF ENDING.

AND ALSO, A BRANCH (BRANCH 1F) BEGINNING AT A POINT IN THE ALICE AVENUE DRAIN BRANCH 1 859.91 FEET NORTH AND 1,012.69 FEET EAST OF THE WEST 1/4 CORNER OF SECTION 24, TOWNSHIP 5 NORTH, RANGE 15 WEST, CITY OF ZEELAND, OTTAWA COUNTY MICHIGAN. THENCE SOUTH 36°02'38" EAST 26.64 FEET TO THE POINT OF ENDING.

AND ALSO, A BRANCH (BRANCH 1G) BEGINNING AT A POINT IN THE ALICE AVENUE DRAIN BRANCH 1 855.66 FEET NORTH AND 1,398.00 FEET EAST OF THE WEST 1/4 CORNER OF SECTION 24, TOWNSHIP 5 NORTH, RANGE 15 WEST, CITY OF ZEELAND, OTTAWA COUNTY MICHIGAN. THENCE NORTH 55°45'18" EAST 13.57 FEET TO THE POINT OF ENDING.

AND ALSO, A BRANCH (BRANCH 1H) BEGINNING AT A POINT IN THE ALICE AVENUE DRAIN BRANCH 1 855.66 FEET NORTH AND 1,398.00 FEET EAST OF THE WEST 1/4 CORNER OF SECTION 24, TOWNSHIP 5 NORTH, RANGE 15 WEST, CITY OF ZEELAND, OTTAWA COUNTY, MICHIGAN. THENCE SOUTH 27°31'42" EAST 23.20 FEET TO THE POINT OF ENDING.

AND ALSO, A BRANCH (BRANCH 2) BEGINNING AT A POINT IN THE ALICE AVENUE DRAIN BRANCH 1 860.36 FEET NORTH AND 863.19 FEET EAST OF THE WEST ¼ CORNER OF SECTION 24, TOWNSHIP 5 NORTH, RANGE 15 WEST, CITY OF ZEELAND, OTTAWA COUNTY, MICHIGAN. THENCE NORTH 0°19'57" WEST 24.60 FEET; THENCE NORTH 0°03'56" WEST 103.52 FEET TO THE POINT OF ENDING.

AND ALSO, A BRANCH (BRANCH 2A) BEGINNING AT A POINT IN THE ALICE AVENUE DRAIN BRANCH 2 1,647.52 FEET SOUTH AND 862.13 FEET EAST OF THE NORTHWEST CORNER OF SECTION 24, TOWNSHIP 5 NORTH, RANGE 15 WEST, CITY OF ZEELAND, OTTAWA COUNTY, MICHIGAN. THENCE NORTH 66°37'58" WEST 22.24 FEET TO THE POINT OF ENDING.

AND ALSO, A BRANCH (BRANCH 2A) BEGINNING AT A POINT IN THE ALICE AVENUE DRAIN BRANCH 2 1,647.52 FEET SOUTH AND 862.13 FEET EAST OF THE NORTHWEST CORNER OF SECTION 24, TOWNSHIP 5 NORTH, RANGE 15 WEST, CITY OF ZEELAND, OTTAWA COUNTY, MICHIGAN. THENCE NORTH 41°04'22" EAST 13.13 FEET TO THE POINT OF ENDING.

AND ALSO, A BRANCH (BRANCH 3) BEGINNING AT A POINT IN THE ALICE AVENUE DRAIN BRANCH 1 859.91 FEET NORTH AND 1,012.69 FEET EAST OF THE WEST 1/4 CORNER OF SECTION 24, TOWNSHIP 5 NORTH, RANGE 15 WEST, CITY OF ZEELAND, OTTAWA COUNTY, MICHIGAN. THENCE SOUTH 6°48'49" EAST 40.92 FEET; THENCE SOUTH 1°09'29" WEST 359.98 FEET; THENCE SOUTH 5°19'49" WEST 26.39 FEET; THENCE SOUTH 4°43'18" EAST 39.89 FEET; THENCE SOUTH 2°29'59" WEST 198.94 FEET TO THE POINT OF ENDING.

AND ALSO, A BRANCH (BRANCH 4) BEGINNING AT A POINT IN THE ALICE AVENUE DRAIN BRANCH 3 433.07 FEET NORTH AND 1,010.48 FEET EAST OF THE WEST 1/4 CORNER OF SECTION 24, TOWNSHIP 5 NORTH, RANGE 15 WEST, CITY OF ZEELAND, OTTAWA COUNTY, MICHIGAN. THENCE NORTH 88°57'17" WEST 196.93 FEET TO THE POINT OF ENDING.

AND ALSO, A BRANCH (BRANCH 4A) BEGINNING AT A POINT IN THE ALICE AVENUE DRAIN BRANCH 4 435.43 FEET NORTH AND 813.57 FEET EAST OF THE WEST 1/4 CORNER OF SECTION 24, TOWNSHIP 5 NORTH, RANGE 15 WEST, CITY OF ZEELAND, OTTAWA COUNTY, MICHIGAN. THENCE NORTH 7°19'58" EAST 9.38 FEET TO THE POINT OF ENDING.

AND ALSO, A BRANCH (BRANCH 4B) BEGINNING AT A POINT IN THE ALICE AVENUE DRAIN BRANCH 4 435.43 FEET NORTH AND 813.57 FEET EAST OF THE WEST 1/4 CORNER OF SECTION 24, TOWNSHIP 5 NORTH, RANGE 15 WEST, CITY OF ZEELAND, OTTAWA COUNTY, MICHIGAN. THENCE SOUTH 41°41'48" WEST 28.75 FEET TO THE POINT OF ENDING.

AND ALSO, A BRANCH (BRANCH 5) BEGINNING AT A POINT IN THE ALICE AVENUE DRAIN BRANCH 3 433.07 FEET NORTH AND 1,010.48 FEET EAST OF THE WEST 1/4 CORNER OF SECTION 24, TOWNSHIP 5 NORTH, RANGE 15 WEST, CITY OF ZEELAND, OTTAWA COUNTY, MICHIGAN. THENCE NORTH 89°59'00" EAST 80.11 FEET TO THE POINT OF ENDING.

AND ALSO, A BRANCH (BRANCH 5A) BEGINNING AT A POINT IN THE ALICE AVENUE DRAIN BRANCH 5 433.59 FEET NORTH AND 1,090.59 FEET EAST OF THE WEST 1/4 CORNER OF SECTION 24, TOWNSHIP 5 NORTH, RANGE 15 WEST, CITY OF ZEELAND, OTTAWA COUNTY, MICHIGAN. THENCE NORTH 6°29'25" WEST 8.06 FEET TO THE POINT OF ENDING.

AND ALSO, A BRANCH (BRANCH 5B) BEGINNING AT A POINT IN THE ALICE AVENUE DRAIN BRANCH 5 433.59 FEET NORTH AND 1,090.59 FEET EAST OF THE WEST 1/4

CORNER OF SECTION 24, TOWNSHIP 5 NORTH, RANGE 15 WEST, CITY OF ZEELAND, OTTAWA COUNTY, MICHIGAN. THENCE SOUTH 8°19'08" EAST 23.25 FEET TO THE POINT OF ENDING.

THE TOTAL LENGTH OF THE PROPOSED ALICE AVENUE DRAIN IS 3,108 FEET. THE DRAIN WILL CONSIST OF 341 FEET OF EXISTING OPEN CHANNEL, 2,493 FEET OF EXISTING ENCLOSED STORM SEWER AND 274 FEET OF PROPOSED ENCLOSED STORM SEWER. THE PRELIMINARY ESTIMATE OF PROBABLE CONSTRUCTION COST IS APPROXIMATELY \$42,000 AND TOTAL PROJECT COST, INCLUDING CONTINGENCY, IS APPROXIMATELY \$80,000.

DRAFTED BY: ANDREW STOFFEL (4/25/19)