Department of Public Works

Briarwood Lane
Durham Court
Drainage Issues

VILLAGE OF
LINCOLNSHIRE

MEETING AGENDA

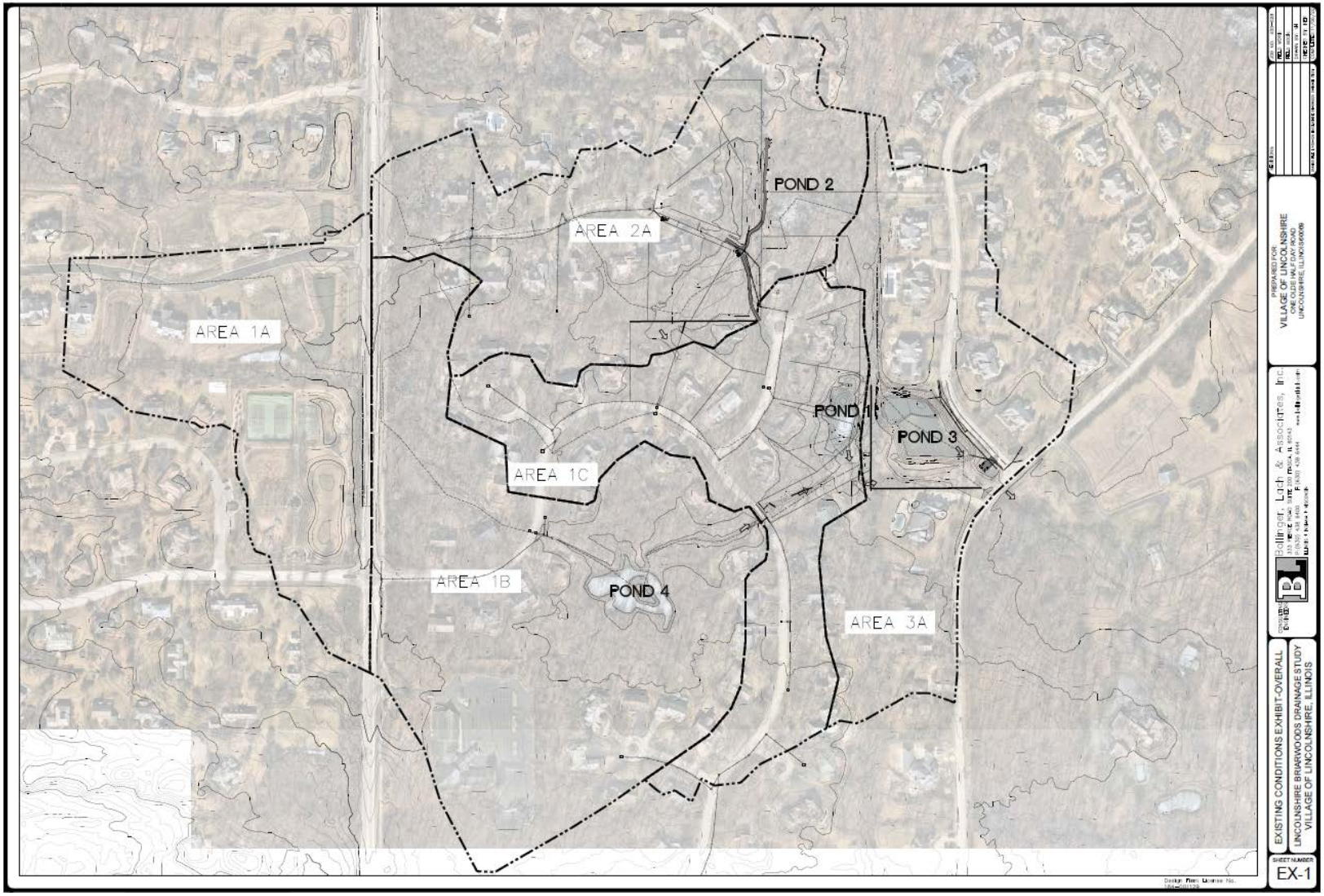
- STUDY AREA AND ISSUES EXPERIENCED
- EXPLANATION OF DRAINAGE SYSTEM
- ALTERNATIVES ANALYZED
- PROPOSED SOLUTIONS
- NEXT STEPS

VILLAGE OF
LINCOLNSHIRE

STUDY AREA

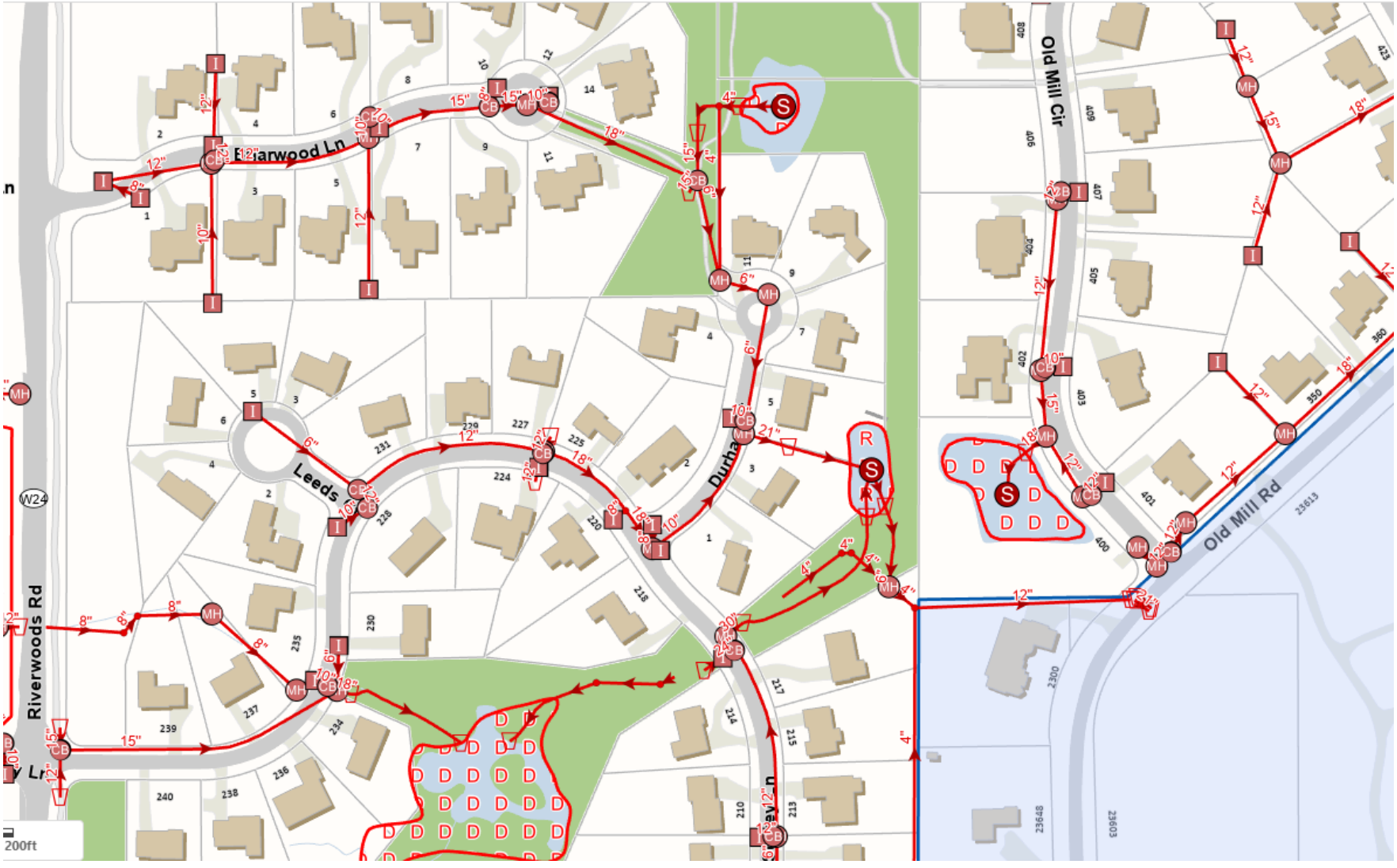
VILLAGE OF
LINCOLNSHIRE

STUDY AREA



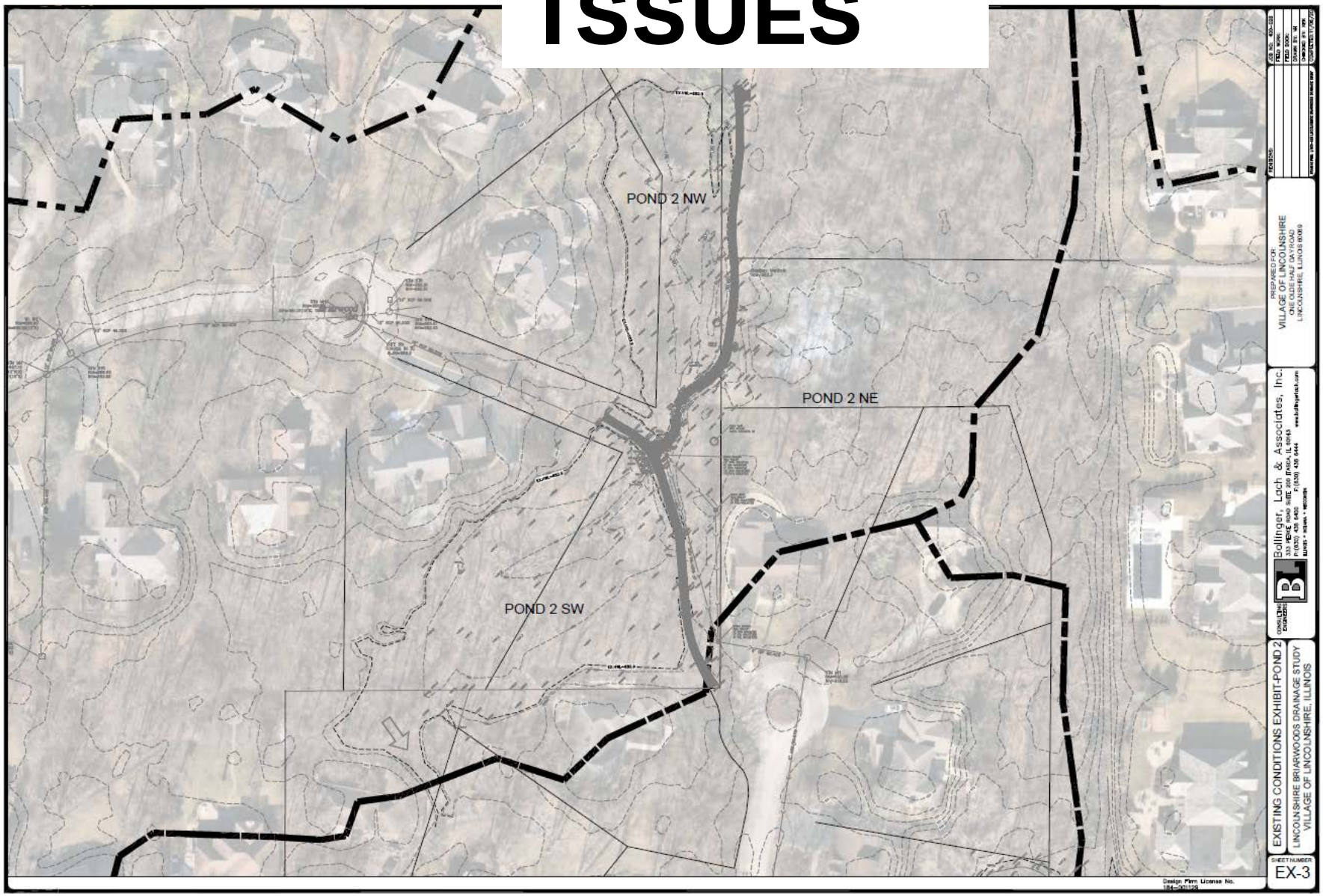
VILLAGE OF
LINCOLNSHIRE

STUDY AREA



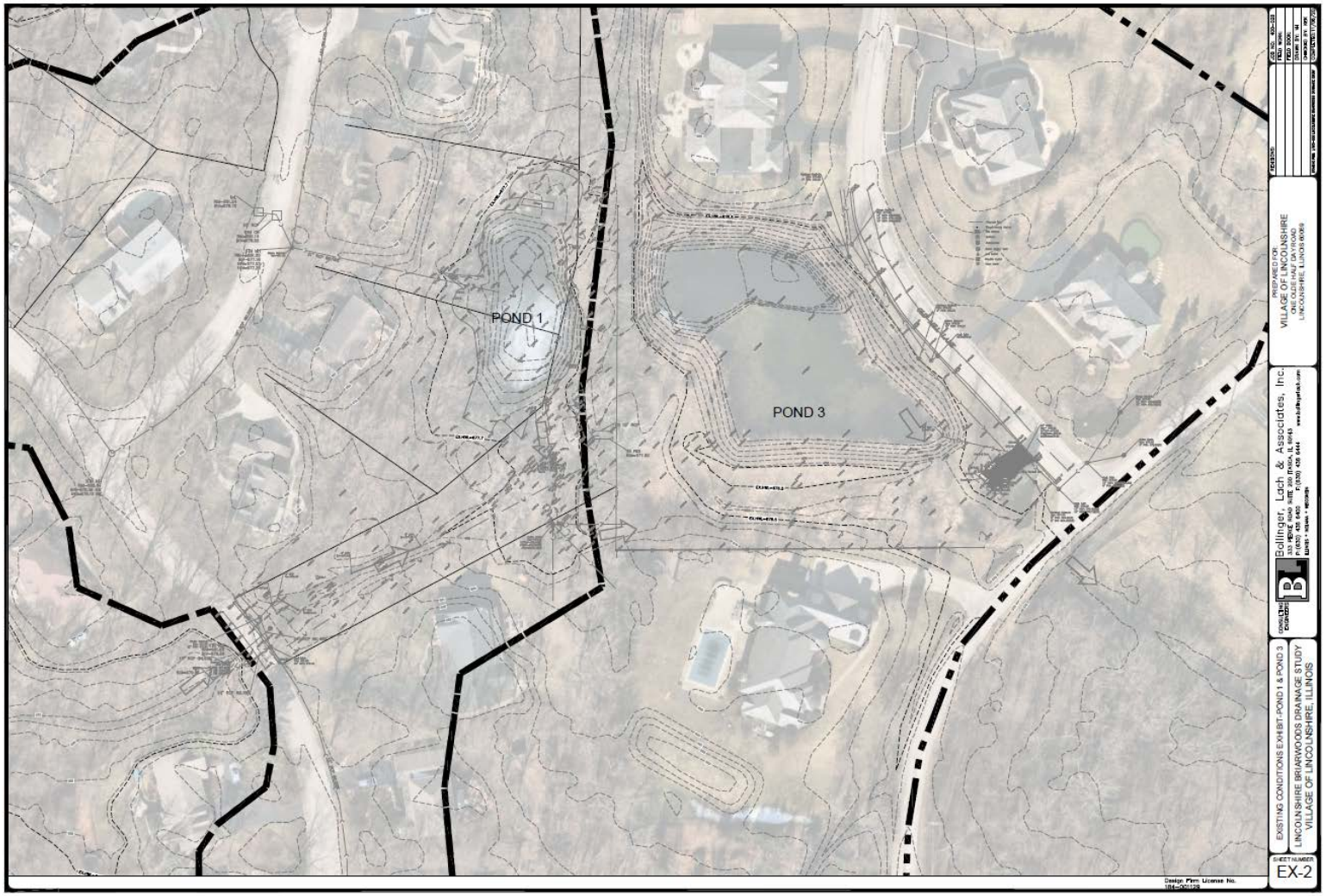
VILLAGE OF
LINCOLNSHIRE

ISSUES



VILLAGE OF
LINCOLNSHIRE

ISSUES



ISSUES

- CHANGES IN WEATHER PATTERNS
- CHANGES IN REGULATIONS
- MAINTENANCE AND DEBRIS MANAGEMENT

CHANGES IN WEATHER PATTERNS

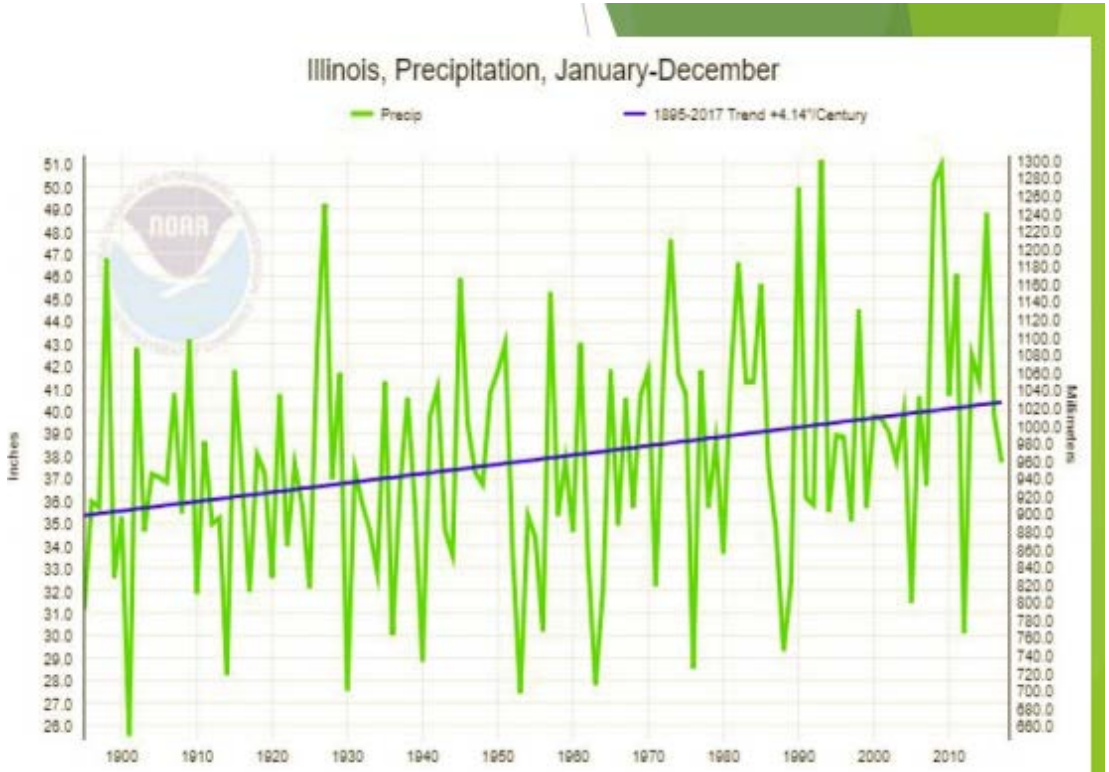
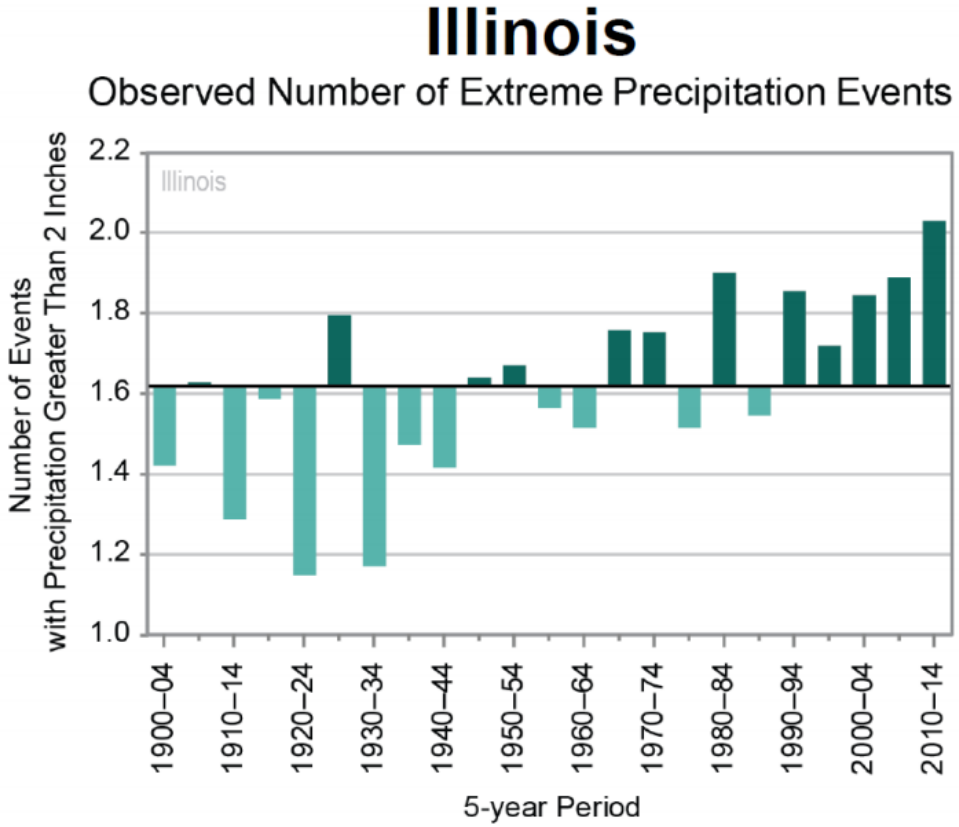


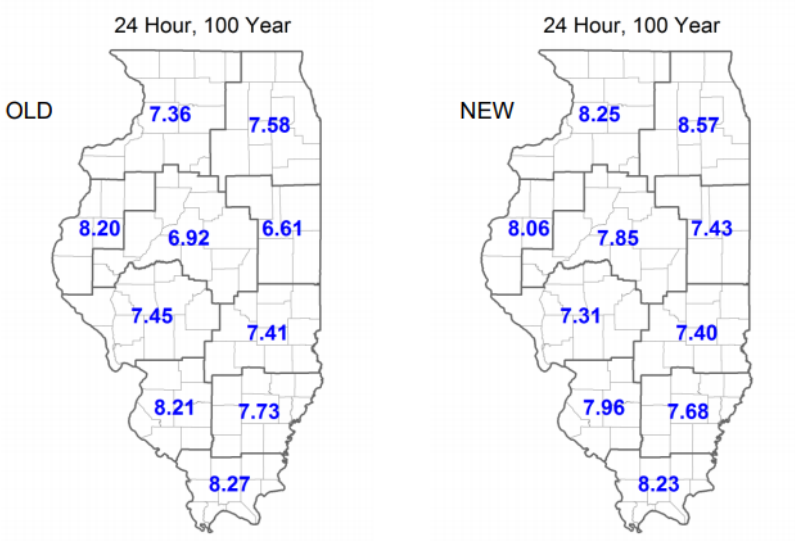
Figure 3 Statewide average annual precipitation for Illinois from 1895 to 2017. The green line shows the year-to-year variability. The blue line is a linear trend showing an increase of 4.14 inches over the past century. Source: NOAA NCEI, 2018.

CHANGES IN WEATHER PATTERNS



CHANGES IN WEATHER PATTERNS

Bulletin 70 and Bulletin 75
100-Yr, 24-Hour Storm



MAINTENANCE PRACTICES

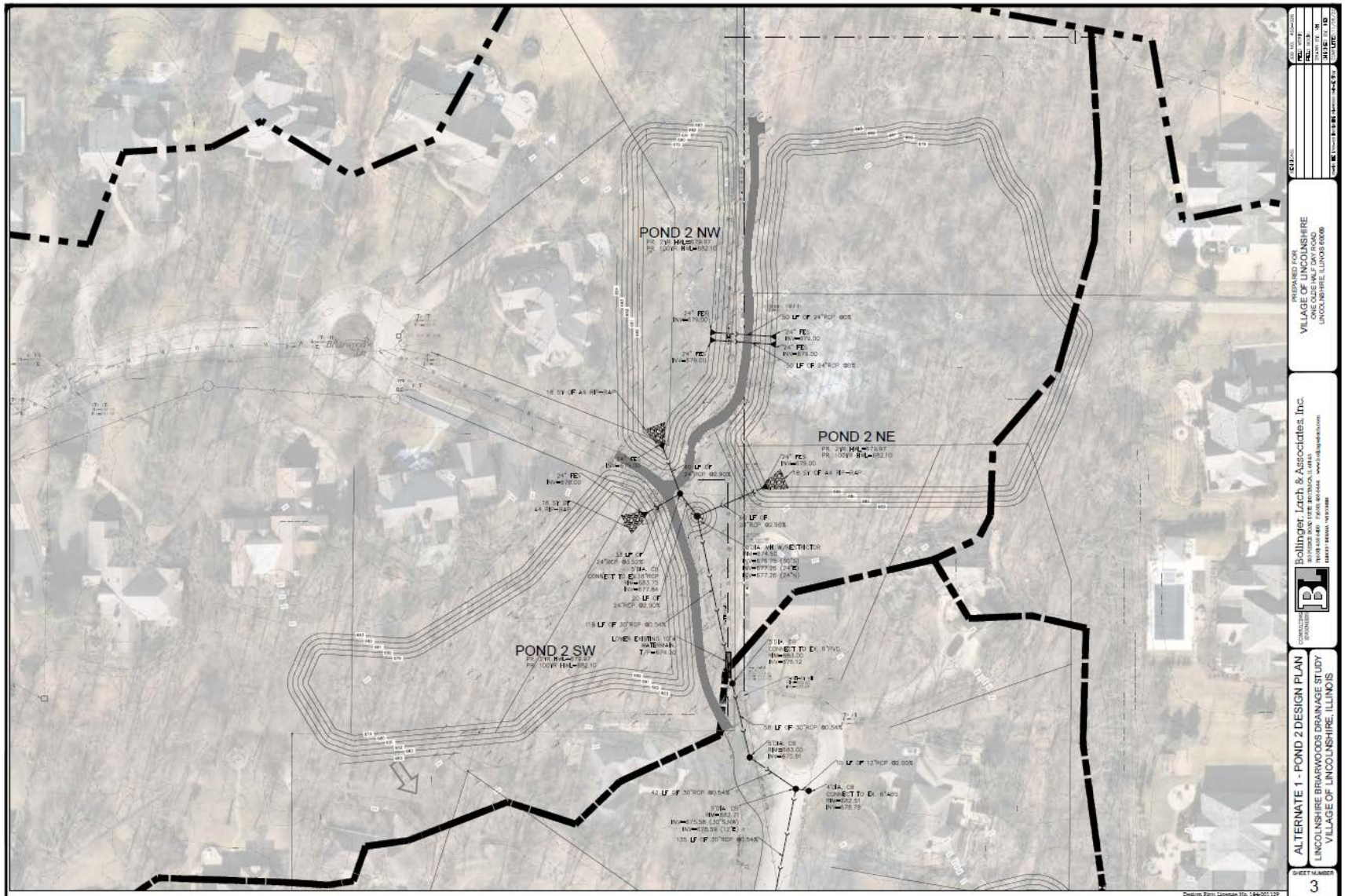
- MORE PROACTIVE
- CLEAR BUCKTHORN/INVASIVE SPECIES
- MAINTAIN “NATURAL” AREAS

ALTERNATIVES CONSIDERED

- MEETING TODAYS STANDARDS
- MEET ORIGINAL DESIGN INTENT
- INCREASE FUNCTIONALITY/KEEP WATER FLOWING

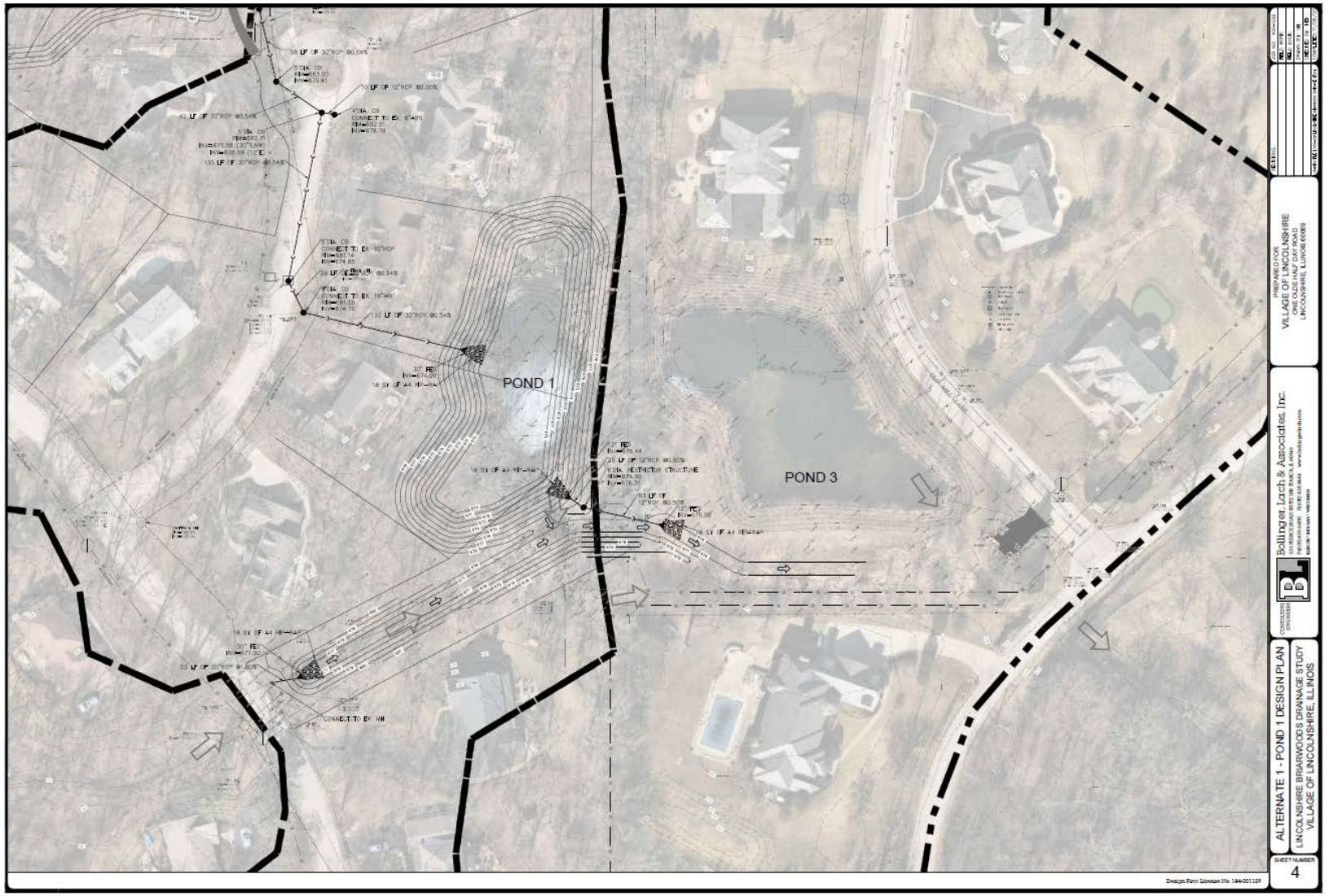
VILLAGE OF
LINCOLNSHIRE

ALTERNATIVES CONSIDERED



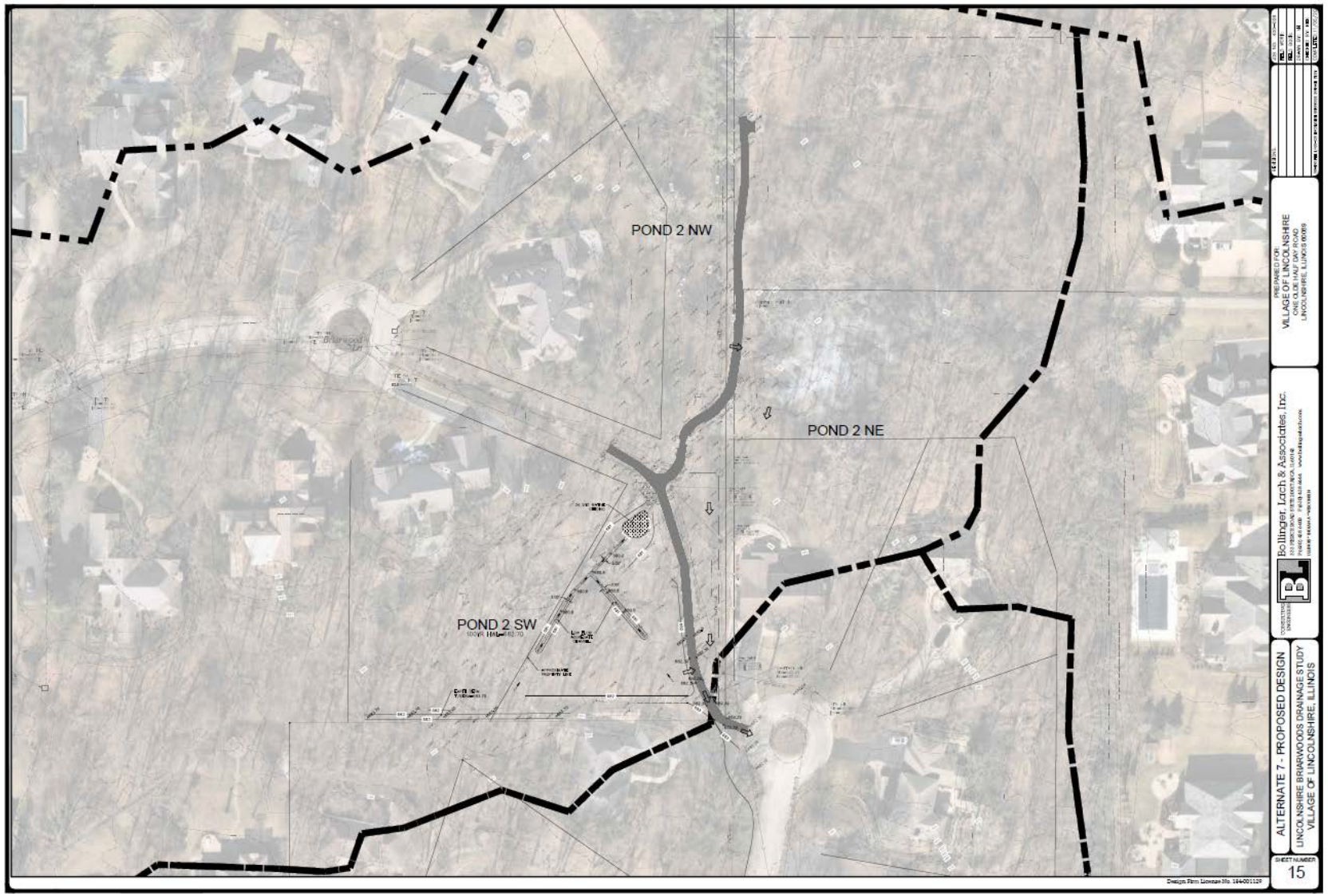
VILLAGE OF
LINCOLNSHIRE

ALTERNATIVES CONSIDERED



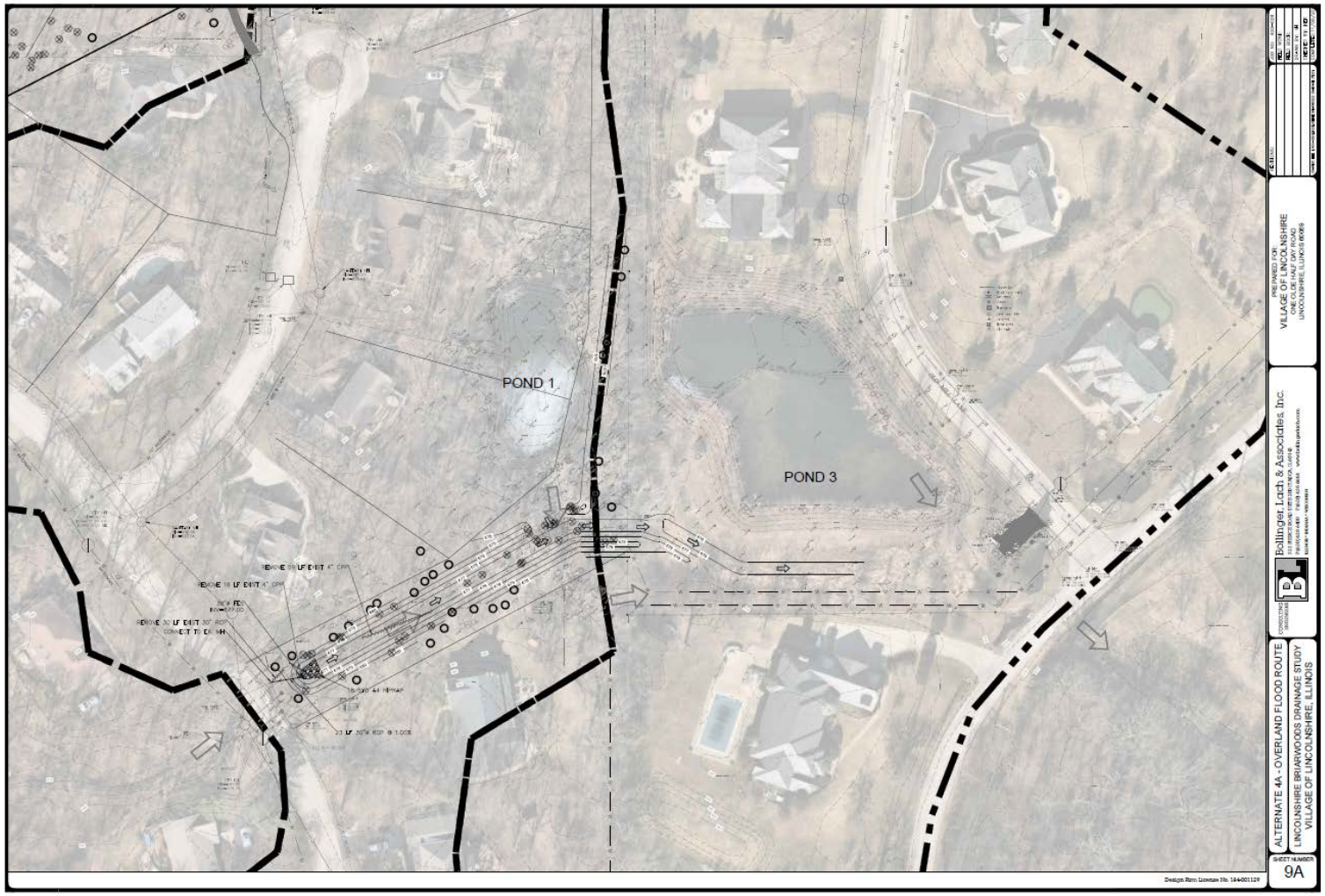
VILLAGE OF
LINCOLNSHIRE

PROPOSED ALTERNATIVE



VILLAGE OF
LINCOLNSHIRE

PROPOSED ALTERNATIVE



NEXT STEPS

- FINALIZE DESIGN
- PERMITTING
- BID PROCESS
- LATE SUMMER/FALL CONSTRUCTION

QUESTIONS?

THANK YOU