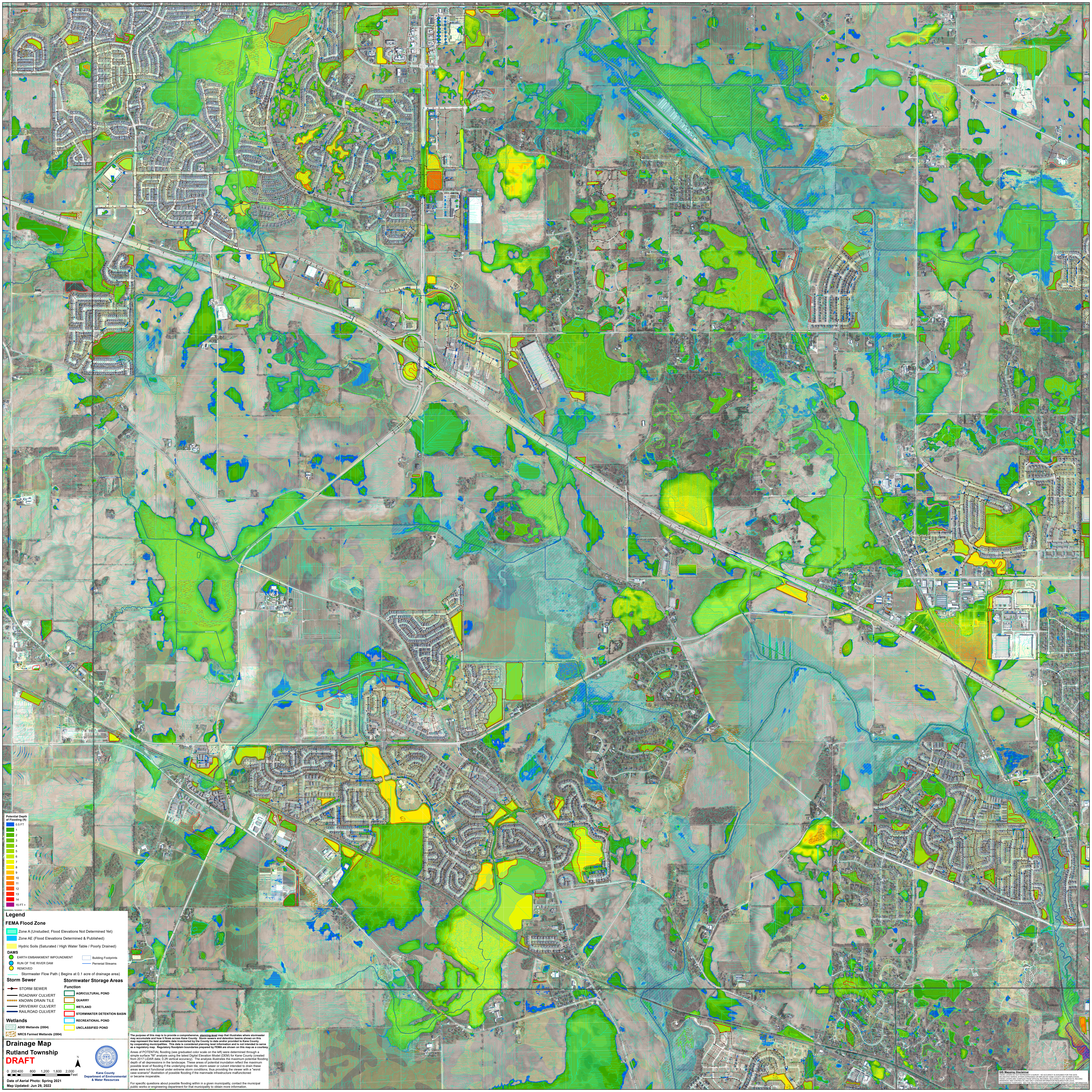

Potential Depth of Flooding (ft)

- 0.5 FT
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15 FT +

Legend

FEMA Flood Zone

- Zone A (Unstudied; Flood Elevations Not Determined Yet)
- Zone AE (Flood Elevations Determined & Published)
- Hydric Soils (Saturated / High Water Table / Poorly Drained)

DAMS

- ● EARTH EMBANKMENT IMPOUNDMENT
- ● RUN OF THE RIVER DAM
- ● REMOVED

- Building Footprints
- Perrenial Streams

Stormwater Flow Path (Begins at 0.1 acre of drainage area)

Storm Sewer

- STORM SEWER
- ROADWAY CULVERT
- KNOWN DRAIN TILE
- DRIVEWAY CULVERT
- RAILROAD CULVERT

Wetlands

- ADID Wetlands (2004)
- NRCS Farmed Wetlands (2004)

Stormwater Storage Areas

Function

- AGRICULTURAL POND
- QUARRY
- WETLAND
- STORMWATER DETENTION BASIN
- RECREATIONAL POND
- UNCLASSIFIED POND

Drainage Map

Rutland Township

DRAFT

N

0 200 400 800 1,200 1,600 2,000 Feet

Date of Aerial Photo: Spring 2021
Map Updated: Jun 29, 2022

Kane County
Department of Environmental
& Water Resources

The purpose of this map is to provide a comprehensive, planning-level map that illustrates where stormwater may accumulate and how it flows across Kane County. Storm sewers and detention basins shown on this map represent the best available data inventoried by the County to date and/or provided to Kane County by cooperating municipalities. This data is considered planning level information and is not intended to serve as a regulatory map. Regulatory floodplain boundaries prepared by FEMA are shown on this map as a courtesy.

Areas of POTENTIAL flooding (see graduated color scale on the left) were determined through a simple surface "fill" analysis using the latest Digital Elevation Model (DEM) for Kane County (created from 2017 LiDAR data; 0.2ft vertical accuracy). The analysis illustrates the maximum potential flooding depth of all depressions in the landscape. These areas of potential inundation reflect the maximum possible level of flooding if the underlying drain tile, storm sewer or culvert intended to drain these areas were not functional under extreme storm conditions; thus providing the viewer with a "worst case scenario" illustration of possible flooding if the manmade infrastructure malfunctioned or became inoperable.

For specific questions about possible flooding within in a given municipality, contact the municipal public works or engineering department for that municipality to obtain more information.

GIS Mapping Disclaimer

THESE LAYERS DO NOT REPRESENT A SURVEY. NO ACCURACY IS ASSUMED FOR THE DATA DELINEATED HEREIN, EITHER EXPRESSED OR IMPLIED BY KANE COUNTY OR ITS EMPLOYEES. THESE LAYERS ARE COMPILED FROM OFFICIAL RECORDS, INCLUDING PLATS, SURVEYS, RECORD DRAWINGS, AND CONTRACTS, AND ONLY CONTAIN INFORMATION REQUIRED FOR LOCAL GOVERNMENT PURPOSES. SEE THE RECORD DOCUMENTS FOR MORE DETAILED LEGAL INFORMATION.

GIS-Technologies