



## **2021 Year in Review**

**Tony Bazil**

**GIS Coordinator**

*See attached "MapRequests\_2021.xlsx" excel spreadsheet for comprehensive list of mapping projects.*

*Please see monthly reports for individual lists/descriptions of certain projects in greater detail.*

### **Sewer Mapping and Major Projects**

- Acquired GPS locations for dozens of new manholes and cleanouts not previously in District records.
- Recorded attribute values for dozens of manholes, approximately 13 miles of sewer lines, and approximately 1100 private laterals from field observations, camera truck video review, review of as-built drawings, and review of survey data; created, maintained, and updated all data accordingly within District GIS records.
- Prepared dozens of reference maps to assist District Collections with locates, cleaning, televising, and other activities.
- Prepared maps and digital copies of City or District assets to assist with numerous projects (North End Capacity Survey, underground boring permit applications, construction permit applications, localized maps for contractors and homeowners, etc.).
- Provided Strand Engineering with maps and data when necessary during the data analysis stage of their North End Capacity Survey.
- In August 2020, received shapefiles and structure data collection sheets for over 250 structures and 550 pipe segments surveyed by Haas & Associates during their North End Capacity Survey; took the data they gathered and made additions, modifications, deletions, and corrections to our existing master sewer and structure shapefiles; attributes modified include rim elevation, invert elevation, upstream and downstream inverts for pipes, pipe size and material, structure condition, number of inflowing pipes, connection locations, flow directions, and conditions of rim and chamber; completed about 80% of these updates in 2020 and finished in the first few months of 2021.

- Fourth St Box Sewer Confined Space Entry: created structure data collection sheets for manned entry of the 4<sup>th</sup> St sanitary box; while Messrs. Micheals and Reicher were in the sewer they would take photos and measurements and describe location of inflowing pipes and channel structures and radio them back to me on the surface where I compiled the data onto the data collection sheets with sketches and measurements; used data from structure data sheets to update the GIS with our measurements and values; created shapefiles and shared the shapefiles and structure data collection sheets with Haas & Associates and Strand Engineering for them to incorporate into their modeling.
- Performed an extensive review of as-built drawings, new aerial orthophotography, and field-verified data when necessary, to complete comprehensive GIS updates to sewer infrastructure portion of Ohio St reconstruction project.
- NICTD Double Track project: With Messrs. Gorczyca, Micheals, and Stanford, compiled a Disposition of Comments to NICTD regarding their 100% plans shared with us early in the year after a great deal of work during their 60% and 90% plan windows in 2020; upon hearing back from them, provided NICTD and District engineers with a series of strip maps showing updated sewer data within the project limits as well as a series of maps showing sewer segments within the project area to be abandoned and capped during construction.
- Proposed Lake Kai Development: Completed report detailing existing sewer conditions, pipeline and lift station capacity analysis, calculations of peak factor, daily flow rates, and maximum daily intake values for proposed Lake Kai housing development; included maps and sewer video assessments.
- On-site for fieldwork, dye-testing, jet-vacuuming, etc., at alley between 4<sup>th</sup>, 5<sup>th</sup>, Washington, and Franklin; gathered information to include in report submitted to management regarding the sink hole and sewer issues present there summarizing findings, work performed, and recommended course of action; remediation occurred September-October.
- Created a series of eight sewer infrastructure maps for Mr. Ethan Zartman with Lawson-Fisher Associates, regarding pre-construction planning for 2023 resurface project, near requested intersections with Rt 12: Lincoln, McClelland, Francisco, Pine, Cook, Washington, Spring, and Liberty Tr; also provided him with shapefile data for structures and pipes within 100-ft radius of each intersection.
- Shot elevations/grades with Mr. Stanford for numerous projects.
- Reviewed numerous INDOT pre-project utility coordination requests and provided maps, data, and narratives describing District infrastructure within or near proposed project areas when necessary; submitted formal responses on the District's behalf for all such projects.

**Vector Control, Forestry, Street Department, Parks and Recreation**

- Created a map showing all utilities, existing and proposed facilities, parking areas, walkways, and utility relocations, at Water Tower Park on Broadway St for Mrs. Eason with the Parks Department; a detailed map was required for inclusion with a grant she applied for with the Land and Water Conservation Fund for potential upgrades to the park.

- Created a 25-page book of updated maps showing District areas of mowing and landscaping responsibility after taking on a portion of Vector's mowing areas; consulted with Messrs. Allender and Micheals to ensure accuracy of locations and updated GIS accordingly; map book to be used by District personnel to denote date of mowing/landscaping at each site.
  - Created new ADA Paratransit Dial-A-Ride card for the Transit department.
  - Met with Messrs. Shinn, Jackson, Fugate, Loniewski, Voltz, Yanke, and Greetham at Fedders Alley and You Are Beautiful lot next to City Hall to discuss parking logistics for Boat Race weekend; created a map of proposed parking configuration for You Are Beautiful lot; met with Mr. Fugate in early August to GPS points in Fedders Alley for additional parking configuration map there as well; provided maps to Messrs. Shinn and Fugate prior to Boat Race weekend for their implementation during the weekend.
  - Used GIS to calculate approximate square footage of areas to be repaved near the clubhouse at the Municipal Golf Course.
  - Created an annotated map of the golf course with hole details, parcel acreages, etc., for the Mayor's Office for a meeting with a potential redeveloper.
- Created five maps for Mrs. Tillman showing each Transit bus route and all routes and printed on 24" x 36" mylar so she can annotate them as needed during route reconfiguration process.

### **Engineering**

- In 2020, created a master PASER (pavement surface evaluation and rating) shapefile using data originally compiled years ago by Global Engineering, which included all non-state, non-federal, and non-private roadways within City limits; added and populated numerous fields to this dataset for the City's use throughout 2020 and in early 2021, added new fields to be used during periodic re-assessment and re-scoring so that a history of the scores for each segment can be maintained and changes tracked.
- Created a variety of maps for Mr. Wright showing various configurations of the PASER data, project-specific for whichever areas he requested, including by score range, within TIF districts, by Ward, etc.; performed a variety of calculations using GIS to determine square- and linear-footage values for potential repaving candidate roadway segments.
- Met with Mr. Wright and Mr. Tony Hendricks (county surveyor) to discuss logistics of Mr. Hendricks' city-wide PASER data update survey in September-October; created AGOL account for Mr. Hendricks for his use during the data compilation.
- Maintained PASER data in AGOL webmap for Mr. Wright and others to use to update data from the field in real-time.
- Created GIS shapefiles detailing Mr. Wright's proposed 2022-2026 paving plan prior to Mr. Hendricks' PASER reassessment.
- Downloaded updated PASER data collected by Mr. Hendricks from AGOL app and imported into GIS; copied or appended new scores from app dataset into master GIS PASER shapefile.

- Using updated data from Mr. Hendricks' PASER observations, created a list for Mr. Wright showing each roadway segment included in his paving list that changed from a PASER score of 3 or lower to 4 or higher (generally the cutoff for needing a repave) with comments and maps when necessary; he amended his five-year paving plan accordingly, which I then updated in the GIS.
- Created a series of maps for Mr. Wright showing clustered areas of proposed 2022 paving list, highlighting areas that have combined sewers, so that the elimination of those combined sewers can be factored into design of each paving project.
- Traveled to over two dozen railroad crossings to denote the presence of warning lights and gates; Councilwoman Zygas requested a list of crossings in residential areas with/without these features; created map for Ms. Zygas showing all Amtrak and CSX at-grade railroad crossings in town, color-coding the crossings by presence of warnings lights and/or automatic gates; also provided her a spreadsheet of data gathered.
- With assistance from Mr. Goodwin, embedded a webmap on the City's website showing active road closures, active construction areas, parade routes, proposed 2022-2026 paving project limits, and NICTD and NIPSCO project areas, using information provided by Mr. Wright.

### **Fiber**

- Provided numerous maps of local infrastructure to Clerk's office to assist with fiber boring permit application processing; responded on behalf of MCIT when necessary regarding acceptance of proposed work scopes.
- Geolocated and white-lined proposed handhole locations and bore route for MCIT fiber run beneath Rt 12 near Wescott Park.
- Created proposed road closures and detours map for Messrs. Borolov and Matanic to present to the Board of Works for approval; would temporarily close Pine St near City Hall to perform road cut to install fiber and conduit.
- Geolocated proposed bore route, termini, curbs, handholes, and other points across MCIT's proposed bore path beneath Rt 12 for fiber line installation; uploaded points to GIS and created maps showing elevations of each point and proposed route for Mr. Borolov.
- With Mr. Borolov, used tracer wire and GPS to geolocate the exact route and depth of MCIT fiber bore route from handhole at Wescott Park to handhole near city hall parking lot; marked location and depth of conduit information, uploaded points to GIS, and modified fiber shapefiles accordingly.
- Prepared and shared with Mr. Wright updated fiber and handhole shapefiles for him to include in as-built drawings he prepared for submittal to INDOT for ratification of MCIT's installation permit.

### **Planning and Redevelopment**

- Prepared maps and parcel lists for a variety of planned developments, activities, and anything else needed by planning staff: tax sale properties map and database, façade district maps, revised TIF maps, map and dataset of vacant city-owned parcels, and map and dataset of all city-owned parcels, etc.

- Using list provided by Mr. York and Mrs. Tillman, created a GIS record of the proposed locations of 28 new bus stop shelters; created three maps: one for all locations south of Coolspring Ave, one for all locations north of Coolspring Ave, and one showing the 12 priority locations if funding for all 28 is not attainable.
- Created maps and spreadsheet for Mr. York showing all parcels near the former St. Anthony's Hospital site to be rezoned from Office to Residential or Business, as well as peripheral parcels to be included in mailing lists informing property owners of changes.
- Created a quartet of "housing opportunity site" maps for Mr. York; the MCEDC is looking at acquiring some parcels for potential housing development and are looking at four 20+ acre sites around the city; included elevation contours, zoning designations, parcel owner information, nearby utilities, and floodplain boundaries.
- Created series of maps for Mr. York showing vacant properties owned by the City and by religious organizations, by ward; he will be meeting with a developer to review properties for development potential.
- With Mr. Goodwin's assistance, uploaded a series of new council ward maps to the city website; each councilperson now has a link to a map of their ward with boundaries and streets with a hyperlink on their webpage, as well as an overview map on the Council's main webpage with a map of all ward boundaries.
- Created a shapefile, map, and spreadsheet showing all parcels within a given area zoned R1C or R1D that are smaller than 5000 sq ft; Mr. York wanted a list of potential parcels with this criterion for potential creation of zone for tiny houses.
- Created three maps for Ms. Downs showing all parcels in the city that have applied for a short-term rental permit from July to November 2021.
- Extensive discussion with Mr. Borngraber regarding the creation of a series of 'overlay districts' shapefiles outlining a variety of overlays/zones/corridors to be included in a webmap that Planning and Redevelopment can utilize/reference more easily than hardcopy maps; overlays include historic districts, TIFs, PUDs, waterfront view protection, state highway corridors, and form-based development districts; uploaded completed overlay shapefiles to AGOL webmap in early January 2022 upon completion.

### **Tyler Community Development**

- Acquired most recent address point and parcel data from Mr. Ordziejewski (County GIS officer); formatted all datasets accordingly and used table joins to combine new data with existing datasets to prepare for upload to NWERP; formatted all datasets appropriately to format parcels to NWERP standards and ensure each one has a unique address designation; in all, spent approximately 32 hours reviewing and formatting City parcel data to prepare for upload to Tyler NWERP for use by city departments; uploaded what I could in July, as NWERP is rather burdensome to work with oftentimes.

- Updated the list of City parcels with multiple addresses listed on them (originally created in mid-2020) and created a new record for each in the master parcel spreadsheet so that they adhere to Tyler NWERP upload requirements and function properly within; uploaded this dataset upon completion.

### **KorTerra Ticket Management**

- Maintained KorWeb ticket management suite; coordinated with locators to streamline sewer and fiber locate processes; sifted through bulk locates to clear those within service areas but not near our infrastructure; submitted locates for collections and IT whenever requested to do so.
- Conducted daily checks of all incoming tickets to clear those not within our established service areas, among other administrative duties.
- Provided service area and infrastructure location updates periodically to KorTerra tech team for input into their software so that our locators always have updated field data available to them in the field.
- Completed configuration of KorWeb accounts for Mr. Wright and Mr. Russell with Midwestern Electric; they now manage all city-owned streetlight and intersection underground electric facilities locates.

### **Storm Water Advisory Group Residential Resolutions Report (SWAGRRR)**

- Worked with Messrs. Byers and Stanford to maintain a GIS dataset for all flooding/stormwater issue sites discussed at Storm Water Advisory Group (SWAG) meetings or brought to our attention internally; Mr. Byers devised a metric that assigns scores based on various assessed criteria to determine seriousness and scope of the issues discussed and whether the District needs to act upon them; data is (sometimes) discussed each month at SWAG meetings using an ArcGIS Online (AGOL) map that I've incorporated the data into; District employees have gathered info and conducted extensive site analysis for each database item; notes are maintained and information for each site is updated as needed; I input that data into the GIS for database storage, editing, updates, map production, and uploads to AGOL.
- Conducted numerous field checks to verify and update progress/situation of remediation and/or issues at each site, assisting Messrs. Byers, Gorczyca, Stanford, and others when necessary; added new sites to GIS database when warranted.

### **Miscellaneous**

- Stocked, distributed, maintained incoming/outgoing log of, and conducted monthly inventory of PPE and cleaning supplies purchased by MCIT in response to COVID; Mr. Matanic was instrumental in amassing and maintaining a stockpile early and replenishing it often.
- Prepared monthly spreadsheet showing meter readings gathered by Mr. Osos during his monthly inspections; shared data with Mr. Kistler.

- Used Laredo to assist Atty. Meyer by searching for documents within country records for a variety of different projects.
- Called in utility locates whenever needed for District or MCIT sewer repair, fiberoptic installation, and new infrastructure installation.
- Created LandApp maps detailing the locations and tonnage of applied sludge throughout the year.
- Scanned numerous as-builts and other documents into District drives, including Plant Operations and Maintenance Manual and Belt Press Operators' Manual; shared scanned and OCR'd drawings to shared drive.
- Printed numerous sets of as-builts, signs, and other documents with wide-format printer.
- Assisted MCIT whenever necessary with work orders when most of the department was working from home due to COVID restrictions.
- Conducted extensive review of Census Bureau's Boundary Annexation Survey (BAS) materials; determined City's existing data is correct and that we do not need to provide any additional information.
- Compiled and submitted to management a list of all applicable documents regarding the Long Beach sewer project public records request.
- Created revised, drastically expanded version of District service area boundary map, showing entire service area and boundaries of proposed Long Beach expansion in callout on map; also prepared list of parcels included within expansion area for Mr. Kistler.
- Created a series of maps for Mayor Parry and Messrs. Kuss and Yagelski showing snow routes and the amounts of sidewalk mileage within each one; also prepared list of sidewalks in the city for the Mayor for sidewalk assessment survey.
- Completed NASSCO MACP/LACP/PACP (manhole, lateral, pipeline) inspection recertification training course through online portal; also registered Messrs. Barnett and Wilson for the same course, which they also completed.

### **Meetings, Zoom Calls, and Teleconferences**

- Compiled all registration information for all District attendees to the three-day WWETT show in Indianapolis in February 2022; booked hotel reservations for our group and registered everyone early for the conference.
- Attended or called in to IT staff meetings.
- Attended or called in to weekly engineering staff meetings.
- Attended monthly SWAG meetings via Zoom.
- Attended Zoom staff meetings whenever they were scheduled.
- Attended numerous conference calls regarding the Double Track project with representatives from the District and NICTD and their engineers.
- Attended North End Capacity Survey meetings throughout the year with other District employees as well as representatives from Haas & Associates and Strand Engineering.
- Virtually attended ESRI webinar: Diving into the Latest GIS Capabilities for Infrastructure Management.

- Partook in conference call with Messrs. Byers, Eskin, and Manz regarding updates to SWAGRRR data collection and sharing of new data with other SWAG members between monthly Zoom meetings.
- Attended presentation, field demonstration, and software tutorial for Infosense, Inc.'s SL-RAT acoustic sewer blockage-detecting technology with numerous members of collections department.
- Attended Long Beach Sewer Project Freedom of Information Act request for information meeting with numerous District employees.
- Attended meeting with MCIT and Zayo Telecommunications regarding future connection configuration between IFN and MCIT fiberoptic networks; created and shared map of proposed connection locations with group.
- Participated in Zoom call to discuss modifications to SEH PER on US 20/35 sewer expansion and created and shared a map of the annexed area with the group.
- Attended meeting in LaPorte with county assessors and GIS analysts to discuss feasibility of creating and sharing a dataset maintaining records of new construction and parcel ownership transfers.
- Attended ElectroScan demo with Messrs. Barnett, Micheals, Reicher, and Wilson, and sales reps from W.E. Simpson.

## 2021 GIS MAP REQUESTS

| Date of Request | Requestor                           | Nature and Scope of Request  | Date of Completion |
|-----------------|-------------------------------------|--|--------------------|
| Dec 21          | Steve Stanford                      | Sewer infrastructure near 218 Elmwood for construction permit application review   | Dec 21             |
| Dec 17          | Arber Himaj                         | Sewer infrastructure near 209 Warren   | Dec 17             |
| Dec 17          | Michael Kuss                        | Sewer infrastructure near Woodside Dr and Barker Rd  | Dec 17             |
| Dec 17          | Chris Yagelski                      | Series of planter and landscaped area maps for Franklin and Wabash areas   | Dec 17             |
| Dec 14          | Michael Kuss                        | LandApp map for new application site at field near intersection of Hwy 421 and W1600S south of Wanatah   | Dec 17             |
| Dec 16          | Arber Himaj                         | Sewer infrastructure near 433 E 8th St; homeowner wishes to construct ADU on the property but the sewer main serving the lot is on the opposite side of the lot from the proposed ADU location | Dec 16             |
| Dec 14          | Atty. James Meyer                   | Sewer infrastructure near E 8th and Michigan Blvd regarding proposed new housing development   | Dec 14             |
| Dec 14          | Sue Downs                           | Three maps showing all parcels in the city that have applied for a short-term rental permit in the last few months   | Dec 14             |
| Dec 14          | John Gorczyca                       | Sewer infrastructure near Eddy St and Barker Rd; ponding water observed here and new storm drain configuration likely needed   | Dec 14             |
| Dec 14          | Steve Stanford                      | Sewer infrastructure on Karwick Rd near the proposed new apartment complex north of Springland Ave (316 Karwick)   | Dec 14             |
| Dec 3           | Steve Stanford                      | Map with annotations and photographs showing locations of infiltration along E 8th St between the NIPSCO entrance and the dead end manhole ~100 ft east of intersection with Michigan Blvd     | Dec 8              |
| Dec 8           | Steve Stanford                      | Two maps for construction permit application reviews: 220 Arndt and 925 Broadbrook   | Dec 8              |
| Dec 7           | Arber Himaj                         | Map for construction permit application review: 626 Washington Park Blvd   | Dec 7              |
| Dec 2           | Tyler Wilson                        | Map to be used during Mr. Wilson and I's geolocating and rim/invert elevation calculations for structures within NECS boundary identified by Strand as needing more information                | Dec 2              |
| Dec 1           | Steve Stanford                      | Sewer infrastructure along Rt 12 from botanical garden to Liberty Tr   | Dec 1              |
| Nov 30          | Steve Stanford                      | Sewers near proposed new homes on Lake Ave   | Nov 30             |
| Nov 29          | Steve Stanford                      | Map showing elevation values geolocated along W 8th St near Tennessee St; an RFQ for urgent structure repair will be drafted soon to ameliorate broken stormwater intake structure here        | Nov 30             |
| Nov 29          | Michael Kuss                        | Sewers near 45 Duneland Beach Dr   | Nov 29             |
| Nov 29          | Steve Stanford                      | Sewers near Rt 20 and Johnson Rd; potential future development here will require connections   | Nov 29             |
| Nov 29          | Steve Stanford                      | Two sewer maps for HDD bore permit application reviews: 100 Boone and 555 Sheridan   | Nov 29             |
| Nov 23          | Skyler York                         | Map of all parcels issued a short-term rental permit by the city between August 19 and November 24   | Nov 24             |
| Nov 23          | Arber Himaj                         | Sewers near 107 Whisper Dunes Dr for construction permit application review  | Nov 24             |
| Nov 23          | Skyler York                         | Sewers near Michigan Blvd and E 8th; developer is proposing an apartment complex   | Nov 23             |
| Nov 22          | Arber Himaj                         | Sewers near 1415 E 8th for construction permit application review  | Nov 22             |
| Nov 19          | Steve Stanford                      | Map showing sewers along Royal Rd serving Midwest Wheelcoaters   | Nov 19             |
| Nov 18          | Fran Tibbot, LP EMA                 | Basic city-wide map with street names and municipal boundaries   | Nov 18             |
| Nov 18          | Jeff Wright                         | Sewer infrastructure near 447 Walker St  | Nov 18             |
| Nov 18          | Steve Stanford                      | Sewer infrastructure near W 8th and Tennessee  | Nov 18             |
| Nov 15          | Ethan Zartman, Lawson-Fisher Assoc. | Series of eight sewer infrastructure maps showing requested intersections within proposed 2023 Rt 12 repave corridor   | Nov 17             |
| Nov 16          | Arber Himaj                         | Sewers near 410 Hayes Ave; property owner wishes to build there soon   | Nov 16             |
| Nov 2           | Dalia Zygas                         | All CSX & Amtrak at-grade RR crossings in town, color-coding crossings on map by presence of warning lights and/or automatic gates   | Nov 10             |
| Nov 9           | Arber Himaj                         | Sewers near 1509 Lakeshore for construction application permit review  | Nov 9              |
| Nov 8           | Arber Himaj                         | Two sewer maps for construction permit application reviews: 401 Grace and 1126 S Carroll   | Nov 8              |
| Nov 8           | Jeff Wright                         | Series of maps showing sewer infrastructure near proposed 2022 paving segments   | Nov 8              |
| Nov 2           | Arber Himaj                         | Sewers near Ohming and Arndt for construction permit application review  | Nov 2              |
| Nov 1           | Steve Stanford                      | Map showing sewers and areas of minor groundwater infiltration along E 8th sanitary line between E St and Michigan Blvd  | Nov 1              |
| Oct 29          | Atty. James Meyer                   | Maps showing sanitary infrastructure in relation to proposed NW Health Clinic on Johnson Rd; they're considering connection to District mains but currently are well over a mile away          | Oct 29             |
| Oct 28          | Michael Kuss                        | Sanitary infrastructure and private forced main near MC-LB border on Lake Shore Dr; need to determine connection points for some homes here  | Oct 28             |
| Oct 26          | Steve Stanford                      | Map showing all county legal drains within City limits   | Oct 26             |
| Oct 26          | Jim Micheals                        | Storm infrastructure near retention area near Franklin St Dunkin and Verizon   | Oct 26             |
| Oct 26          | Scott Dompke, W.E. Simpson Eng.     | Two sewer maps for ElectroScan demo: 100 blk Sunset Dr and 2700-2800 blks Springland Ave   | Oct 26             |
| Oct 25          | Arber Himaj                         | Sewers near 717 N Karwick Rd and Sanders Ave; module homeowners wish to connect to mains nearby  | Oct 25             |
| Oct 25          | Jeff Wright                         | Sewers in forested lot between Mulligan Ave and Weil-McLain property   | Oct 25             |
| Oct 25          | Steve Stanford                      | Sewers in 100 blk S Woodland Ave   | Oct 25             |
| Oct 21          | Steve Stanford                      | Updated map of HDD bore map and sewers for proposed Washington St-10th St alley HDD project  | Oct 21             |
| Oct 14          | Scott Dompke, W.E. Simpson Eng.     | Maps and shapefiles of proposed locations for ElectroScan demo next week   | Oct 21             |
| Oct 19          | SEH Eng.                            | Map of recently-annexed portion of Michigan City near proposed sewer extension project   | Oct 19             |
| Oct 19          | Arber Himaj, Steve Stanford         | Two sewer maps for HDD bore applications: 7714 Meer and 305 Golf   | Oct 19             |
| Oct 18          | Arber Himaj, Steve Stanford         | Two sewer maps for HDD bore applications: 6101 Cleveland and 2102 Wabash   | Oct 18             |
| Oct 13          | Josh Fleming, Meade Const.          | Sewers along Pahs Rd from Lindsay Ln to Cleveland Ave  | Oct 13             |
| Oct 13          | Steve Stanford                      | Storm sewers on Barker Rd from Cleveland Ave to Beaver Dr; homeowner complaint of pooling/ponding stormwater nearby  | Oct 13             |
| Oct 13          | Steve Stanford                      | Sewers near 2402 Greenwood Ave   | Oct 13             |
| Oct 13          | Colin Marshall, homeowner           | Sewers near Ohming/Arndt intersection; he wishes to construct homes on north side of Arndt and needs to configure laterals as to not interfere with stormwater holding infrastructure nearby   | Oct 13             |
| Sep 27          | Shannon Eason                       | Map of Water Tower Park adhering to all requirements set by Land and Water Conservation Fund, for inclusion in grant application for funds to upgrade the park; awaiting utility locates       | Oct 13             |
| Oct 6           | Arber Himaj                         | Sewer infrastructure near I-94/US 20 cloverleaf interchange  | Oct 6              |
| Oct 5           | Jim Micheals                        | Sanitary sewers near Rt 20 from 421 to Cleveland Ave   | Oct 5              |
| Oct 4           | Mayor Duane Parry, Michael Kuss     | Series of maps showing snow routes and calculated approximate sidewalk footage within each route   | Oct 5              |
| Sep 30          | Steve Stanford                      | Sewers and lateral locations along Blackberry Tr, for inclusion in District response to construction permit applications   | Sep 30             |
| Sep 29          | Andrew Matanic, Terry Borolov       | Proposed road closures and detours map to present to Board of Works; would temporarily close some roads near city hall for fiber boring and installation work                                  | Sep 29             |

| Date of Request | Requestor                         | Nature and Scope of Request  | Date of Completion |
|-----------------|-----------------------------------|--|--------------------|
| Sep 20          | Steve Stanford                    | Sewers and lateral locations in 300-400 blks of Walker St, as well as location of dips in line, for inclusion in documentation sent to Mr. Doyle for engineering                           | Sep 28             |
| Sep 24          | Jeff Wright                       | Map and spreadsheet detailing all brick street segments in the city with breakdown by length, width, and area  | Sep 24             |
| Sep 22          | Ed Shinn                          | Map showing outline of proposed repaving areas at Municipal Golf Course with area calculations   | Sep 22             |
| Sep 21          | Tyler Wilson                      | Map showing sewers to be videoed as part of August Mack soil boring and analysis project near 8th St and Michigan Blvd   | Sep 21             |
| Sep 20          | Steve Stanford                    | Maps showing sanitary sewers near 447 Walker St and flow route from that address back to the WWTP  | Sep 20             |
| Sep 20          | Arber Himaj, Steve Stanford       | Map showing sewer infrastructure and flow discharge routes for 410 E 9th St  | Sep 20             |
| Sep 13          | Steve Stanford                    | Map showing updated sewer infrastructure findings at 4th-5th-Washington-Franklin alley sink hole area  | Sep 20             |
| Sep 17          | Steve Stanford                    | Two maps showing storm and sanitary infrastructure near 8th, Hobart, Vail, and Blvd, to be shared with August Mack for plume investigation   | Sep 17             |
| Sep 17          | Arber Himaj, Steve Stanford       | Two maps showing sewer near 65 Timber Tr and 812 Essex Ln for construction permit application review   | Sep 17             |
| Sep 9           | Arber Himaj, Steve Stanford       | Annotated map showing screenshots of Arby's storm sewer at various points from the catch basin the transporter was videoing from; pipe appears to be in good shape throughout its run      | Sep 14             |
| Sep 13          | Arber Himaj, Steve Stanford       | Two maps of sewer infrastructure near locations for which construction permit applications have been submitted: 108 California and Washington Park Zoo big cats expansion                  | Sep 13             |
| Sep 13          | Steve Stanford                    | Sewers near 827 Franklin; Royale Burgers had a bug problem   | Sep 13             |
| Sep 2           | Skylar York                       | Shapefile, map, and spreadsheet showing all parcels within a given area zoned R1C or R1D that are smaller than 5000 sq ft; these parcels fit potential criteria for tiny houses            | Sep 2              |
| Sep 1           | Casey Richards, Great Lakes Eng.  | Series of maps showing all sewer infrastructure along Eastwood Rd with rim/invert, pipe material, and size labels  | Sep 1              |
| Sep 1           | Jim Micheals                      | Sewer infrastructure near 121 Eddy St and Barker Rd  | Sep 1              |
| Sep 1           | Skylar York                       | Updated map of Transit Development District showing pared-down 314 acre area to be included  | Sep 1              |
| Aug 30          | Mayor Parry                       | Map showing North Golf Course with routing and yardages for meeting with developer/designer  | Aug 30             |
| Aug 30          | Steve Stanford                    | Sewer infrastructure near Arby's on Rt 12, a dip in parking lot may be attributed to issues with storm main beneath drive-thru lane  | Aug 30             |
| Aug 27          | Tyler Wilson                      | Sewer infrastructure in alley between 4th, 5th, Franklin, and Washington, for reference during video inspection and cleaning   | Aug 27             |
| Aug 27          | Steve Stanford                    | Sewers in vicinity of proposed HDD bore for 3012 Moore Rd  | Aug 27             |
| Aug 24          | Mitch Bishop, LP Co. Planner      | Sewer infrastructure in the vicinity of the I-94/Rt 20 cloverleaf interchange, he is investigating the feasibility of a new TIF district in the area                                       | Aug 24             |
| Aug 24          | Steve Stanford                    | Sewers near 100 Garden Tr in Pott. Park  | Aug 24             |
| Aug 23          | Joe Davis, Bloomfield Mechanical  | Sewers near former Bosak Honda dealership at 700 E Rt 20   | Aug 23             |
| Aug 20          | Steve Stanford                    | Sewers near 500-600 blocks of Northbrook Dr  | Aug 20             |
| Aug 19          | Steve Stanford                    | District infrastructure near proposed HDD bore route along 11th and York   | Aug 19             |
| Aug 19          | Tyler Wilson                      | Storm sewers near Rt 12 and Michigan Blvd  | Aug 19             |
| Aug 16          | Steve Stanford                    | Map showing sewers and property bounds near proposed City alley vacation near Woodlawn and Winnipeg  | Aug 16             |
| Aug 16          | Steve Stanford                    | Annotated map detailing sanitary main and lateral connections in alley between Fogarty and Felton  | Aug 16             |
| Aug 13          | Steve Stanford                    | Sewers near 600 blk Dupage St  | Aug 13             |
| Aug 12          | Steve Stanford                    | Sewers near 100 block of Warren Dr, homeowner is interested in connecting new lateral to our main  | Aug 12             |
| Aug 11          | Steve Stanford                    | Map showing sewer infrastructure near Moss Pkwy and Childers Ln  | Aug 11             |
| Aug 10          | Arber Himaj                       | Multiple maps for HDD bore permit applications: 107 Whisper Dunes, 104 Lady Ln, 2301 Ohio St   | Aug 10             |
| Aug 10          | Jeff Wright, Skylar York          | Map showing sewer infrastructure along Mayfield Dr, highlighting parcels that do not currently have a service lateral installed (all currently vacant lots)                                | Aug 10             |
| Aug 9           | Steve Stanford                    | Map showing sewers and property bounds near a City-owned lot on Beverly Dr that will shortly be up for sale  | Aug 9              |
| Aug 6           | Scott Kistler, Michael Kuss       | Map showing existing SDMC service area boundary and proposed area of incorporation within Long Beach in callout box on map, with list of parcels in Long Beach to be included              | Aug 6              |
| Aug 5           | Steve Stanford                    | District infrastructure near proposed HDD bore route along 10th and Pine   | Aug 5              |
| Aug 5           | Tim Haas, Steve Stanford          | Map showing locations of sanitary sewer stubs out of the dead-end manholes along Jake Ln in Beachwalk that could serve proposed development to the south along Wash Park Blvd              | Aug 5              |
| July 30         | Ed Shinn, Lukas Fugate            | Map of proposed boundaries of parking lanes, ingress/egress, thruways, obstacles, and no-parking zones within Fedders Alley grassy area to be used to coordinate parking during Boat Races | Aug 4              |
| Aug 3           | Jim Micheals                      | Sewers near Rt 12 and Cook St  | Aug 3              |
| July 30         | Arber Himaj                       | Map showing sewers near 1001 E Coolspring for construction permit review   | July 30            |
| July 29         | Jeff Loniewski, Ed Shinn          | Draft map of proposed grass parking configuration at You Are Beautiful lot next to city hall for boat race overflow parking  | July 30            |
| July 27         | Kaleb Goodwin                     | Series of individual ward maps for upload to city council members' webpages  | July 28            |
| July 27         | Arber Himaj                       | Sewers near 302 Bies for construction permit review  | July 27            |
| July 26         | Michael Kuss                      | Map showing three SWAGRRR sites along Rt 12 with descriptions of problem, cost analysis, and potential solutions for each one; taken from Mr. Byers notes                                  | July 26            |
| July 26         | Steve Stanford                    | Map showing sewer infrastructure and manhole rim and invert data for all sewers flowing from Jake Ln through Beachwalk to the Beachwalk Lift Station                                       | July 26            |
| July 23         | Michael Kuss                      | Maps showing sewers, ditches, and drains flowing into White Ditch near Rt 212  | July 26            |
| July 23         | Skylar York                       | Series of maps showing vacant properties owned by the City and by religious organizations, by ward   | July 23            |
| July 23         | Arber Himaj                       | Maps showing sewer infrastructure near 1222 W Garfield and 940 Liberty for construction permit review  | July 23            |
| July 22         | Tyler Wilson                      | Sewers near Orchard Ln and DeWolfe St for sewer cleaning and televising after backup reports   | July 22            |
| July 22         | Kaleb Goodwin                     | ArcGIS Online webmap showing all city council ward boundaries, to be shared to council webpage on the City site  | July 22            |
| July 21         | Tyler Wilson                      | Sewers near Lindsay Ln and Meadowdale subdivision for (next areas of cleaning and televising schedule)   | July 21            |
| July 20         | Jeff Wright                       | Map of sewers near zoo entrance for GPS work   | July 20            |
| July 19         | Melody Haynes                     | ArcGIS Online webmap showing all District sewers, to replace the outdated wall map of sewers she has   | July 20            |
| July 19         | Arber Himaj                       | Maps showing sewers near 538 Boyd and 1408 Manhattan for construction permit review  | July 19            |
| July 15         | Jeff Oltmanns, Global Engineering | Sewers near Eastwood and Tryon, for inclusion in design of potential new residential subdivision there   | July 15            |
| July 15         | Jim Micheals                      | Sewers near Tremont, Pearl, Dupage, and Poplar for SL-RAT demo with Infosense  | July 15            |
| July 14         | Steve Stanford                    | Map showing sewer infrastructure near 11th, Tennessee, and Ohio, for HDD bore permit application review  | July 14            |
| July 12         | Arber Himaj                       | Maps showing sewers near 5200 Franklin, 312 E 8th, and Hearthside factory for construction permit review   | July 12            |
| July 9          | Atty. James Meyer                 | Sewers near 915 Winnipeg St; homeowners are wishing for city all to be vacated so that they may combine their parcels into one   | July 12            |
| July 9          | Arber Himaj                       | Sewers near 206 Louisiana for construction permit review   | July 9             |

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|-----------------|-----------------------------------|--|--------------------|
| July 8          | Steve Stanford                    | Map showing district infrastructure near proposed HDD bore at Sheridan and W 10th  | July 8             |
| July 8          | Arber Himaj                       | Sewers near 205 Georgia for construction permit review   | July 8             |
| July 7          | Michael Kuss                      | Map showing District service area  | July 7             |
| July 7          | Tyler Wilson                      | Map of sewers near 115 Blaine for cleaning and televising activities   | July 7             |
| June 28         | Arber Himaj                       | Annotated map showing sewers with photos of laterals in 200 blk Marquette Tr   | June 29            |
| June 28         | Tyler Wilson                      | Sewers between 8th and 10th on Franklin St for sewer cleaning and televising activities  | June 28            |
| June 25         | Craig Easley, homeowner           | Annotated map showing sewers with photos of laterals near 120 Georgia Ave  | June 28            |
| June 8          | Phil Allender, Jim Micheals       | Series of maps showing District areas of mowing and landscaping maintenance responsibility   | June 28            |
| June 25         | Steve Stanford                    | Sewer infrastructure near 607 Emily St for construction permit application review  | June 25            |
| June 25         | Steve Stanford                    | Sewers near 318 S Park St for construction permit application review   | June 25            |
| June 24         | Arber Himaj                       | Sewers near Washington Park Blvd Lot 40 (south side, between Hilltop Rd entrances)   | June 24            |
| June 24         | Tyler Wilson                      | Sewers near Pine St & E 11th St for sewer cleaning and televising  | June 24            |
| June 17         | Dave Miltenberger, property owner | Sewers near 507 Lakeshore Dr; considering constructing a new home on this site in the future   | June 17            |
| June 14         | Steve Stanford                    | Maps showing sanitary flow routes from proposed connections to SDMC mains from proposed Lake Kai development   | June 15            |
| June 14         | Steve Stanford                    | Five maps for construction or boring permit application review: 222 Fogarty, 2904 E Michigan, 7008 W Hwy 20, 3505 E Hwy 12, 418 Jackson  | June 14            |
| June 11         | Steve Stanford                    | Map showing sewer infrastructure in the vicinity of proposed fiber bore from Horizon Bank at 5th St to intersection of Lafayette and 8th   | June 14            |
| June 11         | Michael Kuss                      | Map showing sewers with rim, invert, depth, and grade data for sewers near Woodland and Welnetz  | June 11            |
| June 11         | Andrew Matanic                    | Map showing MCIT fiber routes to be installed prior to power boat races in August in Washington Park   | June 11            |
| June 10         | Steve Stanford                    | Two sewer infrastructure maps for HDD bore application review: 709 York and 719 Fairfield  | June 10            |
| June 10         | Bernie Bono, engineer             | Map showing sewers near Eastwood and Tryon; potential residential subdivision to be constructed nearby   | June 10            |
| June 9          | Tyler Wilson                      | Sewers near Michigan Blvd and Poplar St for televising and cleaning activities   | June 9             |
| June 9          | Arber Himaj                       | Annotated map showing sewers and photos of taps in 200 blk E 11th St near probable shared tap location   | June 9             |
| June 8          | Shong Smith                       | Series of maps showing city council ward boundaries  | June 8             |
| May 27          | Linda Conner, homeowner           | Sewers near 445 Lupine Ln in Michiana Shores; her property is outside city limits but we have videoed evidence of a tap from her parcel to our sanitary main and she wants to connect                    | May 27             |
| May 26          | Skyler York                       | Map and spreadsheet showing parcels and owner address info for parcels adjacent to former St Anthony's Hospital site which are to be rezoned   | May 27             |
| May 24          | Robin Tillman                     | Five maps showing Transit bus routes printed on 24x36" mylar to be overlaid and annotated as part of route redesign process due to closings and cul-de-sac-ing of cross streets with 11th St             | May 27             |
| May 25          | Tyler Wilson                      | Two maps for sewer televising activities: 600 blk Gardena, 1000 blk Tennessee  | May 25             |
| May 24          | Mike Conner, realtor              | Map showing parcels on Mayfield Dr which do not currently have lateral connections into the existing sanitary main   | May 24             |
| May 24          | Steve Stanford                    | Three maps for inclusion in District response to construction permit applications: 2320 Normandy, 620 Pearl, 108 Whisper Dunes   | May 24             |
| May 24          | Don Grote, homeowner              | Sewer infrastructure near his property in Pottawatomie Park that's just outside our current service area   | May 24             |
| May 21          | Louis Name, homeowner             | Map showing location of laterals serving his properties at 2404 and 2406 Greenwood Ave   | May 21             |
| May 21          | Steve Stanford                    | Sewers and tap locations for homes near intersection of Lakeshore Dr and Illinois Ave  | May 21             |
| May 21          | John Cook, potential homeowner    | Sewer infrastructure near his potential property in Pottawatomie Park  | May 21             |
| May 20          | Michael Kuss                      | Sewer infrastructure near Rt 20 / I-94 interchange   | May 20             |
| May 20          | Tyler Wilson                      | Three maps for sewer televising activities: Sherman Ave/Rt 12, Grant St/W 8th St, Patrick St   | May 20             |
| May 14          | Warren Opperman, engineer         | Map showing sewer infrastructure with known rim/invert data for sanitary and storm sewers near intersection of Rt 20 and Rt 421  | May 18             |
| May 17          | Tyler Wilson                      | Two maps for sewer televising activities: 300 blk S Hendricks and 400 blk E Coolspring   | May 17             |
| May 14          | Collections Department            | Annotated map showing locations of backups in main and laterals in alley behind 1100 blk Bolka St  | May 14             |
| May 14          | MCFD                              | Maps showing location of fire hydrants throughout city, alphanumericly gridded with listing of streets within each grid  | ongoing            |
| May 13          | Ernest Rosato, developer          | Sewer infrastructure near 100 Washington St, site of potential condo development   | May 14             |
| May 13          | Skyler York                       | Four "housing opportunity site" maps; MCEDC is looking at acquiring parcels for potential development; site maps included contours, owner info, utilities, zoning designations, and floodplain status    | May 13             |
| May 12          | Tyler Wilson                      | Sewers near Washington St and 2nd St for video review  | May 12             |
| May 11          | Steve Stanford                    | Map showing sanitary sewer flow route from Water Department treatment plant on Trail Creek back to the Sanitary District   | May 11             |
| May 11          | Skyler York                       | Map and spreadsheet showing all parcels near former St Anthony's Hospital site to be rezoned   | May 11             |
| May 10          | Vitaliy Morozov, engineer         | Sewer infrastructure near 107 W Coolspring Ave, soil borings to take place in near future  | May 10             |
| May 10          | Tyler Wilson                      | Map showing all upcoming areas to be included in sewer cleaning and televising schedule  | May 10             |
| May 4           | MCFD                              | 36x48" map showing all fire hydrants in the city by color  | May 7              |
| May 7           | Shong Smith                       | 36x48" map showing all city streets PASER rated between 4 and 6; Street Dept will be using scores to determine which street segments can be crack-sealed this year                                       | May 7              |
| May 7           | Jeff Wright                       | Map and shapefiles for future analysis of Lafayette-Barker storm system  | May 7              |
| May 6           | Reilly Manz                       | Map and narrative describing new SWAGRRR site at Rt 12 and Custer Ave; water pools and ponds in roadway following rain events  | May 6              |
| May 5           | Steve Stanford                    | Second, revised map of sewer infrastructure near Felton, Lake, and Fogarty   | May 5              |
| May 3           | Steve Stanford                    | Sewer infrastructure near 215 W William  | May 3              |
| May 3           | Steve Stanford                    | Map of sewer infrastructure near Felton, Lake, and Fogarty   | May 3              |
| April 28        | Arber Himaj                       | Map of sewer infrastructure and narrative regarding the subdivision plat and sewers within Lakeside Cottages subdivision   | April 29           |
| April 27        | Jim Micheals & Steve Stanford     | Lincoln Ave sewer infrastructure from W 8th to Rt 12, with annotations and pictures showing cracking, warping, holes, and other structural anomalies, to be included in potential RFQ for street rebuild | April 28           |
| April 27        | Tyler Wilson                      | Sewers near Lincoln, McClelland, Rt 12 for collections staff during cleaning and televising  | April 27           |
| April 27        | Tony Stahoviak, property owner    | Sewers near Felton and Lake Ave, he intends to build a house near there  | April 27           |
| April 26        | John Gorczyca & Jim Micheals      | Storm infrastructure on E 8th from Michigan Blvd to WWTP   | April 27           |
| April 26        | Tyler Wilson                      | Sewers on Lake Ave from Arndt to Blaine  | April 26           |
| April 23        | Colvin Construction               | Sewers and laterals to main behind 302 Bolka Ave; home to be constructed there on currently vacant lot   | April 23           |

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| April 22        | Steve Stanford                     | Sewers near 502 E 8th St for construction permit application   | April 22               |
| April 21        | Arber Himaj                        | Sewers near 1202 Washington St for construction permit review  | April 21               |
| April 21        | Arber Himaj                        | Sewers near 1202 Cottage Lane for construction permit review   | April 21               |
| April 20        | Steve Stanford                     | Sewer infrastructure at Whisper Dunes Dr for HDD bore permit application review  | April 20               |
| April 20        | Steve Stanford                     | Sewers near 325 S Woodland Ave for construction permit review  | April 20               |
| April 13        | Robin Tillman & Skyler York        | Three maps showing locations of 28 proposed new bus shelters; one for all points north of Coolspring Ave, one for south, and one showing locations of only the 12 "priority" shelters                | April 16               |
| April 15        | Steve Stanford                     | Map showing all west side storm sewers which flow into the 60" main crossing beneath W 10th St at Douglas Ave  | April 16               |
| April 13        | Arber Himaj                        | Sewers near 1001 Eastwood Rd for construction permit review  | April 14               |
| April 13        | Arber Himaj                        | Sewers near 219 Sanborn St for construction permit review  | April 14               |
| April 13        | Steve Stanford                     | Annotated map showing newly-mapped sewer at at 708 W 11th St, to be shared with NICTD for inclusion into their construction plans for Double Track project   | April 13               |
| April 12        | Arber Himaj                        | Sewers near 121 Thomas Blvd for construction permit review   | April 12               |
| April 12        | Tyler Wilson                       | Multiple maps showing sanitary sewer infrastructure in the areas of the west side to be videoed soon as part of the cleaning and televising schedule   | April 12               |
| Mar 26          | Steve Stanford                     | Sewers near a property on Welnetz where homeowner wishes to potentially connect to City sewers   | Mar 26                 |
| Mar 24          | Steve Stanford                     | Sewer infrastructure near Blaine, Mulligan, and Center Ave   | Mar 24                 |
| Mar 22          | Steve Stanford                     | Sewer infrastructure near 205 California Ave; researched Laredo looking for sewer easement for potential tap installation  | Mar 22                 |
| Mar 16          | Steve Stanford                     | sewer infrastructure near 510 Springland Ave; homeowner is requesting to build an expansion to his home and our sewer in his backyard is very shallow and near the proposed construction area        | Mar 16                 |
| Mar 15          | Mike Ordziejewski & Skyler York    | Updated map and shapefile of MC Enterprise Zone using a list of areas included Skyler shared with me that he found at city hall  | Mar 16                 |
| Mar 15          | Shannon Eason                      | Additional map of Water Tower Park area for grant application she's working on with required elements the grantor needs included in the submittal  | Mar 15                 |
| Mar 15          | Tim Larkin, DDCA Architects        | Sewer infrastructure near 710 E Hwy 20, for reference during construction at Honda dealership  | Mar 15                 |
| Mar 12          | Arber Himaj                        | Map showing results of 2015(?) storm sewer outfall survey  | Mar 12                 |
| Mar 12          | Michael Kuss                       | Map showing all sanitary infrastructure with boundaries of the North End Capacity Survey; to be included in Request for Bids packet sent to contractors  | Mar 12                 |
| Mar 11          | Mike Conner, real estate developer | Field-checked manhole depths, reviewed sewer video, and created map showing lateral locations on Cottage Lane, for new home construction   | Mar 12                 |
| Mar 9           | Janice Manik, homeowner            | Map of sewers near her home at 1914 E Coolspring for her to provide to her contractor for future lateral connection; she's currently on septic but has main and plugged wye for tap                  | Mar 9                  |
| Mar 8           | John Gorczyca                      | Map of sewers near 300 blk E 8th St; NIPSCO hit a clay pipe during their pole repairs  | Mar 8                  |
| Mar 5           | John Gorczyca                      | Sewer infrastructure near Fogarty and Ohming, for reference during upcoming sewer install project  | Mar 5                  |
| Mar 5           | Ed Shinn                           | Map showing streets and building footprints near Fedders Alley; he'll be annotating the maps with traffic flow and parking instructions for a parade in the area later this month                    | Mar 5                  |
| Mar 5           | Skyler York                        | Draft map of neighborhoods, parcels, wards, and other demographic subdivisions in advance of meeting with Skyler to determine a series of "beats" for his future code enforcement officers to follow | still in progress 4/13 |
| Mar 4           | Beachwalk HOA                      | Map showing sewers near Beachwalk Ln and Moss Pkwy   | Mar 4                  |
| Mar 4           | Chris Larson, homeowner            | Sewers near his home at 3146 Cleveland; he thinks his lateral needs to be replaced or repaired   | Mar 4                  |
| Mar 2           | Arber Himaj                        | Sewer infrastructure near Lake Ave, Ohming, and Felton; he met with developer Chesley Gilliam regarding construction potential in the area   | Mar 2                  |
| Feb 26          | Tyler Wilson                       | Map showing sewer infrastructure near 212 Decatur St, for assistance with lateral connection issue   | Feb 26                 |
| Feb 24          | Shannon Eason                      | Map showing easement boundaries as described in legal instrument for a sewer easement in Tower Park off of Broadway St   | Feb 25                 |
| Feb 25          | Jim Micheals                       | Map showing sewer infrastructure along Rt 12 from Cook St to Waste Inc site, for an emergency water department repair  | Feb 25                 |
| Feb 23          | Ryan Byers                         | Map showing comparison of 2018 and 2020 aerial imagery near 710 Superior St showing illegal sump pump discharge and its effect on the surrounding roadway surface                                    | Feb 23                 |
| Feb 23          | NICTD                              | Map showing sewer infrastructure and tap locations within the Cedar-Spring-Pine-10th-11th area, for inclusion in their DoubleTrack drawings  | Feb 23                 |
| Feb 23          | Kevin VanSickle                    | Maps showing manholes District is to perform confined space entry in to record information on 4th St Box Sewer for our records and Haas' flow modeling   | Feb 23                 |
| Feb 22          | Mike Conner                        | Map showing existing sewer infrastructure and approximate spot elevations and contours along Washington Park Blvd near Loran Rd, for potential residential development                               | Feb 23                 |
| Feb 19          | Casey Richards                     | Map for Great Lakes Engineering showing storm and sanitary infrastructure near South Ct and Larkspur Ln, for a sewer extension project   | Feb 19                 |
| Feb 18          | Mike Ordziejewski & Skyler York    | Updated map of Michigan City Enterprise Zone boundaries; most recent iteration was over 20 years old   | Feb 19                 |
| Feb 12          | Steve Stanford                     | Three sewer maps for HDD bore permit application review: 208 Cedar Lake Ave, 510 Springland Ave, 301 Homer St  | Feb 12                 |
| Feb 10          | Steve Stanford                     | Series of strip maps showing sewer segments within the DoubleTrack project limits that are to be abandoned   | Feb 10                 |
| Feb 9           | Steve Stanford                     | Map showing sewer infrastructure in the vicinity of Midwestern Electric's HDD bore permit location   | Feb 9                  |
| Feb 4           | John Gorczyca                      | Updated map of 200 blk Detroit St following video review, showing location of laterals and end of line   | Feb 4                  |
| Feb 2           | Steve Stanford                     | Series of strip maps showing updated sewer main and lateral data between Sheridan Ave and Michigan Blvd within NICTD DoubleTrack project boundaries  | Feb 3                  |
| Jan 28          | Jack Eskin                         | Map showing sewer infrastructure near Adams Park in Southgate neighborhood   | Feb 2                  |
| Feb 2           | John Gorczyca                      | Map showing sewer infrastructure near 200 blk of Detroit St, for review prior to potential sewer installation  | Feb 2                  |
| Jan 28          | Arber Himaj & Melody Haynes        | Sewer infrastructure near 307 Duneland Beach Dr  | Jan 28                 |
| Jan 21          | Jeff Wright                        | Sequence of strip maps showing roadway striping along Michigan Blvd from Rt 12 to Meer Rd, for calculating quotes for restriping project later this year   | Jan 28                 |
| Jan 25          | Steve Stanford                     | Annotated map of sewers near 1717 Lake Shore Dr showing tap conditions taken from screenshots from sewer video   | Jan 28                 |
| Jan 27          | Tyler Wilson                       | Map showing next portion of cleaning schedule: Sheridan Ave and West Side  | Jan 27                 |
| Jan 25          | Arber Himaj                        | Sewer infrastructure near 510 Springland   | Jan 25                 |
| Jan 20          | Tyler Wilson                       | Sewer infrastructure near 112 E Coolspring for cleaning and televising activities  | Jan 20                 |
| Jan 19          | Roy Roelke, realtor                | Two maps showing sewer infrastructure near properties he has clients interested in building upon   | Jan 19                 |
| Jan 15          | Steve Stanford                     | Multiple maps showing sewer infrastructure near HDD bore permit application sites  | Jan 19                 |
| Jan 8           | Skyler York, Jeff Wright           | Map showing roadway segments contained within this years' Community Crossings grant repave/reconstruction funds  | Jan 11                 |
| Jan 8           | Jim Micheals                       | Sewer infrastructure near 311 Hwy 212  | Jan 8                  |
| Jan 8           | Paul Przyzbinski, Jeff Wright      | Map showing 2nd Ward with PASER scores and a list of all segments within 2nd Ward with PASER data broken into intersection-to-intersection segments  | Jan 8                  |
| Jan 5           | Steve Stanford                     | Map showing sewer infrastructure near Warnke and Michigan Blvd   | Jan 5                  |
| Jan 4           | Michael Kuss                       | LandApp map showing proposed sludge application site near the Kankakee River at 421 and W2300S   | Jan 4                  |