

TO: President Cauley and the Board of Trustees
FROM: Dan Deeter, PE
DATE: July 16, 2019
RE: Engineering June 2019 Monthly Report
Executive Summary

- The 2019 Infrastructure project construction continues with utility work on S. Grant Street, North Street, & Garfield Street and resurfacing on the KLM parking lots. G&M is beginning to remove and replace curb & gutter and sidewalks on various streets.
- Significant construction in the vicinity of Hinsdale
 - North – South Traffic
 - IDOT work on the Illinois Route 83 Bridges over Ogden Avenue & the BNSF railroad continues. IL Rte 83 is restricted to one lane north and south with long back-ups. The project is scheduled to end in 11/15/19.
 - Oak Brook
 - Is installing a water main from the east side of York Road west down Luthin Road. This will cause a utility cut across York Road. Residents should expect periodic traffic delays or lane closures on York Road north of Old Mill Road (the entrance to the Graue Mill community).
 - Road work on Madison Street from Glendale Avenue to Spring Road is scheduled for the “summer 2019”. Residents should expect traffic delays or detours.
 - Burr Ridge will be constructing a sidewalk on the east side of County Line Road between Plainfield Road and 60th Street. The Burr Ridge village engineer reports “The project will occasionally affect traffic on County Line Road and 60th Streets from July 22 through early September. This may cause slight delays to patrons of the park or the preschool pick-up and drop off.”
 - East-West Traffic
 - IDOT is conducting utility and road work on Ogden Avenue from Downers Grove Main Street to Cass Avenue. Traffic has been shifted. Expect delays through this area.
 - Western Springs

- Water main and sewer repair on Clausen Avenue from Ogden to 41st Street. This construction is not expected to cause delays at the intersection of 47th Street and Clausen Avenue.
- Relief sewer installation & repair on Lawn Avenue from 47th to Elm Street. This construction is not expected to cause delays at the intersection of 47th Street and Lawn Avenue.
- In the first half of 2019, the USGS station at 22nd Street and Salt Creek recorded 25.2 inches of rain. This is 152% of the NOAA 52-year average for the period of January - June.



MEMORANDUM

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The Engineering Division activities include working with the Building Division to complete site inspections, managing Capital Improvement Projects, responding to drainage complaints, and addressing environmental permit obligations. In total, three Engineering employees performed 54 construction site inspections or drainage complaint inspections in June.

Per Hinsdale's combined sewer overflow permit #IL0066818, in June 2019 staff submitted one monthly Discharge Monitoring Reports (DMRs) for each of the Village's four Combined Sewer Overflow (CSO) location to the Illinois EPA.

The following capital improvement projects and engineering studies are underway:

2019 Infrastructure Project

This project includes 3.6-miles of street improvements, 4,400-feet of sewer separation, and 2,850-feet of water main replacement. The project also includes replacement of Portland Cement Concrete (PCC) curb & gutter, driveway aprons, and sidewalks.

Schedule:

- 04/23/19 – Board of Trustees approval G&M Cement Construction as the general contractor and HR Green as the Construction Observation consultant.
- 04/30/19 – Pre-construction meeting.
- 05/13/19 – Mobilization and pre-construction activities including placing sediment control structures, tree pruning, temporary fencing, traffic control, surveying/construction layout, and pre-construction recording of street conditions.
- 05/20/19 – Construction begins with water main construction on N. Adams Street between Ogden Avenue and North Street.
- 11/29/19 – Construction completion

The streets included in the project are:

Street	Location	Activity	Construction Status
Adams Street	Ogden to North St.	Water main (WM) replacement, 2" Asphalt street resurfacing	WM construction complete. 07/11: Begin concrete (PCC) replacement.
Bodin Street	Seventh to Eighth	Sewer separation, concrete patching	
Bruner Street	Sixth to Eighth	Sewer separation, asphalt street reconstruction	
Bonnie Brea Road	Madison to The Pines	Resurfacing	07/11: Begin PCC replacement.
Fifth Street	Garfield to Park	Sewer separation, WM replacement Asphalt street reconstruction	
Fox Lane (Road D)	Old Mill Road to Salt Creek Lane	Asphalt street and bridge resurfacing	07/11: Begin PCC replacement.
59 th Street	Madison to Grant	Asphalt street resurfacing	07/11: Begin PCC replacement.
Eighth Place	Madison to east end	Sewer separation, Asphalt street reconstruction	
Elmwood Place	Childs to Elm	Asphalt street resurfacing	
Grant Street	Eighth to Ninth	Sewer separation, WM replacement, Asphalt street reconstruction	WM & storm sewer complete. 07/11: Begin PCC replacement.
Hinsdale Avenue	Stough to Monroe	WM replacement, Concrete street reconstruction	
Ninth Street	Madison to Lincoln	Asphalt street resurfacing	
North Street	Washington to Garfield	Sewer separation, Asphalt street resurfacing	07/03: Begin sewer separation. 07/11: Begin PCC replacement.

Garfield Street	North to Ravine	Sewer separation, Asphalt street patching	07/03: Begin sewer separation.
Oak Street	Seventh to Eighth	Concrete street reconstruction	
Oakwood Terrace	Birchwood to south end	Sanitary sewer repair, Asphalt street resurfacing	07/11: Begin concrete replacement.
Park Avenue	Sixth to Seventh	Sewer separation, WM replacement Asphalt street reconstruction	
Second Street	Lincoln to Washington	Asphalt street resurfacing	
Seventh Street	Oak to County Line	Concrete street reconstruction	
Sharron Court	North end to First	Asphalt street resurfacing	07/11: Begin PCC replacement.
Third Street	Washington to Garfield	Asphalt Street resurfacing	
Vine Street	Eighth to south end	Asphalt Street resurfacing	
Warren Terrace	Madison to north end	Asphalt street resurfacing	
Washington Street	First to Second	Asphalt resurfacing	
KLM Parking Lots	East, west & connecting road	Asphalt resurfacing	07/08: Begin asphalt resurfacing & sidewalk replacement.

2020 Infrastructure Project. Since this project will be partially funded using federal Surface Transportation Program (STP) funds, IDOT requires that the engineering should be identified through the Quality Based Selection (QBS) process. Per the QBS process, staff has requested qualifications, interviewed and prioritized three engineering consultants: Strand & Associates, HR Green, and Robinson Engineering, in order. Staff has terminated negotiations with Stand & Associates due to cost. Staff negotiated with and is recommending HR Green for the design and construction observation services per the QBS process.



MEMORANDUM

N. Madison Drainage project. The Board of Trustees approved construction on the east portion of the project by Christopher B. Burke Engineering, Ltd. and the cost estimated from Kensington Schools for the west portion of the project on 05/21/19. Due to long lead-times for the StormTrap detention system and storm structure piers, construction is anticipated to begin in mid-August 2019.

E. Chicago Drainage Corridor project. The Village Board approved HR Green to design the E. Chicago Drainage Corridor on 05/21/19. Design will occur in 2019 and construction in 2020.

Other Engineering Activities

Ogden Avenue Improvements Amita Health has installed permanent signals at Oak Street.

Nicor. In mid-March, Nicor began replacement of 8000-feet of gas main and services in the northeast quadrant of the Village.

IL Route 83. In June, IDOT has been repairing the IL Route 83 bridges over the BNSF railroad and Ogden Avenue. Residents are encouraged to take alternate routes to avoid the one-lane traffic in these areas

State and Federal Funding Opportunities A summary of the Grant Funds awarded or applied for by the Village of Hinsdale is attached.