CITY OF
WEST CHICAGO

WHERE HISTORY & PROGRESS MEET

INFRASTRUCTURE COMMITTEE

Thursday, May 2, 2019
7:00 P.M. – Committee Room A

AGENDA

1. Call to Order, Roll Call, and Establishment of a Quorum

2. Approval of Minutes

   A. Infrastructure Committee of March 7, 2019

3. Public Participation / Presentations

   A. 2018 Sanitary Sewer Evaluation Survey Report

4. Items for Consent

   A. Resolution No. 19-R-0023 - IDOT Local Agency Agreement for Federal Participation for Construction Cost for the Forest Avenue Resurfacing Project and; Resolution No. 19-R-0024 – IDOT Resolution for Improvement Under the Illinois Highway Code for Use of Motor Fuel Tax Funds as City's Local Share of Construction Costs for the Forest Avenue Resurfacing Project
   B. Resolution No. 19-R-0025 – Contract Award – J.A. Johnson Paving Company for the 2019 Elm Road Rehabilitation Project
   C. Resolution No. 19-R-0026 - Acceptance of Public Improvements and Release of Development Security – Thorntons Gas Station, 1330 S. Neltnor Boulevard
   D. Purchase of Rock Salt from Compass Minerals American, Inc., Overland Park, Kansas, for the 2019-2020 Winter Season
   E. 2019 Asphalt Materials Procurement – DuPage County Joint Purchasing Program - Plote Construction, Inc.
   F. Purchase of One 2019 JX Peterbilt Model 348 Tandem Axle Truck Chassis Equipped By Monroe Truck Equipment with 15' Crysteel Stainless Steel Dump Body, 15' Monroe Stainless Steel V-Box Salt Spreader, 12' Monroe Reversible Snow Plow with Quick Link Hitch, 8' Monroe Wing Plow, Pre-Wetting and Anti-icing System, and Appurtenances from JX Peterbilt of Bolingbrook, Illinois

5. Items for Discussion

6. Unfinished Business

7. New Business

8. Reports from Staff

9. Adjournment

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Ruben Pineda
MAYOR

Nancy M. Smith
CITY CLERK

Michael L. Guttman
CITY ADMINISTRATOR

CITY OF
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WHERE HISTORY & PROGRESS MEET

Draft

MINUTES

INFRASTRUCTURE COMMITTEE

March 7, 2019 7:00 P.M.

1. Call to Order, Roll Call, and Establishment of a Quorum. Chairman Beifuss called the meeting to order at 7:00 P.M. Roll call found Aldermen James Beifuss, Heather Brown, Sandra Dimas, Alton Hallett, Noreen Ligino-Kubinski, and Jeanne Short present. Alderman Matt Garling was absent.

Staff present included Director of Public Works Robert Flatter and Administrative Assistant Ashley Heidorn.

2. Approval of Minutes

A. Infrastructure Committee Minutes of February 7, 2019. Alderman Hallett made a motion, seconded by Alderman Dimas to approve the Meeting Minutes of February 7, 2019.

Voting Yea: Aldermen Beifuss, Dimas, Hallett, Ligino-Kubinski, and Short.
Voting Nay: 0. Abstaining: Alderman Brown.

3. Public Participation / Presentations. None.

4. Items for Consent. Alderman Brown requested discussion on Consent Item D.
Alderman Dimas made a motion, seconded by Alderman Brown to approve:

A. After-The-Fact Purchase Approval of 400 Tons of Rock Salt from The Detroit Salt Company, LLC, Detroit, Michigan, for February/March 2019
B. Purchase Two 2019 Ford F-250 4wd Pickup Truck with Knapheide Aluminum Utility Service Body and Tommy Gate Lift Gate from Currie Motors of Frankfort, Illinois
C. Purchase One 2019 T770 T4 Bobcat® Compact Track Loader and Attachments from Atlas Bobcat, Elk Grove Village, Illinois

Roll call found the vote unanimous for approval. Voting Yea: Aldermen Beifuss, Brown, Dimas, Hallett, Ligino-Kubinski, and Short. Voting Nay: 0.

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5. Items for Discussion.

4.D. Purchase One 2019 Vermeer® SC362 Stump Cutter from Vermeer® Midwest of Aurora, Illinois. Alderman Brown asked if the City had purchased another stump cutter last year, and Mr. Flatter estimated that one was purchased about three or four years ago. That one is a larger machine pulled around by a pickup truck and used for typical parkway applications but is difficult to use in heavily wooded or swampy areas. This new stump cutter would replace one that currently attaches to a Bobcat (that also ties up the Bobcat which could be used for other purposes) and is a smaller, independent machine that can operate in tighter quarters. **Alderman Short made a motion, seconded by Alderman Ligino-Kubinski to approve.**

Roll call found the vote unanimous for approval. Voting Yea: Aldermen Beifuss, Brown, Dimas, Hallett, Ligino-Kubinski, and Short. Voting Nay: 0.

5.A. John M. Yancey DDS Family Dentistry, 1033 S. Oak Street, Carriage Walk Removal & Restoration. Mr. Flatter explained that there is a private carriage walk in the City's parkway in front of Dr. Yancey's office, which staff desires to remove and restore the area with top soil and sod as part of the 2019 Roadway Rehabilitation Project. A majority of the private carriage walk is uneven and unsafe because the top of the walk has settled one- to two-inches below the elevation of the back of the curb, and it is comprised of uneven sidewalk squares along with a depressed curb. Following discussion, the Committee proposed that Mr. Flatter discuss with Dr. Yancey the option to keep the private carriage walk if he agrees to pay for its replacement and indemnify the City against any future legal responsibility as well.

6. Unfinished Business. None.

7. New Business. Alderman Dimas asked if it would be possible to get the last couple unfinished alleys scheduled to be completed. Mr. Flatter explained that every year staff reviews the Capital Improvement Program (CIP) and looks at the possibility of putting them back on the schedule, but based on revenue and expenditures it is one of the projects that continues to be pushed back for more pressing projects. The two alleys of highest concern both require total reconstruction, which would cost roughly $300,000.00 combined. If the Committee chooses to make those alleys a priority, they can be incorporated into the CIP, but in doing so other street projects will be affected.

8. Reports from Staff.

A. Elm Road Rehabilitation Project. Mr. Flatter updated the Committee on the progress of the Elm Road Rehabilitation Project. Following various attempts, five properties remain unwilling to sign quitclaim deeds to turn their easements over to the City. The rest of the neighbors are all eager for the project to commence. The area to be resurfaced has been adjusted to exclude those areas in which quitclaim deeds could not be obtained with some signage to be added for safety, which the agreeable neighbors are satisfied with. The plans are in the process

of being finalized and will bid for a May approval by City Council. Should the remaining properties sign the quitclaim deeds prior to the beginning of construction the plans can be adjusted to include their properties in the project.

B. Washington Street Road Closure Plan. Mr. Flatter explained the planned road closures to complete the Washington Street Reconstruction Project while following IDOT standards, which would take place over four phases. Following discussion, the Committee agreed this plan was acceptable.

9. Adjournment. 8:06 P.M., Alderman Dimas made a motion to adjourn, seconded by Alderman Hallett. Motion was unanimously approved by voice vote.

Respectfully submitted,

Ashley Heidorn
Administrative Assistant of Public Works

CITY OF WEST CHICAGO

INFRASTRUCTURE COMMITTEE
AGENDA ITEM SUMMARY

ITEM TITLE:

2018 Sanitary Sewer Evaluation Survey Report

AGENDA ITEM NUMBER: 3.A.

COMMITTEE AGENDA DATE: May 2, 2019
COUNCIL AGENDA DATE: N/A

STAFF REVIEW: Robert E. Flatter, P.E., Director of Public Works

SIGNATURE

APPROVED BY CITY ADMINISTRATOR: Michael L. Guttman

SIGNATURE

ITEM SUMMARY:

In February of 2018, City Council approved a contract with RJN Group, Inc. (RJN) to evaluate a portion of the City's sanitary collection system located within the northern portion of the Hillside Addition Subdivision, generally described as the area between Joliet Street and Illinois Route 59 (Neltnor Boulevard), and between Brown Street and Forest Avenue; and the Fair Meadows Subdivision, the area between Joliet Street and Bishop Street, and between Forest Avenue and Augusta Avenue. RJN conducted manhole mapping and inspections, smoke testing, cleaning and televising, and dye testing of the entire sanitary collection system within the study area. A copy of RJN's 2018 SSES Report is attached and will be made available for viewing on the City's web site.

The 2018 SSES study area is mainly residential containing several older sewer lines in both the street and backyard easements. These sewer lines are made of various materials including clay, concrete, and polyvinyl chloride (PVC). The older infrastructure in this area is in need of significant rehabilitation work, including sewer lining, point repairs, lateral connection grouting and lining, and manhole rehabilitation. Most defects were located in the public portion of the sewer mains.

Given the large amount of rehabilitation work that was identified in the 2018 SSES (i.e., total estimated rehabilitation cost of $2,023,735.00), and the limited rehabilitation funds annually budgeted (i.e., approximately $600,000.00), RJN recommends that the City complete high priority rehabilitation sewer segments first, and the medium and low priority sewer segments in future years.

Staff supports RJN's recommendations for repair and rehabilitation of all City owned infrastructure as outlined in its Report.

ACTIONS PROPOSED:

Approve and accept the recommendations outlined in RJN's 2018 SSES report and direct staff to plan for and contractually complete recommended rehabilitation work as determined appropriate by staff and as allowed by budget.

COMMITTEE RECOMMENDATION:

March 2019

City of West Chicago Fairmeadows and Hillside Central Sanitary Sewer Study

City of West Chicago, Illinois

rjngroup
Engineering infrastructure for tomorrow

Final Report

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SECTION 1

EXECUTIVE SUMMARY

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SECTION 1

EXECUTIVE SUMMARY

The City of West Chicago initiated a sanitary sewer evaluation survey (SSES) to investigate the causes of the high infiltration and inflow (I/I) in the gravity sewer areas located within the Fairmeadows and Hillside Central neighborhoods. The project limits are bounded by Roosevelt Road to the South, Neltnor Boulevard to the East, Joliet Road to the West, and Brown Street to the North. It was found on investigation that various sources of I/I exist in these areas. These sources and their recommended rehabilitation are detailed in this report.

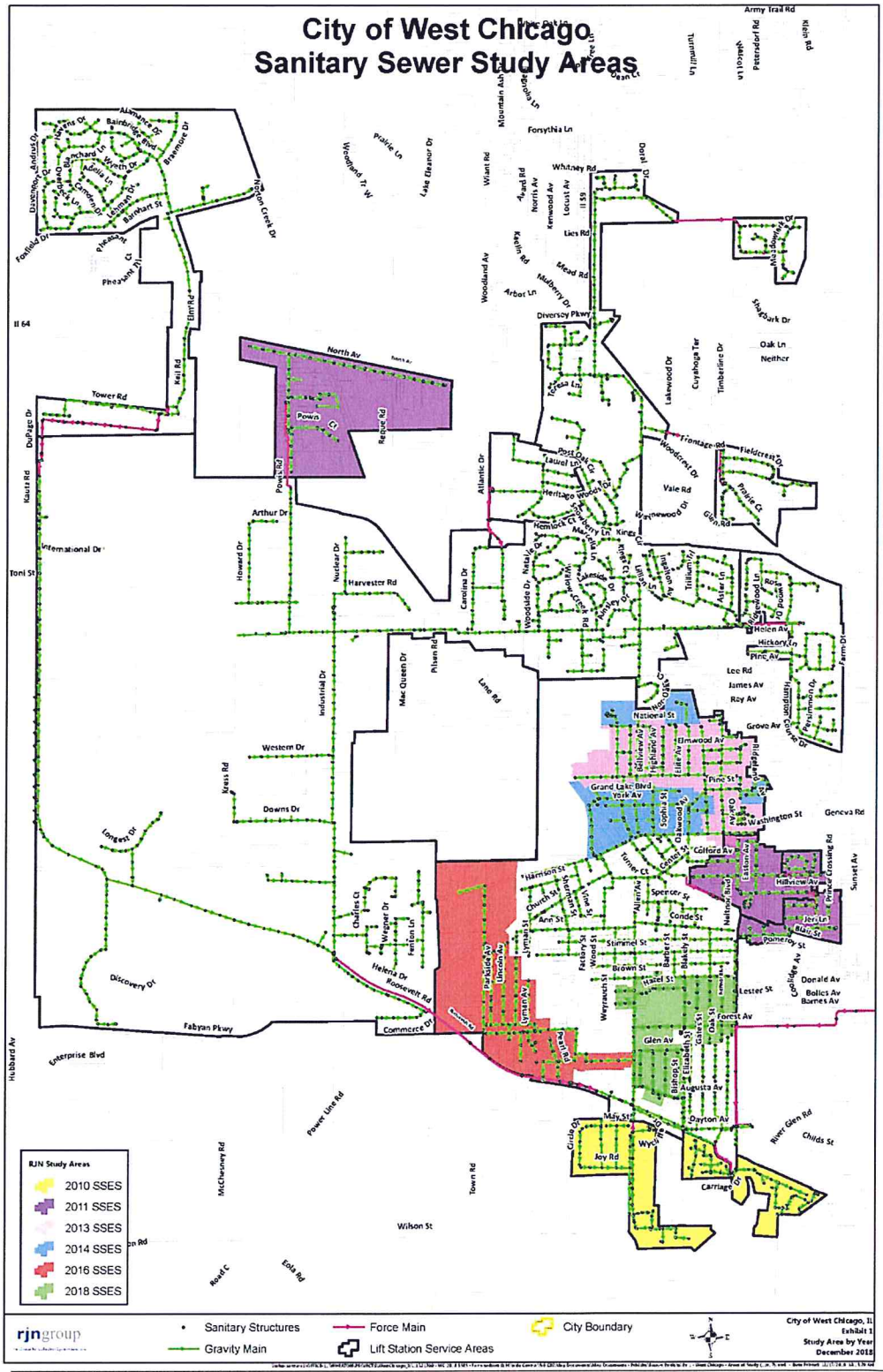
PROGRAM OVERVIEW

- In 2009, the City initiated a flow monitoring study to quantify the response of the sanitary sewer system to rain events and to provide recommendations for a sewer system rehabilitation program.
- In 2010, RJN Group, Inc. completed a comprehensive SSES in the highest priority areas, tributary to Lift Stations 1 and 4.
- In 2011, RJN completed an SSES for all remaining areas identified to be top or high priorities, which were tributary to Lift Stations 5, 7, 9, and 12.
- In 2013, RJN surveyed a large portion of the City in the gravity sewer area that was identified as medium priority, including many of the older parts of the City. The area studied is northwest of the intersection of Rt 59 and Washington Street.
- In 2014, RJN continued surveying in the gravity sewer area, picking up areas adjacent to the 2013 study. The 2014 SSES Study Area is comprised of four (4) areas, with the bulk of the sewer area bounded by Ingalton Avenue to the east, Aurora Street to the west, Grand Lake Boulevard to the north, and Washington Street to the south.
- In 2016, RJN continued surveying in the gravity sewer area bounded by Roosevelt Road to the South, EJE Railroad Tracks to the East, Town Road to the West, and Washington Street to the North.
- For the 2018 SSES projects, the City had requested RJN Group to focus on the Fairmeadows and the Hillside Central neighborhoods.

The objectives for this study were to identify sources of I/I in the study area and provide recommendations for sewer rehabilitation and cost-effective I/I removal. Exhibit 1 in Appendix A and Figure 1-A, on the following page, shows the areas that have been previously investigated.

FIGURE 1-A

STUDY AREAS



RESULTS

Gravity Sewer to the Treatment Plant (Fairmeadows & Hillside Central Study Area)

This sanitary sewer evaluation survey was a multifaceted investigation which included smoke testing, manhole inspection, and sewer televising. Field data was evaluated to quantify the I/I contribution for each type of defect. Approximately 205,836 gallons per day was quantified in this study. This flow value is an estimated peak inflow for a 1 year, 1 hour storm event.

The 2018 SSES study area contains several older sewers in backyard easements and in the street. About 63% of the sewers inspected were vitrified clay pipe (VCP), 18% were concrete pipe (CP), 16% were Polyvinyl Chloride (PVC), and the remaining 3% were Truss. About 87% of the inspected manholes were precast concrete, 10% were concrete block and about 3% were brick. The older infrastructure in this area is in need of significant rehabilitation work, including sewer lining, point repairs, lateral connection grouting and lining, and manhole rehabilitation. The defects identified were primarily within the public sector, contributing 82% of identified I/I flow.

RECOMMENDED PLAN

Recommendations for Rehabilitation

The 2018 SSES has identified a significant amount of rehabilitation work that will need to be completed. Due to the outstanding work from previous study areas, it is recommended that the City prioritize rehabilitation efforts.

Based on the findings from field investigations, RJN recommends that the following 1st priority rehabilitation work:

- Perform point repairs on eleven (11) sewer segments identified in the 2018 SSES area, as further described in Section 4.
- Perform lining for approximately 6,102 linear feet of sanitary sewer in the 2018 SSES area that requires rehabilitation. This includes all 1st priority sewer segments that require lining.

Additional Sewer Rehabilitation

It is recommended that the medium priority lining work, along with any non-critical manhole rehabilitation be deferred until all SSES work has been completed in the older part of the City, and

the critical rehabilitation has been completed. Once all critical items have been identified and corrected, the City can complete 2nd priority rehabilitation that is not as critical.

The following recommendations are considered 2nd priority:

- Perform the necessary manhole rehabilitation for manhole defects identified during smoke testing and manhole inspection as described in Section 5.
- Perform lining for 14,384 linear feet of sanitary sewer in the 2018 SSES that is of medium and low priority for lining.
- A lateral grouting and T-lining program should be considered for laterals with severe separation from the mainline.

Private Sector Recommendations

Based on the findings from field investigations, RJN Group recommends that the following private sector work be performed:

- Require installation of sealed caps on the five (5) cleanouts with missing or broken caps.

All other private sector defects are not recommended for rehabilitation at this time. After the public sector items and the cost-effective private sector items have been addressed, the City may consider a lateral lining program. Defective cleanouts that did not have defective caps are not recommended for rehabilitation, as cleanout riser repairs are not considered cost-effective.

Public Sector Rehabilitation Cost

Table 1-A shows the costs associated with the 1st priority defects. The total cost to repair the 1st priority defects is **$388,920.** Table 1-B and Table 1-C show the estimated cost to repair the 2nd and 3rd priority items. Estimated costs should be used for planning and budgeting purposes only.

TABLE 1-A
1st PRIORITY COST SUMMARY

	Recommended Rehabilitation	Unit	Quantity	Unit Rehab Cost	Total Rehab Cost
Pipe Rehab	Point Repair 6' -10'	each	11	$13,000	$143,000
	Sewer Lining, 8"	LF	5734	$40	$229,360
	Sewer Lining, 10"	LF	368	$45	$16,560
				SUB-TOTAL:	**$388,920**

TABLE 1-B
2nd Priority Cost Summary

	Recommended Rehabilitation	Unit	Quantity	Unit Rehab Cost	Total Rehab Cost
Manhole Rehab	Seal and Adjust Manhole Frame	each	13	$1,450	$18,850
	Replace Frame & Cover	each	2	$1,850	$3,700
	Cementitious Coating	vf	102	$180	$18,360
	Grout Wall Joints	each	5	$650	$3,250
	Grout Bottom 18"	each	3	$750	$2,250
	Add Barrel Section	each	1	$4,000	$4,000
	Repair Bench & Trough	each	5	$1,000	$5,000
	Replace Bench & Trough	each	2	$1,500	$3,000
				SUB-TOTAL:	**$58,410**
Pipe Rehab	Sewer Lining, 8"	lf	7959	$40	$318,360
	Sewer Lining, 10"	lf	2241	$45	$100,845
	Sewer Lining, 33"	lf	2136	$190	$405,840
	Sewer Lining, 42"	lf	2048	$240	$491,520
	Air Test and Grout Service	each	125	$700	$87,500
	T-Liner, 5'	each	36	$3,000	$108,000
				SUB-TOTAL:	**$1,512,065**

TABLE 1-C
3rd Priority Cost Summary

	Recommended Rehabilitation	Unit	Quantity	Unit Rehab Cost	Total Rehab Cost
Private Sector	Repair Cleanout Riser	each	7	$2,500	$17,500
	Replace Cleanout Cap	each	5	$50	$250
	T-Liner, Full Length	each	15	$7,000	$105,000
				SUB-TOTAL:	**$122,750**

SECTION 2

INTRODUCTION

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SECTION 2

INTRODUCTION

The City of West Chicago is located in the western suburbs of Chicago, Illinois along the west-central border of DuPage County. It is bounded on the west by Kautz Road and on the east by Prince Crossing Drive, with most of the City concentrated between Illinois Route 64 to the north and Roosevelt Road to the south. The City's population was 27,182 in 2017.

BACKGROUND / OBJECTIVES

The West Chicago Public Works Department is committed to providing proper maintenance and upgrading the wastewater collection system and treatment facility. The City's objectives are to improve, maintain, and upgrade the collection system.

In 2009, the City initiated a flow monitoring and lift station study to quantify the response of the sanitary sewer system to wet-weather induced inflow and infiltration (I/I). This study also provided recommendations for a sewer system rehabilitation program. Lift station service areas were divided and prioritized for further study based on the amount of I/I entering the system at various metered locations throughout the City. RJN Group (RJN) has completed a Sanitary Sewer Evaluation Survey (SSES) of the areas identified to be top or high priority (areas tributary to Sanitary Lift Stations 1 & 4 (2010 SSES), and 5, 7, 9 & 12 (2011 SSES)). RJN surveyed a large portion of the City that was identified as medium priority in the gravity sewer areas (2013 & 2014 SSES). RJN continued to survey gravity sewer areas in Alta Vista & Brentwood Courts neighborhoods (2016 SSES). These areas are described in the Executive Summary.

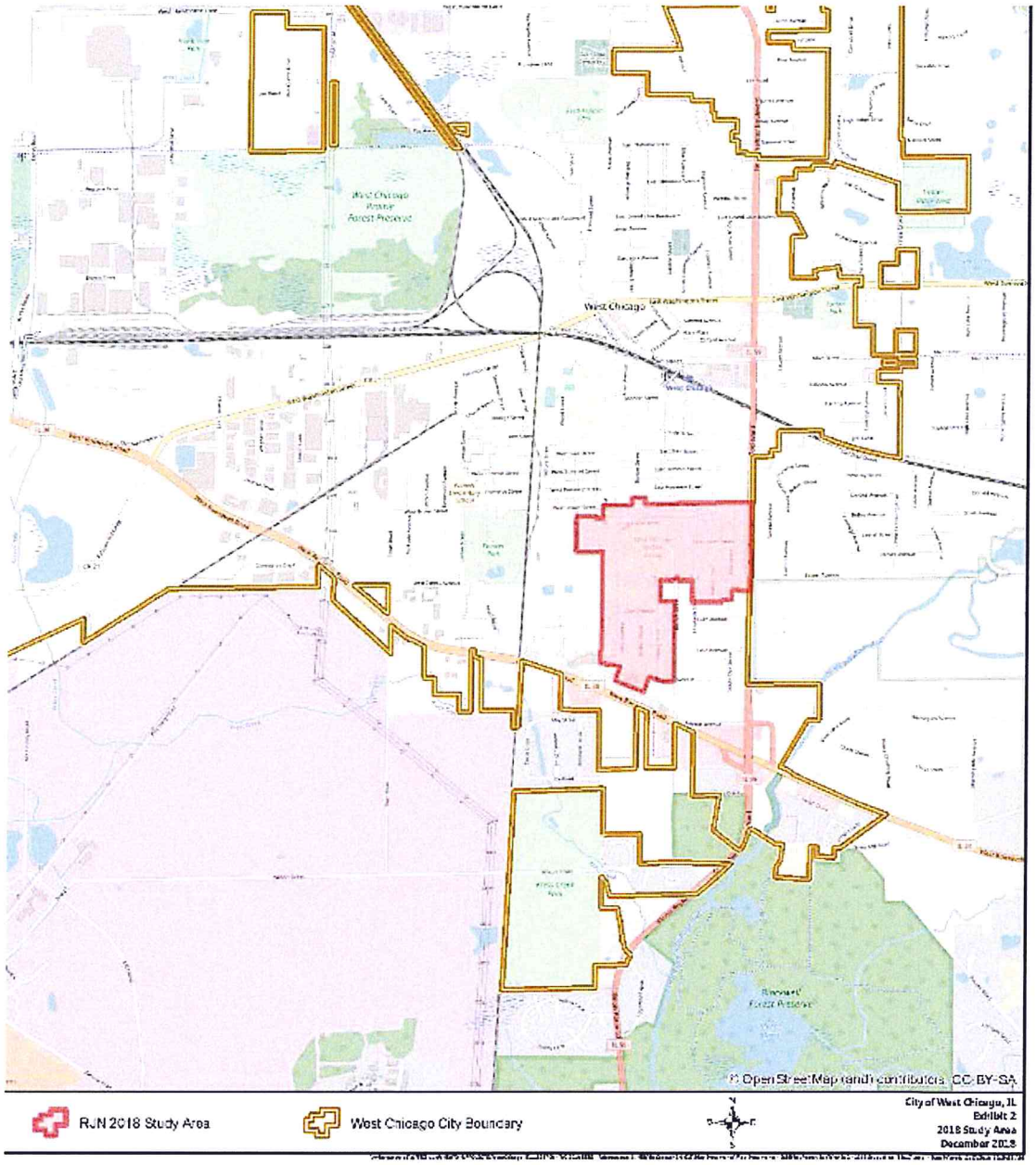
Based on discussions with City staff, it was determined that the 2018 SSES projects would be focused on the Fairmeadows & Hillside Central neighborhoods and surrounding area. The 2018 SSES areas are shown in Figure 2-A. The objectives for this study were to find sources of inflow and infiltration in the study areas and to provide recommendations for sewer rehabilitation and cost-effective I/I removal.

2018 STUDY AREA

The Fairmeadows & Hillside Central Area contains approximately 26,000 feet of sewer and 104 manholes. The project limits are bounded by Roosevelt Road to the South, Neltnor Boulevard to the East, Joliet Road to the West, and Brown Street to the North.

In the flow monitoring study of 2009, it was recommended that smoke testing and manhole inspections be performed for this area. This recommendation was based on the flow monitoring data that exhibited an appreciable inflow response to the rain event on September 29, 2008, and on the age of the sewers. A large portion of the sewers that run by gravity to the treatment plant are clay pipes that were constructed over 50 years ago.

FIGURE 2-A
Fairmeadows & Hillside Study Area



Project Approach

Initially, the manholes were surveyed with a survey grade (sub-centimeter) GPS system. Once the manholes were located, numbered, and entered into the GIS, the SSES was performed.

Field surveys undertaken as part of this study included:

- **Manhole Inspections** to identify defects in manhole structures. Invert elevations were also taken of all pipes and the data was entered into the GIS.
- **Smoke Testing** to locate sources of I/I through direct connections, cross-connections, and sewer system defects.
- **Closed-Circuit Sewer Televising (CCTV)** to evaluate the condition of the pipes.

Definitions and Abbreviations

This section contains definitions and abbreviations commonly used throughout this report.

1-Year / 1-Hour Storm - a storm event that produces 1.18 inches of rain in a 1-hour period and is expected to occur once in any given year.

Direct Cross Connection – a connection of a collector of storm water, e.g. storm inlet to the sanitary sewer main line, mahole, or building lateral.

GIS – Geographical Information System.

GPD - gallons per day.

GPM – gallons per minute.

MGD-million gallons per day

GPS – Global Positioning System.

Indirect Cross Connection – the storm sewer is not directly connected to the sanitary sewer main line or building lateral, but there are leaks in both storm sewer and the sanitary sewer allowing storm water to migrate to the sanitary sewer.

Infiltration (as defined by USEPA) - the water entering a sewer system and service connections from the ground through such means as, but not limited to, defective pipes, pipe joints, service connections, service laterals, or manhole walls.

Inflow (as defined by USEPA) - the water discharge into a sewer system, including service connections, from such sources as downspouts; sump pumps; cellar, yard, and area drains; foundation drains; cooling water discharges; drains from springs and swampy areas; manhole covers; cross connections from storm sewers, combined sewers, or catch basins; storm waters; surface runoff; or drainage.

Inflow and Infiltration (I/I) - the extraneous clean water from rainfall that enters the sanitary sewer system that can be eliminated on a cost-effective basis.

Sanitary Sewer Evaluation Survey (SSES) - the study of a sanitary system through various investigation techniques, to identify sources of extraneous rainwater that are entering the sewers. These investigations may include flow monitoring, smoke testing, dye testing, television inspection, manhole inspection, and flood prevention inspection.

WWTP – City of West Chicago Regional Wastewater Treatment Plant

RDII – rain derived inflow and infiltration

SECTION 3

FIELD INVESTIGATIONS

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SECTION 3

FIELD INVESTIGATIONS

Various field investigation methods were performed by RJN for the City of West Chicago to evaluate the condition of the sanitary sewer system. The objectives of these investigations were to identify and confirm sources of I/I entering the sewer system.

SYSTEM SURVEY AND GIS

Before commencing with the sanitary sewer evaluation methods, the manhole structures in the study areas were surveyed with a survey grade (sub-centimeter) GPS. A preliminary GIS was provided by the City with the general locations of each structure, pipe information, and connectivity. The structures were numbered with input from the City and entered into a GIS with their surveyed coordinates.

The general location of the structure as well as the type of structure can be identified through the numbering system. As an example, consider Manhole 410100129. The first digit indicates the township in which the structure is located. For this project, the study area is located in the Winfield Township which is represented with a "4" (Wayne Township would be represented with a "1"). The next two digits indicate the quarter section in which the structure is located. The fourth digit specifies the type of structure that is being numbered. All sanitary structures are represented with a "1". The next five digits are given to structures in sequential order, beginning with 00001.

SMOKE TESTING

Smoke testing was used to detect I/I sources, which are also referred to as defects. Smoke testing is a cost-effective SSES method for detecting private and public inflow sources. Private defects in the sanitary sewer may include downspouts, laterals, area drains, and defective cleanouts. Public defects may include storm sewer cross-connections, sanitary mainline cracks, and sanitary manhole leaks.

Public Relations

During the week prior to smoke testing, the City sent out notification letters to residents and business owners. These letters explained the purpose of the smoke testing, ways to avoid getting smoke in the home, and what to do if smoke did get inside of a building. In addition, RJN field crews distributed door hangers to each address 24 to 72 hours prior to smoke testing and made face-to-face contact with the commercial property owners and managers in the area. Letters were

provided in English and Spanish. The West Chicago Fire Department and Police Department were notified by email on a daily basis of when and where the crew would be smoke testing.

Additionally, prior to cleaning and televising, the city distributed door hangers to residents and business owners. These letters explained the purpose of sewer cleaning and televising, ways to avoid getting odors in the home, and how to prevent any inconveniences caused by the pressure changes in the sanitary sewer. A copy of all letters to residents and all door hangers used are shown in Appendix B.

Field Data Collection

RJN conducts smoke testing using the "dual blower" method. Dual blower smoke testing consists of placing one blower on the upstream manhole and one on the downstream manhole of a sewer segment and blowing a non-toxic air/smoke mix into the sewer segment. The smoke used for testing was Superior® Smoke. The safety data sheet (SDS) for this smoke is provided in Appendix B.

The presence of smoke was recorded if it was observed at any of the following locations:

- Manhole (frame seal or pickhole)
- Along the sewer main
- Downspouts (underground or disconnected)
- Area drains (driveway, yard, or stairwell)
- Cleanout
- Foundation drain
- Building service lateral
- Window well
- Cross connections with the storm sewer (storm inlets and manholes)

Smoking Service Lateral

It is important to note that varying soil and groundwater conditions can affect the results of smoke testing. Testing was conducted during dry weather to allow for a higher probability of finding defects. Positive findings during smoke testing definitely indicate the presence of I/I sources. Negative findings, however, may not mean that I/I sources do not exist.

Smoke coming from the curb, sidewalk, or the front, side or rear yard of a house can indicate a building lateral or a main line defect. Localized smoke near a building foundation wall could indicate shearing of the lateral pipe; whereas smoke across the entire foundation wall more typically indicates a connected foundation drain. Smoke from a gutter may mean a downspout connection to the sanitary sewer. A disconnected downspout is an uncapped or unsealed connection to the sanitary sewer where the downspout discharge has been removed, but the

piping into the ground remains open to the sewer. Area drains can be located in yards, patios, stairwells, driveways, or parking lots. Smoke directly above the sewer line often indicates a main line defect or a service lateral defect. A storm manhole or catch basin smoking indicates a possible cross connection between the storm and sanitary sewer, or even a storm inlet directly connected to the sanitary sewer.

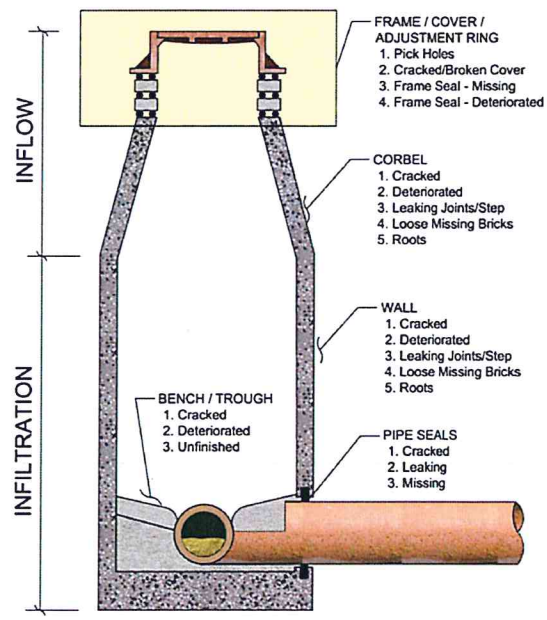
Smoke testing results were entered into an electronic form in the field by use of software and collection devices called GATAR (Geospatial Advanced Transmitter and Recorder). Data collected for each smoking defect included the type of defect, the address for private sector defects, the drainage area contributing to each defect, and the overall smoke intensity observed. Each defect location was acquired using a GPS antenna internal to the electronic handheld device. In addition, each defect was documented with a photograph, which was linked to the segment ID (upstream to downstream manhole), address, and description of the defect. The data collected was uploaded into a database and GIS server at the end of each workday and was then further analyzed with proprietary flow quantification software to complete the data analysis.

All I/I flowrate calculations are based on the 1 year – 1 hour storm event, which equates to about 1.18 inches of rain per hour. Each inflow source used an estimated drainage area to calculate the flow using the rational method. The flowrates shown are peak flowrates for the given storm event. The smoke tested segments are shown in Exhibits 3 and 4 in Appendix A. Approximately 26,000 feet of sewer was smoke tested.

MANHOLE INSPECTION

Manhole inspection is a way of visually checking the condition of manholes in a system to see if there are potential sources of I/I that may need rehabilitation. Surface manhole inspections involve assessing all parts of the manholes that are visible from the surface, as shown in Figure 3-A.

FIGURE 3-A
MANHOLE DIAGRAM WITH RELATED DEFECTS



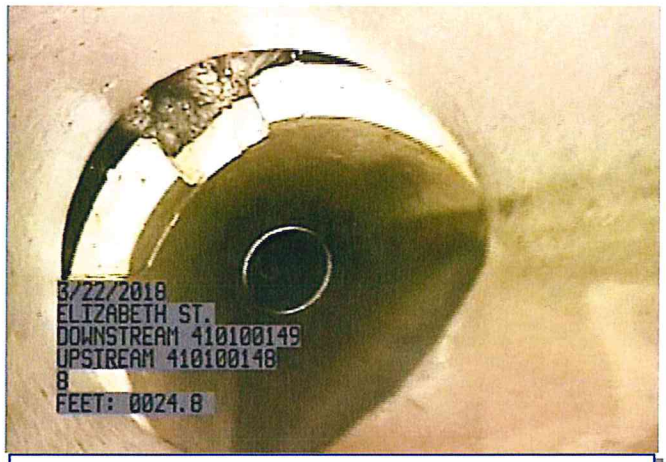
Location and inspection of all manholes in the study areas included the following:

- Location and identification number
- Potential for ponding or sheeting on manhole cover
- Cover type, fit, description, distance above or below grade, evidence of inflow
- Frame adjustment, seal, evidence of inflow
- Corbel construction, condition, evidence of inflow
- Wall construction, condition, evidence of infiltration
- Bench / trough construction, condition, deposition, evidence of infiltration
- Surcharging or evidence of surcharging
- Indication of groundwater level

Data was recorded on a mobile data collection unit with mapping grade GPS. Of the 104 manholes visited, 102 had surface inspections, 1 was surcharged, and 1 had a seized cover. The manhole inspection locations and inspection status are shown in Exhibit 10 and 11 in Appendix A.

SEWER TELEVISING

Internal inspections of sanitary sewer mains in the study area were performed by Natural Power Redding. Approximately 25,050 linear feet of sewer were televised for the study. A summary of inspection results is given in Appendix C. Televising the entire sanitary sewer system provides the following benefits:



Point Repair in segment 410100148-410100149

- Identification of condition of the sewer, whether rehabilitation is required and how urgently the repair is needed.
- Identification of any connections from storm laterals (catch basins and inlets).
- Identification of sanitary connections, whether they are active or plugged, and the condition of break-in connections, including broken pipe and visible I/I.
- Identification of defects that are cost-effective to repair.

SECTION 4

RESULTS

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SECTION 4

RESULTS

FIELD INVESTIGATIONS

Smoke Testing Results

Service Lateral

Smoke testing identified several defects within the study area. Exhibits 5 through 9 in Appendix A show each defect at their respective GPS location. The most significant defects identified were sanitary manholes, lateral defects, and defective missing or broken cleanouts. In total, fifty-six (56) defects were identified in this study area.

Smoke from sanitary manholes was a prevalent public sector defect identified in this area with nine (9) defects. Sanitary manholes will generally leak where the manhole frame meets the manhole adjustment. Defective manhole frame seals have the potential to be large sources of I/I, especially when located in low-lying areas.

There were fifteen (15) sanitary lateral defects identified in the area. Sanitary laterals are similar to sanitary sewers in that they have joints that often leak. These defects can be significant sources of I/I where laterals cross under a storm sewer or a storm ditch. Lateral defects are costly to rehabilitate and should not be considered for rehabilitation at this moment. When the cost-effective defects have been addressed, the City may evaluate the need for a private sector rehabilitation program. Laterals can be better evaluated with lateral television inspection.

Five (5) cleanouts were found to have missing or broken caps. The cleanouts with missing or broken caps are considered an "easy fix". The costs associated with replacing the caps are minimal and are a cost-effective way of removing excess flow. Defective cleanouts, where the smoke indicates a problem with the cleanout riser or connection to the lateral, are not considered cost-effective to repair and are not recommended for rehabilitation at this time.

Suspect defects were also identified during smoke testing. Non-smoking vent stacks would require further investigation to better determine whether they require any type of rehabilitation. This would typically entail an inspection of the sewer connections. Normally, a non-smoking vent stack is an indication of a blockage (usually leaves/debris) within the pipe. Smoking building interiors

could indicate a defect, such as a sump pump or a dried-up drain trap (not a defect). A summary of the smoke testing results is shown in Table 4-A.

TABLE 4-A
SMOKE TESTING DEFECT SUMMARY

	Source Description	Quantity	Range of Peak Flows per Defect (GPM)	Average Peak Flow per Defect (GPM)	Total Est. Peak Flow (GPD)
Private Sector					
	Lateral	15	1.0 - 3.0	1.66	35,864
	Cleanout, Defective	7	1.0	1.00	10,080
	Cleanout Missing/Broken Cap*	5	0.0 - 1.22	0.52	3,744
Suspect	Non-Smoking Vent Stack	16			
Suspect	Building Interior	4			
Public Sector					
	Sanitary Manhole**	9	1.0	1.00	12,960

*Each inflow source used an area calculation to determine the flow
**Manhole defects were quantified as part of the Manhole Inspection Quantification

Manhole Inspection Results

The surface manhole inspections revealed several manhole defects, the most prevalent of which were frame seals and cracked or leaking walls. Eighty-seven (87) of the manholes inspected had precast concrete walls, ten (10) had concrete block walls and three (3) had brick walls. The older concrete block and brick manholes often require cementitious coatings due to the infiltration at each joint. A summary of the manhole inspection results is shown in Table 4-2. Detailed inspection results and recommendations are given in Appendix C and displayed in Exhibits 12 ad 13 in Appendix A.

MH 415100124

Some manholes in the study area have been affected by minor hydrogen sulfide corrosion. Hydrogen sulfide will eat away at the manhole wall, and expose the aggregate layer. This is common in many of the concrete block manholes, as well as the precast manholes.

TABLE 4-B
MANHOLE INSPECTION DEFECT SUMMARY

	Manhole Defect	Quantity	Est. Peak Flow per Defect (GPM)	Total Est. Peak Flow (GPD)	Rehab % Effectivness	Estimated Flow Removed by Rehab (Low - High) (gpd)	
Public Sector							
	Seal & Adjust Frame	35	0.5	25,200	70-90	17,640	22,680
	Wall Deterioration	16	0.7	16,128			
	Pipe Seals	3	1.5	6,480	70-90	4,536	5,832
	Bench & Trough Deterioration	7	0.3	3,024	70-90	2,117	2,722
	TOTAL FLOW			**50,832**		**24,293**	**31,234**

Sewer Televising Results

CCTV inspection revealed several sewer segments contained fractures, breaks, and visible I/I that will need rehabilitation. Defects were identified primarily in segments made of VCP. Many of the clay pipes will require lining and point repairs to rehabilitate the sewer in this study area. A detailed list of significant defects and rehabilitation recommendations from the sewer televising results is presented in Appendix C. The CCTV recommendations including lining priority are shown graphically in Exhibits 16 and 17 in Appendix A.

Active Infiltration Via CCTV Review

TV Review summary:

- 11 Point Repairs were found.
- Approximately 6,102 linear feet of sewer is considered high priority for lining.
- Approximately 14,272 linear feet of sewer is considered medium priority for lining.
- Approximately 112 linear feet of sewer is considered low priority for lining.
- Approximately 3,287 linear feet of sewer is PVC and is not recommended for lining.
- 36 T-Liners are recommended for service laterals showing roots or structural damage at the connection points. T-liners are a type of cured-in-place pipe liner that rehabilitates the connection between the main sewer line and the lateral line, often shaped like the letter "T". The T-liner is inserted into the main sewer line through a manhole, pulled to the lateral connection, then carefully positioned with a lateral camera. A launching device sends the long portion of the T-liner up the lateral, and the T-liner is inverted and cured.

T-lining is a trenchless technology; however, longer T-liners require a cleanout to be present along the lateral for positioning and cleaning.

- 125 Service grouts are recommended for laterals showing joint separation, or active infiltration. Lateral grouting is a method of sealing leaks in service laterals. Chemical grout is injected through a lateral packer to fill voids between the service lateral and the mainline.
- 3 services are recommended for dye testing, to determine if they are active.
- 64 Mainline joints are recommended for grouting, due to joint separation. Mainline grouting is a method of sealing leaks in the mainline.
- 1 Spot Liner is recommended for segment 415100133:415100132 at 150 feet from the upstream manhole to deal with a root intrusion at the specified location.

The locations of each of the eleven point repairs are outlined in Table 4-C. each repair is located at or near a service connection. Each point repair is also shown in Exhibits 14 and 15 Appendix A.

TABLE 4-C
POINT REPAIR SUMMARY

Point Repair	USMH	DSMH	Location
1	410100128	410100129	154' from USMH
2	410100129	410100130	138' from USMH
3	410100138	410100139	118' From USMH
4	410100142	410100141	9' from USMH
5	410100148	410100149	25' from DSMH
6	410100148	410100149	73' from USMH
7	410100159	410100160	181' from DSMH
8	410100159	410100160	85' from USMH
9	410100167	410100166	180' from USMH
10	415100120	415100119	56' from USMH
11	415100137	410100165	89' from USMH

QUANTIFICATION

Quantification is the process of estimating excess wet-weather flow identified in field investigations. This process evaluates the relative contribution of various I/I sources to wet-weather flows in the sanitary sewer.

Defect Flow Rates

Defects identified during field investigations were assigned a standard array of flow values, based on observed or statistically derived values for a 1-year, 1-hour storm event. These flows were used to quantify the total flow that would be contributed by each type of defect during a standard rain event. Inflow defect flow values are derived using the drainage area and surface type, in order to calculate a peak runoff flowrate for the 1-year, 1-hour storm event.

Defects from field investigations can be divided into two main categories – public sector defects and private sector defects. Public defects consist of any defect along the main sewer line including manhole frame defects, manhole structure defects, main line defects, and catch basin cross connections. Private defects include cleanouts, downspouts, area drains, laterals and foundation drains that contribute stormwater into the sanitary system. Public sector sources were identified by smoke testing, CCTV inspection, and manhole inspection. Private sector sources were identified with smoke testing. The resulting estimated flows from all the defects identified are presented in Table 4-D.

TABLE 4-D
I/I FLOW BREAKDOWN FOR EACH TYPE OF DEFECT

Defect ID Source	Source Description	Number of Defects	Average Flow per Defect (gpm)	Flow (gpd)	% of Total I/I
CCTV Review	Sanitary Mainline	72	1.50	155,004	75.3%
Manhole Inspections	Sanitary Manhole	61	0.58	50,832	24.7%
			TOTAL:	**205,836**	**81.7%**
Smoke Testing	Cleanout Missing/Broken Cap	5	0.52	3,715	8.0%
Smoke Testing	Cleanout, Defective	7	1.00	10,080	21.8%
Smoke Testing	Lateral	15	1.50	32,400	70.1%
			TOTAL:	**46,195**	**18.3%**
			TOTAL IDENTIFIED I/I:	**252,031**	

Results

Overall, it was found that approximately 82% of identified I/I was from defects in the public sector, including various manhole and mainline defects. The remaining identified I/I flow was from private sector sources, including cleanouts and laterals. Figure 4-A shows the public and private sector breakdown of total I/I identified.

FIGURE 4-A
PUBLIC AND PRIVATE DISTRIBUTION

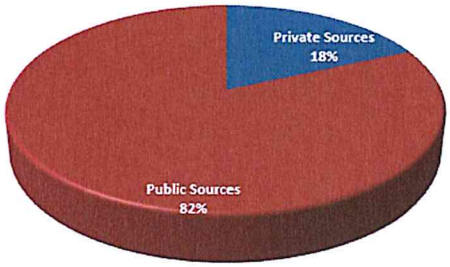
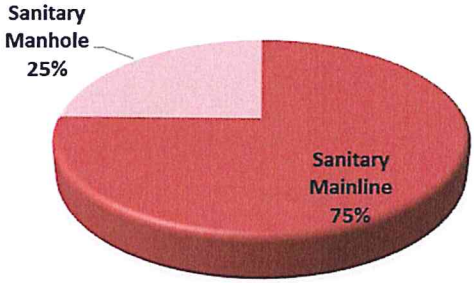
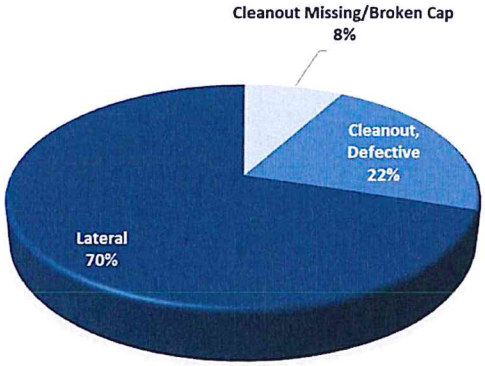


FIGURE 4-B
PUBLIC SECTOR DEFECTS



In the study area, the majority of defects identified were public sector defects. The most prevalent defects for this area were various sanitary manhole defects as well as mainline sewer defects. Figure 4-B shows the distribution of all public sector defect flows that were found.

FIGURE 4-C
PRIVATE SECTOR DEFECTS



Private sector defects were identified through smoke testing. Various private sector defects were identified, including laterals and cleanouts. Smoke testing will only identify a limited amount of the private sector defects that exist in an area. Other investigations, such as lateral televising and building inspections, could identify additional private sector defects. Figure 4-C shows the distribution of all private sector defect flows that were found.

SECTION 5

CONCLUSIONS AND RECOMMENDATIONS

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SECTION 5

CONCLUSIONS AND RECOMMENDATIONS

CONCLUSIONS

This sanitary sewer evaluation survey was a multifaceted investigation which included smoke testing, manhole inspection, and sewer televising. Field data was evaluated to quantify the I/I contribution for each type of defect. Some of the more noteworthy findings from field investigations include:

- The distribution of identified I/I is approximately 82% public sector and 18% private sector. This project identified a relatively small amount of private defects.
- A majority of the 2018 study area contains VCP sewer mains. Many of these segments are troubled by offset pipe joints.
- Faulty service lateral connections to the mainline sewer show soil and voids visible at the connection, some of which will need lateral grouting or T-Liner repairs.
- Private sector sources such as leaking laterals and missing/broken cleanout caps were identified, but not in large quantities.

All I/I sources identified through field investigations were quantified to calculate the total estimated I/I contributed by each type of defect. It should be noted that there is most certainly additional I/I in the system that was not identified, either because it was not visible at the time of inspection, or because the sources are private sector sources, such as sump pumps.

RECOMMENDATIONS

The following recommendations for reducing sources of I/I are based on the findings of this study.

Public Sector Rehabilitation

The majority of identified I/I in the study area was from public sources. It is recommended that the City address the identified public sector defects by performing the necessary rehabilitation as follows:

- Perform point repairs sewer segments at eleven (11) locations. Point repairs are required for pipes with defects so severe that they cannot be lined. All point repairs for the study

areas are shown on Exhibits 14 and 15 in Appendix A. These point repairs are considered 1st priority.

- Perform lining for approximately 20,380 linear feet of sanitary sewer that requires rehabilitation. This includes all high and medium priority sewer segments that require lining.
- Also consider lining the 112 feet of low priority sewer, especially the segments located in backyard easements. Over time, these sewers will continue on the path of deterioration.
- Lateral grouting should be considered for laterals with a separation from the mainline.
- Mainline grouting is recommended for mainlines showing joint separation.
- T-lining should be considered for laterals with severe separation from the mainline, or laterals with severe root intrusion. Many of these lateral connections are beginning to show signs of soil being washed away from around the connection.
- Perform the necessary manhole rehabilitation for manhole defects identified during manhole inspection as described in Appendix C. A total of sixty-one (61) manholes will need rehabilitation in this area. Manhole rehabilitation is of lower priority than the 1st priority sewer rehabilitation, which include lining and point repairs, and may be postponed if budget requires.

Private Sector Rehabilitation

Smoke testing did not identify many private sector defects. However, it is recommended that the City require installation of sealed caps on the five (5) cleanouts with missing or broken caps.

All other private sector defects are not recommended for rehabilitation at this time. After the public sector items and the cost-effective private sector items have been addressed, the City may consider a lateral lining program. Defective cleanouts that did not have defective caps are not recommended for rehabilitation, as cleanout riser repairs are not considered cost-effective. There are three services that are recommended for dye tracing to determine if they are active.

REHABILITATION COSTS

The 2018 SSES has identified a significant amount of rehabilitation work that will need to be completed. Because there is a large amount of rehabilitation work that should be done, it is recommended that the City of West Chicago prioritize rehabilitation efforts such that all 1st priority work is completed first, which includes the point repairs and high priority lining. From this study area, there are many sewer segments that require lining and point repairs. The medium and low priority lining and manhole rehabilitation, however, is not as urgent. It is recommended that manhole rehabilitation and other lining be postponed in order to keep the rehabilitation plan within the budget, and to complete all high and medium priority pipe rehabilitation.

There were many lateral connections in the study area that have visible soil at the connection to the main line and have begun to show signs of soil being washed away from around the connection. These laterals should be considered for a lateral grouting and T-liner program. If the City decides to implement a lateral grouting and T-liner program, it is recommended that a large area be rehabilitated at once to reduce the cost for the program.

Smoke testing identified cleanout and lateral defects. A detailed list of these private sector defects can be found in the smoke testing results table located in Section 4. It is recommended that only the cleanouts with missing or broken caps be addressed through enforcement action. The other private sector sources (lateral defects and cleanout riser defects) will remain on the list for future consideration if the City decides to pursue a private sector program.

The following tables provide a cost estimate for the recommended rehabilitation work. All private sector costs are shown, but the only cost-effective action at this time is to replace the missing/broken cleanout caps. Costs presented in the following tables should be used for planning and budgeting purposes only.

TABLE 5-A

REHABILITATION COST SUMMARY – 1st PRIORITY ITEMS

	Recommended Rehabilitation	Unit	Quantity	Unit Rehab Cost	Total Rehab Cost
Pipe Rehab	Point Repair 6'-10'	each	11	$13,000	$143,000
	Sewer Lining, 8"	LF	5734	$40	$229,360
	Sewer Lining, 10"	LF	368	$45	$16,560
				SUB-TOTAL:	**$388,920**

TABLE 5-B

REHABILITATION COST SUMMARY – 2nd PRIORITY ITEMS

	Recommended Rehabilitation	Unit	Quantity	Unit Rehab Cost	Total Rehab Cost
Manhole Rehab	Seal and Adjust Manhole Frame	each	13	$1,450	$18,850
	Replace Frame & Cover	each	2	$1,850	$3,700
	Cementitious Coating	vf	102	$180	$18,360
	Grout Wall Joints	each	5	$650	$3,250
	Grout Bottom 18"	each	3	$750	$2,250
	Add Barrel Section	each	1	$4,000	$4,000
	Repair Bench & Trough	each	5	$1,000	$5,000
	Replace Bench & Trough	each	2	$1,500	$3,000
				SUB-TOTAL:	**$58,410**
Pipe Rehab	Sewer Lining, 8"	lf	7959	$40	$318,360
	Sewer Lining, 10"	lf	2241	$45	$100,845
	Sewer Lining, 33"	lf	2136	$190	$405,840
	Sewer Lining, 42"	lf	2048	$240	$491,520
	Air Test and Grout Service	each	125	$700	$87,500
	T-Liner, 5'	each	36	$3,000	$108,000
				SUB-TOTAL:	**$1,512,065**

TABLE 5-C

REHABILITATION COST SUMMARY – 3rd PRIORITY ITEMS

	Recommended Rehabilitation	Unit	Quantity	Unit Rehab Cost	Total Rehab Cost
Private Sector	Repair Cleanout Riser	each	7	$2,500	$17,500
	Replace Cleanout Cap	each	5	$50	$250
	T-Liner, Full Length	each	15	$7,000	$105,000
				SUB-TOTAL:	**$122,750**

APPENDIX A

EXHIBITS

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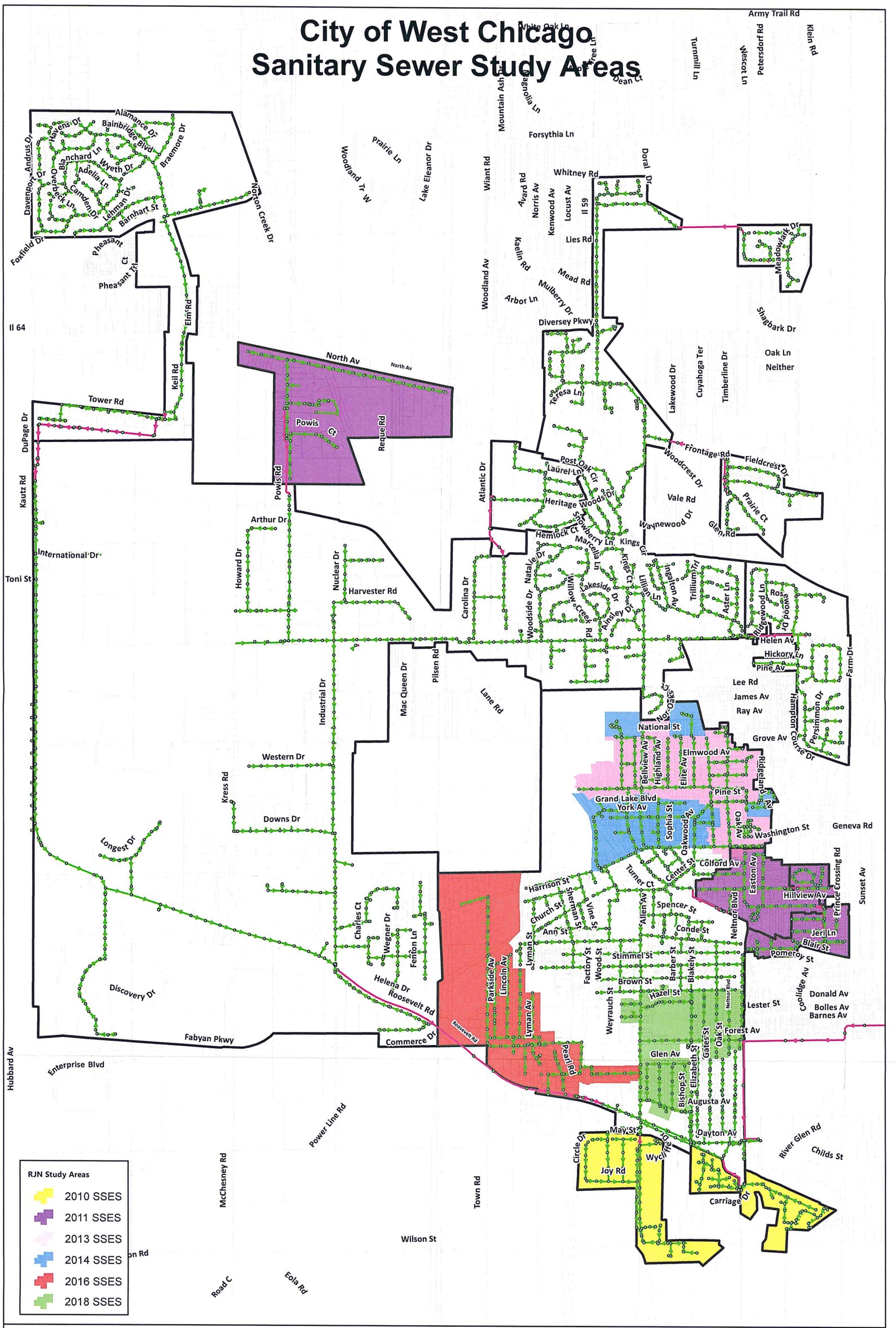
City of West Chicago
Sanitary Sewer Study Areas



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City of West Chicago, IL
Exhibit 1
Study Area by Year
December 2018

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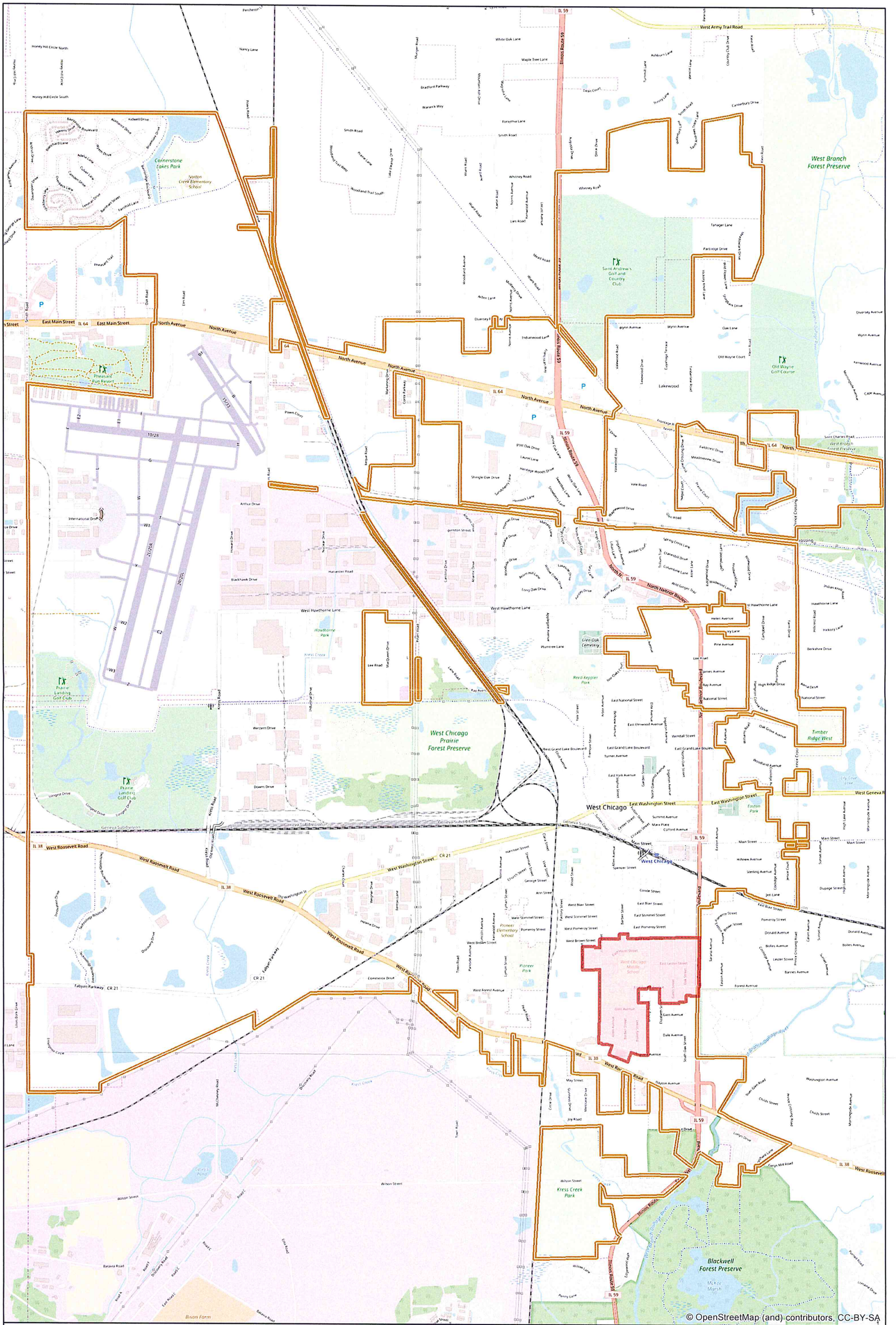

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RJN 2018 Study Area

West Chicago City Boundary

City of West Chicago, IL
Exhibit 2
2018 Study Area
December 2018

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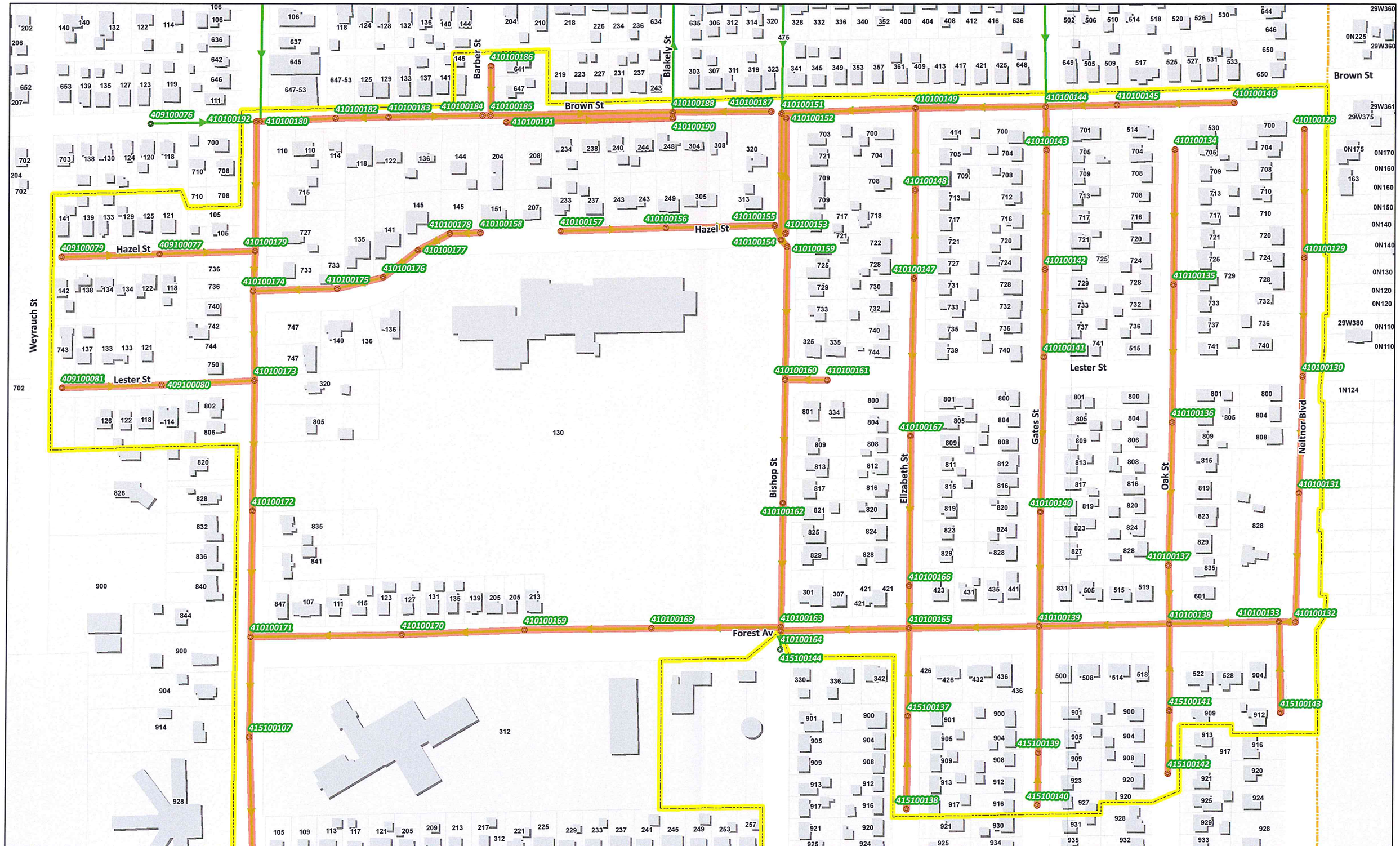
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Smoke Tested Sewers
City of West Chicago Manhole
City of West Chicago Sewers
RJN Study Area 2018
City Boundary
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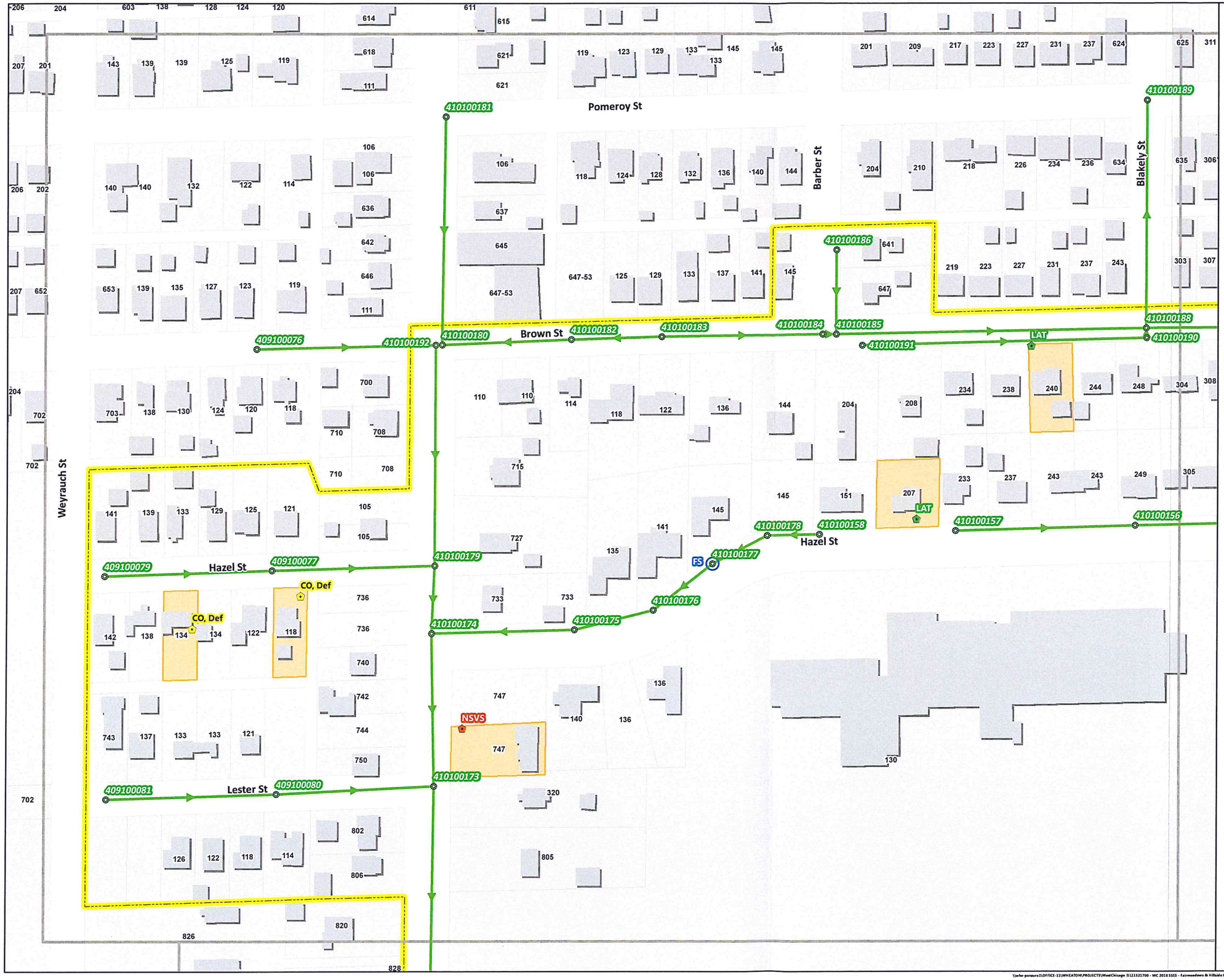
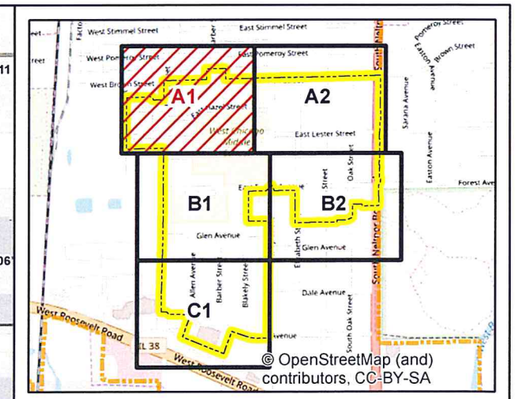
City of West Chicago, IL
2018 Smoke Testing and Manhole Inspections
Ex 3 - Smoke Tested Segments - North
December 2018

City of West Chicago, IL
2018 Smoke Testing and Manhole Inspections
Ex 4 - Smoke Tested Segments - South
December 2018





Smoke Observations

- Building Interior (BI)
- Cleanout, Defective (CO, Def)
- Cleanout, Missing/Broken Cap (CO, M/B)
- Lateral (LAT)
- Non-Smoking Vent Stack (NSVS)
- Frame Seal Defect (FS)
- Building Interior Parcels
- Private Defect Parcels

Legend

- City of West Chicago Manhole
- City of West Chicago Sewers
- RJN Study Area 2018
- City Boundary

N W E S

0 75 150 300 Feet

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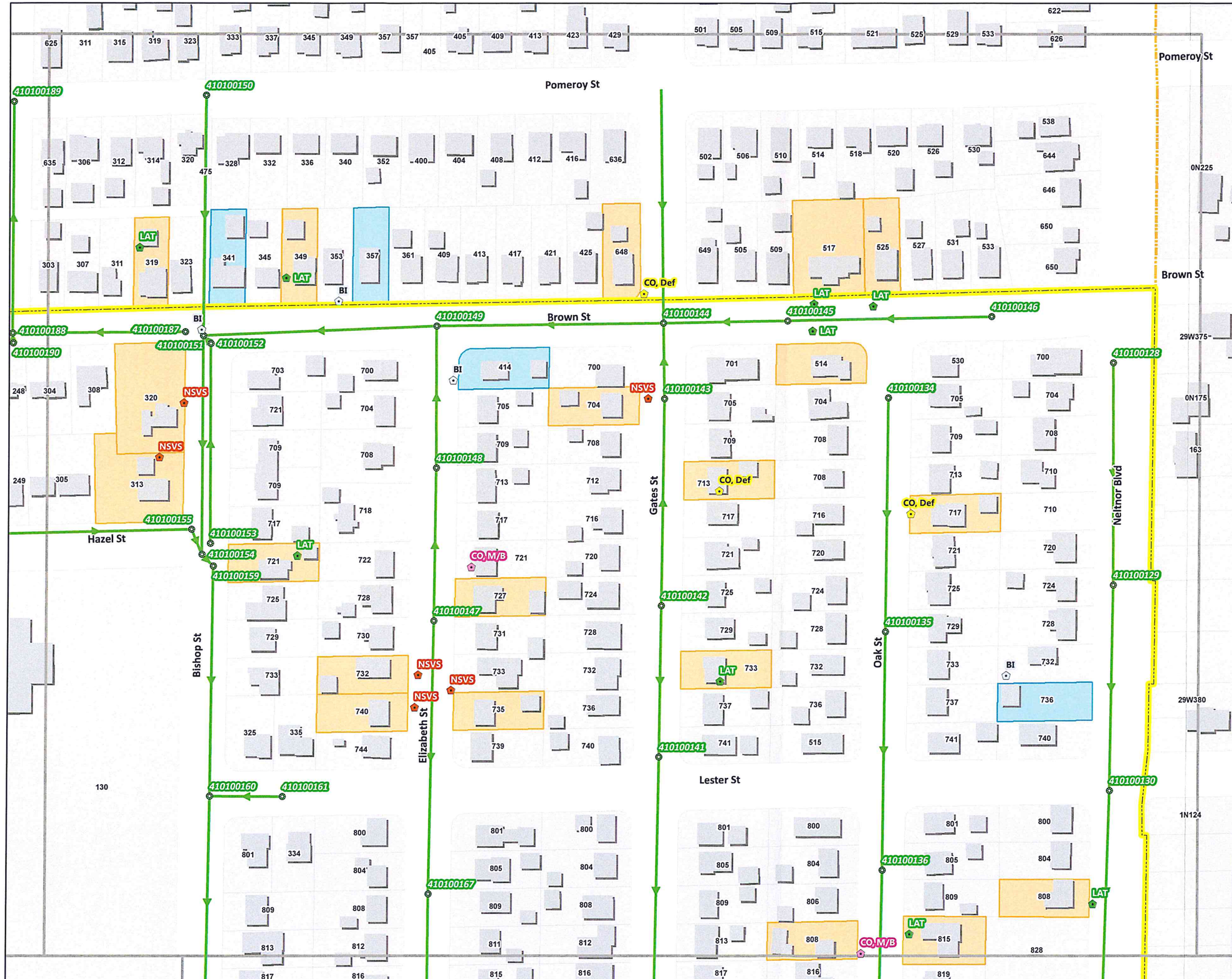
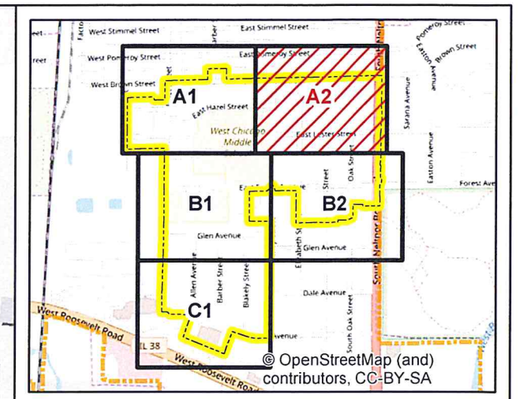
City of West Chicago, IL
2018 Smoke Testing and Manhole Inspections
Ex 5 - Smoke Tested Observations
Grid: A1
January 2019





Smoke Observations

- Building Interior (BI)
- Cleanout, Defective (CO, Def)
- Cleanout, Missing/Broken Cap (CO, M/B)
- Lateral (LAT)
- Non-Smoking Vent Stack (NSVS)
- Frame Seal Defect (FS)
- Building Interior Parcels
- Private Defect Parcels

Legend

- City of West Chicago Manhole
- City of West Chicago Sewers
- RJN Study Area 2018
- City Boundary

N W E S

0 75 150 300 Feet

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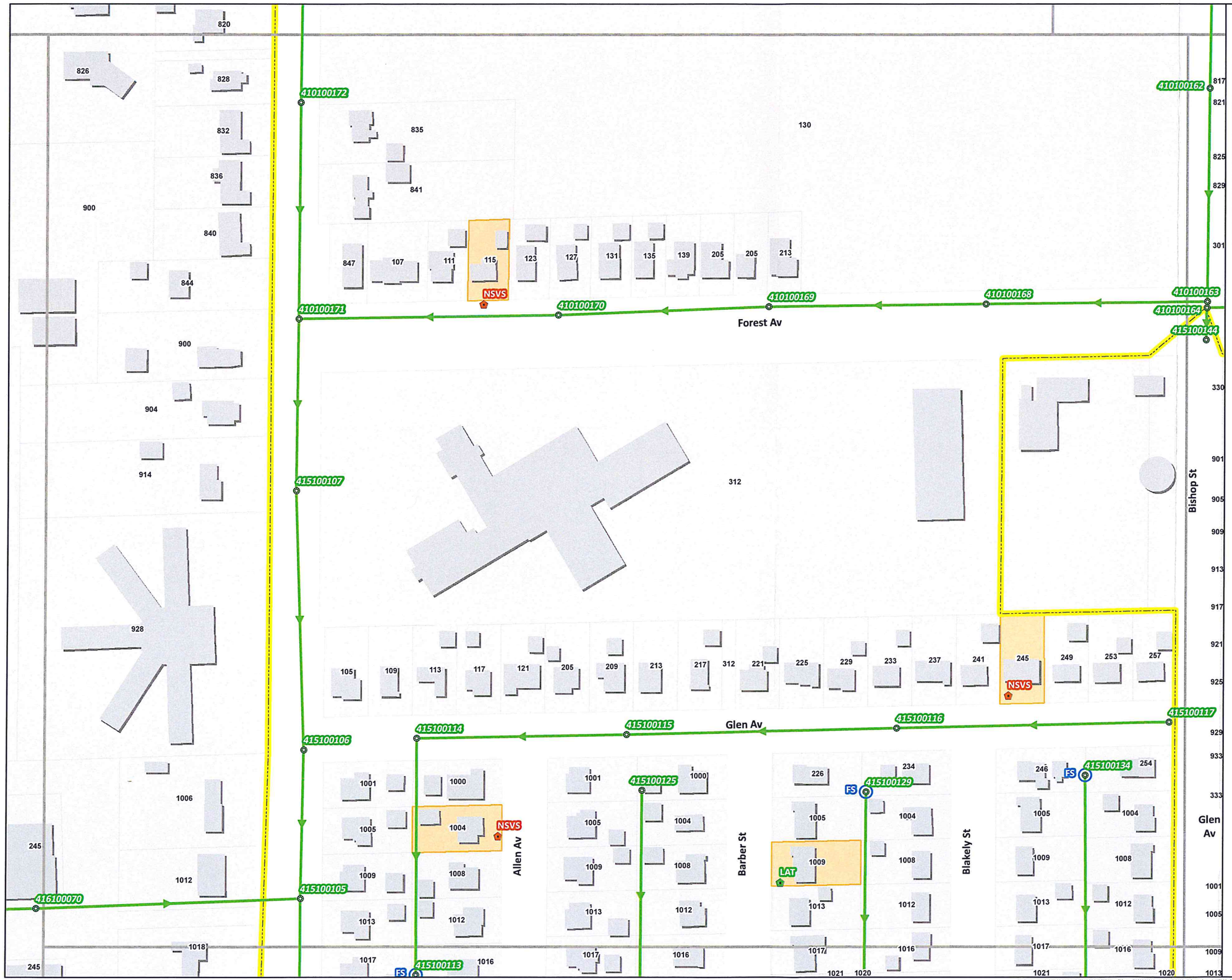
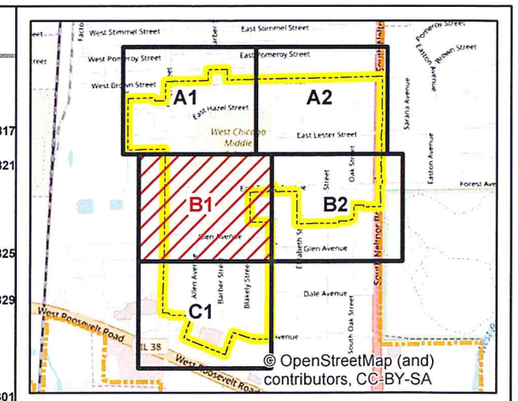
The Choice for Collection System Solutions

City of West Chicago, IL
2018 Smoke Testing and Manhole Inspections
Ex 6 - Smoke Tested Observations
Grid: A2
January 2019





Smoke Observations

- Building Interior (BI)
- Cleanout, Defective (CO, Def)
- Cleanout, Missing/Broken Cap (CO, M/B)
- Lateral (LAT)
- Non-Smoking Vent Stack (NSVS)
- Frame Seal Defect (FS)
- Building Interior Parcels
- Private Defect Parcels

Legend

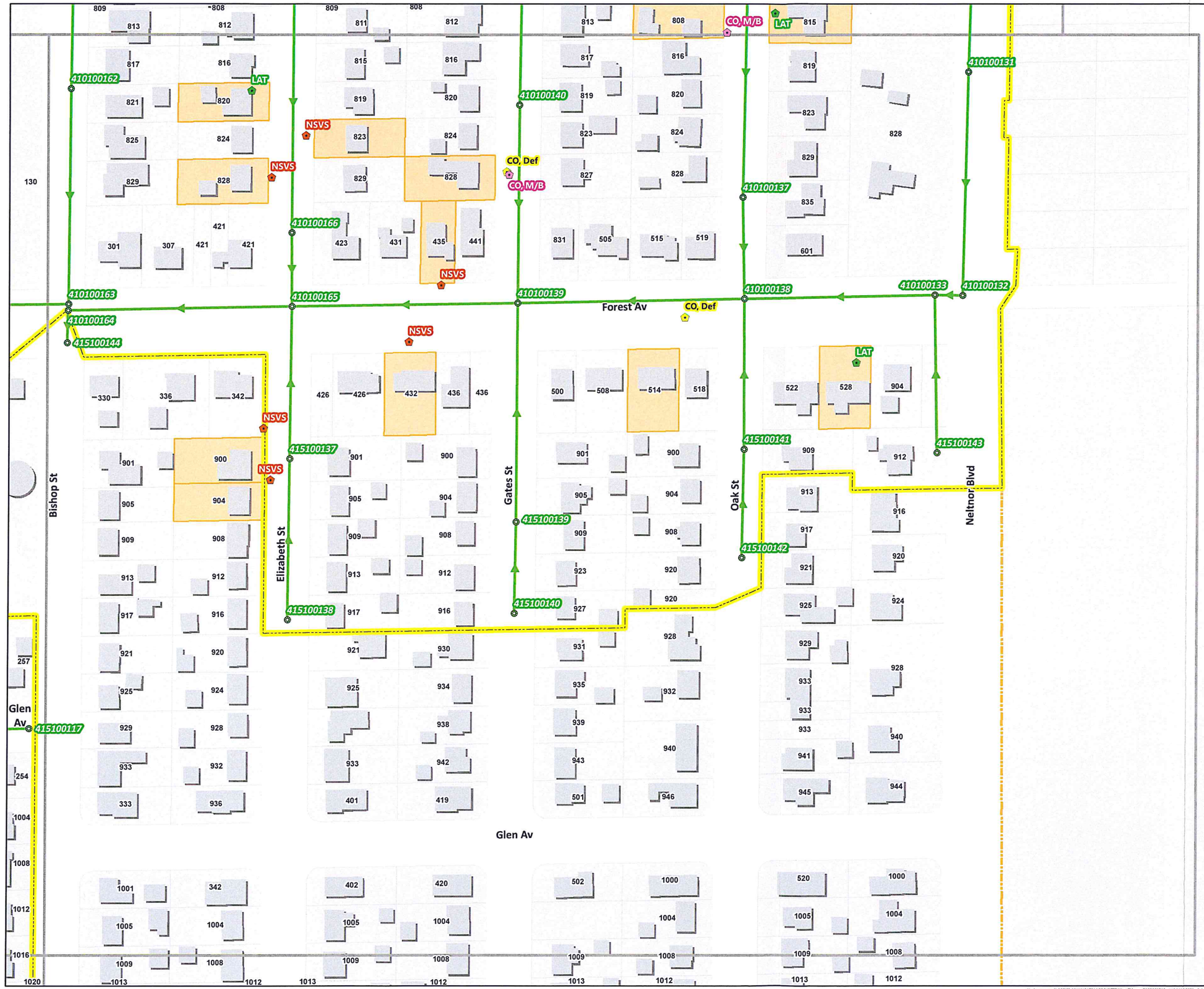
- City of West Chicago Manhole
- City of West Chicago Sewers
- RJN Study Area 2018
- City Boundary

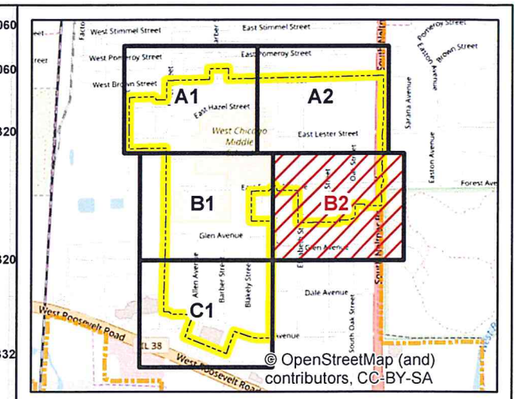
N W E S

0 75 150 300 Feet

rjngroup
The Choice for Collection System Solutions

City of West Chicago, IL
2018 Smoke Testing and Manhole Inspections
Ex 7 - Smoke Tested Observations
Grid: B1
January 2019





Smoke Observations

- Building Interior (BI)
- Cleanout, Defective (CO, Def)
- Cleanout, Missing/Broken Cap (CO, M/B)
- Lateral (LAT)
- Non-Smoking Vent Stack (NSVS)
- Frame Seal Defect (FS)
- Building Interior Parcels
- Private Defect Parcels

Legend

- City of West Chicago Manhole
- City of West Chicago Sewers
- RJN Study Area 2018
- City Boundary

N W E S

0 75 150 300 Feet

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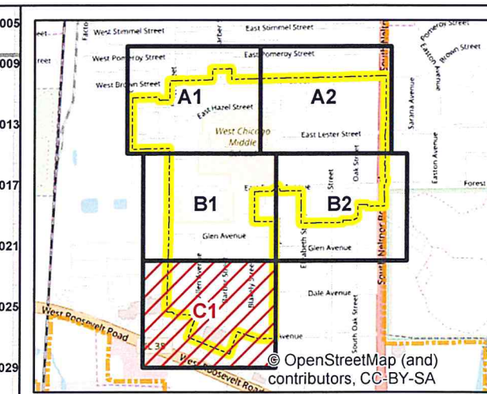
The Choice for Collection System Solutions

City of West Chicago, IL
2018 Smoke Testing and Manhole Inspections
Ex 8 - Smoke Tested Observations
Grid: B2
January 2019



Smoke Observations

- Building Interior (BI)
- Cleanout, Defective (CO, Def)
- Cleanout, Missing/Broken Cap (CO, M/B)
- Lateral (LAT)
- Non-Smoking Vent Stack (NSVS)
- Frame Seal Defect (FS)
- Building Interior Parcels
- Private Defect Parcels

Legend

- City of West Chicago Manhole
- City of West Chicago Sewers
- RJN Study Area 2018
- City Boundary

N W E S

0 75 150 300 Feet

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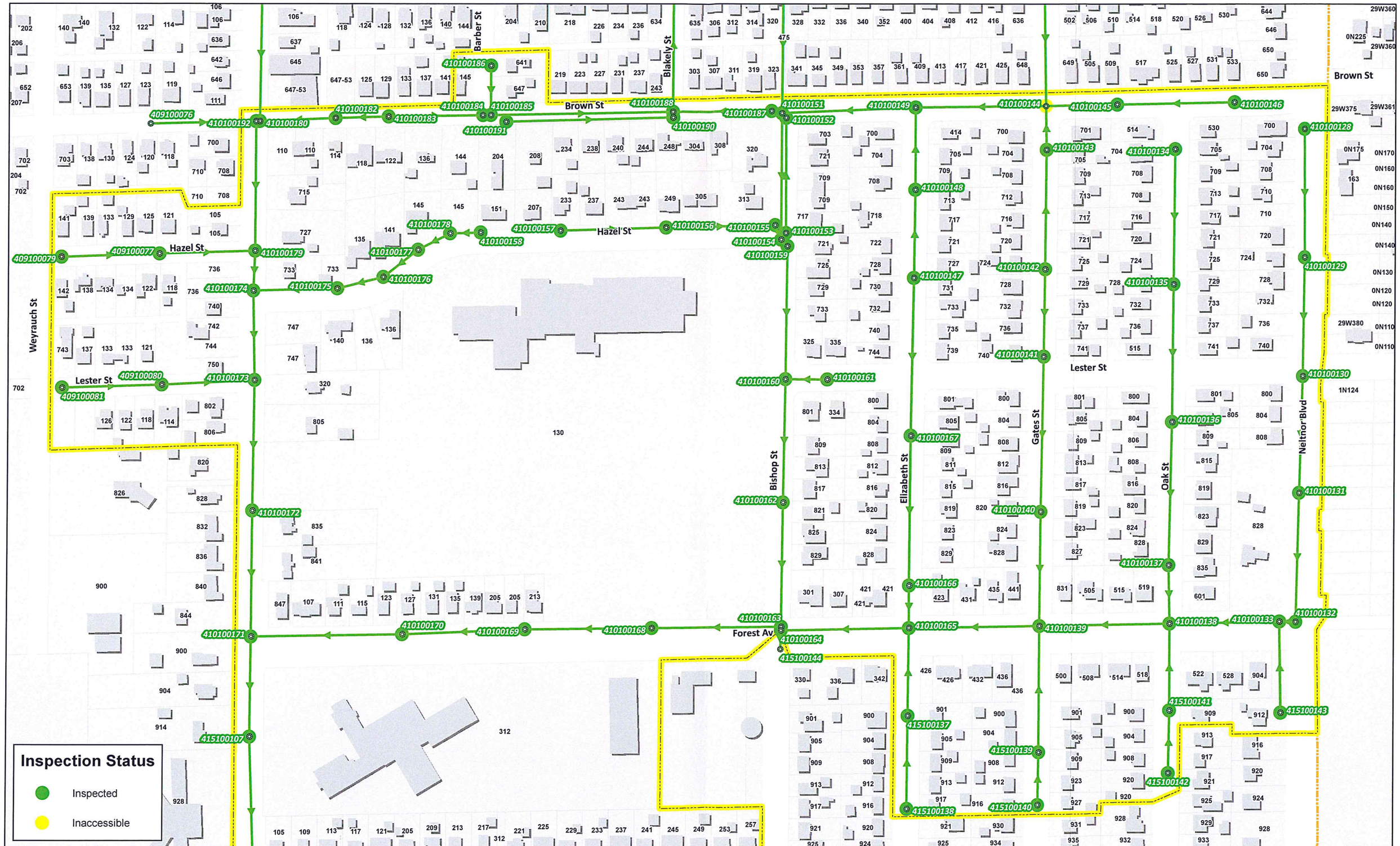
City of West Chicago, IL
2018 Smoke Testing and Manhole Inspections
Ex 9 - Smoke Tested Observations
Grid: C1
January 2019

\\wke-pancura1\OFFICE-11\WHEATON\PROJECTS\WestChicago IL\11321700 - WC 2018 SSES - Fairmeadows & Hillside Central\3.0 GIS\Map Documents\Map Documents - Exhibits\Report Exhibits\Ex 5 to 9 - Smoke Tested Observations (11x17).mxd - Date Printed: 1/22/2019 1:00:16 PM



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City of West Chicago Manhole
City of West Chicago Sewers
RJN Study Area 2018
City Boundary

City of West Chicago, IL
2018 Smoke Testing and Manhole Inspections
Ex 10 - Manhole Inspections - North
December 2018

Glen Av
Allen Av
Barber St
Blakely St
Bishop St
Elizabeth St
Gates St
Oak St
Neltnor Blvd
Dale Av
Augusta Av
Inspection Status
Inspected
Inaccessible
City of West Chicago Manhole
City of West Chicago Sewers
RJN Study Area 2018
City Boundary
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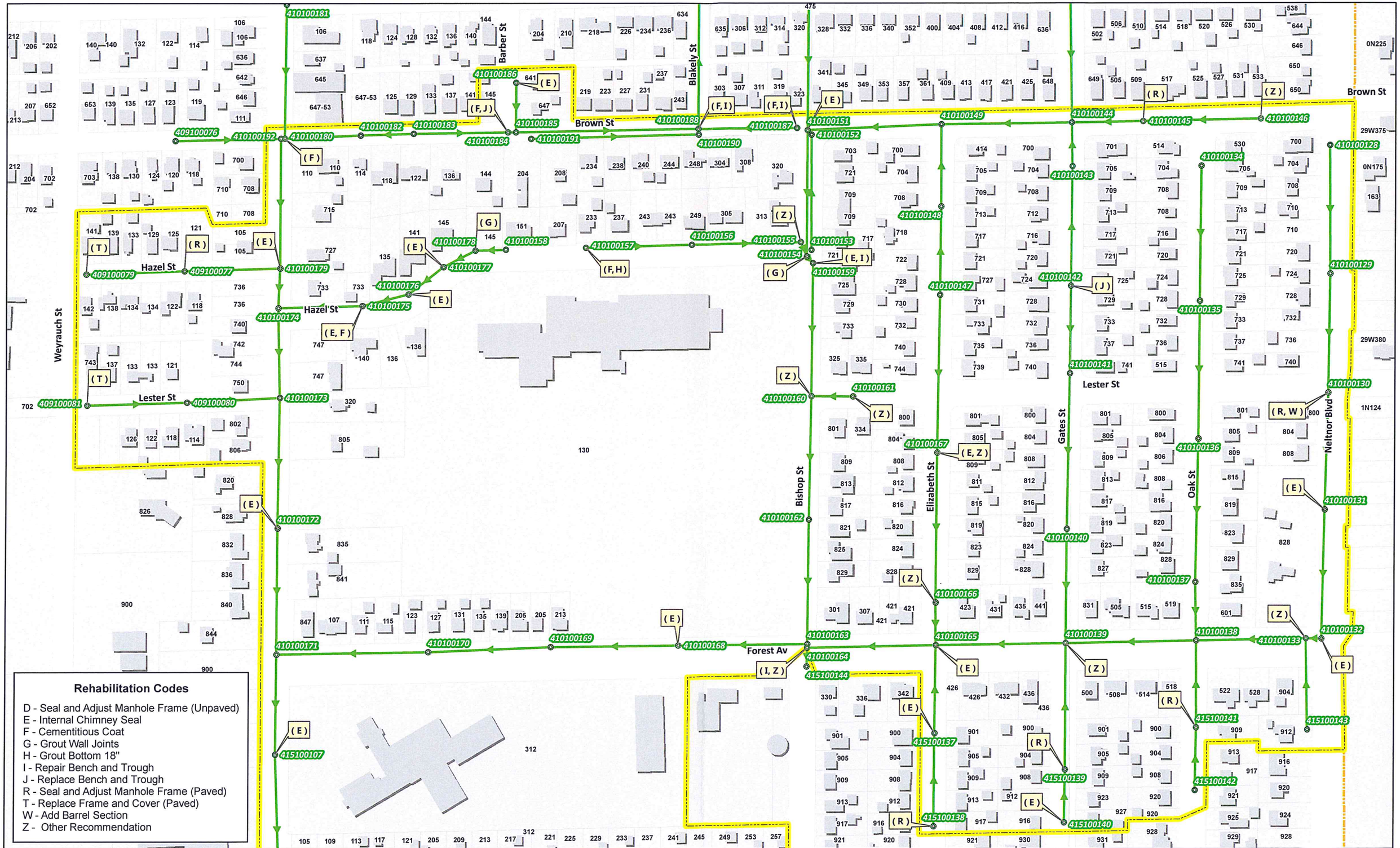
City of West Chicago, IL
2018 Smoke Testing and Manhole Inspections
Ex 11 - Manhole Inspections - South
December 2018


Brown St
Hazel St
Hazel St
Lester St
Lester St
Weyrauch St
Barber St
Blakely St
Bishop St
Elizabeth St
Gates St
Oak St
Neltnor Blvd
Forest Av
Rehabilitation Codes
D - Seal and Adjust Manhole Frame (Unpaved)
E - Internal Chimney Seal
F - Cementitious Coat
G - Grout Wall Joints
H - Grout Bottom 18"
I - Repair Bench and Trough
J - Replace Bench and Trough
R - Seal and Adjust Manhole Frame (Paved)
T - Replace Frame and Cover (Paved)
W - Add Barrel Section
Z - Other Recommendation
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City of West Chicago Manhole
City of West Chicago Sewers
RJN Study Area 2018
City Boundary
City of West Chicago, IL
2018 Smoke Testing and Manhole Inspections
Ex 12 - Manhole Inspections - North
December 2018

Glen Av
Allen Av
Barber St
Blakely St
Bishop St
Elizabeth St
Gates St
Oak St
Neltnor Blvd
Dale Av
Augusta Av
Roosevelt Rd
Rehabilitation Codes
D - Seal and Adjust Manhole Frame (Unpaved)
E - Internal Chimney Seal
F - Cementitious Coat
G - Grout Wall Joints
H - Grout Bottom 18"
I - Repair Bench and Trough
J - Replace Bench and Trough
R - Seal and Adjust Manhole Frame (Paved)
T - Replace Frame and Cover (Paved)
W - Add Barrel Section
Z - Other Recommendation
City of West Chicago Manhole
City of West Chicago Sewers
RJN Study Area 2018
City Boundary
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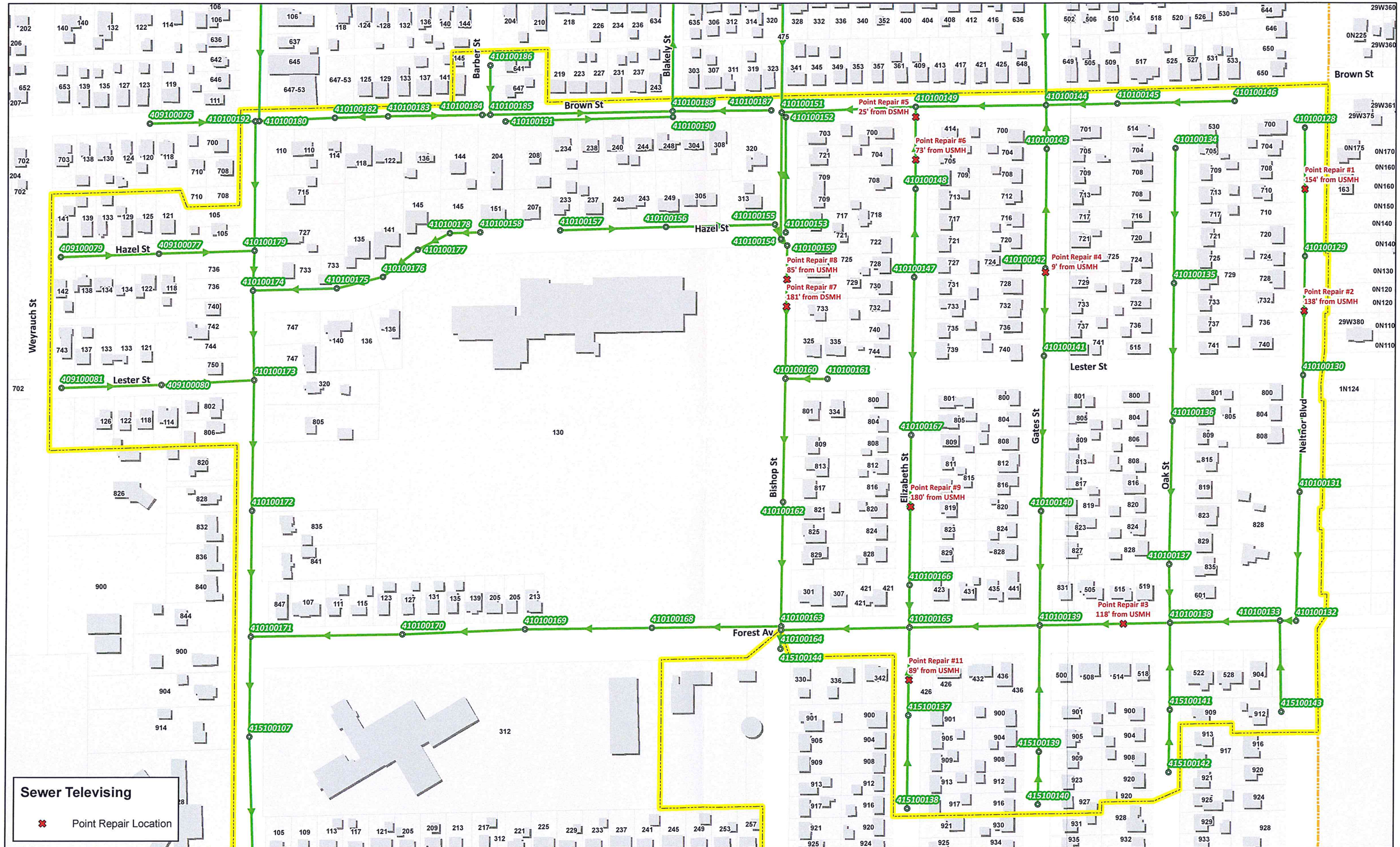
The Choice for Collection System Solutions
City of West Chicago, IL
2018 Smoke Testing and Manhole Inspections
Ex 13 - Manhole Inspections - South
December 2018



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Point Repair Location | City of West Chicago Manhole | City of West Chicago Sewers | RJN Study Area 2018 | City Boundary

City of West Chicago, IL
2018 Sanitary Sewer Televising
Ex 14 - Point Repair Locations - North
January 2019

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Point Repair Location | City of West Chicago Manhole | City of West Chicago Sewers | RJN Study Area 2018 | City Boundary

City of West Chicago, IL
2018 Sanitary Sewer Televising
Ex 15 - Point Repair Locations - South
January 2019

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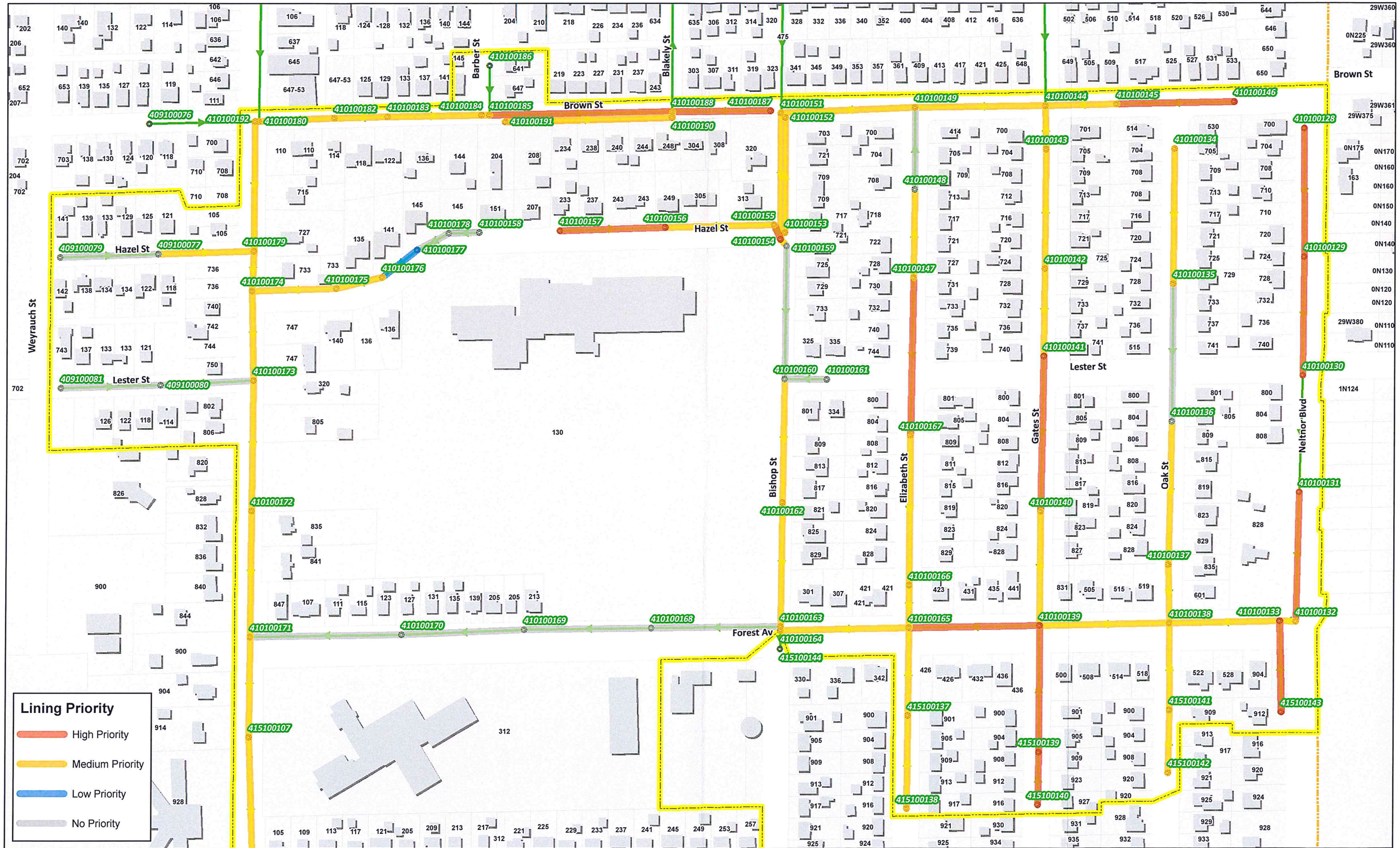

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City of West Chicago Manhole

City of West Chicago Sewers

City of West Chicago, IL
2018 Sanitary Sewer Televising
Ex 16 - Lining Priority - North
December 2018

City of West Chicago, IL
2018 Sanitary Sewer Televising
Ex 17 - Lining Priority - South
December 2018

APPENDIX B

PUBLIC RELATIONS & SAFETY

rjngroup

Engineering infrastructure for tomorrow

CITY OF
WEST CHICAGO

WHERE HISTORY & PROGRESS MEET

Dear West Chicago Resident:

In its ongoing efforts to improve the City of West Chicago's infrastructure, the Public Works Department will be conducting a study to assess the condition of the City's sanitary sewer system and identify locations where storm water is entering the City sanitary sewer system within your neighborhood. The study, referenced to as the 2018 Sanitary Sewer Evaluation Survey Study, is being performed by the engineering firm RJN Group, Inc. of Wheaton, Illinois, and will involve the following tasks:

- Sanitary sewer manhole surveying to identify structure locations.
- Sanitary sewer pipe cleaning and televising to be completed by National Power Rodding Corporation as a sub-contractor to RJN Group, Inc.
- Sanitary sewer manhole condition assessment and wet weather inspections.
- Sanitary sewer system smoke testing.

A representative from RJN Group may require access to your backyard/property in order to complete these inspections. City staff may also be onsite during the work to help assist homeowners in answering any questions and ensure the work is being completed according to plan.

Please feel free to contact the RJN Group representative, Joe Sullivan, at 630-346-2877 if you have any questions regarding this study.

We appreciate your cooperation in completion of this very important project. If you have any questions about the sewer evaluation program, please contact me at 630-293-2255 or rhorvath@westchicago.org.

Sincerely,

Rocky Horvath

Rocky Horvath
Utility Superintendent

475 Main Street
West Chicago, Illinois
60185

T (630) 293-2200
F (630) 293-3028
www.westchicago.org

Ruben Pineda
MAYOR

Nancy M. Smith
CITY CLERK

Michael L. Guttman
CITY ADMINISTRATOR

CITY OF
WEST CHICAGO

WHERE HISTORY & PROGRESS MEET

Estimado Residente de West Chicago:

En su esfuerzo continuo de mejorar la infraestructura de la Ciudad de West Chicago, el Departamento de Obras Públicas estará llevando a cabo un estudio para evaluar las condiciones del sistema de alcantarilla sanitaria de la Ciudad e identificar sitios donde agua de lluvia está entrando al sistema de alcantarillado sanitario de la Ciudad dentro de su vecindad. El estudio, referido como el Estudio de Evaluación de Alcantarillado Sanitario 2018, es siendo llevado a cabo por la compañía de ingeniería RJN Group, Inc. de Wheaton, Illinois, e incluye los siguientes trabajos:

- Identificar los sitios de estructura a medida de inspeccionar los pozos.
- Limpiar y televisar la tubería del alcantarillado sanitario por National Power Rodding Corporation como subcontratista de RJN Group, Inc.
- Evaluación de la condición de pozos del alcantarillado sanitario e inspecciones de clima lluvioso.
- Examen de humo al sistema de alcantarillado sanitario.

Puede ser que un representante de RJN Group requiera acceso a su propiedad para poder completar estas inspecciones. El personal de la Ciudad también estará presente durante el trabajo para ayudar a dueños de casa y responder a cualquier pregunta y asegurarse que el trabajo está siendo cumplido según el plan.

Por favor siéntase libre en contactar al representante de RJN Group, Joe Sullivan, al 630-346-2877 si tiene cualquier pregunta sobre el estudio de evaluación.

Nosotros apreciamos su cooperación para llevar a cabo este proyecto sumamente importante. Si tiene cualquier pregunta sobre el programa de evaluación del alcantarillado, por favor contacte a Adrian Marquez al 630-293-2200 extensión 123 o amarquez@westchicago.org.

Sinceramente,

Rocky Horvath

Rocky Horvath
Superintendente de Utilidad

475 Main Street
West Chicago, Illinois
60185

T (630) 293-2200
F (630) 293-3028
www.westchicago.org

Ruben Pineda
MAYOR

Nancy M. Smith
CITY CLERK

Michael L. Guttman
CITY ADMINISTRATOR

CITY OF

WEST CHICAGO

WHERE HISTORY & PROGRESS MEET

July 2018

Dear West Chicago Resident:

In its ongoing efforts to improve the City of West Chicago's infrastructure, the Public Works Department will be conducting a program to identify locations where storm water is entering the City sanitary sewer system. The study, being performed by the engineering firm RJN Group, Inc. of Wheaton, Illinois, includes smoke testing of the sanitary sewers in the area indicated on the map included with this letter.

Smoke testing is a simple means of locating openings in the sewer system that allow surface rainwater runoff to enter the sanitary sewers. Air combined with non-toxic smoke is forced into the sewer lines to disclose the location of connections and leaks. Smoke will appear where there are defects in the main sewer line or laterals (connection between the main line and a building) or where there are other connections to the sewer system such as roof drains, patio drains, and footing drains.

Smoke **should not** enter buildings unless there is defective plumbing or dried-up drain traps. **To help prevent smoke from entering your home, please pour water into infrequently used sinks and floor drains.** You should always feel free to call 911 in an emergency. However, if you believe smoke is entering your home from smoke testing, please contact a member of the RJN field crew if they are still on your street. If the RJN field crew is no longer in the area you may contact RJN Group's office at 630-682-4700.

The smoke is non-toxic, creates no fire hazard, leaves no residue, dissipates quickly, and is harmless. However, if someone in your home has respiratory problems, you may wish to take extra precautions on your own, such as leaving your home until the smoke testing is completed.

The smoke testing will be started in early August and is anticipated to be completed by mid-August. Additional notification will be provided by door hanger cards 24 - 72 hours before the smoke testing is to start in your area and signs will be posted at highly visible intersections when the crews are testing.

Additional information on smoke testing can be found on the RJN website: www.rjn.com under the "Are we smoke testing in your area?" image and on the City's website: www.westchicago.org. If you have questions please call Joe Sullivan at RJN at (630) 682-4700 x337 or Rocky Horvath at the City of West Chicago Department of Public Works at (630) 293-2255.

Sincerely,

City of West Chicago, Department of Public Works

475 Main Street
West Chicago, Illinois
60185

T (630) 293-2200
F (630) 293-3028
www.westchicago.org

Ruben Pineda
MAYOR

Nancy M. Smith
CITY CLERK

Michael L. Guttman
CITY ADMINISTRATOR

CITY OF

WEST CHICAGO

WHERE HISTORY & PROGRESS MEET

Julio 2018

Estimado residente de la Ciudad de West Chicago:

En un esfuerzo continuo de mejorar la infraestructura de la Ciudad de West Chicago, el Departamento de Trabajos Públicos, estará conduciendo un programa para identificar donde el sistema de agua fluvial está entrando al sistema sanitario. El estudio está siendo conducido por la firma de ingenieros de la compañía RJN group Inc. de Wheaton, Illinois, e incluye pruebas de humo en las líneas del drenaje sanitario en el área indicada en el mapa incluido en esta carta.

Las pruebas de humo son una forma sencilla para localizar aperturas en el sistema del drenaje que permite la entrada de agua cuando llueve en el sistema sanitario. Aire combinado con humo, no tóxico es forzado en las líneas del drenaje para localizar las conexiones y las infiltraciones. El humo va aparecer donde haya defectos en la línea principal o laterales (la tubería que conecta la línea principal y la de la casa o edificio) o donde haya otras conexiones al sistema sanitario como, el drenaje del techo, el drenaje del patio y el drenaje debajo de la tierra.

El humo **no debe** entrar a su casa o edificio al menos que usted tenga plomería defectuosa o trampas del desagüe secas. **Para evitar que el humo entre a su casa o edificio, por favor ponga agua en las trampas y desagües que no usa con frecuencia**. En caso de emergencia usted siempre debe llamar al 911. De cualquier manera si usted cree que el humo que está entrando a su casa es de las pruebas de humo, por favor contacte a alguien de la cuadrilla de trabajadores de RJN si todavía se encuentra en su calle. Si la cuadrilla de trabajadores ya no está en su área puede llamar a la oficina de RJN Group al 630-682-4700.

El humo no es tóxico, no crea ningún riesgo de incendio, no deja residuos, desaparece pronto y es inofensivo. Sin embargo, si hay alguien en su casa con problemas respiratorios, deberá tomar extra precaución por su cuenta, como salir de su casa hasta que las pruebas de humo sean terminadas.

El humo de la prueba se iniciará a mediados de julio y se prevé que concluirá a principios de agosto. **Información adicional será proveída 24- 72 horas antes de empezar** las pruebas de humo en su área, que colgaremos en sus puertas. Anuncios altamente visibles serán colocados en las intersecciones cuando las cuadrillas estén trabajando.

Información adicional sobre las pruebas de humo se puede encontrar en la página Web de RJN: www.rjn.com, bajo "Are we smoke testing in your area?" "Estamos haciendo pruebas de humo en su área?" o en la página web de la Ciudad: www.westchicago.org. Si tiene preguntas por favor llame a David Edgren de RJN al 630-682-4700 extensión 322 o Rocky Horvath del Departamento de Trabajos Públicos de la Ciudad de West Chicago al 630-293-2255.

Sinceramente

Ciudad de West Chicago, Departamento de Trabajos Públicos

475 Main Street
West Chicago, Illinois
60185

T (630) 293-2200
F (630) 293-3028
www.westchicago.org

Ruben Pineda
MAYOR

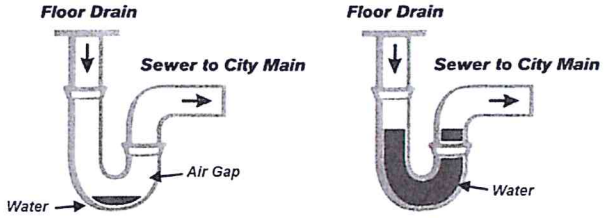
Nancy M. Smith
CITY CLERK

Michael L. Guttman
CITY ADMINISTRATOR

N O T I C E

Inspection crews will be conducting a physical survey of the **City of West Chicago** sanitary sewer system in your area. Workers will be accessing manholes to "SMOKE TEST" sewers and locate defects in the system. The smoke is NON-TOXIC, HARMLESS AND CREATES NO FIRE HAZARD.

The smoke should not enter your home unless you have defective plumbing or dried up drain traps. Pour 1 gallon of water down all floor drains and any rarely used sinks/tubs/ toilets to ensure that a water barrier is maintained in the drain traps. The drain trap water barrier is there to prevent sewer gases or odors from entering the building. If the drain trap water barrier is present and smoke does enter your home, the potential exists for sewer gases to also enter your home and you should consult a licensed plumber to fix the problem.



Dry or Leaking Floor Drain: Sewer Gases are not Contained ***Working Floor Drain: Sewer Gases are Contained***

Some sewer lines and manholes may be located in backyards. Whenever these lines require investigation, members of the inspection crews will need access to the sewer lines and manholes. These crews are RJN Group personnel and will be identified with uniforms and badges. Homeowners do not need to be home and **FIELD CREWS ARE NOT REQUIRED TO ENTER YOUR BUSINESS OR RESIDENCE.**

If smoke enters your home, and the field crew is still on your street, please contact a member of the crew or the RJN Field Crew Leader at 630-639-1914.

We anticipate the smoke testing will require a few days in your area. Your cooperation is appreciated. The information gained from this study will be used to improve the sewer system in keeping with state and federal regulations.

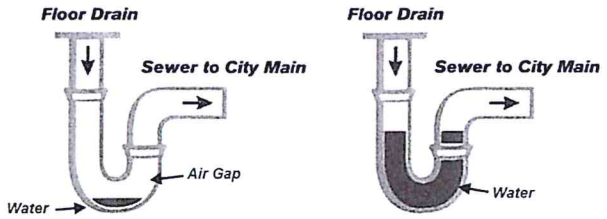
For additional information:
West Chicago website: www.westchicago.org
RJN Group website: www.rjn.com/client-portal

City of West Chicago, Public Works Director – Rob Flatter – 630-293-2255
RJN Project Manager, Joe Sullivan – 630-346-2877

A V I S O

En los próximos días, grupos de inspectores estarán conduciendo un examen físico del sistema del drenaje de la **Ciudad de West Chicago**. Los trabajadores tendrán acceso a las alcantarillas para hacer pruebas de humo y localizar defectos en el sistema de drenaje. EL HUMO NO ES TÓXICO, ES INOFENSIVO Y NO CREA NINGÚN RIESGO DE INCENDIOS.

El humo no debe entrar a su casa o negocio a menos que tenga plomería defectuosa o trampas de desagüe secas. Si usted tiene algún desagüe que no ha sido utilizado con frecuencia, por favor vierta una jarra grande de agua en el desagüe para llenar la trampa. Esto debe evitar que el humo entre el edificio. Si humo entra a través de una trampa llena, existe la posibilidad de que los gases del drenaje entren a su casa o establecimiento y usted debe consultar un plomero licenciado para arreglar el problema.



Dry or Leaking Floor Drain: Sewer Gases are not Contained ***Working Floor Drain: Sewer Gases are Contained***

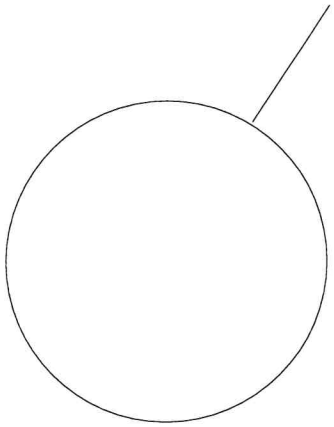
Algunas tuberías y alcantarillas se localizan en las yardas traseras. Cuando estas tuberías requieren una investigación, los miembros del grupo de inspectores necesitarán acceso a la yarda trasera para inspección. Estos equipos de trabajadores son personal de RJN Group y estarán uniformados y llevando sus respectivas tarjetas de identificación. Los dueños de casa no necesitan estar presente y **EN NINGÚN MOMENTO LOS EQUIPOS DE TRABAJADORES NECESITAN ENTRAR A SU NEGOCIO O RESIDENCIA.**

Si entra humo a su casa por favor contacte a uno de los trabajadores si todavía se encuentran en su calle, o llame al jefe de la cuadrilla: 630-639-1914.

Anticipamos que las pruebas de humo durarán unos pocos días en su área. Se le agradece su cooperación. La información obtenida de este estudio será utilizado para mejorar el alcantarillado de acuerdo con regulaciones estatales y nacionales.

Información adicional se encuentra en la web:
Página Web de West Chicago: www.westchicao.org
Página Web de RJN Group: www.rjn.com/client-portal

David Edgren, RJN (Hispanohablante) – 630-346-4633
Ciudad de West Chicago, Departamento de Trabajos Publicos Rob Flatter – 630-293-2255



ATTENTION RESIDENTS!

Sewer Cleaning & Internal Television Inspection of Sewers Project to Begin.

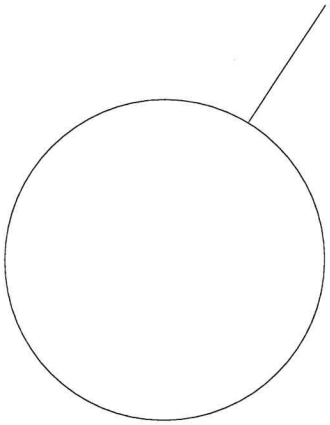
As another community improvement, the City of West Chicago has contracted with National Power Rodding Corp. to clean, televise and rehabilitate the sanitary sewers in your neighborhood. Work will begin in your area within 1-3 business days and will last 1 -2 days.

The cleaning process uses high-pressure water jetting equipment that may induce pressure changes in the sewer. Below are helpful tips to reduce any inconvenience during the scheduled work:

- Keep toilet seat covers down.
- Make sure pea traps have water to prevent odors from entering the basement.
- Cover basement drains to prevent backsplash.
- Loosen caps or plugs on any exterior sewer service cleanouts.

If you have any questions, please contact:

National Power Rodding Corp. Office:
312-666-7700
or
City of West Chicago
630-293-3028



ATTENTION RESIDENTS!

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APPENDIX C

DEFECTS AND RECOMMENDATION TABLES

rjngroup

Engineering infrastructure for tomorrow

City of West Chicago, IL

2018 SSES - Smoke Testing Observation Summary

PUBLIC SECTOR DEFECTS						
Upstream MH	Downstream MH	Address	Defect Type	Smoke Intensity	Paved/Unpaved	Flow (GPD)
410100178	410100177	145 E Hazel St	Manhole Upstream	Low	Unpaved	720
415100112	415100111	1036 Allen Ave	Manhole Upstream	Low	Unpaved	720
415100113	415100112	1016 Allen Ave	Manhole Upstream	Low	Unpaved	720
415100123	415100119	1020 Barber St	Manhole Upstream	Low	Unpaved	720
415100123	415100119	1040 Barber St	Manhole Upstream	High	Unpaved	720
415100128	415100127	1024 Blakely St	Manhole Upstream	Low	Unpaved	720
415100129	415100128	234 Glen St	Manhole Upstream	High	Unpaved	720
415100134	415100133	246 Glen Ave	Manhole Upstream	High	Unpaved	720
415100133	415100132	1024 Bishop St	Manhole Upstream	Medium	Unpaved	720
	Total:	9 Manhole, Upstream			Total:	6,480
410100178	410100177	145 E Hazel St	Manhole Downstream	Low	Unpaved	720
	Total:	1 Manhole, Downstream			Total:	720

City of West Chicago, IL

2018 SSES - Smoke Testing Observation Summary

PRIVATE SECTOR DEFECTS						
Upstream MH	Downstream MH	Address	Defect Type	Smoke Intensity	Paved/Unpaved	Flow (GPD)
409100077	410100179	118 W Hazel St	Cleanout, Defective	Low	Unpaved	1,440
409100079	409100077	134 W Hazel St	Cleanout, Defective	High	Unpaved	1,440
410100134	410100135	717 S Oak St	Cleanout, Defective	Low	Unpaved	1,440
410100138	410100139	514 E Forest Ave	Cleanout, Defective	Low	Unpaved	1,440
410100140	410100139	828 Gates St	Cleanout, Defective	Low	Unpaved	1,440
410100143	410100144	713 Gates St	Cleanout, Defective	High	Unpaved	1,440
410100144	410100149	648 Gates St	Cleanout, Defective	High	Unpaved	1,440
	Total:	7 Cleanout, Defective			Total:	10,080
410100136	410100137	808 S Oak St	Cleanout, Missing/Broken Cap	Low	Unpaved	1,051
410100140	410100139	828 Gates St	Cleanout, Missing/Broken Cap	High	Unpaved	14
410100147	410100148	727 Elizabeth St	Cleanout, Missing/Broken Cap	High	Unpaved	14
415100122	415100121	177 Augusta Ave	Cleanout, Missing/Broken Cap	High	Paved	1,584
415100123	415100119	1040 Barber St	Cleanout, Missing/Broken Cap	High	Unpaved	1,051
	Total:	5 Cleanout, Missing/Broken Cap			Total:	3,715
410100130	410100131	808 S Neltnor Blvd	Lateral	High	Unpaved	1,440
410100133	410100138	528 E Forest Ave	Lateral	High	Unpaved	1,440
410100136	410100137	815 S Oak St	Lateral	High	Unpaved	1,440
410100142	410100141	733 Gates St	Lateral	Low	Unpaved	1,440
410100146	410100145	514 E Brown St	Lateral	High	Unpaved	1,440
410100146	410100145	517 E Brown St	Lateral	Low	Unpaved	1,440
410100146	410100145	525 E Brown St	Lateral	Low	Unpaved	1,440
410100149	410100151	349 E Brown St	Lateral	Medium	Unpaved	1,440
410100154	410100159	721 Bishop St	Lateral	Low	Unpaved	1,440
410100157	410100156	201 E Hazel St	Lateral	Low	Unpaved	1,440
410100167	410100166	820 Elizabeth St	Lateral	Low	Unpaved	1,440
410100187	410100188	319 E Brown St	Lateral	Low	Unpaved	1,440
410100191	410100190	240 E Brown St	Lateral	Low	Unpaved	1,440
415100124	415100123	1105 Barber St	Lateral	Low	Unpaved	1,440
415100129	415100128	1009 Barber St	Lateral	Medium	Unpaved	1,440
	Total:	15 Lateral			Total:	21,600

City of West Chicago, IL

2018 SSES - Smoke Testing Observation Summary

SUSPECT PRIVATE SECTOR DEFECTS						
	410100129	410100130	724 E Lester St	Building Interior	High	Paved
	410100148	410100149	414 Elizabeth St	Building Interior	Low	Unpaved
	410100149	410100151	341 E Brown St	Building Interior	Low	Paved
	410100149	410100151	357 E Brown St	Building Interior	Low	Unpaved
		Total:	4 Building Interior			
	410100139	410100165	432 E Forest Ave	Non-Smoking Vent Stack	Low	Paved
	410100139	410100165	435 E Forest Ave	Non-Smoking Vent Stack	Low	Unpaved
	410100143	410100144	704 Gates St	Non-Smoking Vent Stack	Low	Paved
	410100147	410100167	732 Elizabeth St	Non-Smoking Vent Stack	Low	Paved
	410100147	410100167	735 Elizabeth St	Non-Smoking Vent Stack	Low	Unpaved
	410100147	410100167	740 Elizabeth St	Non-Smoking Vent Stack	Low	Unpaved
	410100151	410100154	313 Bishop St	Non-Smoking Vent Stack	Low	Unpaved
	410100151	410100154	320 Bishop St	Non-Smoking Vent Stack	Low	Unpaved
	410100167	410100166	823 Elizabeth St	Non-Smoking Vent Stack	Low	Unpaved
	410100167	410100166	828 Elizabeth St	Non-Smoking Vent Stack	Low	Unpaved
	410100170	410100171	115 E Forest Ave	Non-Smoking Vent Stack	Low	Unpaved
	410100174	410100173	747 Joliet St	Non-Smoking Vent Stack	Low	Unpaved
	415100114	415100113	1004 Allen Ave	Non-Smoking Vent Stack	Low	Unpaved
	415100117	415100116	245 Glen Ave	Non-Smoking Vent Stack	Low	Paved
	415100137	410100165	904 Elizabeth St	Non-Smoking Vent Stack	Low	Unpaved
	415100138	415100137	900 Elizabeth St	Non-Smoking Vent Stack	Low	Unpaved
		Total:	17 Non-Smoking Vent Stack			

City of West Chicago, IL
2018 Manhole Rehabilitation Recommendations

Manhole No.	Street Number	Street Name	Structure Material	Surface Type	Frame Adjustment Height (in)	Manhole Diameter (in)	Structure Depth (ft)	Replace Cover & Frame (Paved)	Seal & Adjust MH Frame (Paved)	Seal & Adjust MH Frame (Unpaved)	Internal Chimney Seal	Grout Wall Joints	Number of Wall Joints	Cementitious Coat	Grout Bottom 18"	Repair Bench & Trough	Replace Bench & Trough	Add Barrel Section	Other Recommendation	Comments
409100077	118	W Hazel St	Precast Concrete	Asphalt	4	48	7.7		X											Chimney deteriorated
409100079	141	W Hazel St	Precast Concrete	Asphalt	4	48	7.95	X												Damaged Frame
409100080	114	W Lester St	Precast Concrete	Asphalt		48	11.61													None
409100081	134	W Lester St	Precast Concrete	Asphalt		36	3.2	X												Damaged Frame
410100128	712	S Neltnor Blvd	Precast Concrete	Asphalt	4	48	8.69													None
410100129	724S	Rt 59	Precast Concrete	Asphalt	18	48	11.7													None
410100130	500	E Lester St	Precast Concrete	Asphalt	36	36	10.15		X									X		36" chimney
410100131	819	Rt 59	Precast Concrete	Asphalt	27	48	9.85				X									Inflow Evidence on Chimney
410100132	822	S Neltnor Blvd	Precast Concrete	Asphalt	24	36	7.22				X									clean manhole and inflow evidence on chimney
410100133	530	E Forest Ave	Precast Concrete	Non-Paved	30	48	6.1												Replace Manhole	30" chimney
410100134	700	S Oak St	Precast Concrete	Asphalt	2	48	8.73													None
410100135	724	S Oak St	Precast Concrete	Asphalt	1	48	7.2													None
410100136	805	S Oak St	Precast Concrete	Asphalt	1	48	10.22													None
410100137	828	S Oak St	Precast Concrete	Asphalt	4	48	12.55													None
410100138	523	E Forest Ave	Precast Concrete	Asphalt	12	48	14.5													None
410100139	828	Gates St	Precast Concrete	Asphalt		48	17.04												Patch Cone	Damaged Cone
410100140	820	Gates St	Precast Concrete	Asphalt	2	48	8.81													None
410100141	740	Gates St	Precast Concrete	Asphalt	3	48	7.98													None
410100142	724	Gates St	Precast Concrete	Asphalt		48	7.1										X			
410100143	701	Gates St	Precast Concrete	Asphalt	4	48	8.23													None, Possible corrosion
410100144	701	Gates St		Asphalt																Inaccessible, Surcharged
410100145	500	E Brown St	Precast Concrete	Asphalt		48	8.09		X											
410100146	530	E Brown St	Precast Concrete	Asphalt		48	7.77												Patch Cone	Damaged Cone
410100147	728	Elizabeth St	Precast Concrete	Asphalt		48	8.13													None
410100148	708	Elizabeth St	Precast Concrete	Asphalt	2	48	7.64													None
410100149	328	E Brown St	Precast Concrete	Asphalt	10	48	15.62													None
410100151	703	Bishop St	Precast Concrete	Asphalt	8	48	15.08				X									
410100152	709	Bishop St	Precast Concrete	Asphalt	4	48	9.22													None
410100153	709	Bishop St	Concrete Block	Asphalt	8	36	7.32													None
410100154	721	Bishop St	Precast Concrete	Asphalt	2	48	23.8					X	2							
410100155	700	Bishop St	Precast Concrete	Concrete	1	48	10.6												Wall Patch	Patch wall where rebar is showing
410100156	243	E Hazel St	Precast Concrete	Non-Paved	2	48	10.18													None
410100157	207	E Hazel St	Precast Concrete	Non-Paved		48	5.5							X	X					Roots and dirt in manhole
410100158	145	E Hazel St	Precast Concrete	Concrete	8	48	6.7													None
410100159	721	Bishop St	Precast Concrete	Asphalt	4	48	23.61				X					X				Deteriorated Chimney and Bench
410100160	300	E Lester St	Precast Concrete	Asphalt	4	48	20												Patch Cone	Damaged Cone
410100161	300	E Lester St	Precast Concrete	Asphalt	2	48	9.52												Clean Manhole	
410100162	817	Bishop St	Precast Concrete	Asphalt		48	9.38													None
410100163	829	Bishop St	Precast Concrete	Asphalt		48	10.1													None
410100164	829	Bishop St	Precast Concrete	Asphalt		48	10.22									X			Wall Patch	Deteriorated Bench and wall
410100165	828	Elizabeth St	Precast Concrete	Asphalt	12	48	16.25				X									
410100166	828	Elizabeth St	Precast Concrete	Asphalt	2	48	6.9												Clean Manhole	
410100167	804	Elizabeth St	Precast Concrete	Asphalt	10	48	11.43				X								Clean Manhole	clean manhole and inflow evidence on chimney
410100168	213	E Forest Ave	Precast Concrete	Non-Paved	4	48	9.75				X									Inflow Evidence on Chimney
410100169	205	E Forest Ave	Precast Concrete	Non-Paved	8	48	8.4													None
410100170	123	E Forest Ave	Precast Concrete	Non-Paved	12	48	9.6													None
410100171	844	Joliet St	Precast Concrete	Asphalt	8	48	19.88													None
410100172	828	Joliet St	Precast Concrete	Asphalt	4	48	15.72				X									
410100173	800	Joliet St	Precast Concrete	Asphalt	2	72	15.64													None
410100174	733	Joliet St	Precast Concrete	Asphalt	4	72	16.59													None
410100175	101	E Hazel St	Precast Concrete	Concrete	6	48	11.32				X			X						
410100176	135	E Hazel St	Precast Concrete	Non-Paved	16	48	9.37				X									
410100177	141	E Hazel St	Precast Concrete	Non-Paved	4	36	6.6				X									
410100178	145	E Hazel St	Precast Concrete	Concrete		48	7.3					X	2							

City of West Chicago, IL
2018 Manhole Rehabilitation Recommendations

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410100179	728	Joliet St	Precast Concrete	Asphalt	4	72	17.41				X									
410100180	101	E Brown St	Brick	Asphalt	2	48	13.38							X						
410100182	110	E Brown St	Precast Concrete	Asphalt		48	9.12													None
410100183	129	E Brown St	Precast Concrete	Asphalt	0	48	11.22													None
410100184	200	E Brown St	Brick	Asphalt	14	48	7.75							X			X			
410100185	200	E Brown St	Precast Concrete	Asphalt	0	48	7.55													None
410100186	641	Barber St	Precast Concrete	Non-Paved	10	36	6.4				X									
410100187	320	E Brown St	Brick	Asphalt	4	48	6.78							X		X				
410100188	300	E Brown St	Brick	Asphalt	4	48	7.78							X		X				
410100190	298	E Brown St	Precast Concrete	Non-Paved	4	48	7.62													None
410100191	204	E Brown St	Precast Concrete	Non-Paved	14	48	8.22													None
410100192	653	Joliet St	Precast Concrete	Asphalt	4	48	18.45													None
415100105	1009	Joliet St	Precast Concrete	Asphalt	4	48	23.4				X									Can't see wall condition
415100106	100	Glen Ave	Precast Concrete	Asphalt	6	48	20.75				X	X	1							
415100107	901	Joliet St	Precast Concrete	Asphalt	4	48	21.88				X									
415100108	1033	Joliet St	Precast Concrete	Non-Paved	8	48	16.15													Minor Corrosion, None
415100109	100	Augusta Ave	Precast Concrete	Asphalt		48	14.08													Minor Corrosion, None
415100111	100	Augusta Ave	Precast Concrete	Asphalt		48	13.85													None
415100112	1032	Allen Ave	Precast Concrete	Non-Paved		48	6.54			X										
415100113	1016	Allen Ave	Concrete Block	Non-Paved	14	48	7.88							X						Next to garage
415100114	109	Glen Ave	Concrete Block	Asphalt		48	7.58		X											
415100115	213	Glen Ave	Concrete Block	Asphalt	4	48	6.68				X			X		X				
415100116	233	Glen Ave	Concrete Block	Asphalt	2	48	6.02				X									
415100117	257	Glen Ave	Concrete Block	Asphalt	2	48	6.3		X					X						
415100118	121	Augusta Ave	Precast Concrete	Asphalt		48	13.88													Minor Corrosion, None
415100119	131	Augusta Ave	Precast Concrete	Asphalt	4	48	15.32													None
415100120	130	Augusta Ave	Precast Concrete	Asphalt		48	2.8		X										Epoxy Coat	Clean manhole, Corrosion - May need epoxy
415100121	264	Augusta Ave	Precast Concrete	Asphalt	8	48	3.3				X								Epoxy Coat	Corrosion - Epoxy
415100122	264	Augusta Ave		Asphalt																Inaccesible, This may be a cleanout, not a manhole
415100123	1036	Barber St	Precast Concrete	Non-Paved		48	4.3				X									Next to wooden fence
415100124	1016	Barber St	Concrete Block	Non-Paved		48	7.82							X						
415100125	200	Glen Ave	Concrete Block	Non-Paved		48	8.45							X						
415100126	264	Augusta Ave	Precast Concrete	Asphalt		48	16.22													Minor Corrosion, None
415100127	1100	Blakely St	None	Non-Paved		48	3.16							X						
415100128	1020	Blakely St	Concrete Block	Non-Paved		48	5.5													None
415100129	234	Glen St	Concrete Block	Non-Paved		48	7.08													None
415100130	276	Augusta Ave	Precast Concrete	Asphalt	8	48	17.28													None
415100131	231	Augusta Ave	Precast Concrete	Asphalt		48	16.76													None
415100132	1105	Blakely St	Precast Concrete	Non-Paved	14	48	6.8			X					X					Next to wooden fence
415100133	1025	Blakely St	Precast Concrete	Non-Paved	4	48	4.75			X										Next to metal fence
415100134	246	Glen Ave	Precast Concrete	Non-Paved	6	48	8.62			X				X	X					Next to metal fence
415100135	231	Augusta Ave	Precast Concrete	Asphalt	4	48	15.65												Patch wall deterioration near the invert	
415100137	901	Elizabeth St	Precast Concrete	Asphalt	2	48	7.94				X									
415100138	917	Elizabeth St	Precast Concrete	Asphalt	12	48	8.62		X											
415100139	905	Gates St	Precast Concrete	Asphalt	26	48	7.71		X											
415100140	927	Gates St	Precast Concrete	Asphalt	18	48	10.03				X									Can't see bench/channel condition
415100141	901	S Oak St	Precast Concrete	Asphalt	24	48	7.22		X											
415100142	921	S Oak St	Precast Concrete	Asphalt		48	9.85													None
415100143	901	Hahn Pl	Precast Concrete	Concrete		48	7.77													None
415100145	276	Augusta Ave	Precast Concrete	Concrete	4	48	11.2												Clean bench	

WEST CHICAGO 2018 LINING PRIORITIES							
USMH	DSMH	Diameter (in.)	Pipe Material	Televised Length (ft)	Service Grouts	T-Liners	Lining Priority
409100077	410100179	8	PVC & Clay	238	0		Medium
409100079	409100077	8	PVC	247	0		None
409100080	410100173	8	PVC	235	0		None
409100081	409100080	8	PVC	247	1		None
410100128	410100129	8	VCP	325	2		High
410100129	410100130	8	VCP	302	2		High
410100131	410100132	8	VCP	325	0		High
410100132	410100133	10	VCP	41	0		Medium
410100133	410100138	10	VCP	282	0		Medium
410100134	410100135	8	VCP	342	10	0	Medium
410100135	410100136	8	PVC	342	0		None
410100136	410100137	8	VCP	363	7	0	Medium
410100137	410100138	8	VCP	150	0	1	Medium
410100138	410100139	10	VCP	332	0		Medium
410100139	410100165	10	VCP	331	0		High
410100140	410100139	8	VCP	289	1		Medium
410100141	410100140	8	VCP	393	9	2	High
410100142	410100141	8	VCP	211	5	0	Medium
410100142	410100143	8	VCP	304	7	1	Medium
410100143	410100144	8	VCP	110	0		Medium
410100144	410100149	8	VCP	333	0	1	Medium
410100145	410100144	8	VCP	182	1		Medium
410100146	410100145	8	VCP	300	1		High
410100147	410100167	8	VCP	398	4	2	High
410100147	410100148	8	VCP	224	4	2	Medium
410100148	410100149	8	VCP	100	1		Not Completed
410100149	410100151	8	VCP	340	3	1	Medium
410100151	410100154	10	VCP	321	0		Medium
410100153	410100152	10	VCP	290	0		Medium
410100154	410100159	10	VCP	22	0		Medium
410100155	410100154	10	VCP	28	0		High
410100156	410100155	8	VCP	275	0	1	Medium
410100157	410100156	8	VCP	267	0	1	High
410100159	410100160	10	VCP	267	0	2	None
410100160	410100162	10	VCP	314	1		Medium
410100161	410100160	10	PVC	107	0		None
410100162	410100163	10	VCP	316	0	1	Medium
410100163	410100168	18	PVC	325	0		None
410100165	410100164	10	PVC	323	1		Medium
410100166	410100165	8	VCP	107	1		Medium
410100167	410100166	8	VCP	381	8	2	Medium
410100168	410100169	18	PVC	321	0		None
410100169	410100170	18	PVC	309	0		None

WEST CHICAGO 2018 LINING PRIORITIES							
USMH	DSMH	Diameter (in.)	Pipe Material	Televised Length (ft)	Service Grouts	T-Liners	Lining Priority
410100170	410100171	18	PVC	376	0		None
410100171	415100107	33	CP	252	0		Medium
410100172	410100171	33	CP	311	3		Medium
410100173	410100172	33	CP	330	1		Medium
410100174	410100173	33	CP	225	0		Medium
410100175	410100174	8	VCP	208	1		Medium
410100176	410100175	8	VCP	122	0	1	Medium
410100177	410100176	8	VCP	112	0		Low
410100178	410100177	8	PVC	91	0		None
410100158	410100178		PVC	79	0		None
410100179	410100174	33	PVC	101	2		Medium
410100182	410100180	8	VCP	191	2		Medium
410100192	410100179	33	CP	326	4		Medium
410100183	410100182	8	VCP	135	0		Medium
410100183	410100184	8	VCP	238	5		Medium
410100184	410100185	8	VCP	20	0		Medium
410100190	410100188		CP	13	0		Medium
410100191	410100190	8	VCP	420	1		Medium
410100185	410100188	8	PVC & VCP	461	5		High
410100186	410100185	8			0		None
410100187	410100188	8	PVC & VCP	252	2	1	High
415100105	415100108	42	CP	374	0		Medium
415100106	415100105	33	CP	210	0		Medium
415100107	415100106	33	CP	382	0		Medium
415100108	415100109	42	CP	335	0		Medium
415100109	415100111	42	CP	171	0		Medium
415100111	415100118	42	CP	64	0		Medium
415100112	415100111	8	VCP	297	4	1	High
415100113	415100112	8	VCP	303	2	1	Medium
415100114	415100113	8	VCP	349	2	1	Medium
415100115	415100114	8	VCP	307	2		Medium
415100116	415100115	8	VCP	393	3	2	High
415100117	415100116	8	VCP	403	4		Medium
415100118	415100119	42	CP	280	0		Medium
415100119	415100126	42	CP	353	0		Medium
415100120	415100119	8	VCP	56	0		Medium
415100123	415100119	8	VCP	353	1	3	High
415100124	415100123	8	VCP	295	0	2	Medium
415100125	415100124	8	VCP	315	0		High
415100126	415100130	42	CP	255	0		Medium
415100127	415100126	8	CIPP	378	0	1	None
415100129	415100128	8	CIPP	349	0	2	None
415100128	415100127	8	CIPP	375	0		None

WEST CHICAGO 2018 LINING PRIORITIES							
USMH	DSMH	Diameter (in.)	Pipe Material	Televised Length (ft)	Service Grouts	T-Liners	Lining Priority
415100130	415100131	42	CP	89	0		Medium
415100131	415100135	42	CP	128	0		Medium
415100132	415100131	8	Truss	408	0		Medium
415100133	415100132	8	Truss	404	1	1	None
415100134	415100133	8	Truss	394	0		High
415100137	410100165	8	VCP	219	1	1	Medium
415100138	415100137	8	VCP	237	3		Medium
415100139	410100139	8	VCP	320	4	1	High
415100140	415100139	8	VCP	136	3		High
415100141	410100138	8	VCP	220	0		Medium
415100142	415100141	8	VCP	161	0		Medium
415100143	410100133	8	VCP	211	0	1	High

APPENDIX D

SMOKE TESTING PHOTO LOG

rjngroup

Engineering infrastructure for tomorrow

11-3217-00: West Chicago, IL 2018 SSES - Fairmeadows & Hillside Central

Smoke Observation Summary

Building Interior

Address: 341 E Brown St

Basin:

Segment (US : DS): **410100149:410100151**

Intensity: **Low**

Drainage Area (SF): **1,000**

Surface: **Paved**

Comments:

Building Interior

Address: 357 E Brown St

Basin:

Segment (US : DS): **410100149:410100151**

Intensity: **Low**

Drainage Area (SF): **1,000**

Surface: **Unpaved**

Comments:

Building Interior

Address: 724 E Lester St

Basin:

Segment (US : DS): **410100129:410100130**

Intensity: **High**

Drainage Area (SF): **1**

Surface: **Paved**

Comments:

Building Interior

Address: 414 Elizabeth St

Basin:

Segment (US : DS): **410100148:410100149**

Intensity: **Low**

Drainage Area (SF): **1,000**

Surface: **Unpaved**

Comments:

11-3217-00: West Chicago, IL 2018 SSES - Fairmeadows & Hillside Central

Smoke Observation Summary

Cleanout, Defective

Basin:

Segment (US : DS): **410100138:410100139**

Intensity: **Low**

Drainage Area (SF): **100**

Surface: **Unpaved**

Comments:

Address: 514 E Forest Ave

Cleanout, Defective

Basin:

Segment (US : DS): **410100144:410100149**

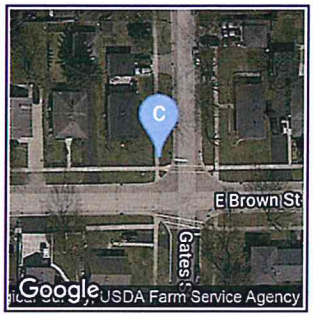
Intensity: **High**

Drainage Area (SF): **100**

Surface: **Unpaved**

Comments:

Address: 648 Gates St



Cleanout, Defective

Basin:

Segment (US : DS): **410100143:410100144**

Intensity: **High**

Drainage Area (SF): **100**

Surface: **Unpaved**

Comments:

Address: 713 Gates St

Cleanout, Defective

Basin:

Segment (US : DS): **410100140:410100139**

Intensity: **Low**

Drainage Area (SF): **100**

Surface: **Unpaved**

Comments:

Address: 828 Gates St

11-3217-00: West Chicago, IL 2018 SSES - Fairmeadows & Hillside Central

Smoke Observation Summary

Cleanout, Defective

Basin:
Segment (US : DS): **410100134:410100135**
Intensity: **Low**
Drainage Area (SF): **100**
Surface: **Unpaved**
Comments:

Address: 717 S Oak St

Cleanout, Defective

Basin:
Segment (US : DS): **409100077:410100179**
Intensity: **Low**
Drainage Area (SF): **1**
Surface: **Unpaved**
Comments:

Address: 118 W Hazel St

Cleanout, Defective

Basin:
Segment (US : DS): **409100079:409100077**
Intensity: **High**
Drainage Area (SF): **100**
Surface: **Unpaved**
Comments:

Address: 134 W Hazel St

Cleanout, Missing/Broken Cap

Basin:
Segment (US : DS): **415100122:415100121**
Intensity: **High**
Drainage Area (SF): **1**
Surface: **Paved**
Comments:

Address: 177 Augusta Ave

rjngroup
The Choice for Collection System Solutions

11-3217-00: West Chicago, IL 2018 SSES - Fairmeadows & Hillside Central

Smoke Observation Summary

Cleanout, Missing/Broken Cap

Basin:

Segment (US : DS): **415100123:415100119**

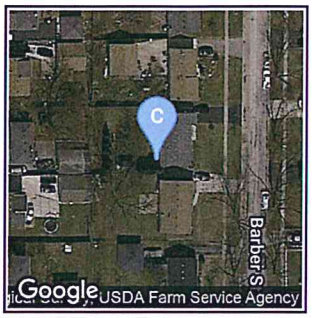
Intensity: **High**

Drainage Area (SF): **1**

Surface: **Unpaved**

Comments:

Address: 1040 Barber St



Cleanout, Missing/Broken Cap

Basin:

Segment (US : DS): **410100147:410100148**

Intensity: **High**

Drainage Area (SF): **1**

Surface: **Unpaved**

Comments:

Address: 727 Elizabeth St

Cleanout, Missing/Broken Cap

Basin:

Segment (US : DS): **410100140:410100139**

Intensity: **High**

Drainage Area (SF): **1**

Surface: **Unpaved**

Comments:

Address: 828 Gates St

Cleanout, Missing/Broken Cap

Basin:

Segment (US : DS): **410100136:410100137**

Intensity: **Low**

Drainage Area (SF): **1**

Surface: **Unpaved**

Comments:

Address: 808 S Oak St

11-3217-00: West Chicago, IL 2018 SSES - Fairmeadows & Hillside Central

Smoke Observation Summary

Lateral

Basin:

Segment (US : DS): **415100129:415100128**

Intensity: **Medium**

Drainage Area (SF): **100**

Surface: **Unpaved**

Comments: *Smoke coming from behind toy truvk*

Address: 1009 Barber St

Lateral

Basin:

Segment (US : DS): **415100124:415100123**

Intensity: **Low**

Drainage Area (SF): **100**

Surface: **Unpaved**

Comments:

Address: 1105 Barber St

Lateral

Basin:

Segment (US : DS): **410100154:410100159**

Intensity: **Low**

Drainage Area (SF): **100**

Surface: **Unpaved**

Comments:

Address: 721 Bishop St

Lateral

Basin:

Segment (US : DS): **410100191:410100190**

Intensity: **Low**

Drainage Area (SF): **100**

Surface: **Unpaved**

Comments:

Address: 240 E Brown St

11-3217-00: West Chicago, IL 2018 SSES - Fairmeadows & Hillside Central

Smoke Observation Summary

Lateral

Basin:

Segment (US : DS): **410100187:410100188**

Intensity: **Low**

Drainage Area (SF): **200**

Surface: **Unpaved**

Comments:

Address: 319 E Brown St

Lateral

Basin:

Segment (US : DS): **410100149:410100151**

Intensity: **Medium**

Drainage Area (SF): **100**

Surface: **Unpaved**

Comments:

Address: 349 E Brown St

Lateral

Basin:

Segment (US : DS): **410100146:410100145**

Intensity: **High**

Drainage Area (SF): **100**

Surface: **Unpaved**

Comments:

Address: 514 E Brown St

Lateral

Basin:

Segment (US : DS): **410100146:410100145**

Intensity: **Low**

Drainage Area (SF): **500**

Surface: **Unpaved**

Comments:

Address: 517 E Brown St

11-3217-00: West Chicago, IL 2018 SSES - Fairmeadows & Hillside Central

Smoke Observation Summary

Lateral

Basin:

Segment (US : DS): **410100146:410100145**

Intensity: **Low**

Drainage Area (SF): **100**

Surface: **Unpaved**

Comments: *Smoke coming out of b box*

Address: 525 E Brown St

Lateral

Basin:

Segment (US : DS): **410100133:410100138**

Intensity: **High**

Drainage Area (SF): **100**

Surface: **Unpaved**

Comments:

Address: 528 E Forest Ave

Lateral

Basin:

Segment (US : DS): **410100157:410100156**

Intensity: **Low**

Drainage Area (SF): **100**

Surface: **Unpaved**

Comments:

Address: 201 E Hazel St

Lateral

Basin:

Segment (US : DS): **410100167:410100166**

Intensity: **Low**

Drainage Area (SF): **100**

Surface: **Unpaved**

Comments:

Address: 820 Elizabeth St

11-3217-00: West Chicago, IL 2018 SSES - Fairmeadows & Hillside Central

Smoke Observation Summary

Lateral

Basin:

Segment (US : DS): **410100142:410100141**

Intensity: **Low**

Drainage Area (SF): **100**

Surface: **Unpaved**

Comments:

Address: 733 Gates St

Lateral

Basin:

Segment (US : DS): **410100130:410100131**

Intensity: **High**

Drainage Area (SF): **100**

Surface: **Unpaved**

Comments:

Address: 808 S Neltnor Blvd

Lateral

Basin:

Segment (US : DS): **410100136:410100137**

Intensity: **High**

Drainage Area (SF): **100**

Surface: **Unpaved**

Comments:

Address: 815 S Oak St

Manhole Downstream

Basin:

Segment (US : DS): **410100178:410100177**

Intensity: **Low**

Drainage Area (SF): **100**

Surface: **Unpaved**

Comments:

Address: 145 E Hazel St

11-3217-00: West Chicago, IL 2018 SSES - Fairmeadows & Hillside Central

Smoke Observation Summary

Manhole Upstream

Basin:

Segment (US : DS): **415100113:415100112**

Intensity: **Low**

Drainage Area (SF): **100**

Surface: **Unpaved**

Comments:

Address: 1016 Allen Ave

Manhole Upstream

Basin:

Segment (US : DS): **415100112:415100111**

Intensity: **Low**

Drainage Area (SF): **100**

Surface: **Unpaved**

Comments:

Address: 1036 Allen Ave

Manhole Upstream

Basin:

Segment (US : DS): **415100123:415100119**

Intensity: **Low**

Drainage Area (SF): **100**

Surface: **Unpaved**

Comments:

Address: 1020 Barber St

Manhole Upstream

Basin:

Segment (US : DS): **415100123:415100119**

Intensity: **High**

Drainage Area (SF): **200**

Surface: **Unpaved**

Comments:

Address: 1040 Barber St

11-3217-00: West Chicago, IL 2018 SSES - Fairmeadows & Hillside Central

Smoke Observation Summary

Manhole Upstream

Address: 1024 Bishop St

Basin:

Segment (US : DS): **415100133:415100132**

Intensity: **Medium**

Drainage Area (SF): **100**

Surface: **Unpaved**

Comments: *Covered by fence*

Manhole Upstream

Address: 1024 Blakely St

Basin:

Segment (US : DS): **415100128:415100127**

Intensity: **Low**

Drainage Area (SF): **100**

Surface: **Unpaved**

Comments:

Manhole Upstream

Address: 246 Glen Ave

Basin:

Segment (US : DS): **415100134:415100133**

Intensity: **High**

Drainage Area (SF): **100**

Surface: **Unpaved**

Comments:

Manhole Upstream

Address: 234 Glen St

Basin:

Segment (US : DS): **415100129:415100128**

Intensity: **High**

Drainage Area (SF): **100**

Surface: **Unpaved**

Comments:

11-3217-00: West Chicago, IL 2018 SSES - Fairmeadows & Hillside Central

Smoke Observation Summary

Non-Smoking Vent Stack

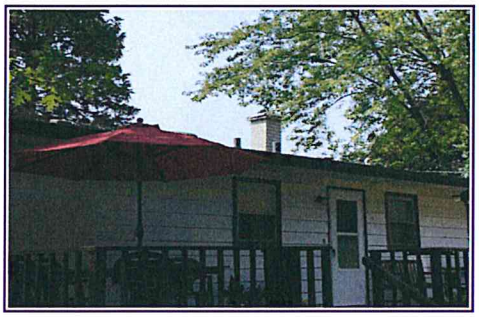
Basin:
Segment (US : DS): **415100114:415100113**
Intensity: **Low**
Drainage Area (SF): **1,000**
Surface: **Unpaved**
Comments:

Address: 1004 Allen Ave

Non-Smoking Vent Stack

Basin:
Segment (US : DS): **410100151:410100154**
Intensity: **Low**
Drainage Area (SF): **1,000**
Surface: **Unpaved**
Comments:

Address: 313 Bishop St



Non-Smoking Vent Stack

Basin:
Segment (US : DS): **410100151:410100154**
Intensity: **Low**
Drainage Area (SF): **1**
Surface: **Unpaved**
Comments:

Address: 320 Bishop St

Non-Smoking Vent Stack

Basin:
Segment (US : DS): **410100170:410100171**
Intensity: **Low**
Drainage Area (SF): **1**
Surface: **Unpaved**
Comments:

Address: 115 E Forest Ave

11-3217-00: West Chicago, IL 2018 SSES - Fairmeadows & Hillside Central

Smoke Observation Summary

Non-Smoking Vent Stack

Basin:

Segment (US : DS): **410100139:410100165**

Intensity: **Low**

Drainage Area (SF): **1**

Surface: **Paved**

Comments:

Address: 432 E Forest Ave

Non-Smoking Vent Stack

Basin:

Segment (US : DS): **410100139:410100165**

Intensity: **Low**

Drainage Area (SF): **2,000**

Surface: **Unpaved**

Comments:

Address: 435 E Forest Ave

Non-Smoking Vent Stack

Basin:

Segment (US : DS): **410100147:410100167**

Intensity: **Low**

Drainage Area (SF): **1**

Surface: **Paved**

Comments:

Address: 732 Elizabeth St

Non-Smoking Vent Stack

Basin:

Segment (US : DS): **410100147:410100167**

Intensity: **Low**

Drainage Area (SF): **1,000**

Surface: **Unpaved**

Comments:

Address: 735 Elizabeth St

11-3217-00: West Chicago, IL 2018 SSES - Fairmeadows & Hillside Central

Smoke Observation Summary

Non-Smoking Vent Stack

Basin:

Segment (US : DS): **410100147:410100167**

Intensity: **Low**

Drainage Area (SF): **1**

Surface: **Unpaved**

Comments:

Address: 740 Elizabeth St

Non-Smoking Vent Stack

Basin:

Segment (US : DS): **410100167:410100166**

Intensity: **Low**

Drainage Area (SF): **2,000**

Surface: **Unpaved**

Comments: *Doesn't have vent stack*

Address: 823 Elizabeth St

Non-Smoking Vent Stack

Basin:

Segment (US : DS): **410100167:410100166**

Intensity: **Low**

Drainage Area (SF): **1**

Surface: **Unpaved**

Comments:

Address: 828 Elizabeth St

Non-Smoking Vent Stack

Basin:

Segment (US : DS): **415100138:415100137**

Intensity: **Low**

Drainage Area (SF): **2,000**

Surface: **Unpaved**

Comments:

Address: 900 Elizabeth St

11-3217-00: West Chicago, IL 2018 SSES - Fairmeadows & Hillside Central

Smoke Observation Summary

Non-Smoking Vent Stack

Basin:

Segment (US : DS): **415100137:410100165**

Intensity: **Low**

Drainage Area (SF): **2,000**

Surface: **Unpaved**

Comments:

Address: 904 Elizabeth St

Non-Smoking Vent Stack

Basin:

Segment (US : DS): **410100143:410100144**

Intensity: **Low**

Drainage Area (SF): **1**

Surface: **Paved**

Comments:

Address: 704 Gates St

Non-Smoking Vent Stack

Basin:

Segment (US : DS): **415100117:415100116**

Intensity: **Low**

Drainage Area (SF): **1**

Surface: **Paved**

Comments:

Address: 245 Glen Ave

Non-Smoking Vent Stack

Basin:

Segment (US : DS): **410100174:410100173**

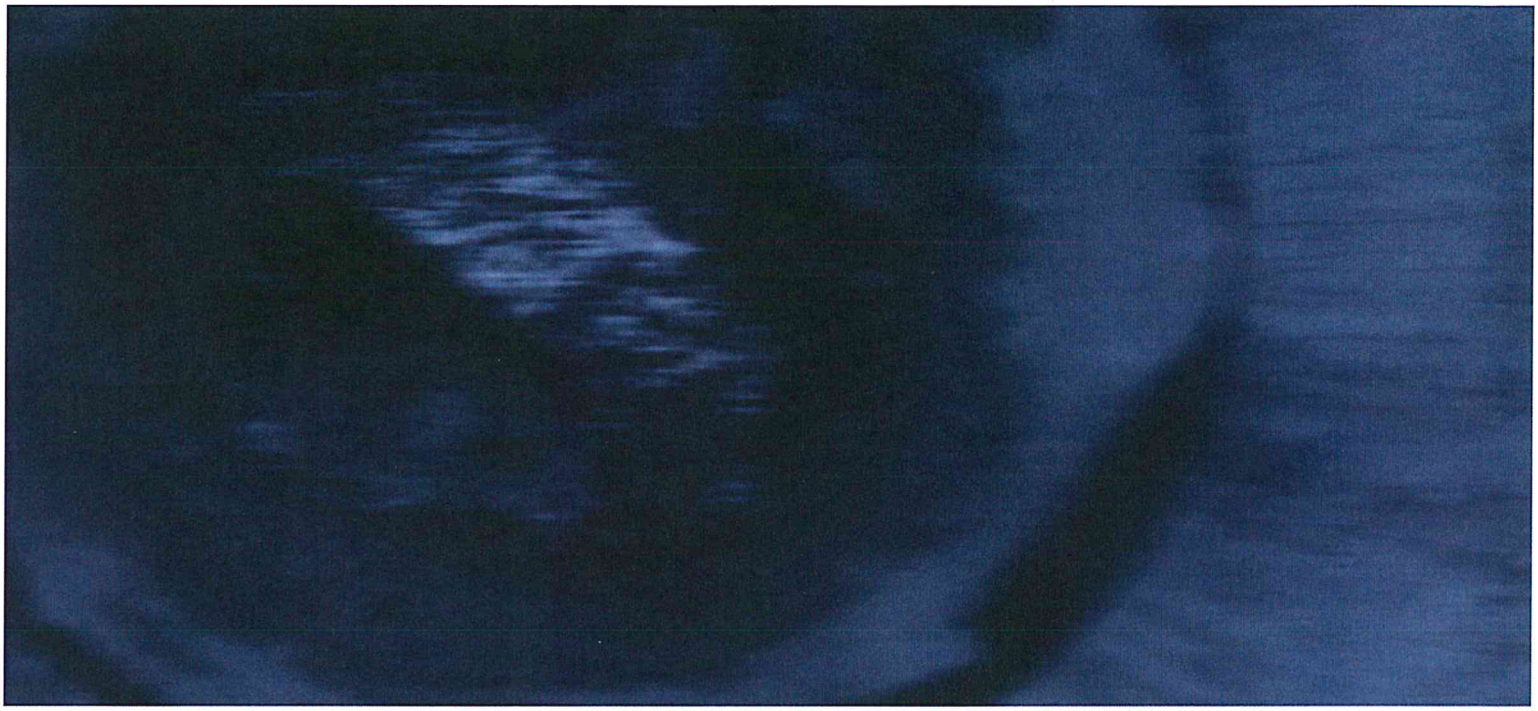
Intensity: **Low**

Drainage Area (SF): **2,000**

Surface: **Unpaved**

Comments:

Address: 747 Joliet St



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CITY OF WEST CHICAGO

INFRASTRUCTURE COMMITTEE
AGENDA ITEM SUMMARY

ITEM TITLE:

Resolution No. 19-R-0023 - IDOT Local Agency Agreement for Federal Participation for Construction Cost for the Forest Avenue Resurfacing Project

Resolution No. 19-R-0024 – IDOT Resolution for Improvement Under the Illinois Highway Code for Use of Motor Fuel Tax Funds as City's Local Share of Construction Costs for the Forest Avenue Resurfacing Project

AGENDA ITEM NUMBER: 4.A.

FILE NUMBER: _____

COMMITTEE AGENDA DATE: May 2, 2019
COUNCIL AGENDA DATE: May 6, 2019

STAFF REVIEW: Robert E. Flatter, P.E., Director of Public Works **SIGNATURE**

APPROVED BY CITY ADMINISTRATOR: Michael L. Guttman **SIGNATURE**_____

ITEM SUMMARY:

The Forest Avenue Resurfacing Project mainly consists of roadway resurfacing with sidewalk curb ramp upgrades, minor infill of sidewalk gap, intermittent curb and gutter replacement, new street lighting, and pavement markings, of Forest Avenue between Joliet Street and Illinois Route 59 (Neltnor Boulevard). See attached map for additional clarification. With final design plans and specifications completed, IDOT's letting occurred on Friday, April 26, 2019. The engineer's estimate of construction cost for said project is $620,198.19. The apparent low bidder (to be confirmed by IDOT through its vetting process) is J.A. Johnson Paving Company of Arlington Heights, Illinois, who submitted a bid of $581,926.97. Pending contract award by IDOT, construction is anticipated to commence in July 2019.

Fifty percent (50%) of construction costs (not to exceed $282,385.00 per the attached Local Agency Agreement) are to be funded through the Surface Transportation Program (STP) grant, which is Federal funding administered by the Illinois Department of Transportation (IDOT). Therefore, IDOT forms and contracts must be utilized and IDOT procedures must be strictly observed and followed. Given such, the City of West Chicago must execute a Local Public Agency Agreement for Federal Participation (BLR 05310) with the IDOT (see attached). Said Agreement must be executed and returned to IDOT prior to the project's bid award and commencement of construction. Please note that the Local Agency Agreement as written is based on an engineer's cost estimate of $564,770.00, which was generated as part of the funding application process, which was submitted prior to completion of actual design services.

Given the bids received, IDOT's participation share of the project is anticipated to be $282,385.00 and the balance of $299,541.97 will be City's responsibility. The City's share of the project's construction costs will be funded with Motor Fuel Tax funds (01-09-26-4807) in which $727,000.00 has been budgeted for street improvements in FY2019.

Use of Motor Fuel Tax funds as the City's local share of construction costs requires an IDOT Resolution for Improvement Under the Illinois Highway Code (BLR 09110) to be executed by the City Clerk and submitted to IDOT (see attached).

CITY OF WEST CHICAGO

Staff recommends execution of the attached Local Public Agency Agreement for Federal Participation (BLR 05310) and the Resolution for Improvement Under the Illinois Highway Code (BLR 09110).

ACTIONS PROPOSED:

Approve Resolution No. 19-R-0023 authorizing the Mayor to execute a Local Public Agency Agreement for Federal Participation (BLR 05310) between the Illinois Department of Transportation and the City of West Chicago for STP grant funding for construction costs related to the Forest Avenue Resurfacing Project; and approve Resolution No. 19-R-0024 authorizing the City Clerk to execute an Illinois Department of Transportation Resolution for Improvement Under the Illinois Highway Code (BLR 09110) for use of Motor Fuel Tax funds for the City's local share of the project's construction costs.

COMMITTEE RECOMMENDATION:

RESOLUTION NO. 19-R-0023

A RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE A LOCAL AGENCY AGREEMENT FOR FEDERAL PARTICIPATION BETWEEN THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND THE CITY OF WEST CHICAGO FOR STP GRANT FUNDING FOR CONSTRUCTION COSTS RELATED TO THE FOREST AVENUE RESURFACING PROJECT

WHEREAS, the City of West Chicago is attempting to improve a segment of Forest Avenue from Joliet Street to Illinois Route 59 that is approximately 0.66 miles in length; and,

WHEREAS, the cost of said improvement has necessitated the use of federal funds; and,

WHEREAS, the federal fund source requires a match of local funds.

NOW THEREFORE, BE IT RESOLVED by the City Council of the City of West Chicago, in regular session assembled, that the City of West Chicago authorized two hundred eighty-two thousand three hundred eighty-five dollars and zero cents ($282,385.00), or as much money as may be needed, to match federal funds in the completion of MFT Section Number 18-00081-00-RS.

BE IT FURTHER RESOLVED by the City Council of the City of West Chicago, in regular session assembled, that the Mayor is hereby authorized to execute a Local Agency Agreement for Federal Participation between the Illinois Department of Transportation and the City of West Chicago for STP grant funding for construction costs related to the Forest Avenue Resurfacing Project, in substantially the form attached hereto and incorporated herein as Exhibit "A"; and,

BE IT FURTHERE RESOLVED by the City Council of the City of West Chicago, in regular session assembled, that the Clerk is hereby directed to transmit five certified copies of this Resolution to the Illinois Department of Transportation.

APPROVED this 6th day of May, 2019.

AYES: _____

NAYS: _____

ABSTAIN: _____

ABSENT: _____

_____
Mayor

ATTEST:

_____
City Clerk

Illinois Department of Transportation	Local Public Agency	State Contract	Day Labor	Local Contract	RR Force Account
	City of West Chicago	X			
Local Public Agency Agreement for Federal Participation	Section	Fund Type		ITEP, SRTS, or HSIP Number(s)	
	18-00081-00-RS	STU			

Construction		Engineering		Right-of-Way	
Job Number	Project Number	Job Number	Project Number	Job Number	Project Number
C-91-218-18	XZ9U(998)				

This Agreement is made and entered into between the above local public agency, hereinafter referred to as the "**LPA**", and the State of Illinois, acting by and through its Department of Transportation, hereinafter referred to as "**STATE**". The **STATE** and **LPA** jointly propose to improve the designated location as described below. The improvement shall be constructed in accordance with plans prepared by, or on behalf of the **LPA**, approved by the **STATE** and the **STATE**'s policies and procedures approved and/or required by the Federal Highway Administration, hereinafter referred to as "**FHWA**".

Location

Local Name Forest Avenue Route MS 5041 Length 0.66 mi

Termini Joliet Street to IL Route 59

Current Jurisdiction LPA TIP Number 08-18-0018 Existing Structure No N/A

Project Description

Roadway resurfacing, Class D patching, intermittent sidewalk and combination curb and gutter, and street lighting improvement.

Division of Cost

Type of Work	STU	%	STATE	%	LPA	%	Total
Participating Construction	282,385	(*)		( )	282,385	(BAL)	564,770
Non-Participating Construction		( )		( )		( )	
Preliminary Engineering		( )		( )		( )	
Construction Engineering		( )		( )		( )	
Right of Way		( )		( )		( )	
Railroads		( )		( )		( )	
Utilities		( )		( )		( )	
Materials							
TOTAL	$ 282,385		$		$ 282,385		$ 564,770

*Maximum FHWA (STU) Participation 50% NTE $282,385

NOTE: The costs shown in the Division of Cost table are approximate and subject to change. The final **LPA** share is dependent on the final Federal and State participation. The actual costs will be used in the final division of cost for billing and reimbursment.

If funding is not a percentage of the total, place an asterisk in the space provided for the percentage and explain above.

Local Public Agency Appropriation

By execution of this Agreement, the **LPA** attests that sufficient moneys have been appropriated or reserved by resolution or ordinance to fund the **LPA** share of project costs. A copy of the authorizing resolution or ordinance is attached as an addendum (**required for State-let contracts only**)

Method of Financing (State Contract Work Only)

METHOD A---Lump Sum (80% of **LPA** Obligation) _____

METHOD B--- _____ Monthly Payments of _____ due by the _____ of each successive month.

METHOD C---**LPA**'s Share Balance divided by estimated total cost multiplied by actual progress payment.

(See page two for details of the above methods and the financing of Day Labor and Local Contracts)

Agreement Provisions

THE LPA AGREES:

(1) To acquire in its name, or in the name of the **STATE** if on the **STATE** highway system, all right-of-way necessary for this project in accordance with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, and established State policies and procedures. Prior to advertising for bids, the **LPA** shall certify to the **STATE** that all requirements of Titles II and III of said Uniform Act have been satisfied. The disposition of encroachments, if any, will be cooperatively determined by representatives of the **LPA**, and the **STATE** and the **FHWA**, if required.

(2) To provide for all utility adjustments, and to regulate the use of the right-of-way of this improvement by utilities, public and private, in accordance with the current Utility Accommodation Policy for Local Agency Highway and Street Systems.

(3) To provide for surveys and the preparation of plans for the proposed improvement and engineering supervision during construction of the proposed improvement.

(4) To retain jurisdiction of the completed improvement unless specified otherwise by addendum (addendum should be accompanied by a location map). If the improvement location is currently under road district jurisdiction, an addendum is required.

(5) To maintain or cause to be maintained, in a manner satisfactory to the **STATE** and the **FHWA**, the completed improvement, or that portion of the completed improvement within its jurisdiction as established by addendum referred to in item 4 above.

(6) To comply with all applicable Executive Orders and Federal Highway Acts pursuant to the Equal Employment Opportunity and Nondiscrimination Regulations required by the U.S. Department of Transportation.

(7) To maintain, for a minimum of 3 years after final project close-out by the **STATE**, adequate books, records and supporting documents to verify the amounts, recipients and uses of all disbursements of funds passing in conjunction with the contract; the contract and all books, records and supporting documents related to the contract shall be available for review and audit by the Auditor General and the department; and the **LPA** agrees to cooperate fully with any audit conducted by the Auditor General and the **STATE**; and to provide full access to all relevant materials. Failure to maintain the books, records and supporting documents required by this section shall establish a presumption in favor of the **STATE** for the recovery of any funds paid by the **STATE** under the contract for which adequate books, records and supporting documentation are not available to support their purported disbursement.

(8) To provide if required, for the improvement of any railroad-highway grade crossing and rail crossing protection within the limits of the proposed improvement.

(9) To comply with Federal requirements or possibly lose (partial or total) Federal participation as determined by the **FHWA**.

(10) (State Contracts Only) That the method of payment designated on page one will be as follows:

Method A - Lump Sum Payment. Upon award of the contract for this improvement, the **LPA** will pay to the **STATE** within thirty (30) calendar days of billing, in lump sum, an amount equal to 80% of the **LPA**'s estimated obligation incurred under this Agreement. The **LPA** will pay to the **STATE** the remainder of the **LPA**'s obligation (including any nonparticipating costs) within thirty (30) calendar days of billing in a lump sum, upon completion of the project based on final costs.

Method B - Monthly Payments. Upon award of the contract for this improvement, the **LPA** will pay to the **STATE**, a specified amount each month for an estimated period of months, or until 80% of the **LPA**'s estimated obligation under the provisions of the Agreement has been paid, and will pay to the **STATE** the remainder of the **LPA**'s obligation (including any nonparticipating costs) in a lump sum, upon completion of the project based upon final costs.

Method C - Progress Payments. Upon receipt of the contractor's first and subsequent progressive bills for this improvement, the **LPA** will pay to the **STATE** within thirty (30) calendar days of receipt, an amount equal to the **LPA**'s share of the construction cost divided by the estimated total cost, multiplied by the actual payment (appropriately adjusted for nonparticipating costs) made to the contractor until the entire obligation incurred under this Agreement has been paid.

Failure to remit the payment(s) in a timely manner as required under Methods A, B, or C, shall allow the **STATE** to internally offset, reduce, or deduct the arrearage from any payment or reimbursement due or about to become due and payable from the **STATE** to **LPA** on this or any other contract. The **STATE**, at its sole option, upon notice to the **LPA**, may place the debt into the Illinois Comptroller's Offset System (15 ILCS 405/10.05) or take such other and further action as my be required to recover the debt.

(11) (Local Contracts or Day Labor) To provide or cause to be provided all of the initial funding, equipment, labor, material and services necessary to construct the complete project.

(12) (Preliminary Engineering) In the event that right-of-way acquisition for, or actual construction of, the project for which this preliminary engineering is undertaken with Federal participation is not started by the close of the tenth fiscal year following the fiscal year in which the project is federally authorized, the **LPA** will repay the **STATE** any Federal funds received under the terms of this Agreement.

(13) (Right-of-Way Acquisition) In the event that the actual construction of the project on this right-of-way is not undertaken by the close of the twentieth fiscal year following the fiscal year in which the project is federally authorized, the **LPA** will repay the **STATE** any Federal Funds received under the terms of this Agreement.

(14) (Railroad Related Work Only) The estimates and general layout plans for at-grade crossing improvements should be forwarded to the Rail Safety and Project Engineer, Room 204, Illinois Department of Transportation, 2300 South Dirksen Parkway, Springfield, Illinois, 62764. Approval of the estimates and general layout plans should be obtained prior to the commencement of railroad related work. All railroad related work is also subject to approval be the Illinois Commerce Commission (ICC). Final inspection for railroad related work should be coordinated through appropriate IDOT District Bureau of Local Roads and Streets office.

Plans and preemption times for signal related work that will be interconnected with traffic signals shall be submitted to the ICC for review and approval prior to the commencement of work. Signal related work involving interconnects with state maintained traffic signals should also be coordinated with the IDOT's District Bureau of Operations.

The **LPA** is responsible for the payment of the railroad related expenses in accordance with the **LPA**/railroad agreement prior to requesting reimbursement from IDOT. Requests for reimbursement should be sent to the appropriate IDOT District Bureau of Local Roads and Streets office.

Engineer's Payment Estimates shall be in accordance with the Division of Cost on page one.

(15) And certifies to the best of its knowledge and belief its officials:

(a) are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency;

(b) have not within a three-year period preceding this Agreement been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements receiving stolen property;

(c) are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, local) with commission of any of the offenses enumerated in item (b) of this certification; and

(d) have not within a three-year period preceding the Agreement had one or more public transactions (Federal, State, local) terminated for cause or default.

(16) To include the certifications, listed in item 15 above, and all other certifications required by State statutes, in every contract, including procurement of materials and leases of equipment.

(17) (State Contracts) That execution of this agreement constitutes the **LPA**'s concurrence in the award of the construction contract to the responsible low bidder as determined by the **STATE**.

(18) That for agreements exceeding $100,000 in federal funds, execution of this Agreement constitutes the **LPA**'s certification that:

(a) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress or any employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any cooperative agreement, and the extension, continuation, renewal, amendment or modification of any Federal contract, grant, loan or cooperative agreement;

(b) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress or an employee of a Member of Congress, in connection with this Federal contract, grant, loan or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying", in accordance with its instructions;

(c) The **LPA** shall require that the language of this certification be included in the award documents for all subawards at all ties (including subcontracts, subgrants and contracts under grants, loans and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

(19) To regulate parking and traffic in accordance with the approved project report.

(20) To regulate encroachments on public right-of-way in accordance with current Illinois Compiled Statutes.

(21) To regulate the discharge of sanitary sewage into any storm water drainage system constructed with this improvement in accordance with current Illinois Compiled Statutes.

(22) To complete this phase of the project within three (3) years from the date this agreement is approved by the **STATE** if this portion of the project described in the Project Description does not exceed $1,000,000 (five years if the project costs exceed $1,000,000).

(23) To comply with the federal Financial Integrity Review and Evaluation (FIRE) program, which requires States and subrecipients to justify continued federal funding on inactive projects. 23 CFR 630.106(a)(5) defines an inactive project as a project which no expenditures have been charged against Federal funds for the past twelve (12) months.

To keep projects active, invoicing must occur a minimum of one time within any given twelve (12) month period. However, to ensure adequate processing time, the first invoice shall be submitted to the **STATE** within six (6) months of the federal authorization date. Subsequent invoices will be submitted in intervals not to exceed six (6) months.

(24) The **LPA** will submit supporting documentation with each request for reimbursement from the **STATE**. Supporting documentation is defined as verification of payment, certified time sheets or summaries, vendor invoices, vendor receipts, cost plus fix fee invoice, progress report, and personnel and direct cost summaries.and other documentation supporting the requested reimbursement

amount (Form BLRS 05621 should be used for consultant invoicing purposes). **LPA** invoice requests to the **STATE** will be submitted with sequential invoice numbers by project.

The **LPA** will submit to the **STATE** a complete and detailed final invoice with applicable supporting documentation of all incurred costs, less previous payments, no later than twelve (12) months from the date of completion of this phase of the improvement or from the date of the previous invoice, which ever occurs first. If a final invoice is not received within this time frame, the most recent invoice may be considered the final invoice and the obligation of the funds closed.

(25) The **LPA** shall provide the final report to the appropriate **STATE** district within twelve months of the physical completion date of the project so that the report may be audited and approved for payment. If the deadline cannot be met, a written explanation must be provided to the district prior to the end of the twelve months documenting the reason and the new anticipated date of completion. If the extended deadline is not met, this process must be repeated until the project is closed. Failure to follow this process may result in the immediate close-out of the project and loss of further funding.

(26) (Single Audit Requirements) That if the **LPA** expends $750,000 or more a year in federal financial assistance they shall have an audit made in accordance with 2 CFR 200. **LPA**s expending less than $750,000 a year shall be exempt from compliance. A copy of the audit report must be submitted to the **STATE** (Office of Finance and Administration, Audit Coordination Section, 2300 South Dirksen Parkway, Springfield, Illinois, 62764), within 30 days after the completion of the audit, but no later than one year after the end of the **LPA**'s fiscal year. The CFDA number for all highway planning and construction activities is 20.205.

Federal funds utilized for constructon activities on projects let and awarded by the **STATE** (denoted by an "X" in the State Contract field at the top of page 1) are not included in a **LPA**'s calculation of federal funds expended by the **LPA** for Single Audit purposes.

(27) That the **LPA** is required to register with the System for Award Management or SAM (formerly Central Contractor Registration (CCR)), which is a web-enabled government-wide application that collects, validates, stores, and disseminates business information about the federal government's trading partners in support of the contract award and the electronic payment processes. To register or renew, please use the following website: https://www.sam.gov/portal/public/SAM/#1.

The **LPA** is also required to obtain a Dun & Bradstreet (D&B) D-U-N-S Number. This is a unique nine digit number required to identify subrecipients of federal funding. A D-U-N-S number can be obtained at the following website: http://fedgov.dnb.com/webform.

THE STATE AGREES:

(1) To provide such guidance, assistance and supervision and to monitor and perform audits to the extent necessary to assure validity of the **LPA**'s certification of compliance with Titles II and III requirements.

(2) (State Contracts) To receive bids for the construction of the proposed improvement when the plans have been approved by the **STATE** (and **FHWA**, if required) and to award a contract for construction of the proposed improvement, after receipt of a satisfactory bid.

(3) (Day Labor) To authorize the **LPA** to proceed with the construction of the improvement when Agreed Unit Prices are approved, and to reimburse the **LPA** for that portion of the cost payable from Federal and/or State funds based on the Agreed Unit Prices and Engineer's Payment Estimates in accordance with the Division of Cost on page one.

(4) (Local Contracts) For agreements with Federal and/or State funds in engineering, right-of-way, utility work and/or construction work:

(a) To reimburse the **LPA** for the Federal and/or State share on the basis of periodic billings, provided said billings contain sufficient cost information and show evidence of payment by the **LPA**;

(b) To provide independent assurance sampling, to furnish off-site material inspection and testing at sources normally visited by **STATE** inspectors of steel, cement, aggregate, structural steel and other materials customarily tested by the **STATE**.

IT IS MUTUALLY AGREED:

(1) Construction of the project will utilize domestic steel as required by Section 106.01 of the current edition of the Standard Specifications for Road and Bridge Construction and federal Buy America provisions.

(2) That this Agreement and the covenants contained herein shall become null and void in the event that the **FHWA** does not approve the proposed improvement for Federal-aid participation within one (1) year of the date of execution of this Agreement.

(3) This Agreement shall be binding upon the parties, their successors and assigns.

(4) For contracts awarded by the **LPA**, the **LPA** shall not discriminate on the basis of race, color, national origin or sex in the award and performance of any USDOT – assisted contract or in the administration of its DBE program or the requirements of 49 CFR part 26. The **LPA** shall take all necessary and reasonable steps under 49 CFR part 26 to ensure nondiscrimination in the award and administration of USDOT – assisted contracts. The **LPA**'s DBE program, as required by 49 CFR part 26 and as approved by USDOT, is incorporated by reference in this Agreement. Upon notification to the recipient of its failure to carry out its approved program, the **STATE** may impose sanctions as provided for under part 26 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001 and/or the Program Fraud Civil Remedies Act of 1986 (31U.S.C. 3801 et seq.). In the absence of a USDOT – approved **LPA** DBE Program or on State awarded contracts, this Agreement shall be administered under the provisions of the **STATE**'s USDOT approved Disadvantaged Business Enterprise Program.

(5) In cases where the **STATE** is reimbursing the **LPA**, obligations of the **STATE** shall cease immediately without penalty or further payment being required if, in any fiscal year, the Illinois General Assembly or applicable Federal Funding source fails to appropriate or otherwise make available funds for the work contemplated herein.

(6) All projects for the construction of fixed works which are financed in whole or in part with funds provided by this Agreement and/or amendment shall be subject to the Prevailing Wage Act (820 ILCS 130/0.01 et seq.) unless the provisions of that Act exempt its application.

ADDENDA

Additional information and/or stipulations are hereby attached and identified below as being a part of this Agreement.

Number 1- Location Map, *Number 2 – LPA Appropriation Resolution* Number 3 - GATA

(Insert Addendum numbers and titles as applicable)

The **LPA** further agrees, as a condition of payment, that it accepts and will comply with the applicable provisions set forth in this Agreement and all Addenda indicated above.

APPROVED

Local Public Agency

Name of Official (Print or Type Name)

Title (County Board Chairperson/Mayor/Village President/etc.)

(Signature) Date

The above signature certifies the agency's TIN number is 36-6006144 conducting business as a Governmental Entity.

DUNS Number 113554448

APPROVED

State of Illinois
Department of Transportation

Randall S. Blankenhorn, Secretary of Transportation Date

By:

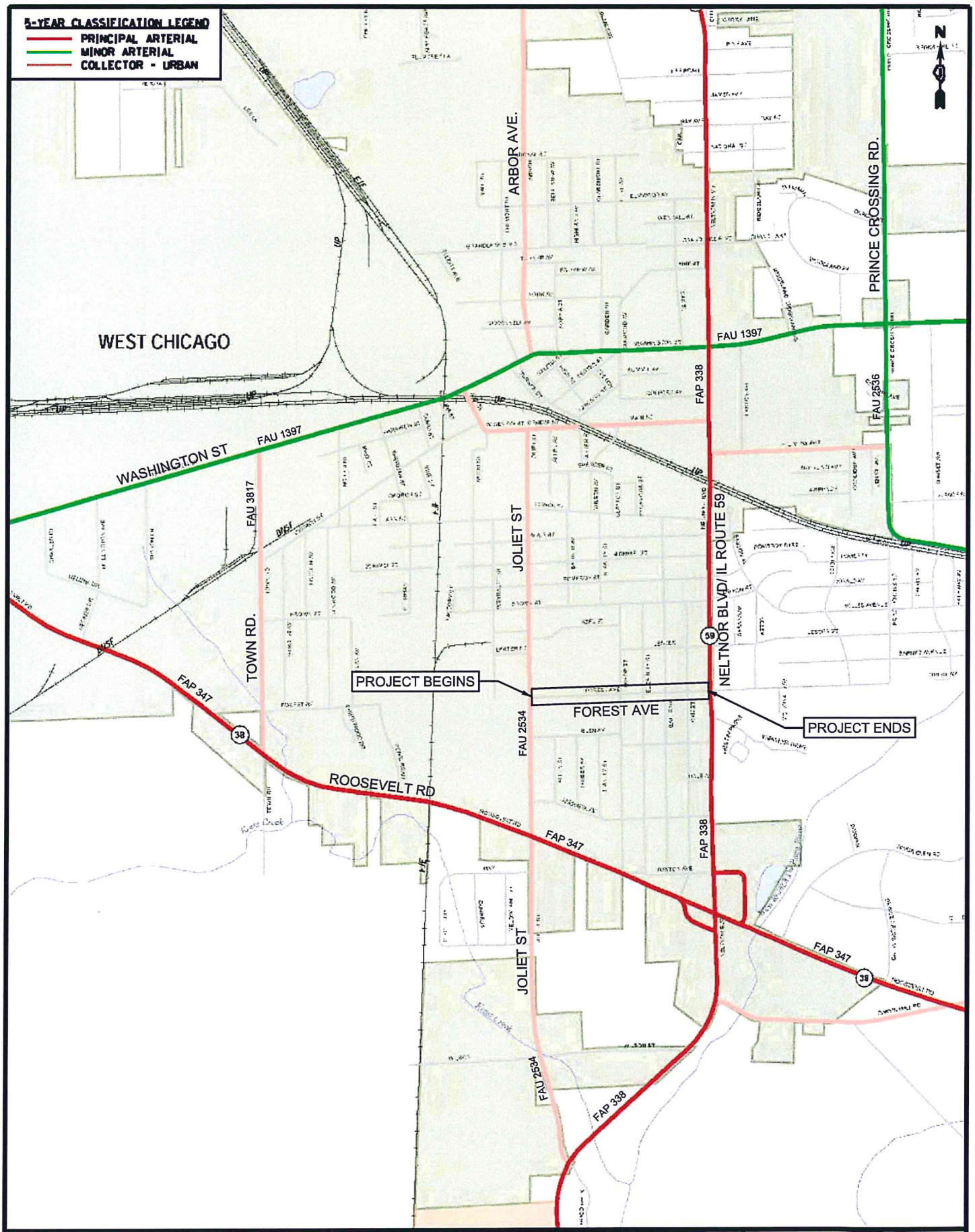
Erin Aleman, Director of Planning & Programming Date

Erin Aleman, Director of Planning & Programming Date

Philip C. Kaufmann, Chief Counsel Date

Jeff Heck, Chief Fiscal Officer (CFO) Date

NOTE: If the LPA signature is by an APPOINTED official, a resolution authorizing said appointed official to execute this agreement is required.



DRAWN BY DJN CHECKED BY KCV	SCALE NTS DATE 06/16/16	CITY OF WEST CHICAGO 475 MAIN STREET WEST CHICAGO, IL 60185 PHONE: 630-293-2255 FAX: 630-293-2971	thomas engineering group service of the highest grade	thomas engineering group, llc 238 south kenilworth avenue suite 100 oak park, il 60302 phone: 855-533-1700	FOREST AVENUE JOLIET STREET TO IL ROUTE 59	LOCATION MAP	DRAWING NO. 1 OF 1

Addendum No. 3

Grant Accountability and Transparency Act (GATA)

Required Uniform Reporting

The Grant Accountability and Transparency Act (30 ILCS 708), requires a uniform reporting of expenditures. Uniform reports of expenditures shall be reported no less than quarterly using IDOT's BoBS 2832 form available on IDOT's web page under the "Resources" tab.

Additional reporting frequency may be required based upon specific conditions, as listed in the accepted Notice of State Award (NOSA). Specific conditions are based upon the award recipient/grantee's responses to the Fiscal and Administrative Risk Assessment (ICQ) and the Programmatic Risk Assessment (PRA).

PLEASE NOTE: Under the terms of the Grant Funds Recovery Act (30 ILCS 705/4.1), "*Grantor agencies may withhold or suspend the distribution of grant funds for failure to file requirement reports"* if the report is more than 30 calendar days delinquent, without any approved written explanation by the grantee, the entity will be placed on the Illinois Stop Payment List. (Refer to the Grantee Compliance Enforcement System for detail about the Illinois Stop Payment List: https://www.illinois.gov/sites/GATA/Pages/ResourceLibrary.aspx)

RESOLUTION NO. 19-R-0024

A RESOLUTION AUTHORIZING THE CITY CLERK TO EXECUTE AN ILLINOIS DEPARTMENT OF TRANSPORTATION RESOLUTION FOR IMPROVEMENT UNDER THE ILLINOIS HIGHWAY CODE (BLR 09110) FOR USE OF MOTOR FUEL TAX FUNDS FOR THE CITY'S LOCAL SHARE OF CONSTRUCTION COSTS RELATED TO THE FOREST AVENUE RESURFACING PROJECT

WHEREAS, the City of West Chicago is attempting to improve a segment of Forest Avenue from Joliet Street to Illinois Route 59 that is approximately 0.66 miles in length; and,

WHEREAS, the cost of said improvement has necessitated the use of federal funds; and,

WHEREAS, the federal fund source requires a match of local funds; and,

WHEREAS, the City desires to use Motor Fuel Tax funds as its match of local funds.

NOW THEREFORE, BE IT RESOLVED by the City Council of the City of West Chicago, in regular session assembled, that the City of West Chicago authorized the use of Motor Fuel Tax funds in the amount of two hundred ninety-nine thousand five hundred forty-one dollars and ninety-seven cents ($299,541.97), or as much money as may be needed, to match federal funds in the completion of MFT Section Number 18-00081-00-RS.

BE IT FURTHER RESOLVED by the City Council of the City of West Chicago, in regular session assembled, that the City Clerk is hereby authorized to

execute an Illinois Department of Transportation Resolution for Improvement Under the Illinois Highway for construction costs related to the Forest Avenue Resurfacing Project, in substantially the form attached hereto and incorporated herein as Exhibit "A"; and,

BE IT FURTHERE RESOLVED by the City Council of the City of West Chicago, in regular session assembled, that the Clerk is hereby directed to transmit five certified copies of said Resolution to the Illinois Department of Transportation.

APPROVED this 6th day of May, 2019.

AYES: _____

NAYS: _____

ABSTAIN: _____

ABSENT: _____

_____
Mayor

ATTEST:

_____
City Clerk

Illinois Department of Transportation

Resolution for Improvement Under the Illinois Highway Code

Resolution Number	Resolution Type	Section Number
2019-R-0024	Original	18-00081-00-RS

BE IT RESOLVED, by the Council (Governing Body Type) of the City (Local Public Agency Type) of West Chicago (Name of Local Public Agency) Illinois that the following described street(s)/road(s)/structure be improved under the Illinois Highway Code. Work shall be done by Contract (Contract or Day Labor)

For Roadway/Street improvements:

	Name of Street(s)/Road(s)	Length (miles)	Route	From	To
+	Forest Avenue	0.66	MS 5041	Joliet Street	Illinois Route 59

For Structures:

	Name of Street(s)/Road(s)	Existing Structure No.	Route	Location	Feature Crossed
+					

BE IT FURTHER RESOLVED,

1. That the proposed improvement shall consist of

Roadway resurfacing, Class D patching, intermittent sidwalk and combination curb and gutter, and street lighting improvements.

2. That there is hereby appropriated the sum of two hundred ninety-nine thousand five hundred forty-one dollars and ninety-seven cents Dollars ($299,541.97) for the improvement of said section from the Local Public Agency's allotment of Motor Fuel Tax funds.

BE IT FURTHER RESOLVED, that the Clerk is hereby directed to transmit four (4) certified originals of this resolution to the district office of the Department of Transportation.

I, Nancy M. Smith (Name of Clerk) City (Local Public Agency Type) Clerk in and for said City (Local Public Agency Type) of West Chicago (Name of Local Public Agency) in the State aforesaid, and keeper of the records and files thereof, as provided by statute, do hereby certify the foregoing to be a true, perfect and complete original of a resolution adopted by Council (Governing Body Type) of West Chicago (Name of Local Public Agency) at a meeting held on May 06, 2019 (Date)

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 6 (Day) day of May, 2019 (Month, Year)

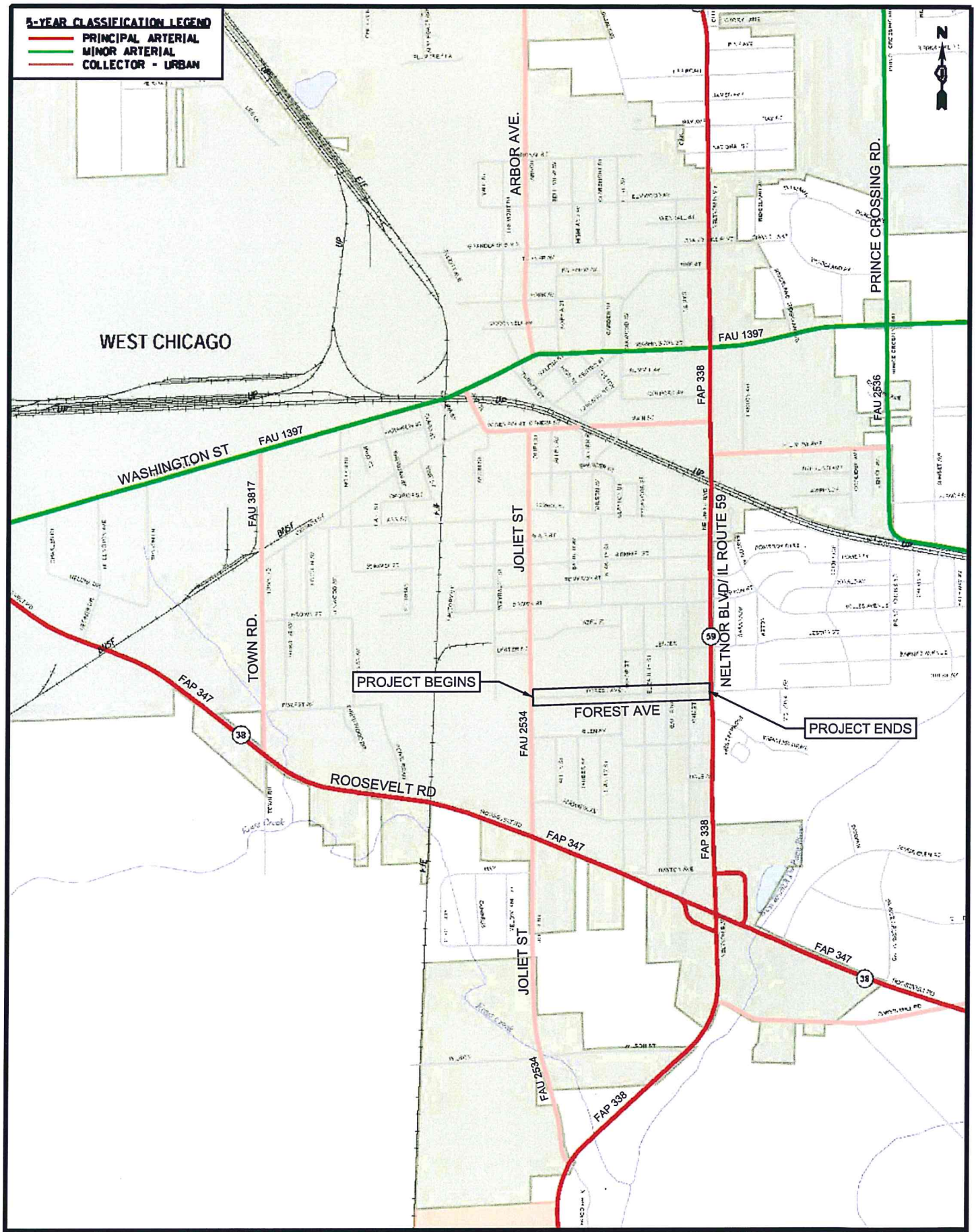
(SEAL)

Clerk Signature

Approved

Regional Engineer
Department of Transportation

Date



DRAWN BY DJN CHECKED BY KCV	SCALE NTS DATE 06/16/16	CITY OF WEST CHICAGO 475 MAIN STREET WEST CHICAGO, IL 60185 PHONE: 630-293-2255 FAX: 630-293-2971	thomas engineering group service of the highest grade	thomas engineering group, llc 238 south kenilworth avenue suite 100 oak park, il 60302 phone: 855-533-1700	FOREST AVENUE JOLIET STREET TO IL ROUTE 59	LOCATION MAP	DRAWING NO. 1 OF 1

CITY OF WEST CHICAGO

INFRASTRUCTURE COMMITTEE
AGENDA ITEM SUMMARY

ITEM TITLE:

Resolution No. 19-R-0025 – Contract Award – J.A. Johnson Paving Company for the 2019 Elm Road Rehabilitation Project

AGENDA ITEM NUMBER: 4.B.

COMMITTEE AGENDA DATE: May 2, 2019
COUNCIL AGENDA DATE: May 20, 2019

STAFF REVIEW: Robert E. Flatter, P.E., Director of Public Works **SIGNATURE**

APPROVED BY CITY ADMINISTRATOR: Michael L. Guttman **SIGNATURE**

ITEM SUMMARY:
The 2019 Elm Road Rehabilitation Project, as prepared by the City's engineering consultant Thomas Engineering Group (TEG), consists of roadway resurfacing and widening of Elm Road, north of Illinois Route 64. The project's work generally consists of pavement milling, hot-mix asphalt (HMA) resurfacing, full-depth HMA pavement patching and widening, installation of a hammerhead turnaround, driveway apron patching, parkway restoration, Thermoplastic pavement markings, and all incidental and collateral work necessary to complete the project as shown on the project plans and detailed in the project specifications. The net length of improvements is approximately 1,053 feet (0.20 miles).

As discussed at several previous Infrastructure Committee meetings, Elm Road was scheduled to be resurfaced last year in 2018. However, the City's inability to secure all of the required quit claim deeds necessary for the City to secure right-of-way resulted in the project being delayed until 2019.

The City has secured all quit claim deeds necessary to complete all required roadway improvements without having to avoid/eliminate certain areas from being widened. That said, the City has not received deeds from the Gun Shop owner (west side of Elm Road at North Avenue) and the three southern most east side property owners. However, these deeds will not prevent the City from being able to complete the necessary roadway improvements.

With all critical deeds secured, the request for bids was advertised in the Daily Herald on March 22, 2019, and bids were opened on April 19, 2019. The City received five bids with J. A. Johnson Paving Company of Arlington Heights, Illinois, submitting the lowest responsible bid of $164,603.82. The second lowest bid was submitted by Schroeder Asphalt Services of Huntley, Illinois, for $170,121.38. The engineer's estimate of probable cost was $177,053.93 (see attached bid tabulation sheet for additional clarification).

J. A. Johnson Paving Company has previously completed the City's 2013 Fremont Street Parking Lot Reconstruction Project, the 2012 Old Heidelberg Collector Street Area Improvement Project, and the 2010 Arbor Avenue Resurfacing (LAPP) Project. All projects were performed satisfactorily. In addition, TEG called several of J. A. Johnson Paving's project references and spoke directly with representatives from the Village of Arlington Heights, Village of Gurnee, and the Village of Wilmette; all provided positive references.

Therefore, City staff recommends that a contract be awarded to J. A. Johnson Paving Company, for services related to the 2019 Elm Road Rehabilitation Project, for an amount not to exceed $164,603.82.

ACTIONS PROPOSED:

Approve Resolution No. 19-R-0025 authorizing the Mayor to execute a contract with J. A. Johnson Paving Company, as lowest responsible bidder, to provide services related to the 2019 Elm Road Rehabilitation Project for an amount not to exceed $164,603.82.

RESOLUTION NO. 19-R-0025

A RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE A CONTRACT AGREEMENT WITH J. A. JOHNSON PAVING COMPANY FOR SERVICES RELATED TO THE 2019 ELM ROAD REHABILITATION PROJECT

BE IT RESOLVED by the City Council of the City of West Chicago, in regular session assembled, that the Mayor is hereby authorized to execute a Contract Agreement for Services related to the 2019 Elm Road Rehabilitation Project, between the City of West Chicago and J. A. Johnson Paving Company, for an amount not to exceed $164,603.82, in substantially the form attached hereto and incorporated herein as Exhibit "A".

APPROVED this 20th day of May, 2019.

AYES: _____

NAYES: _____

ABSTAIN: _____

ABSENT: _____

_____
Mayor Ruben Pineda

ATTEST:

_____
City Clerk Nancy M. Smith

CITY OF WEST CHICAGO
2019 ELM ROAD REHABILITATION PROJECT
Bid Opening: April 19, 2019 @ 10:00 A.M.

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	Engineer's Estimate		J. A. Johnson Paving Co. 1025 E. Addison Court Arlington Heights, IL 60005		Schroeder Asphalt Services, Inc. P.O. Box 831 Huntley, IL 60142		A. Lamp Concrete Contractors, Inc. 1900 Wright Boulevard Schaumburge, IL 60193		Chicagoland Paving Contractors, Inc. 225 Telser Road Lake Zurich, IL 60047		Brothers Asphalt Paving, Inc. 315 S. Stewart Avenue Addison, IL 60101	
				EST. UNIT PRICE	TOTAL	BID UNIT PRICE	BID TOTAL	BID UNIT PRICE	BID TOTAL	BID UNIT PRICE	BID TOTAL	BID UNIT PRICE	BID TOTAL	BID UNIT PRICE	BID TOTAL
1	TREE REMOVAL (6 TO 15 UNIT DIA.)	UNIT	14	$25.00	$350.00	$26.00	$364.00	$28.00	$392.00	$44.00	$616.00	$18.50	$259.00	$49.50	$693.00
2	TREE REMOVAL (OVER 15 UNIT DIA.)	UNIT	36	$25.00	$900.00	$28.00	$1,008.00	$29.00	$1,044.00	$55.00	$1,980.00	$68.00	$2,448.00	$59.40	$2,138.40
3	EARTH EXCAVATION	CU YD	460	$35.00	$16,100.00	$25.00	$11,500.00	$30.00	$13,800.00	$36.00	$16,560.00	$30.00	$13,800.00	$50.00	$23,000.00
4	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	20	$95.00	$1,900.00	$85.00	$1,700.00	$25.00	$500.00	$15.00	$300.00	$25.00	$500.00	$50.00	$1,000.00
5	POROUS GRANULAR EMBANKMENT	CU YD	20	$40.00	$800.00	$15.00	$300.00	$30.00	$600.00	$15.00	$300.00	$25.00	$500.00	$50.00	$1,000.00
6	TRENCH BACKFILL	CU YD	16	$25.00	$400.00	$25.00	$400.00	$25.00	$400.00	$50.00	$800.00	$28.00	$448.00	$27.50	$440.00
7	GEOTECHNICAL FABRIC FOR GROUND STABLIZATION	SQ YD	835	$5.00	$4,175.00	$0.50	$417.50	$1.25	$1,043.75	$1.50	$1,252.50	$1.25	$1,043.75	$2.50	$2,087.50
8	GRADING AND SHAPING DITCHES	FOOT	170	$5.00	$850.00	$14.00	$2,380.00	$18.00	$3,060.00	$10.00	$1,700.00	$10.00	$1,700.00	$15.00	$2,550.00
9	TEMPORARY DITCH CHECKS	EACH	4	$300.00	$1,200.00	$125.00	$500.00	$125.00	$500.00	$150.00	$600.00	$135.00	$540.00	$220.00	$880.00
10	INLET AND PIPE PROTECTION	EACH	10	$200.00	$2,000.00	$150.00	$1,500.00	$100.00	$1,000.00	$15.00	$150.00	$205.00	$2,050.00	$125.00	$1,250.00
11	HOT-MIX ASPHALT BASE COURSE, WIDENING, 4"	SQ YD	835	$25.00	$20,875.00	$17.25	$14,403.75	$18.25	$15,238.75	$22.00	$18,370.00	$19.50	$16,282.50	$35.00	$29,225.00
12	BITUMINOUS MATERIALS (TACK COAT)	POUNDS	693	$0.01	$6.93	$0.01	$6.93	$0.01	$6.93	$0.01	$6.93	$0.01	$6.93	$1.00	$693.00
13	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	1	$300.00	$300.00	$100.00	$100.00	$200.00	$200.00	$300.00	$300.00	$500.00	$500.00	$1,000.00	$1,000.00
14	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	15	$15.00	$225.00	$1.00	$15.00	$12.00	$180.00	$10.00	$150.00	$20.00	$300.00	$10.00	$150.00
15	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	338	$65.00	$21,970.00	$72.00	$24,336.00	$76.00	$25,688.00	$83.00	$28,054.00	$85.00	$28,730.00	$84.00	$28,392.00
16	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	203	$65.00	$13,195.00	$82.00	$16,646.00	$88.00	$17,864.00	$95.00	$19,285.00	$95.00	$19,285.00	$100.00	$20,300.00
17	PAVEMENT REMOVAL	SQ YD	178	$15.00	$2,670.00	$10.00	$1,780.00	$13.00	$2,314.00	$19.25	$3,426.50	$8.50	$1,513.00	$15.00	$2,670.00
18	CLASS D PATCHES, TYPE I, 5 INCH	SQ YD	32	$50.00	$1,600.00	$25.00	$800.00	$38.00	$1,216.00	$35.00	$1,120.00	$35.00	$1,120.00	$100.00	$3,200.00
19	CLASS D PATCHES, TYPE II, 5 INCH	SQ YD	56	$50.00	$2,800.00	$25.00	$1,400.00	$38.00	$2,128.00	$30.00	$1,680.00	$35.00	$1,960.00	$100.00	$5,600.00
20	CLASS D PATCHES, TYPE III, 5 INCH	SQ YD	130	$50.00	$6,500.00	$25.00	$3,250.00	$38.00	$4,940.00	$25.00	$3,250.00	$35.00	$4,550.00	$100.00	$13,000.00
21	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	55	$50.00	$2,750.00	$25.00	$1,375.00	$38.00	$2,090.00	$20.00	$1,100.00	$35.00	$1,925.00	$100.00	$5,500.00
22	METAL FLARED END SECTION 12"	EACH	1	$500.00	$500.00	$600.00	$600.00	$750.00	$750.00	$500.00	$500.00	$835.00	$835.00	$825.00	$825.00
23	METAL FLARED END SECTIONS 18"	EACH	1	$750.00	$750.00	$650.00	$650.00	$900.00	$900.00	$750.00	$750.00	$1,000.00	$1,000.00	$990.00	$990.00
24	INLET, TYPE B, TYPE 8 GRATE	EACH	1	$2,200.00	$2,200.00	$2,400.00	$2,400.00	$2,950.00	$2,950.00	$2,000.00	$2,000.00	$3,275.00	$3,275.00	$3,245.00	$3,245.00
25	THERMOPLASTIC PAVEMENT MARKINGS- LINE 4"	FOOT	1,559	$2.00	$3,118.00	$1.20	$1,870.80	$1.80	$2,806.20	$2.00	$3,118.00	$2.25	$3,507.75	$2.20	$3,429.80
26	CONNECTION TO EXISTING CULVERT	EACH	1	$350.00	$350.00	$630.00	$630.00	$825.00	$825.00	$1,000.00	$1,000.00	$920.00	$920.00	$907.50	$907.50
27	TEMPORARY ACCESS- PRIVATE ENTRANCE	EACH	11	$250.00	$2,750.00	$1.00	$11.00	$1.00	$11.00	$50.00	$550.00	$100.00	$1,100.00	$150.00	$1,650.00
28	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	1,583	$3.00	$4,749.00	$4.00	$6,332.00	$4.00	$6,332.00	$5.00	$7,915.00	$7.00	$11,081.00	$5.00	$7,915.00
29	STORM SEWERS, DUCTILE IRON, TYPE 2, 18"	FOOT	47	$60.00	$2,820.00	$143.00	$6,721.00	$175.00	$8,225.00	$150.00	$7,050.00	$195.00	$9,165.00	$180.25	$8,471.75
30	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	$2,500.00	$2,500.00	$23,000.00	$23,000.00	$6,650.00	$6,650.00	$20,000.00	$20,000.00	$10,996.07	$10,996.07	$7,822.00	$7,822.00
31	AGGREGATE SUBGRADE 12"	SQ YD	928	$20.00	$18,560.00	$12.00	$11,136.00	$13.50	$12,528.00	$14.00	$12,992.00	$13.50	$12,528.00	$15.00	$13,920.00
32	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SQ YD	328	$50.00	$16,400.00	$35.53	$11,653.84	$29.00	$9,512.00	$32.00	$10,496.00	$27.00	$8,856.00	$40.00	$13,120.00
33	HOT-MIX ASPHALT DRIVEWAY PAVEMENT REMOVAL	SQ YD	434	$10.00	$4,340.00	$1.00	$434.00	$12.00	$5,208.00	$12.00	$5,208.00	$12.50	$5,425.00	$1.00	$434.00
34	CONSTRUCTION LAYOUT	L SUM	1	$2,500.00	$2,500.00	$2,500.00	$2,500.00	$3,000.00	$3,000.00	$3,500.00	$3,500.00	$1,500.00	$1,500.00	$6,500.00	$6,500.00
35	MAILBOX REMOVE AND RELOCATE	EACH	7	$250.00	$1,750.00	$1.00	$7.00	$200.00	$1,400.00	$200.00	$1,400.00	$250.00	$1,750.00	$100.00	$700.00
36	MAILBOX REMOVE AND REPLACE	EACH	4	$500.00	$2,000.00	$150.00	$600.00	$350.00	$1,400.00	$400.00	$1,600.00	$250.00	$1,000.00	$150.00	$600.00
37	TEMPORARY MAILBOX	L SUM	1	$2,000.00	$2,000.00	$1.00	$1.00	$200.00	$200.00	$350.00	$350.00	$350.00	$350.00	$2,100.00	$2,100.00
38	MAILBOX RELOCATE, SPECIAL	EACH	4	$1,000.00	$4,000.00	$1,000.00	$4,000.00	$1,500.00	$6,000.00	$500.00	$2,000.00	$3,500.00	$14,000.00	$2,000.00	$8,000.00
39	PARKWAY RESTORATION, SPECIAL	SQ YD	525	$8.00	$4,200.00	$15.00	$7,875.00	$13.75	$7,218.75	$14.00	$7,350.00	$10.00	$5,250.00	$15.73	$8,258.25
		BID TOTAL	As Corrected		**$177,053.93**		**$164,603.82**		**$170,121.38**		**$188,779.93**		**$192,000.00**		**$233,657.20**
			As Read				$164,603.82		$170,121.38		$188,779.93		$192,000.00		$233,657.20

CITY OF WEST CHICAGO

INFRASTRUCTURE COMMITTEE AGENDA ITEM SUMMARY	
ITEM TITLE: Resolution No. 19-R-0026 - Acceptance of Public Improvements and Release of Development Security – Thorntons Gas Station, 1330 S. Neltnor Boulevard	**AGENDA ITEM NUMBER:** 4. C. **COMMITTEE AGENDA DATE:** May 2, 2019 **COUNCIL AGENDA DATE:** May 20, 2019
STAFF REVIEW: Robert E. Flatter, P.E., Director of Public Works	**SIGNATURE**_____
APPROVED BY CITY ADMINISTRATOR: Michael L. Guttman	**SIGNATURE**_____

ITEM SUMMARY:

The Thorntons Gas Station at 1330 S. Neltnor Boulevard is located at the northwest corner of Illinois Route 59 (Neltnor Boulevard) and Illinois Route 38 (Roosevelt Road). In 2016 the City issued permits for the construction of a new gas station and appurtenances, new parking lot and drive aisles, storm sewers, stormwater management facility and BMP system, and installation of a new 8" diameter watermain and two fire hydrants for fire protection purposes.

The referenced project has substantially been complete since August 2018; however, the City has not formally accepted the development's public improvements. The Developer has satisfactorily completed all required public improvements, and there have been no maintenance issues over the past several months. The developer has posted a Maintenance Bond in the amount of 10% of the estimated construction cost for the public improvements being accepted per the Subdivision Regulations. The Maintenance Bond will be held for eighteen months from the date of acceptance. The Developer has requested the City accept said public improvements and release their original development security.

The developer has submitted the required Final Waivers of Lien, Deed of Conveyance/Bill of Sale, and as-built drawings, for this project. A water main easement was recorded with the DuPage County Recorder's Office in August 2018. Staff recommends that City Council approve the following:

1. Acceptance of all water distribution system improvements located within a dedicated public right-of-way or dedicated easement area, as installed as part of the Thorntons Gas Station Project, as City of West Chicago ownership and maintenance responsibility.

The water service lines (from the water service shut-off valve or b-box to the building), the irrigation water lines, and the fire suppression lines (from the water shut-off valve at the City main to the building), shall remain the ownership and maintenance responsibility of the property owner.

The Development's overland stormwater drainage systems, stormwater detention basin, stormwater management BMP system, storm sewer system, underdrain system, all on-site sanitary sewer main and service lines, and the interior parking lots and roadways, shall remain the ownership and responsibility of the property owner.

Staff from the Department of Community Development has inspected the development improvements and recommends acceptance. Staff also recommends the release of the original development security held for said development.

CITY OF WEST CHICAGO

ACTIONS PROPOSED: Approve Resolution No. 19-R-0026 authorizing the acceptance of the public watermain improvements associated with the Thorntons Gas Station Project, located at 1330 S. Neltnor Boulevard, and authorize a reduction/release of any development securities posted by the Developer for the installation of certain public improvements.
COMMITTEE RECOMMENDATION:

RESOLUTION NO. 19-R-0026

A RESOLUTION AUTHORIZING THE ACCEPTANCE OF THE PUBLIC IMPROVEMENTS ASSOCIATED WITH THE THORNTONS GAS STATION DEVELOPMENT PROJECT, 1330 S. NELTNOR BOULEVARD

WHEREAS, Thorntons, Inc., the developer/owner of the Thorntons Gas Station located at 1330 S. Neltnor Boulevard, West Chicago, Illinois, 60185, has heretofore executed and delivered to the City a certain Deed of Conveyance/Bill of Sale regarding the conveyance of certain public improvements therein, a copy of which is attached hereto and incorporated herein as Exhibit "A".

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of West Chicago, DuPage County, Illinois, in regular session assembled as follows:

Section 1. That the corporate authorities of the City of West Chicago hereby accept the Deed of Conveyance/Bill of Sale attached hereto as Exhibit "A" conveying the public improvements for the Thorntons Gas Station Development Project constructed at 1330 S. Neltnor Boulevard.

Section 2. That the corporate authorities of the City of West Chicago hereby accept all water main improvements located within a dedicated public right-of-way or dedicated easement area, as installed as part of the Thorntons Gas Station Development Project, as City of West Chicago ownership and maintenance responsibility, as depicted on Exhibit "B" a copy of which is attached hereto and incorporated herein.

Section 3. That the development's overland stormwater drainage systems, stormwater detention basin, stormwater Management BMP system, storm sewer system, underdrain system, all onsite sanitary sewer main and service lines, the water service lines (from the water service shut-off valve or b-box to the building), the irrigation water lines, and the fire suppression lines (from the water shut-off valve at the City main to the building), and the interior parking lots and roadways, shall remain the ownership and responsibility of the property owner.

Section 4. That all Resolutions, or parts thereof, in conflict with the provisions of this Resolution are, to the extent of such conflict, hereby repealed.

Section 5. That this Resolution shall be in full force and effect from and after its adoption and approval as provided by law.

APPROVED this 20th day of May 2019.

AYES: _____

NAYS: _____

ABSTAIN: _____

ABSENT: _____

_____
Ruben Pineda, Mayor

ATTEST:_____
Nancy M. Smith, City Clerk

RESOLUTION NO. 19-R-0026 EXHIBIT "A"

CERTIFICATE OF APPROVAL AND INITIAL ACCEPTANCE

REQUEST FOR INSPECTION

SUBDIVISION: 1330 South Neltnor Boulevard
(Project Name / Phase, etc.)

Request is hereby made by the Developer (Thorntons Inc.) to the City of West Chicago to approve the subdivision/project described above. The following information is submitted in support of this request.

Deed of Conveyance/Bill of Sale
"As-Built" Engineering Drawings (3-print sets/1 mylar set)
Maintenance Guarantee (Bond, Letter of Credit, etc.)

OWNER(S) / DEVELOPER(S): Thorntons Inc.

ADDRESS: 2600 James Thornton Way
Louisville, Kentucky 40245

TELEPHONE: 505-425-8022

REFERENCE:

Plan No. 1330 S. Neltnor Blvd. Record Drawings Sheets 6, Dated 5-18-17 & Specifications.

Prepared by Manhard Consulting, Ltd.

And approved by the City of West Chicago.

IMPROVEMENT DESCRIPTION:

- [x] Watermain and Appurtenances
- [ ] Sanitary Sewer and Appurtenances
- [ ] Storm Sewer and Appurtenances
- [ ] Roadway (Curb and Gutter)
- [ ] Roadway (Pavement)
- [ ] Roadway (Markings)
- [ ] Sidewalk
- [ ] Street Lights
- [ ] Parkway Trees
- [ ] Ponds (Detention/Retention)
- [ ] Other (Lift Station, etc.)

CERTIFICATIONS:

DESIGN ENGINEER'S CERTIFICATION

To the best of my knowledge and belief, the construction of the above described improvement has been completed in accordance with the approved plans and specifications, prepared by:

Name: Manhard Consulting, Ltd.

Address: 900 Woodlands Parkway

Vernon Hills, Illinois 60061

10-22-18	062-062677	
(Date)	(Ill. P.E. No.)	(Signature)

SEAL

STEVEN M. SHANHOLTZER
062-062677
LICENSED PROFESSIONAL ENGINEER
STATE OF ILLINOIS

DEVELOPER/OWNER CERTIFICATION

FIELD INSPECTORS CERTIFICATION

I hereby certify that I (we) have regularly inspected the above described improvements during the progress of construction and that to the best of my/our knowledge and belief the work has been completed in conformance with the approved plans and specifications.

DEVELOPER(S)/OWNER(S): Thorntons Inc. (Name) Typed — Oct. 26, 2018 (Date)

(Name) Signed — Oct. 26, 2018 (Date)

CITY INSPECTOR: (Name) — 12/7/2018 (Date)

CITY ENGINEER: CERTIFICATION

All work required for this development has been inspected and found to be complete in a satisfactory manner. All documentation for acceptance has been submitted and found to be acceptable.

(Date) (Name) (Title)

DEED OF CONVEYANCE/BILL OF SALE

KNOW ALL MEN BY THESE PRESENTS, that Thorntons Inc.

_____ (Developer/Owner), located at

2600 James Thornton Way,
Louisville, Kentucky 40245 (Address of Developer/Owner)

a _____ (corporation, partnership, individual)

authorized to do business in the State of Illinois, for and in consideration of the sum of One Dollar ($1.00) and other good and valuable consideration in hand paid, the receipt and sufficiency of which are hereby acknowledged, does hereby Grant, Sell, Transfer Over, Convey and Deliver unto the City of West Chicago (the "City"), DuPage County, Illinois, a municipal corporation, to and for its own use forever the following:

UNDERGROUND IMPROVEMENTS

✓ Watermain and Appurtenances

_____ Sanitary Sewer and Appurtenances

_____ Storm Sewer and Appurtenances

_____ Lift Station and Force Main

_____ Other (_____)

SURFACE IMPROVEMENTS

_____ Roadway (Curb & Gutter/Pavement)

(Street Names_____)

_____ Sidewalks

_____ Parkway Trees

_____ Traffic Control/Street Signs/Pavement marking

_____ Street Lights

_____ Storm Water Retention/Detention

Basin/Grading

_____ Other (_____)

Located in the Project known as 1330 South Neltnor Boulevard
(Project/Subdivision Name)

(the "Project") as described on the "as-built" engineering plans prepared by Manhard Consulting, Ltd., located at
(Consulting Engineer's Name)

900 Woodlands Parkway, Vernon Hills, IL 60061
(Consultant's Address)

and dated 05-18-17, which plans with "Bill of Materials"
(As-built date)

are incorporated by reference and made a part hereof.

WHEREAS, the Developer does hereby warrant to the City, it is the lawful owner of and has good and marketable title to the aforedescribed improvements; that the same are free from all encumbrances; that the Developer shall hold harmless the City against the lawful claims and demands of all persons with respect to the title hereby conveyed; and that the execution of this Deed of Conveyance/Bill of Sale is an authorized Act of Said Corporation, Individual or Partnership.

IN WITNESS WHEREOF, the Developer has caused this instrument to be signed and delivered this 24 day of October, 2018.

(Name) Oct. 26, 2018 (Date) CORPORATE SEAL

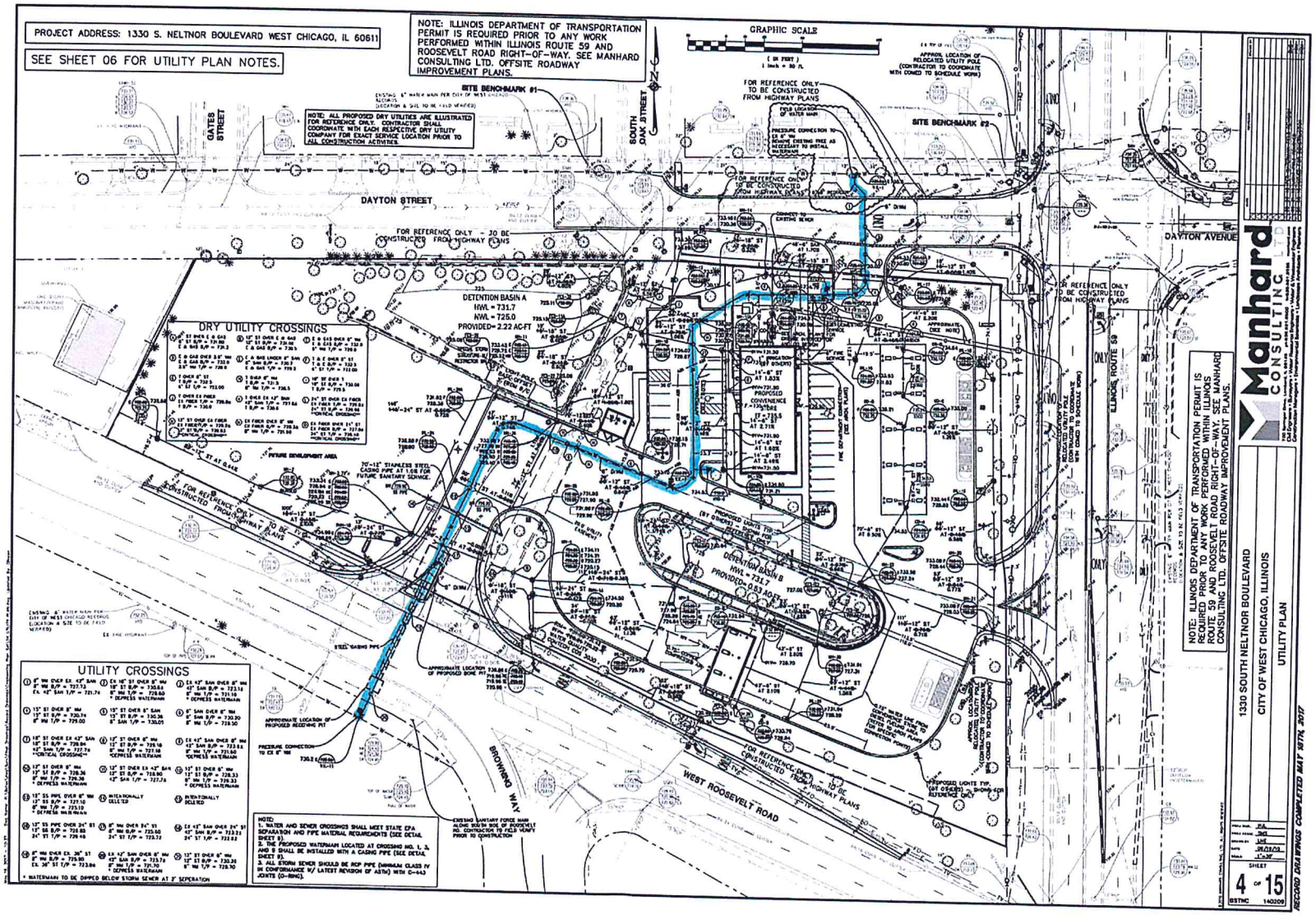
VP, Design & Development
(Title)

Accepted for the City of West Chicago

Mayor

ATTEST:
City Clerk

RESOLUTION NO. 19-R-0026 EXHIBIT "B"



CITY OF WEST CHICAGO

INFRASTRUCTURE COMMITTEE
AGENDA ITEM SUMMARY

ITEM TITLE:

Purchase of Rock Salt from Compass Minerals American, Inc., Overland Park, Kansas, for the 2019-2020 Winter Season

AGENDA ITEM NUMBER: 4.D.

COMMITTEE AGENDA DATE: May 2, 2019
COUNCIL AGENDA DATE: May 20, 2019

STAFF REVIEW: Robert E. Flatter, P.E., Director of Public Works

SIGNATURE

APPROVED BY CITY ADMINISTRATOR: Michael L. Guttman

SIGNATURE

ITEM SUMMARY:

For FY 2020, or for the 2019-2020 winter season, City staff participated in the DuPage County Rock Salt Purchasing Program for the purchase of rock salt. On Tuesday, March 12, 2019, City staff submitted information to DuPage County of the City's intent to participate in its Rock Salt Purchasing Program for the purchase of 4,000 tons of rock salt (2,000 tons 100% confirmed early delivery, and 2,000 tons standard buy (1,600 tons (80%) minimum purchase required and 2,600 tons (130%) maximum purchase guaranteed available).

On Wednesday, April 4, 2019, DuPage County opened bids for BID#19-048-DOT – BULK ROCK SALT. Three bids were received with Compass Minerals American, Inc. of Overland Park, Kansas, submitting the lowest responsible bid of $82.96 per ton of rock salt delivered (see attached bid tabulation sheet). On Tuesday, April 9, 2019, DuPage County advised all program participants that it would be awarding its 2019-2020 salt procurement contract to Compass Minerals American, Inc. of Overland Park. Compass Minerals American, Inc. has requested a contract/commitment from the City of West Chicago by Wednesday, July 3, 2019.

Based upon pricing received under the DuPage County Rock Salt Purchasing Program, City staff recommends that City Council authorize the purchase of up to 4,600 tons of rock salt, at the price of $82.96 per ton delivered, from Compass Minerals American, Inc., of Overland Park, Kansas for the 2019-2020 winter season under the DuPage County Joint Purchasing Program.

Purchase History:

- For FY 2018, or the 2018-2019 winter season, the City paid $67.15 per ton of rock salt delivered under the DuPage County Rock Salt Purchasing Program.
- For FY 2017, or the 2017-2018 winter season, the City paid $51.49 per ton of rock salt delivered under the DuPage County Rock Salt Purchasing Program.
- For FY 2016, or the 2016-2017 winter season, the City paid $56.35 per ton of rock salt delivered under the DuPage County Rock Salt Purchasing Program.
- For FY 2015, or the 2015-2016 winter season, the City paid $70.44 per ton of rock salt delivered under the DuPage County Rock Salt Purchasing Program.
- For FY 2014, or the 2014-2015 winter season, the City paid $112.69 per ton of rock salt delivered under the CMS program (State of Illinois Program).

ACTIONS PROPOSED:

That the West Chicago City Council authorize the purchase of up to 4,600 tons of rock salt, at the price of $82.96 per ton delivered, from Compass Minerals American, Inc. of Overland Park, Kansas under the DuPage County Rock Salt Joint Purchasing Program for the 2019-2020 winter season.

THE COUNTY OF DUPAGE
FINANCE - PROCUREMENT

BID #19-048-DOT - BULK ROCK SALT
BID TABULATION

		√					
		COMPASS MINERALS AMERICA INC.		**DETROIT SALT COMPANY**		**MORTON SALT, INC.**	
	Standard Delivery Qty	Unit Price per Ton	Extended Total	Unit Price per Ton	Extended Total	Unit Price per Ton	Extended Total
Group 1 - DuPage County Standard Delivery	20,000	$ 82.96	$ 1,659,200.00	$ 83.32	$ 1,666,400.00	$ 95.15	$ 1,903,000.00
Unit Cost per Ton 130% -150% of Projected Usage		$ 102.96		$ 91.32		No Bid	
TOTAL GROUP 1			$ 1,659,200.00		$ 1,666,400.00		$ 1,903,000.00
Group 2A - Townships/Municipalities Early Delivery	11,700	$ 82.96	$ 970,632.00	$ 80.37	$ 940,329.00	$ 99.15	$ 1,160,055.00
Group 2B - Townships/Municipalities Standard Delivery	60,820	$ 82.96	$ 5,045,627.20	$ 90.03	$ 5,475,624.60	$ 95.15	$ 5,787,023.00
Unit Cost per Ton 130% -150% of Projected Usage		$ 102.96		$ 98.08		No Bid	
TOTAL GROUP 2		**$**	**6,016,259.20**	$	6,415,953.60	$	6,947,078.00

NOTE:
1) For both Group 1 – DuPage County and Group 2 – Townships/Municipalities, the minimum contract commitment is eighty percent (80%) of the standard delivery quantity.
2) Cargill submitted a No Bid.

Invitations Sent	12
Potential Bidders Requesting Bid Documents	12
Total Bid Responses Received	3
Bid Opening Attended	DT, JEM

CITY OF WEST CHICAGO

INFRASTRUCTURE COMMITTEE
AGENDA ITEM SUMMARY

ITEM TITLE:

2019 Asphalt Materials Procurement – DuPage County Joint Purchasing Program - Plote Construction, Inc.

AGENDA ITEM NUMBER: 4.E.

COMMITTEE AGENDA DATE: May 2, 2019
COUNCIL AGENDA DATE: May 20, 2018

STAFF REVIEW: Timothy R. Wilcox, Assistant Director of Public Works **SIGNATURE**

APPROVED BY CITY ADMINISTRATOR: Michael L. Guttman **SIGNATURE**_____

ITEM SUMMARY:

For over 31 years the City has utilized the DuPage County Joint Purchasing Program for the procurement of asphalt materials. DuPage County has a Joint Purchasing Program similar to the State of Illinois Joint Purchasing Program where annually it solicits bids for materials by way of public bid and then allows municipalities to take advantage of the competitively bid unit prices.

Staff has been advised that Plote Construction, Inc. (Plote) was awarded a contract for Asphalt Materials, both Surface and Binder Course, along with additional Group IV Bituminous Paving Materials such as asphalt emulsion (primer), effective April 1, 2019 and expiring March 31, 2020. Plote has agreed to extend its bid to other taxing bodies in DuPage County through the Joint Purchasing Program. Public Works staff will be able to pick up hot mix asphalt (HMA) material as needed from the plant located on Washington Street, near Illinois Route 38, in West Chicago, IL.

The City uses HMA to repair street openings from water and sewer excavations, for pothole patching, repair of surface imperfections through grinding and patching, and overlayment of sections of streets where the surface is deteriorated and the street is not scheduled for contractual reconstruction or resurfacing. For FY 2019, staff anticipates using approximately 750 tons of surface mix, approximately 50 tons of binder mix and approximately 100 gallons of primer. Material cost varies from $51.00 to $57.00 per ton depending on the type of HMA required. Primer is $38.00 per 5 gallon pail. The amount of $46,000 has been budgeted in the Capital Projects Fund for the purchase of HMA asphalt and street patch materials.

Staff recommends using the DuPage County Joint Purchasing Program for the procurement of Asphalt Materials from Plote Construction, Inc.

A copy of the DuPage County bid awarded to Plote Construction, Inc. is attached for your consideration.

ACTIONS PROPOSED:

Authorize the purchase of HMA Asphalt Materials, as needed, from Plote Construction, Inc. for an amount not to exceed $46,000.00, through the DuPage County Joint Purchasing Program.

DuPage County Illinois
421 N. County Farm Road
Wheaton, Il 60187-3978

PURCHASE ORDER #: 3768-0001 SERV

Please include this Purchase Order Number on all invoices, shipping papers, packages and correspondence. Failure to comply may result in delayed payment of invoices. Current Terms and Conditions are located at www.dupageco.org.

Reference #	IQM2#14765
Effective Date	04/01/2019
Expiration Date	03/31/2020
Last Invoice Allowed Date	09/30/2020
Lifetime Max Amount	$15,000.00

DATE: 04/01/2019

TO
11199
PLOTE CONSTRUCTION INC
1100 BRANDT DR
HOFFMAN ESTATES IL 60192

DAVE VERDICO
847/695-9300
dverdico@plote.com

Vendor Agreement Reference:
DOT-PLOTE CONSTRUCTION INC
Vendor Agreement Description:
BITUMINOUS PAVING MATERIAL F/NW REGION OF THE COUNTY-DOT

TERMS	IL Prompt Payment Act per 50 ILCS 505/1	**SHIP VIA**	
SHIP TERMS	**Freight included in Price**	**Best Way**	
FRT TERMS	**FOB Destination**		

LINE	QUANTITY	UOM	ITEM DESCRIPTION	UNIT PRICE	AGREEMENT MAX QTY	AGREEMENT MAX AMOUNT
1	0	EA	Service Agreement to furnish Bituminous Paving Material, for the Northwest Region of the County for DOT. Dollar Value is estimated, orders placed on "as-needed" basis with items and quantities specified at time of order. --- Pricing per low bid #19-014-DOT This contract subject to three (3) optional one-year renewals. 3/28/19 JEM ---------- **BITUMINOUS PAVING MATERIALS** FOR NW REGION OF COUNTY-DOT	$15,000.00	0.00	$15,000.00

SEND INVOICES TO:
County of DuPage
Division of Transportation
421 N. County arm Road
Wheaton, IL 60192
Attn: Kathy Curcio
kathy.black@duapgeco.org

Buyer Contact:
Joan McAvoy

Phone: 630-407-6181
Email: joan.mcavoy@dupageco.org

Total Amount: $15,000.00

Procurement Officer

Plote

DuPage County Procurement Services Division
Finance Department
421 North County Farm Road, Room 3-400
Wheaton, Illinois 60187-3978
Phone: (630) 407-6181

DUPAGE COUNTY
NOTICE TO BIDDERS

NOTICE IS HEREBY GIVEN that sealed bids will be received and time stamped by the Procurement Officer, for The County of DuPage ("County") on or before March 5, 2019 at 2:30pm at DuPage County Finance Department, Room 3-400, 421 N. County Farm Road, Wheaton, IL 60187 for the following contract: FURNISH BITUMINOUS PAVING MATERIALS #19-014-DOT. Bid document may be obtained from the Finance Department by email at David.Williams@dupageco.org or onsite during regular business hours at no cost or from the internet via www.demandstar.com. All bids must be received prior to the date and time shown above. Bids transmitted by email or facsimile (fax) will not be accepted.

Date	Bid Event Activity
February 19, 2019	Legal Notice Advertisement Placed
February 25, 2019 1:30pm	Questions Due to Buyer Email: david.williams@dupageco.org
February 28, 2019 4:00pm	Final Q&A Addendum Published
March 5, 2019 2:30 pm	Submittals Due to Finance Department

Each department will make an independent determination on whether it will enter into an agreement with the awarded contractor ad will issue their own purchase order.

√	**SUBMITTAL CHECKLIST**
	ORIGINAL SIGNED BID
	ALL ADDENDA NUMBERS ACKNOWLEDGED, IF APPLICABLE
	REFERENCES
	PROPOSAL PRICING
	CERTIFICATION/PROPOSALSIGNATURE AFFIDAVIT PAGE COMPLETED
	JOINT PURCHASING SECTION, COMPLETED
	VENDOR ETHICS DISCLOSURE FORM, COMPLETED
	IRS FORM W9, COMPLETED
	DESIGN SHEETS INDICATING THE COMPOSITION OF PRIVATE / DRIVEWAY MIXES
	COPIES OF ALL AGREEMENTS, WAIVERS, DISCLAIMERS, ETC., REQUIRED TO BE COMPLETED, WHEN DUMPING ASPHALT GRINDINGS AND CLEAN CONCRETE

AWARDED CONTRACTOR REQUIREMENTS	
CERTIFICATE OF INSURANCE	DUE WITHIN 15 DAYS OF NOTICE OF AWARD
PREVAILING WAGE REQUIREMENT (IF APPLICABLE)	AS REQUIRED BY IL STATE LAW
ILLINOIS SECRETARY OF STATE CORPORATE/LLC CERTIFICATE OF GOOD STANDING FOR CURRENT YEAR	DUE WITHIN 15 DAYS OF NOTICE OF AWARD http://www.cyberdriveillinois.com/departments/business_services/howdoi.html

INSTRUCTIONS TO BIDDERS

ON-LINE NOTIFICATION OF SPECIFICATIONS:
This document is available over the Internet at www.DemandStar.com or www.co.dupage.il.us, as well as from the Buyer listed in this document.

Businesses without Internet access may contact the Buyer listed on page 1.

Companies interested in doing business with the County are able to register and maintain their registration via the Internet at www.DemandStar.com. Registration is not required but if you choose to register you will receive an automatic initial notification from DemandStar of relevant opportunities with the County of DuPage.

The County is not responsible for errors and omissions occurring in the transmission or downloading of any specifications from this website. In the event of any discrepancy between information on this website and the hard copy specifications, the terms of the hard copy specification will prevail.

ON-LINE PROVIDER DISCLAIMER:
DemandStar.com has no affiliation with the County of DuPage other than as a service that facilitates communication between the County and its vendors. DemandStar.com is an independent entity and is not an agent or representative of the County. Communications to DemandStar.com do not constitute communications to the County.

BID REQUIREMENTS:
All bids must be submitted on the blank bid form furnished with these contract documents and shall conform to the terms and conditions set forth in this Invitation to Bid (the ITB). Please make and retain a copy of your Bid Response for your records. The bid must be enclosed in a sealed envelope bearing the bid number and the printed title of the bid. Bidders must sign, in ink, the bid form where indicated and have the signature notarized.

Bidder shall acknowledge receipt of each addendum issued in the space provided on the bid form.

ALTERNATE/EQUAL BIDS:
The specifications cannot cover precisely all minute details of the equipment required. Therefore, for purposes of establishing a standard of quality, the items listed in the specification may state brand names, manufacturer's models, numbers, et cetera. The County of DuPage, for cost effective measures, standardizes on specific items; those bids will contain the language "NO SUBTITUTIONS," and any alternative will not be considered. A generic or alternate brand product of equal specifications may be proposed as an alternative for the item identified unless "NO SUBSTITUTIONS," is indicated. However, in bidding the alternate item, the bidder must also attach manufacturer's printed specifications and literature and bid must be clearly marked as an ALTERNATE.

Bidders submitting alternate items, of equal specifications, may be requested to provide samples of the item they intend to supply for testing. The Procurement Officer of DuPage County shall be the sole judge to determine whether the alternate item is actually equal to the item identified in the specifications, and the Procurement Officer's decision will be final and binding.

Bidders are encouraged to submit cost-saving/value-added alternate bid pricing suggestions, such as rebates, creative lease agreements, extended warranty periods, trade-in allowances, or the availability of discounts for floor model or demonstrator units at significant savings. Any alternate pricing should be noted as a separate line that may be subtracted from the bid pricing as specified, allowing for clear evaluation and value-analysis by the County.

The County recognizes the expertise provided by many bidders and encourages creativity in bidding. Alternates may be considered if the bid submitted clearly indicates what will be furnished and how it will benefit the County. Alternates will be compared to the lowest responsive, responsible bid as specified.

COMPETITION INTENDED:
It is the County's intent that this Invitation to Bid (ITB) permits competition. It shall be the bidder's responsibility to advise the Buyer in writing if any language, requirement, specification, etc., or any combination thereof, inadvertently restricts or limits the requirements stated in this ITB to a single source. Such notification must be received by the Buyer no later than seven (7) days prior to the date set for bids to close.

COMPLIANCE WITH ILLINOIS STATE LAW:
By submitting a response, bidder [offeror] certifies that it has obtained any and all required authorizations, certifications, and/or licenses required by law in order to perform the work described herein and transact business within the State of Illinois. This includes, but is not limited to, in the case of a foreign business corporation, limited liability company, limited partnership, or limited liability partnership, authorization from the Illinois Secretary of State to transact business within the State of Illinois.
http://www.cyberdriveillinois.com/departments/business_services/howdoi.html

DEVIATIONS:
The County of DuPage reserves the right to approve any material the Bidder proposes to furnish which contains deviations from specification requirements but which may substantially comply. If there is any deviation in the pack, source, quality, etc., of an item bid, from that prescribed in the specifications, Bidder must rule out the appropriate line in the specifications and clearly indicate the correction. Prices will be converted by the County to accommodate accepted deviations.

EXCEPTIONS:
Exceptions will be considered up to the deadline listed in Project Information. Exceptions must be fully described, on the Bidder's letterhead and signed; exceptions must reference the bid number and the specification, contract term or other portion of the Invitation to Bid which is being accepted. If the Bidder wishes to propose terms and conditions or alternative paperwork it must do so as an exception. In the absence of such statement, the bid shall be considered as if submitted in strict compliance with all terms, conditions, and specifications; by its submission, the Bidder agrees that if selected, it will be bound by same. No exceptions or changes to contract terms will be accepted with the bid.

EXAMINATION BY BIDDER:
The Bidder shall, before submitting his bid, carefully examine the bid and specifications. If his bid is accepted, he will be responsible for all errors in his bid resulting from his failure or neglect to comply with these instructions.

Unless otherwise provided in the SPECIAL CONDITIONS, when the specifications include information pertaining to preliminary investigations made by the County, such information represents only the opinion of the County of DuPage as to the location, character or quantity of the materials encountered. That information is only included for the convenience of the Contractor. The County of DuPage does not warrant the accuracy or the sufficiency of the information and assumes no responsibility therefore.

ELECTRONIC TRANSMITTALS:
Facsimile and/or e-mail transmitted bids will not be accepted by the County of DuPage.

INTERPRETATION OF CONTRACT DOCUMENTS:
If a potential Bidder is uncertain as to the meaning of any part of the specifications of this ITB, the Bidder is expected to contact the Procurement Services Division up to the deadline listed on the Project Information page for Exceptions to Bids.

PREPARATION OF BIDS:
The Bidder shall return his bid on the attached bid forms. It must be returned with all pages intact. Please make and retain a copy of the signed bid for your records. Unless otherwise stated, all blank spaces on the bid page or pages, applicable to the subject specification, shall be correctly filled in. Either a unit price or a lump sum price, or both as the case may be, shall be stated for each and every item, either typed in or printed in ink, in figures, and if required in words. Bidder shall acknowledge receipt of each addendum issued in the space provided on the bid form.

When a bid consists of a number of items, prices must be submitted for all items unless otherwise directed in the Special Conditions.

Where unit prices are to be bid, and/or where bids are to be made on more than one item, the Bidder shall extend the unit price(s) bid in the places provided on the pricing pages for the approximate quantities, shall compute the total amount of the bid and shall indicate the same on the proposal pricing page. The Bidder must bid in accordance with the unit(s) of measure called for unless deviation procedure is followed. All extensions and total sums are subject to verification by the County and the correct extensions and sums will be used in the comparison of bids. If a discrepancy exists between the unit prices and totals, the unit prices shall prevail. If a discrepancy exists between the total base bid and the true sum of the individual bid items, the true sum shall prevail.

Where unit prices are requested, the quantities stated are approximate only but will be used to determine bid award. The quantities for all items on which bids are to be received on a unit price basis, will not be used in establishing final payment due the Contractor. Bids will be compared on the basis of the number of units stated in the Bid Pricing Section. Contract payment for unit price items will be based on the actual number of units delivered.

In certain cases, amounts are to be shown in both words and figures. When discrepancies occur between the "Written in Words" and the "In Figures" amounts for the total lump sum bid amount, the "Written in Words" shall govern.

Bidders are warned against making any erasures or alterations of any kind, and bids that contain omissions, erasures, conditions, or alterations may be rejected. The bidder must fill in all blanks. Use "N/A" or "None" where applicable.

If the Bidder is a corporation, the President shall execute the bid. In the event that the bid is executed by anyone other than the President, a certified copy of that section of the corporate bylaws or other authorization by the corporation, which permits the person to execute the offer for the corporation, shall be submitted.

If the Bidder is a partnership, all partners shall execute the bid, unless one partner has been authorized to sign for the partnership, in which case, evidence of such authority satisfactory to the Procurement Officer shall be submitted.

If the Bidder is a sole proprietor, the owner shall execute the bid.

A "Partnership" or "Sole Proprietor" operating under an Assumed Name shall be registered with the Illinois County in which located, as provided in the Illinois Compiled Statutes, 805/ILCS 405/1 et seq.

SUBMISSION OF BIDS:
The Bidder shall be responsible for delivery of bids to the Procurement Services Division before the date and hour set for the opening of bids. Late bids will not be considered and will be returned unopened.

All bids must be received in sealed envelopes that have your name and address in the UPPER left corner and the attached label filled in and pasted on the LOWER left corner.

Bids mailed "EXPRESS MAIL" must have bid number and due date on the outside of the EXPRESS MAIL envelope.

You must allow sufficient time for processing through the County's internal mailroom system.

PROPRIETARY INFORMATION:
Under the Illinois Freedom of Information Act, all records in the possession of DuPage County are presumed to be open to inspection or copying, unless a specific exception applies. 5 ILCS 140/1.2 One exception is trade secrets and commercial or financial information obtained from a person or business where the trade secrets or commercial or financial information are furnished under a claim that they are proprietary, privileged or confidential, and that disclosure of the trade secrets or commercial or financial information would cause competitive harm to the person or business, and only insofar as the claim directly applies to the records requested." 5 ILCS 140/7(1)(g). The County will assume that all information provided to us in a bid or proposal is open to inspection or copying by the public unless clearly marked with the appropriate exception that applies under the Freedom of Information Act. Additionally, if providing documents that you believe fall under an exception to the Freedom of Information Act, please submit both an un-redacted copy along with a redacted copy which has all portions redacted that you deem to fall under a Freedom of Information Act exception.

CONTRACT AWARD INFORMATION:
The successful bidder will be asked to sign a contract agreement (sample attached).

If the bidder wishes to propose terms and conditions or alternative paperwork he must do so as an exception (see exceptions above).

Award notification will be sent to the vendor receiving the award via mail, e-mail or fax. Award status can be viewed at www.DemandStar.com.

Response summaries will be available over the Internet at www.DemandStar.com. This summary information will include bids that were delivered by the required bid opening date and time.

The above bid status information can also be obtained by contacting the Buyer.

END OF INSTRUCTIONS TO BIDDERS

GENERAL CONDITIONS

ADDENDUM AND SUPPLEMENT TO INVITATION TO BID (ITB):
If it becomes necessary or advisable to revise any part of this ITB or if additional data is necessary to enable the exact interpretation of provisions of this ITB, revisions will be provided in the form of an Addendum. If revisions are made after any mandatory Pre-Bid conference, the revisions will be provided only to those Contractors who will have attended the Pre-Bid conference.

Addendum information is available over the internet at www.DemandStar.com. Adobe Acrobat® Reader may be required to view this document. We strongly suggest that you check for any addendum a minimum of forty-eight (48) hours in advance of the bid deadline.

APPLICABLE CODES AND ORDINANCES:
Contractor hereby certifies that all materials used conform to all articles and sections of all current applicable National Building Codes and other relevant construction-related codes. Workmanship and materials shall conform to all local applicable codes and ordinances.

CHANGES:
The County of DuPage reserves the right to make any desired change in the specifications after the same shall have been put under contract; but the change so made, with the price to be added or deducted from the contract price, therefore, shall be agreed upon in advance between County of DuPage and the successful Contractor.

Illinois law requires that changes in excess of $10,000 or extensions greater than thirty (30) days must comply with the Criminal Code. The Procurement Services Division shall issue to the successful contractor a written change order to the original contract; such change orders shall be binding upon both parties thereto and shall in no way invalidate or make void the terms of the original contract not modified by such change.

COMMENCEMENT OF WORK:
The successful Contractor must not commence any billable work prior to the County's execution of the contract or until any required documents have been submitted. Work done prior to these circumstances shall be at the Contractor's risk.

COMMUNICATIONS:
In an effort to create a more competitive and unbiased procurement process, the County desires to establish a single point of contact throughout the procurement process. From the issue date of this solicitation, until a contract has been awarded, all requests for clarification or additional information regarding this solicitation, or contact with the County personnel concerning this solicitation or the evaluation process, must be solely to the contact person listed on the cover page of this solicitation.

No contact regarding this document with other County employees or officers is permitted unless expressly authorized by the Buyer issuing the solicitation. A violation of this provision is cause for the County to reject the Bidder's proposal. If it is later discovered that a violation has occurred, the County may reject any proposal or terminate any contract awarded pursuant to this solicitation.

CONFIDENTIAL INFORMATION AND COUNTY PROPERTY:
It is agreed that any and all specifications, drawings, or data furnished by County of DuPage shall (1) remain the County of DuPage's sole and exclusive property; (2) be considered and treated by Contractor as County of DuPage's confidential information, and not be copied, reproduced or duplicated in any manner or disclosed to any person or party, except as is necessary in the performance of this contract and (3) be returned upon request.

CONTRACTOR PERFORMANCE:
The Instructions to Bidders, Bid Form, General Conditions, Special Conditions, Contract Specifications and Attached Exhibits, together with the approved purchase order shall be incorporated in and become terms of the Contract. All items shall be supplied in strict accordance with the specifications. The Contractor's performance under the terms of the Contract shall be to the satisfaction of the County. Failure to comply with any statutory requirements shall be deemed a performance breach.

DISCIPLINE:
Nothing herein shall be construed to imply that the County of DuPage is retaining control over the operative details of the Contractor's work or the Subcontractor's employee's work. The Contractor is assuming all oversight, and the Contractor is ensuring compliance with safety guidelines.

DRUG FREE WORKPLACE:
The Contractor (whether an individual or company) agrees to provide a drug free workplace as provided for in 30 ILCS 580/1 et seq.

ENDORSEMENTS:
Contractor shall not us the name, seal or images of County of DuPage in any form of endorsement to any third-party without the County's written permission.

F.O.B.:
All goods are to be shipped prepaid, F.O.B. delivered. The total price quoted by the Bidder must be the total cost delivered to the location(s) stated. Bidder must not qualify his bid by stating a F.O.B. location other than such stated location(s). Shipments sent C.O.D. without County of DuPage's written consent will not be accepted and will at Contractor's risk and expense, be returned to Contractor. Unauthorized shipments are subject to rejection and return at Contractor's expense.

FORCE MAJEURE:
The County of DuPage shall not hold Contractor liable for an extraordinary interruption of events, or damage of County property, by a natural cause that cannot be reasonably foreseen or prevented; i.e., droughts, floods, severe weather phenomena, et cetera.

HOLDING OF BIDS:
Bidder may withdraw the bid at any time prior to the time specified as the closing time for the receipt of bids. However, no Bidder shall withdraw or cancel the bid for a period of ninety (90) calendar days after said closing time for the receipt of bids. Unauthorized withdrawal may result in forfeiture of the bid bond, or if no bid bond is required, the withdrawing Bidder shall pay the sum of $1,000.00 as liquidated damages for the County's loss in re-bidding.

INDEMNITY:
The Contractor shall, at all times, to the extent permitted by law, fully indemnify, hold harmless, and defend the County and its officers, agents, and employees from and against any and all claims and demands, actions, causes of action, and cost and fees of any character whatsoever made by anyone whomsoever on account of or in any way growing out of the performance of this contract by the Contractor and its employees, or because of any act or omission, neglect or misconduct of the Contractor, its employees and agents or its subcontractors including, but not limited to, any claims that may be made by the employees themselves for injuries to their person or property or otherwise, and any claims that may be made by the employees themselves or by the Illinois Department of Labor for the Contractor's violation of the Illinois Prevailing Wage act (820 ILCS 130/1 et seq.).

Such Indemnity shall not be limited by reason of the enumeration of any insurance coverage or bond herein provided.

Nothing contained herein shall be construed as prohibiting the County, its officers, agents, or its employees, from defending through the selection and use of their own agents, attorneys and experts, any claims, actions or suits brought against them. The Contractor shall likewise be liable for the cost, fees and expenses incurred in the County's or the Contractor's defense of any such claims, actions, or suits.
The Contractor shall be responsible for any damages incurred as a result of its errors, omissions or negligent acts and for any losses or costs to repair or remedy construction as a result of its errors, omissions or negligent acts.

The County does not waive its defenses or immunities under the Local Government and Governmental Employees Tort Immunity Act, 745 ILCS 10/1 et seq. by reason of indemnification or insurance.
LAW GOVERNING:
The ITB and resulting contract shall be governed by the laws of Illinois. Bidder agrees to comply with all applicable State and Federal laws.

LIENS, CLAIMS, AND ENCUMBRANCES:
Contractor warrants and represents that all the goods and materials ordered herein are free and clear of all liens, claims, or encumbrances of any kind.

LOBBYIST REGISTRATION:
Bidder shall comply with the provisions of Chapter 2, Article IX, Section 2-600, Lobbyist Registration of the Code of DuPage County, Illinois.

MSDS:
When applicable, Contractor shall furnish Material Safety Data Sheets for their products, in compliance with the Illinois Toxic Substance Disclosure to Employee Act and the "Right-to-Know" law, 820 ILCS 220/0.01 and 820 ILCS 225/0.1. Material Safety Data Sheets, upon award of Contract, shall be submitted to the County Procurement Services Division.

MISCELLANEOUS REQUIREMENTS:
The County will not be responsible for any expenses incurred by the Contractor in preparing and submitting a Bid. All Bids shall provide a straightforward, concise delineation of your capabilities to satisfy the requirements of this request. Emphasis should be on completeness and clarity of content.

NON-DISCRIMINATING:
The Contractor, its employees and subcontractors, agree not to commit unlawful discrimination and agree to comply with applicable provisions of the Illinois Human Rights Act, the U.S. Civil Rights Act and Section 504 of the Federal Rehabilitation Act, and rules applicable to each.

PATENTS:
Contractor undertakes and agrees to defend at Contractor's own expense all suits, actions, or proceedings in which the County of DuPage, its Officers, agents or employees are made defendants for actual or alleged infringement of any U.S. or foreign letters patent resulting from the use or sale of the items purchased hereunder. Contractor shall inform the County of DuPage whenever infringement will result from Contractor's adherence to specifications supplied by the County of DuPage or by an authorized County representative. Contractor further agrees to pay and discharge any and all judgments or decrees, which may be rendered in any such suit, action or proceedings against the County of DuPage, its Officers, agents or employees therein.

PAYMENT:
Original invoices must be presented for payment in accordance with instructions contained on the Purchase Order including reference to Purchase Order number and submitted to the correct address for processing. The County shall pay all invoices pursuant to 50 ILCS 505, "Local Government Prompt Payment Act". Invoices containing charges for work subject to the Illinois Prevailing Wage Act (820 ILCS 130/) are required to be accompanied by the applicable Certified Transcript of Payroll form(s) for acceptance. Payment will not be made on invoices submitted later than six-months (180 days) after delivery of goods and any statute of limitations to the contrary is hereby waived

PROTEST:
No protest shall be based on a matter or issue which could have been raised as an exception prior to bid opening. Any protest concerning the award of a contract shall be decided by the Procurement Officer. Protests shall be made in writing to the Procurement Services Division and shall be filed within seven (7) business days of final approval and acceptance of the bid by the County Board. A protest is considered filed when received by the Procurement Services Division. The written protest shall include the name and address of the protestor, the ITB number, a statement of the specific reasons for the protest and supporting exhibits. The procurement Officer will respond to the written protest within five (5) days. The Procurement Officer's decision relative to the protest shall be final. Upon receipt of a protest the County may, but is not required to, delay its order under the awarded contract.

RESERVATION OF RIGHTS:
The County of DuPage reserves the right to reject any or all bids failing to meet the County's specifications or requirements and to waive technicalities. If in the County of DuPage's opinion, the lowest bid is not the most responsible bid, considering value received for monies expended, the right is reserved to make awards as determined solely by the judgment of the County of DuPage. In determining the lowest responsible bidder, the County shall take into consideration the qualities of the articles supplied, their conformity with the specifications, and their suitability to the requirements of the County and the delivery terms. Intangible factors, such as the Bidder's reputation and past performance, will also be weighed.

The Bidder's failure to meet the mandatory requirements of the ITB will result in the disqualification of the bid from further consideration.

The County further reserves the right to reject all bids and obtain goods or services through intergovernmental or cooperative agreements, or to issue a new and revised ITB.

Submission of a bid confers no rights on the Contractor to a selection or to a subsequent contract. All decisions on compliance, evaluation, terms and conditions shall be made solely at the County's discretion and shall be made in the best interest of the County.

TAX:
The County of DuPage does not pay Federal Excise Tax or Illinois Sales Tax. The tax exemption number is E9997-4551-07. A copy of the exemption letter is available upon written request.

TERMINATION, CANCELLATION AND DAMAGES:
This contract may be terminated upon mutual agreement of both parties.

The County may terminate based on the Contractor's breach or default. Unless the breach or default creates an emergency situation, as determined in the County's sole discretion, the Contractor shall be given notice and a five (5) day opportunity to correct before the termination becomes effective.

If the County terminates this Contract because of the Contractor's breach or default, the County shall have the right to purchase items or services elsewhere and to charge the Contractor with any additional cost incurred, including but not limited to the cost of cover, incidental and consequential damages and the cost of re-bidding. The County may offset these additional costs against any sums otherwise due to the Contractor under this bid or any unrelated contract.

If the County of DuPage fails to appropriate funds to enable continued payment of multi-year Contracts the County may cancel, without termination charges, provided Contractor received at least thirty (30) days prior written notice of termination.

TRANSFER OF OWNERSHIP OR ASSIGNMENT:
The terms and conditions of this contract shall be binding upon and shall ensure to the benefit of the parties hereto and their respective successors and assigns. Prior to any sales or assignments the County of DuPage must be notified and approve the same in writing.

VENUE:
By submitting a response, bidder agrees that venue for all disputes arising out of the solicitation process, including but not limited to judicial review of any protest decision, will be exclusively in the circuit court for the Eighteenth Judicial Circuit in DuPage County, Illinois and that Illinois law will control.

WARRANTY:
Complete warranty information detailing period and coverage must be submitted.

END OF GENERAL CONDITIONS

SPECIAL CONDITIONS

ACCURACY DISCLAIMER:
The Contractor shall thoroughly acquaint himself with the sites for the proposed bid to fully understand the facilities, difficulties and restrictions attending to the execution of the bid. The Contractor will be allowed no additional compensation for his failure to be so informed.

JOINT PURCHASING:
OTHER TAXING BODIES: Based on County Board Resolution IR-084-76.

Would your firm be willing to extend your bid to other taxing bodies in DuPage County such as school districts, townships, cities and villages, etc.? The approximate quantity usage is unknown.

YES__X_____ NO_____

State any other requirements that they would have to meet beyond that of our Bid invitation and specification.

None

NOTE: The County of DuPage would not be involved in purchasing by any other taxing body other than to receive a copy of their purchase order that would reference the County of DuPage contract number. The invoicing and payments would be entirely between the other taxing bodies and the Contractor. If the County of DuPage accepts this bid, the procedure to handle joint purchases would be developed by the County of DuPage with the Contractor and distributed to the taxing bodies by the County of DuPage.

END OF SPECIAL CONDITIONS

INSURANCE REQUIREMENTS

Upon notice of acceptance of proposal, the successful bidder shall, within thirty (30) calendar days of said notice, furnish to the Purchasing Agent a certificate of Insurance and provide policy endorsements evidencing specific coverage of the types of insurance in the amounts specified below. Such coverage shall be placed with a responsible company acceptable to the County licensed to do business in the State of Illinois, and with a minimum insurance rating of A:VII as found in the current edition of A M Best's Key Rating Guide. All required insurance shall be maintained by the contractor in full force and effect during the life of the contract, and until such time as all work has been approved and accepted by the County. The Contractor is responsible for all insurance deductibles and Self-Insured Retentions.

	TYPE OF INSURANCE	MINIMUM ACCEPTABLE LIMITS OF LIABILITY
1.	**Workers Compensation**	Statutory
2.	**Employers Liability**	
	A. Each Accident	$1,000,000
	B. Each Employee-disease	$1,000,000
	C. Policy Aggregate-disease	$1,000,000
3.	****Commercial General Liability ******	
	A. Per Occurrence	$2,000,000
	B. General Aggregate	
	1. General Aggregate- Per project	$2,000,000
	2. General Aggregate - Products/ Completed Operations	$2,000,000
4.	**** Business Auto Liability ******	$1,000,000

AGREEMENT. The service provider shall provide the COUNTY endorsements at the beginning of each year evidencing same.

If any policy or coverage is written as "claims made" then coverage must be maintained for 4 years after project completion.

At all times during the term of the contract, the Contractor and its independent contractors shall maintain, at their sole expense, insurance coverage for the Contractor, its employees, officers and independent contractors, as follows:

NOTE:
- A) It is the responsibility of Contractor to provide a copy of this PROPOSAL to their insurance carrier.
- B) It may also be required that the Contractor's insurer and coverage be approved by County prior to execution of the Contract.
- C) No work shall be started until receipt of Certificate of Insurance.

The County of DuPage shall be named as additionally insured on all certificates of insurance. Insurance certificates shall also reference project name and BID NUMBER. Certificates should be faxed (and hard copy mailed) to:

DuPage County Procurement Services Division
David Williams, Buyer
421 North County Farm Road
Wheaton, IL 60187-3978
Telephone: (630) 407-6190
FX: (630) 407-6201

The insurance carrier of the insured is required to notify the County of DuPage of termination of any or all of these coverages, prior to the completion of any contract, at least 30 days prior to expiration.

CHANGES IN INSURANCE COVERAGE

The Contractor will immediately notify the County if any insurance has been cancelled, materially changed, or renewal has been refused and the Contractor shall immediately suspend all work in progress and take the necessary steps to purchase, maintain and provide the required insurance coverage(s) and limits. If suspension of work should occur due to insurance requirements, upon verification by the County of the required insurance the County will notify Contractor when they can proceed with the work. Failure to provide and maintain the required insurance coverage(s) and limits could result in immediate cancellation of the contract and the Contractor shall accept and bear all costs that may result due to the Contractors failure to provide and maintain the required insurance.

INSURANCE RATING:

All of the above-specified types of insurance shall be obtained from companies that have at least an A-VII rating in Best's Guide or the equivalent.

SURVIVAL OF INDEMNIFICATION:
The indemnification described above shall not be limited by reason of the enumeration of any insurance coverage herein provided, and indemnification shall survive the termination of the Contract.

NOTICE OF LAWSUIT:
Within 5 days of service of process, the County shall notify the Contractor of any lawsuit involving the indemnification provided for above. Failure to provide such notice shall not relieve the Contractor of its obligation to provide indemnification. However, the County shall be responsible for any additional costs of defense incurred due to their failure to provide such notice within 60 days.

CHOICE OF LEGAL COUNSEL:
The Contractor shall provide coverage as provided in the contract, if the County, an Employee, or Elected Official is named in a lawsuit then the County retains the right to choose legal counsel subject to the approval of the County and appointment by the State's Attorney of DuPage County.

RIGHTS RETAINED:
Notwithstanding the foregoing, nothing contained herein shall be deemed to constitute a waiver of any defenses or immunities otherwise available to the County.

END OF INSURANCE REQUIREMENTS

SPECIFICATIONS

This bid is to furnish bituminous paving materials for the period April 1, 2019 through March 31, 2020. Orders will be placed on an "as needed" basis.

MATERIALS:
The materials furnished under this proposal shall meet the applicable provisions of Sections 1030 and 1032 of the Standard Specifications for Road and Bridge Construction, adopted April1, 2016, and any subsequent revisions thereafter.

QUANTITIES:
The material shall be loaded into County trucks at the plant site in a minimum quantity of (1) one ton per truck.

Quantities shown are approximate, and are intended only to establish unit prices. The County reserves the right to increase or decrease the quantity shown by any amount, and to purchase the materials from any or all bidders at the quoted unit price.

PRICES:
Prices shall remain firm for one (1) year from date of award.

Unit prices quoted shall be F.O.B. County trucks at the plant sites indicated by bidder on the Schedule of Prices.

CONTRACT TERM & RENEWAL:
This contract shall be effective for a one year period from date of award. The contract shall be subject to three (3) additional twelve (12) month renewal periods provided there is no change in the terms, conditions, specifications and prices and provided that such renewals are mutually agreed to by both parties. In no event shall the term plus renewals exceed four (4) years.

SMP
Cold Patch Specifications

The patching material shall be composed of a suitable aggregate, plant-mixed with SMP. The bituminous material shall be available in various grades so that one such grade will enable a stockpile to remain pliable and workable at a temperature of –15 degrees F. The patching material shall be capable of maintaining adhesive qualities in patched areas, which are damp at time of application, and after remaining in an uncovered stockpile for up to 6 months.

MATERIALS

Preproduction Aggregate: Will consist of a crushed limestone or approved equal, complying with the requirements of ASTM C-136 for stone size #89 or #9 in the following manner:

#9 % Passing	Sieve Size (Metric)	#89 % Passing
100	3/8 inch (9.5-mm)	90 -100
85-100	Number 4 (4.75-mm)	20 - 55
10-40	Number 8 (2.36-mm)	5 - 30
0-10	Number 16 (1.18-mm)	0 -10
0-5	Number 50 (300-mm)	0 - 5

ASTM C-88	Soundness Loss (Soldium-5 Cycles):	12.0% Maximum
ASTM C-131	Los Angeles Abrasion Loss:	40.0% Maximum
ASTM C-117	-200 Sieve (By Wash):	2.0% Maximum
ASTM C-127, 128	Absorption:	1.0% - 2.5%
ASTM C-127, 128	Specific Gravity	2.55 - 2.75
	Other Deleterious Matter	
ASTM C-123	Soft Pieces	3.0% Maximum
ASTM C-295	Coal and Lignite	1.0% Maximum
ASTM C-142	Shale, Chert, Shady Material, etc.	2.5% Maximum

Bituminous Material: The bituminous material shall be SMP. It shall meet the following requirements:

ASTM D-1310 Minimum	Flash Point (Tag Open Cup)	200 F
ASTM D-2170	Kinematic Viscosity at 60 C (140° F)	300-4000 cst
ASTM – D95 Maximum	Water	0.2%
ASTM D-402	Distillate Test (Volume of original Sample):	
	to 225 degrees C (437° F)	None
	to 260 degrees C (500° F)	0-5%
	to 315 degrees C (600° F)	0-25%
	Residue from distillate at 360° C (680° F)	72 – 95%
	Tests on Residue from Distillation:	
ASTM D-2171 Poises	Absolute Viscosity at 60 degrees C (140° F)	125 – 425
ASTM D-5	Penetration	200 Minimum
ASTM D-113	Ductility at 4 degrees C (39° F), 1 cm/min	100 Minimum
ASTM D-2042	Solubility in Trichloroethylene	99.0% Minim

SMP

Cold Patch Specifications

COMPOSITION OF MIXTURE

The mixture shall consist of an aggregate and a bituminous material conforming to the above, mixed in such a manor as to contain 120 lbs. of bituminous material per finished ton (6.00%).

The approved formula shall have an allowable variation of not more than the following minimum and maximum ranges:

	Minimum	Maximum
Job Mix Formula	5.5% (110 lbs/ton)	6.5% (130 lbs/ton)
By Extraction	3.5%	7.0%

PREPARATION OF MIXTURE

It may be necessary to heat approved aggregates. When heat is applied, the mixture temperature SHOULD NOT EXCEED 170 DEGREES F.

The asphalt shall be heated to a temperature between 150 and 225 degrees F in accordance with the instructions of a Seneca Petroleum Company representative.

The mixture shall be mixed until all of the aggregates are uniformly coated.

PLANTS AND EQUIPMENT

Storage facilities and all equipment used in the preparation of the mixture shall be approved by the appropriate local governing agency. An approved drier shall be available for surface drying the aggregate when needed. The materials for individual batches shall be measured accurately either by volume or by weight, by approved methods and equipment.

A batch type mixer of approved design and capacity shall be used in mixing the ingredient materials. However, approval for the use of a continuous mixer of portable pug mill may be given if it can be shown that satisfactory results will be obtained.

STRIPPING TEST

Immediately after mixing, the mixture shall meet the requirements of ASSHTO T-182, whereby not more than 5% of the aggregate particles shall remain uncoated.

HANDLING PRECAUTIONS

During the production of SMP Cold Patch, and the production of handling of SMP liquid Asphalt Blend, normal industry-wide safety precautions such as the prohibition of smoking, and any other source of ignition, spark, or open flame, shall be strictly enforced in the vicinity of such operations.

P/8 2

Vendors with multiple locations must provide an address, contact and phone number for each yard, where indicated.

Items	Delivery	Unit	Quantity	Unit Price	Total
Plant Location					
Hma Surface Course, Mix D, N70	Fob Plant	Ton	100	$ 57.00	$ 5700.00
Hma Surface Course, Mix D, N50	Fob Plant	Ton	1100	$ 57.00	$ 62700.00
Hma Binder Course, Il-19, N70	Fob Plant	Ton	100	$ 51.00	$ 5100.00
Hma Binder Course, Il-19, N50	Fob Plant	Ton	900	$ 51.00	$ 45900.00
Polymerized Hma Surface Course, Mix E, N70	Fob Plant	Ton	30	$ 100.00	$ 3000.00
Driveway/Private Mix*	Fob Plant	Ton	30	$ 53.00	$ 1590.00
Ss-1 Asphalt Emulsion	Fob Plant	5 Gal Pails	10 Pails	$ 38.00	$ 380.00
58-28 Liquid Asphalt	Fob Plant	5 Gal Pails	30 Pails	$ No Bid	$ —
Smp Cold Patch (See Attached Specifications)	Fob Plant	Ton	100	$ No Bid	$ —
Dumping Of Asphalt Grindings And Clean Concrete **	FOB PLANT	TON	400	$ N/C	$ —
Dumping Of Broken Asphalt	FOB PLANT	TON	400	$ N/C	$ —
				Total:	$ 124,370.00

PLANT LOCATION:	
ADDRESS:	1555 W. Washington, West Chicago, IL
CONTACT:	Tom Murphy
PHONE NUMBER:	630-293-5570

PLANT LOCATION:	
ADDRESS:	2200 Graham St., Bartlett, IL
CONTACT:	Dan Mateja
PHONE NUMBER:	630-289-6080

PLANT LOCATION:	
ADDRESS:	
CONTACT:	
PHONE NUMBER:	

CONTRACT ADMINISTRATION INFORMATION:

CORRESPONDENCE TO CONTRACTOR:		REMIT TO CONTRACTOR:	
NAME	Plote Construction Inc.	NAME	
CONTACT	Dave Verdico	CONTACT	
ADDRESS	1100 Brandt Drive	ADDRESS	
CITY ST ZIP	Hoffman Estates, IL 60192	CITY ST ZIP	
Telephone	847-695-9300	Telephone	
FX	847-695-9317	FX	
EMAIL	bids@plote.com	EMAIL	

COUNTY BILL TO INFORMATION:	COUNTY SHIP TO INFORMATION:
DuPage County Division of Transportation Attn: Kathy Black 421 North County Farm Road Wheaton, IL 60187 Telephone: (630) 407-6892	DuPage County Division of Transportation Sign Shop Attn: Darcie Garza 140 North County Farm Road Wheaton, IL 60187 Telephone: (630) 407-6906

DUPAGE COUNTY PUBLIC WORKS BILL TO INFORMATION:	DUPAGE COUNTY PUBLIC WORKS SHIP TO INFORMATION:
Attn: Magda Leonida-Padilla 7900 S Rt. 53 Woodridge, IL 60517 Telephone: (630) 985-7400	Attn: Duane Kozak 7900 S Rt. 53 Woodridge, IL 60517 Telephone: (630) 985-7400

DUPAGE COUNTY FACILITIES MANAGEMENT BILL TO INFORMATION:	DUPAGE COUNTY FACILITIES MANAGEMENT SHIP TO INFORMATION:
Attn: Mary Ventrella 421 N. County Farm Road, Wheaton, IL 60187 Telephone: (630) 407-5700	Attn: Mary Ventrella 421 N. County Farm Road, Wheaton, IL 60187 Telephone: (630) 407-5700

FOREST PRESERVE DISTRICT OF DUPAGE COUNTY BILL TO INFORMATION:	FOREST PRESERVE DISTRICT OF DUPAGE COUNTY SHIP TO INFORMATION:
Attn: Carla Soria 3S580 Naperville Rd, Wheaton, IL 60189 Telephone: (630) 933-7200	Attn: Carla Soria PO BOX 5000 Wheaton, IL 60189 Telephone: (630) 933-7200

DUPAGE COUNTY STORMWATER BILL TO INFORMATION:	DUPAGE COUNTY STORMWATER SHIP TO INFORMATION:
Attn: Jamie Lock 421 N. County Farm Road Wheaton, IL 60187 Telephone: 630-407-6705	Attn: Brian Borowiak 17w440 N Frontage Road Darien, IL 60561 Telephone: 630-327-5838

All unit prices shall be F.O.B. Delivered County trucks at the plant sites indicated by bidder on the schedule of prices (Freight included in price).

#19-014-DOT BID FORM

(PLEASE TYPE OR PRINT THE FOLLOWING INFORMATION)

Full Name of Bidder	Plote Construction Inc.
Main Business Address	1100 Brandt Dr.
City, State, Zip Code	Hoffman Estates, IL 60192
Telephone Number	847-695-9300
Fax Number	847-695-9317
Bid Contact Person	Dave Verdico
Email Address	dverdico@plote.com

TO: The DuPage County Procurement Services Division

The undersigned certifies that he is:

☐ the Owner/Sole Proprietor ☐ a Member of the Partnership ☒ an Officer of the Corporation ☐ a Member of the Joint Venture

herein after called the Bidder and that the members of the Partnership or Officers of the Corporation are as follows:

Daniel R. Plote
(President or Partner)

(Vice-President or Partner)

Janice R. Plote
(Secretary or Partner)

Janice R. Plote
(Treasurer or Partner)

Further, the undersigned declares that the only person or parties interested in this bid as principals are those named herein; that this bid is made without collusion with any other person, firm or corporation; that he has fully examined the proposed forms of agreement and the contract specifications for the above designated purchase, all of which are on file in the office of the Procurement Manager, DuPage Center, 421 North County Farm Road, Wheaton, Illinois 60187, and all other documents referred to or mentioned in the contract documents, specifications and attached exhibits, including Addenda No. _____, _____, and _____ issued thereto;

Further, the undersigned proposes and agrees, if this bid is accepted, to provide all necessary machinery, tools, apparatus and other means of construction, including transportation services necessary to furnish all the materials and equipment specified or referred to in the contract documents in the manner and time therein prescribed.

Further, the undersigned certifies and warrants that he is duly authorized to execute this certification/affidavit on behalf of the Bidder and in accordance with the Partnership Agreement or by-laws of the Corporation, and the laws of the State of Illinois and that this Certification is binding upon the Bidder and is true and accurate.

Further, the undersigned certifies that the Bidder is not barred from bidding on this contract as a result of a violation of either 720 Illinois Compiled Statutes 5/33 E-3 or 5/33E-4, bid rigging or bid-rotating or as a result of a violation of 820 ILCS 130/1 et seq., the Illinois Prevailing Wage Act.

The undersigned certifies that he has examined and carefully prepared this bid and has checked the same in detail before submitting this bid, and that the statements contained herein are true and correct.

If a Corporation, the undersigned further certifies that the recitals and resolutions attached hereto and made a part hereof were properly adopted by the Board of Directors of the Corporation at a meeting of said Board of Directors duly called and held and have not been repealed, nor modified and that the same remain in full force and effect. *(Bidder may be requested to provide a copy of the corporate resolution granting the individual executing the contract documents authority to do so.)*

Further, the bidder certifies that he has provided equipment; supplies or services comparable to the items specified in this contract to the parties listed in the reference section below and authorizes the County to verify references of business and credit at its option.

Finally, the Bidder, if awarded the contract, agrees to do all other things required by the contract documents, and that he will take in full payment therefore the sums set forth in the bidding schedule.

BID AWARD CRITERIA:
Purchase orders for road materials are typically awarded to multiple vendors by multiple departments. The amount of the purchase order awarded to each vendor, as well as the decision to use a certain vendor on a given day considers the following primary factors.

- Material Cost
- Distance From Plant To Job Site
- Material Availability
- Travel Time From Plant To Job Site

Where unit prices are requested, the quantities stated are approximate only but will be used to determine bid award (See Preparation of Bids Section)

TOTAL BID AMOUNT: $ 124,370.00
Total (in figures)

One Hundred Twenty Four Thousand Three Hundred Seventy Dollars and Zero Cents.
(Print or Type)

X
(Signature and Title) William T. Madden, Asst. Secretary

CORPORATE SEAL
(If available)

BID MUST BE SIGNED AND NOTARIZED FOR CONSIDERATION

Subscribed and sworn to before me this 5th day of March AD, 20 19

Anna Kushlakus My Commission Expires: 10-19-2021
(Notary Pub

ANNA MARIA KUSHLAKUS
Official Seal
Notary Public – State of Illinois
My Commission Expires Oct 19, 2021

VENDOR ETHICS DISCLOSURE

The Vendor Ethics Disclosure Statement can be found on the next page and on the County's Internet site under Contractor Forms in the Procurement section. The most current version of the form should always be utilized. There is also another form for additional pages; all pages are Adobe fillable forms.

Continuing Disclosure: It is the contractor/vendor's responsibility to update contribution information on an ongoing basis during the life of the contract. The vendor is required to submit an updated Ethics Disclosure Statement to the user department any time contributions are made to the Chairman or County Board Members subsequent to the most recent authorized contract action.

Failure to Comply: Failure to provide the requested information will at minimum delay awarding of the contract and could result in the selected vendor being disqualified as non-responsive and non-responsible.

Providing fraudulent information on the Vendor Ethics Disclosure Statement may result in a Class 3 Felony.

Contribution: A gift, subscription, dues, loan, advance, or deposit of money or anything of value, including services, knowingly received in connection with the nomination for election or election of any person to County office.

Multi-year contracts: Those contracts with a duration greater than 12 months require annual updates, to be filed by the vendor with the user department and forwarded to Procurement. The reporting period should be the current and previous calendar years.

Prohibited Source: Any person or entity who (i) is seeking official action by the Chairman, County Board member or in the case of an employee, by the employee or by the Chairman or County Board member, or another employee directing that employee; (ii) does business or seeks to do business with the Chairman, County Board member, or employee (iii) conducts activities regulated by the Chairman, County Board member, or employee (iv) has interests that may be substantially affected by the performance or non-performance of the official duties of the Chairman, County Board member, or employee (v) is registered or required to be registered with the Secretary of State under the Lobbyist Registration Act or the DuPage County Lobbyist Registration Act, except that an entity not otherwise a prohibited source does not become a prohibited source merely because a registered lobbyist is one of its member or serves on its board of directors (vi) is a Political Action Committee to which a prohibited source has been contributed.

Required Vendor Ethics Disclosure Statement

Failure to complete and return this form may result in delay or cancellation of the County's Contractural Obligation.

Date: 3/5/19

Bid/Contract/PO #: #19-014-DOT

Company Name:	Plote Construction Inc.	Company Contact:	Dave Verdico
Contact Phone:	847-695-9300	Contact Email:	bids@plote.com

The DuPage County Procurement Ordinance requires the following written disclosures prior to award:

1. Every contractor, union, or vendor that is seeking or has previously obtained a contract, change orders to one (1) or more contracts, or two (2) or more individual contracts with the county resulting in an aggregate amount at or in excess of $25,000, shall provide to Procurement Services Division a written disclosure of all political campaign contributions made by such contractor, union, or vendor within the current and previous calendar year to any incumbent county board member, county board chairman, or countywide elected official whose office the contract to be awarded will benefit. The contractor, union or vendor shall update such disclosure annually during the term of a multi-year contract and prior to any change order or renewal requiring approval by the county board. For purposes of this disclosure requirement, "contractor or vendor" includes owners, officers, managers, lobbyists, agents, consultants, bond counsel and underwriters counsel, subcontractors and corporate entities under the control of the contracting person, and political action committees to which the contracting person has made contributions

☐ **NONE (check here) - If no contributions have been made**

Add Line	Recipient	Donor	Description (e.g. cash, type of item, in-kind services, etc.)	Amount/Value	Date Made
x	Dan Cronin	Plote Construction Inc.	Ad Book	200.00	Feb 2019
x	Dan Cronin	Plote Construction Inc.	Ad Book	1,000.00	Mar 2018

2. All contractors and vendors who have obtained or are seeking contracts with the county shall disclose the names and contact information of their lobbyists, agents and representatives and all individuals who are or will be having contact with county officers or employees in relation to the contractor bid and shall update such disclosure with any changes that may occur.

☒ **NONE (check here) - If no contacts have been made**

Add Line	Lobbyists, Agents and Representatives and all individuals who are or will be having contact with county officers or employees in relation to the contract or bid	Telephone	Email
x	None		
x			

A contractor or vendor that knowingly violates these disclosure requirements is subject to penalties which may include, but are not limited to, the immediate cancellation of the contract and possible disbarment from future county contracts.

Continuing disclosure is required, and I agree to update this disclosure form as follows:

- If information changes, within five (5) days of change, or prior to county action, whichever is sooner
- 30 days prior to the optional renewal of any contract
- Annual disclosure for multi-year contracts on the anniversary of said contract
- With any request for change order except those issued by the county for administrative adjustments

The full text for the county's ethics and procurement policies and ordinances are available at:
http://www.dupageco.org/CountyBoard/Policies/

I hereby acknowledge that I have received, have read, and understand these requirements.

Authorized Signature

Printed Name William T. Madden

Title Asst. Secretary

Date 3/5/19

Attach additional sheets if necessary. Sign each sheet and number each page. Page of (total number of pages)

FORM OPTIMIZED FOR ACROBAT AND ADOBE READER VERSION 9 OR LATER

Rev 1.1
4/1/16

Form **W-9**
(Rev. October 2018)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

▶ Go to www.irs.gov/FormW9 for instructions and the latest information.

Give Form to the requester. Do not send to the IRS.

Print or type. See Specific Instructions on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.
Plote Construction Inc.

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.

☐ Individual/sole proprietor or single-member LLC ☐ C Corporation [X] S Corporation ☐ Partnership ☐ Trust/estate

☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶

Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

☐ Other (see instructions) ▶

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any)

Exemption from FATCA reporting code (if any)

(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions.
1100 Brandt Drive

Requester's name and address (optional)

6 City, state, and ZIP code
Hoffman Estates, IL 60192

7 List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number
☐☐☐ – ☐☐ – ☐☐☐☐

or

Employer identification number
36 – 2814492

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here Signature of U.S. person ▶ [signature] Date ▶ 3/5/19

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to *www.irs.gov/FormW9*.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

Cat. No. 10231X Form **W-9** (Rev. 10-2018)

REFERENCES

The bidder must list at least three (3) references, listing firm name, address, telephone number and contact person to whom they have provided similar equipment, material or services for a period of not less than six (6) months. Additional references may be required.

COMPANY NAME:	Village of Streamwood
ADDRESS:	301 E. Irving Park Rd.
	Streamwood, IL 60107
CONTACT PERSON:	Matt Mann
TELEPHONE NUMBER:	630-736-3850

COMPANY NAME:	City of St. Charles
ADDRESS:	2 E. Main St.
	St. Charles, IL 60174
CONTACT PERSON:	Mark Koenen
TELEPHONE NUMBER:	630-377-6978

COMPANY NAME:	Village of Bartlett
ADDRESS:	228 S. Main St.
	Bartlett, IL 60103
CONTACT PERSON:	Paul Kuester
TELEPHONE NUMBER:	630-837-0811

COMPANY NAME:	Village of Hanover Park
ADDRESS:	2121 W. Lake St.
	Hanover Park, IL60133
CONTACT PERSON:	Howard Killian
TELEPHONE NUMBER:	630-372-4441

Illinois Department of Transportation

Certificate of Eligibility

Plote Construction, Inc.
1100 Brandt Drive HOFFMAN ESTATES, IL 60192

Contractor No 4813
(1st Revision)

WHO HAS FILED WITH THE DEPARTMENT AN APPLICATION FOR PREQUALIFICATION STATEMENT OF EXPERIENCE, EQUIPMENT AND FINANCIAL CONDITION IS HEREBY QUALIFIED TO BID AT ANY OF DEPARTMENT OF TRANSPORTATION LETTINGS IN THE CLASSES OF WORK AND WITHIN THE AMOUNT AND OTHER LIMITATIONS OF EACH CLASSIFICATION, AS LISTED BELOW, FOR SUCH PERIOD AS THE UNCOMPLETED WORK FROM ALL SOURCES DOES NOT EXCEED SUPER UNLIMITED

001	EARTHWORK	Unlimited
002	PCC PAVING	Unlimited
003	HMA PLANT MIX	Unlimited
012	DRAINAGE	$4,775,000
017	CONCRETE CONSTRUCTION	$12,675,000
032	COLD MILL,PLAN. & ROTOMILL	$21,350,000
08A	AGGREGATE BASES & SURF. (A)	$20,125,000
15A	COVER & SEAL COATS (A)	$1,075,000

THIS CERTIFICATE OF ELIGIBILITY IS VALID FROM 5/11/2018 TO 4/30/2019 INCLUSIVE, AND SUPERSEDES ANY CERTIFICATE PREVIOUSLY ISSUED, BUT IS SUBJECT TO REVISION OR REVOCATION, IF AND WHEN CHANGES IN THE FINANCIAL CONDITION OF THE CONTRACTING FIRM OR OTHER FACTS JUSTIFY SUCH REVISIONS OR REVOCATION.
ISSUED AT SPRINGFIELD, ILLINOIS ON 5/11/2018.

Tim Kell
Engineer of Construction

IL 494-0645

SAMPLE

CONTRACT AGREEMENT

CONTRACT # **19-014-DOT** BETWEEN [CONTRACTOR] AND THE COUNTY OF DUPAGE

THIS AGREEMENT is entered into this _____ day of _____, 20__, between the County of DuPage, Illinois a body corporate and politic, located at 421 North County Farm Road, Illinois, 60187-3978 (hereinafter referred to as the COUNTY), and _____, licensed to do business in the State of Illinois, located at _____,_____, _____ (hereinafter referred to as the CONTRACTOR).

RECITALS

WHEREAS, the COUNTY requires the goods and/or services specified in Bid #19-013-DOT for its Department of Transportation, located at the DuPage County Center, 104 North County Farm Road, Wheaton, Illinois 60187; and

WHEREAS, the CONTRACTOR is the vendor selected pursuant to the bid process and is willing to perform under the terms of the Bid and this Contract.

NOW, THEREFORE, in consideration of the premises and mutual covenants contained herein, the parties agree that:

1.0 CONTRACT DOCUMENTS

1.1 This Contract includes all of the following component parts, all of which are fully incorporated herein and made a part of the obligations undertaken by the parties:

1.1.a Bid Invitation
1.1.b Project Information
1.1.c Instructions to Bidders
1.1.d General Conditions
1.1.e Special Conditions
1.1.f Insurance/Bonding Requirements and Certificates
1.1.g Bid Form (including Certification/Proposal, Signature Affidavit including Proposal Pricing)
1.1.h Specifications (including any addenda, interpretations and approved exceptions)
1.1.i Exhibits
1.1.j County Purchase Order

1.2 All documents are or will be on file in the office of the Procurement Services Division, DuPage Center, 421 North County Farm Road, Room 3-400, Wheaton, Illinois 60187.

1.3 In the event of a conflict between any of the above documents, the document control from top to bottom; i.e., "a" controls over "b".

2.0 DURATION OF THIS CONTRACT

2.1 Unless terminated as provided in the Bid Invitation, the term of this Contract shall be a one (1) year period beginning on April 1, 2019 and continuing through March 31, 2020.

2.2 The Contract term is subject to renewal according to the Bid Invitation Specifications.

2.0 In no event shall the term plus renewals exceed four (4) years.

3.0 TERMINATION

3.1 Except as otherwise set forth in this AGREEMENT, either party shall have the right to terminate this AGREEMENT for any cause or without cause thirty (30) days after having served written notice upon the other party, except in the event of Vendor's insolvency, bankruptcy or receivership, in which case termination shall be effective immediately upon receipt of notice.

3.2 Upon such termination, the liabilities of the parties to this AGREEMENT shall cease, but they shall not be relieved of the duty to perform their obligations up to the date of termination, or to pay for deliverables tendered prior to termination.
There shall be no termination expenses.

3.3 Upon termination of this AGREEMENT, all data, work products, reports and documents produced, because of this AGREEMENT shall become the property of the COUNTY. Further, Vendor shall provide all deliverables within fourteen (14) days of termination in accordance with the other provisions of this AGREEMENT.

4.0 BID PRICES AND PAYMENT

4.1 The Contractor shall provide the required goods and or services described in the Bid Specifications for the prices quoted on the Bid Form.

4.2 The County shall make payment pursuant to the Illinois Local Government Prompt Payment Act, except that no payment shall be approved where the Contractor has failed to comply with certified payroll requirements of the Illinois Prevailing Wage Act or Davis Bacon Act.

5.0 AMENDMENTS

5.1 This Contract may be amended by mutual agreement.

5.2 All amendments will conform to State of Illinois Statutes and County procedures for Change Orders.

6.0 CONTRACT ENFORCEMENT – ATTORNEY'S FEES

6.1 If the County is required to take legal action to enforce performance of any of the terms, provisions, covenants and conditions of this Contract, and by reason thereof, the County is required to use the services of an attorney, including the States Attorney, then the County shall be entitled to reasonable attorney's fees and all expenses and costs incurred by the County pertaining thereto and in enforcement of any remedy, including costs and fees relating to any appeal.

7.0 SEVERABILITY CLAUSE

7.1 If any section, paragraph, clause, phrase or portion of this Contract is for any reason determined by a court of competent jurisdiction to be invalid and unenforceable, such portion shall be deemed separate, distinct and an independent provision, and the court's determination shall not affect the validity or enforceability of the remaining portions of this Contract.

8.0 GOVERNING LAW

8.1 This Contract shall be governed by the laws of the State of Illinois both as to interpretation and enforcement. Venue for all disputes will be exclusively in the circuit court for the Eighteenth Judicial Circuit in DuPage County, Illinois and that Illinois law will control.

9.0 ENTIRE AGREEMENT

9.1 This Contract, including the documents listed in 1.0, contains the entire agreement between the parties.

9.2 There are no covenants, promises, conditions, or understandings; either oral or written, other than those contained herein.

IN WITNESS WHEREOF, the parties set their hands and seals as of the date first written above.

COUNTY OF DU PAGE, ILLINOIS

By: _____
JIM MCGUIRE
PROCUREMENT OFFICER

[CONTRACTOR]

By: _____
AUTHORIZED SIGNATURE

_____
TITLE

CITY OF WEST CHICAGO

INFRASTRUCTURE COMMITTEE
AGENDA ITEM SUMMARY

ITEM TITLE:

Purchase of One 2019 JX Peterbilt Model 348 Tandem Axle Truck Chassis Equipped By Monroe Truck Equipment with 15' Crysteel Stainless Steel Dump Body, 15' Monroe Stainless Steel V-Box Salt Spreader, 12' Monroe Reversible Snow Plow with Quick Link Hitch, 8' Monroe Wing Plow, Pre-Wetting and Anti-icing System, and Appurtenances from JX Peterbilt of Bolingbrook, Illinois

AGENDA ITEM NUMBER: 4. F.

COMMITTEE AGENDA DATE: May 2, 2019
COUNCIL AGENDA DATE: May 20, 2019

STAFF REVIEW: Robert E. Flatter, P.E., Director of Public Works

SIGNATURE

APPROVED BY CITY ADMINISTRATOR: Michael L. Guttman

SIGNATURE

ITEM SUMMARY:

Annually, via the State of Illinois Joint Purchasing Contract, the Public Works Department plans and budgets for the purchase and delivery of replacement vehicles. For FY 2019, the Public Works Department has planned and budgeted for the replacement of one 1996 International IH4900 Single Axle Dump Truck, which was modified in 2007 with a Sauber Chipper Body, presently utilized by the Public Works Street Division.

For 2019, the State of Illinois did not solicit bids for large dump trucks, leaving all Municipalities to solicit bids on their own, or to purchase demo/stock trucks, or purchase through another joint purchasing program. Staff has spent the past several months speaking with various truck chassis manufacturers (i.e., Ford, Freightliner, International, Peterbuilt, etc.) and equipment vendors (i.e., Henderson Truck Equipment, Monroe Truck Equipment, Auto Truck Group, etc.) about ordering a customized snow plow/dump truck to meet City needs. JX Peterbilt and Monroe Truck Equipment both hold joint purchasing contracts under the Sourcewell Competitive Bid Contract (formerly National Joint Powers Alliance (NJPA) Program).

The City of West Chicago is a member of Sourcewell. Sourcewell is a municipal national contracting agency that provides nationally leveraged and competitively solicited purchasing contracts under the guidance of the Uniform Municipal Contracting law for use by education, government, and non-profits. Joint Powers laws enable members to legally purchase through the Sourcewell contracts.

With cab, chassis, and equipment specified by the City, JX Peterbilt and Monroe Truck Equipment submitted a price quote of $250,641.32 per truck under the Sourcewell program. As specified, the truck would be a 2019 JX Peterbilt Model 348 tandem axle 66,000 lbs. GCW chassis equipped by Monroe Truck Equipment with a 15' Crysteel stainless steel dump body, 15' Monroe stainless steel V-box salt spreader, 12' Monroe reversible snow plow with quick link hitch, 8' Monroe wing plow, pre-wetting and anti-icing system, and appurtenances.

The snowplow trucks will be purchased from the Capital Equipment Replacement Fund (04-34-39-4804) in which $205,700.00 has been budgeted in FY 2019 for the dump truck and snow removal equipment. However, if a purchase order is processed in May 2019, said truck will not be delivered until late January/early February 2020. As payment will not be made until FY 2020, the Capital Equipment Replacement Fund will be adjusted for FY 2020 to cover the $44,941.32 difference.

CITY OF WEST CHICAGO

ACTIONS PROPOSED:

That the West Chicago City Council waive competitive bidding and authorize the purchase of one 2019 JX Peterbilt Model 348 tandem axle 66,000 lbs. GCW chassis equipped by Monroe Truck Equipment with a 15' Crysteel stainless steel dump body, 15' Monroe stainless steel V-box salt spreader, 12' Monroe reversible snow plow with quick link hitch, 8' Monroe wing plow, pre-wetting and anti-icing system, and appurtenances, at a cost not to exceed $250,641.32, from JX Peterbilt of Bolingbrook, Illinois.

COMMITTEE RECOMMENDATION: