

**AGENDA
PUBLIC WORKS & UTILITIES COMMITTEE
Village of Hoffman Estates**

July 19, 2021

7:00 pm – Board Room

Members:	Anna Newell, Chairperson	Gary G. Stanton, Trustee
	Michael Gaeta, Vice Chairperson	Karen J. Arnet, Trustee
	Gary Pilafas, Trustee	William McLeod, Mayor
	Karen V. Mills, Trustee	

I. Roll Call

II. Approval of Minutes – June 28, 2021

OLD BUSINESS

1. Request approval of a request by CalAtlantic Group, Inc. for an ordinance for the acceptance of public improvements at the Amber Meadows subdivision. *(Deferred from June 28, 2021)*

NEW BUSINESS

1. Request approval of the Intergovernmental Master Agreement with IDOT for State maintained traffic signals on State highways within the corporate limits of the Village.

REPORTS (INFORMATION ONLY)

1. Department of Public Works Monthly Report.
2. Engineering Division Monthly Report.

III. President's Report

IV. Other

V. Items in Review

VI. Adjournment

Further details and information can be found in the agenda packet attached hereto and incorporated herein and can also be viewed online at www.hoffmanestates.org and/or in person in the Village Clerk's office).

The Village of Hoffman Estates complies with the Americans with Disabilities Act (ADA). For accessibility assistance call the ADA Coordinator at 847/882-9100.

**PUBLIC WORKS & UTILITIES COMMITTEE
MEETING MINUTES**

June 28, 2021

I. Roll call

Members in Attendance:

**Anna Newell, Chairperson
Michael Gaeta, Vice Chairperson
Gary Stanton, Trustee
Karen Mills, Trustee
Karen Arnet, Trustee
William McLeod, Mayor**

Members Absent:

Gary Pilafas, Trustee

Management Team

Members in Attendance

**Eric Palm, Village Manager
Dan O'Malley, Deputy Village Manager
Rachel Musiala, Finance Director
Art Janura, Corporation Counsel
Kathryn Cawley, Acting Police Chief
Patti Cross, Asst. Corporation Counsel
Suzanne Ostrovsky, Asst. to Village Mgr.
Monica Saavedra, Director of HHS
Fred Besenhoffer, Director of IS
Joe Nebel, Director of Public Works
Alan Wenderski, Village Engineer
Ric Signorella, Cable TV Coordinator
Alan Wenderski, Village Engineer
Dave Ganziano, Acting Deputy Fire Chief
Patrick Clarke, Fire Captain**

Management Team Members

Via Telephonic Attendance:

**Ben Gibbs, NOW Arena
Sarah Marcucci / EMA Coordinator**

The Public Works and Utilities meeting was called to order at 7:19 p.m.

II. Approval of Minutes – April 26, 2021

Motion by Trustee Gaeta, seconded by Trustee Arnet, to approve the Public Works and Utilities Committee Meeting minutes from May 24, 2021. Voice vote taken. All ayes. Motion carried.

NEW BUSINESS**1. Request approval of a request by McShane Hoffman Estates LLC for an ordinance for the acceptance of public improvements for Eagle Way.**

An item summary sheet was presented by Alan Wenderski to Committee.

Mr. Palm provided comment.

Motion by Trustee Gaeta, seconded by Trustee Stanton, to approve a request by McShane Hoffman Estates LLC for an ordinance for the acceptance of public improvements for Eagle Way. Voice vote taken. All ayes. Motion carried.

First motion withdrawn. Motion by Mayor McLeod and Trustee Mills to delay request by McShane Hoffman Estates LLC for an ordinance for the acceptance of public improvements for Eagle Way to July Committee meetings. Voice vote taken. All ayes. Motion carried.

2. Request approval of a request by CalAtlantic Group, Inc. for an ordinance for the acceptance of public improvements at the Amber Meadows subdivision. An item summary sheet was presented by Alan Wenderski to Committee.

An item summary sheet was presented by Alan Wenderski to Committee.

Motion by Trustee Gaeta, seconded by Trustee Stanton, to approve a request by CalAtlantic Group, Inc. for an ordinance for the acceptance of public improvements at the Amber Meadows subdivision. An item summary sheet was presented by Alan Wenderski to Committee. Voice vote taken. All ayes. Motion carried.

3. Request authorization to extend 2020 contract for 2021-2022 Janitorial Maintenance Service for: Village Hall, Police Station, Susan Kenley-Rupnow Public Works Center and the Fleet Services facility to Eco Clean Maintenance Inc., Elmhurst, IL, for total contract monthly fee of \$5,730, total contract amount not to exceed \$78,000.

An item summary sheet was presented by Joseph Nebel and Paul Petrenko to Committee.

Motion by Trustee Gaeta, seconded by Trustee Arnet, to extend 2020 contract for 2021-2022 Janitorial Maintenance Service for: Village Hall, Police Station, Susan Kenley-Rupnow Public Works Center and the Fleet Services facility to Eco Clean Maintenance Inc., Elmhurst, IL, for total contract monthly fee of \$5,730, total contract amount not to exceed \$78,000. Voice vote taken. All ayes. Motion carried.

- 4. Request authorization for Change Order # 1 to increase the scope of the contract with Rausch Infrastructure LLC, Des Plaines, IL for the Golf Road Sanitary Sewer Lift Station replacement by an amount not to exceed \$103,525. An item summary sheet was presented by Joseph Nebel and Haileng Xiao to Committee.**

An item summary sheet was presented by Joseph Nebel and Haileng Xiao to Committee.

Motion by Trustee Gaeta, seconded by Trustee Arnet, to authorize Change Order # 1 to increase the scope of the contract with Rausch Infrastructure LLC, Des Plaines, IL for the Golf Road Sanitary Sewer Lift Station replacement by an amount not to exceed \$103,525. An item summary sheet was presented by Joseph Nebel and Haileng Xiao to Committee. Voice vote taken. All ayes. Motion carried.

REPORTS (INFORMATION ONLY)

1. Department of Public Works Monthly Report

The Department of Public Works Monthly Report was received and filed.

2. Engineering Division Monthly Report

The Engineering Division Monthly Report was received and filed.

- III. President’s Report** – Mayor McLeod provided a recap of his activities June 21 - 28.
- IV. Other**
- V. Items in Review**
- VI. Adjournment**

Motion by Trustee Gaeta, seconded by Trustee Arnet, to adjourn the meeting at 7:28 p.m. Voice vote taken. All ayes. Motion carried.

Minutes submitted by:

Jennifer Djordjevic, Director of Operation & Outreach / Office of the Mayor and Board

Date

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request approval of a request by CalAtlantic Group, Inc. for an ordinance for the acceptance of public improvements at the Amber Meadows subdivision

MEETING DATE: July 19, 2021

COMMITTEE: Public Works & Utilities

FROM: Alan Wenderski, Director of Engineering

PURPOSE: Complete acceptance of public improvements constructed as part of the Amber Meadows subdivision.

BACKGROUND: The Amber Meadows subdivision consists of 108 single family residential lots located at the northeast corner of Shoe Factory Road and Essex Drive. Amber Meadows received Village Board approval on March 20, 2017.

DISCUSSION: All lots have been constructed and granted final certificate of occupancy permits. Final inspections have been completed for all public improvements; individual lot grading/drainage and all punch list deficiencies have been resolved.

A letter was mailed to all residents within the Amber Meadows subdivision notifying them of the request for acceptance. No objections related to items that are part of this public acceptance request were received.

Per Section 10-7-5 of the Municipal Code, an ordinance accepting the public improvements, a Bill of Sale, and Memo to the Village Clerk have been prepared. Also as required, a maintenance bond extending 12-months from the date of acceptance and as-built engineering plans have also been received.

Below is a list of attached documents:

1. Ordinance
 - a. Exhibit A – Dedicated Streets
 - b. Exhibit B – Memo to Clerk

DISCUSSION: (Continued)

2. Bill of Sale
 - a. Exhibit A – Plan sheets highlighting public improvements
 - b. Exhibit B – Cost of public improvements

3. Notice of Public Acceptance Letter to Residents

Staff recommended a deferral of this request at the June committee due to concerns that were raised about recently completed restoration work within HOA outlots. Since the June meeting the developer has met with HOA representatives and has agreed to the additional work that is detailed on the attached Amber Meadows Subdivision HOA Final Acceptance Agreement Summary. Staff has received confirmation from the HOA President that this agreement was approved by the HOA Board.

A Builders Agreement and Release from Annexation Agreement between the Village and CalAtlantic was approved by the Village Board on March 20, 2017 with the terms and conditions identified as a condition of approval of the final site plan. The agreement required CalAtlantic to reimburse the Village for attorney fees related to the acquisition of Lot 7 in the Laufenberger Subdivision. This process is not fully complete.

FINANCIAL IMPACT:

The accepted public improvements will require typical maintenance. CalAtlantic Group, Inc. has submitted a \$406,200 maintenance bond that will be active for 12-months from the date of acceptance.

Full reimbursement of Village attorney fees related to the acquisition of Lot 7 in the Laufenberger Subdivision has not yet been completed.

RECOMMENDATION:

Due to the near completion of the Lot 7 acquisition and guidance from Corporation Counsel, staff recommends the approval of a request by CalAtlantic Group, Inc. for an ordinance for the acceptance of public improvements at the Amber Meadows subdivision contingent upon the acquisition of Lot 7 in the Laufenberger Subdivision.

Attachments

ORDINANCE NO. _____ - 2021

VILLAGE OF HOFFMAN ESTATES

**AN ORDINANCE ACCEPTING THE
PUBLIC IMPROVEMENTS WITHIN THE
AMBER MEADOWS SUBDIVISION FOR VILLAGE MAINTENANCE**

WHEREAS, CalAtlantic Group, Inc. has submitted a plat of subdivision for the Amber Meadows subdivision, said plat designating certain public streets or thoroughfares dedicated as such, which streets are listed on Exhibit "A" attached hereto and incorporated herein; and

WHEREAS, the President and Board of Trustees of the Village of Hoffman Estates have approved said plat; and

WHEREAS, the Village Engineer has filed with the Village Clerk a certificate to the effect that all improvements required to be constructed or installed in or upon said streets or thoroughfares in connection with the approval of the plat of subdivision by the Village Board have been fully completed and the construction or installation thereof has been approved by him, a copy of which is attached hereto and incorporated herein as Exhibit "B".

NOW, THEREFORE, BE IT ORDAINED by the President and Board of Trustees of the Village of Hoffman Estates, Cook and Kane Counties, Illinois, as follows:

Section 1: That the public improvements located within the Amber Meadows subdivision, more fully described on Exhibit "A" attached hereto, be and the same are hereby accepted for maintenance by the Village of Hoffman Estates.

Section 3: The Village Clerk is hereby authorized to publish this ordinance in pamphlet form.

Section 4: This Ordinance shall be in full force and effect immediately from and after its passage and approval.

PASSED THIS ____ day of _____, 2021

VOTE	AYE	NAY	ABSENT	ABSTAIN
Trustee Karen V. Mills	_____	_____	_____	_____
Trustee Anna Newell	_____	_____	_____	_____
Trustee Gary J. Pilafas	_____	_____	_____	_____
Trustee Gary G. Stanton	_____	_____	_____	_____
Trustee Michael Gaeta	_____	_____	_____	_____
Trustee Karen Arnet	_____	_____	_____	_____
President William D. McLeod	_____	_____	_____	_____

APPROVED THIS _____ DAY OF _____, 2021

Village President

ATTEST:

Village Clerk

Published in pamphlet form this _____ day of _____, 2021.

EXHIBIT A

DEDICATED STREETS

Amber Meadows Subdivision

- Belmont Street
- Chatham Drive
- Fairview Lane
- Newberry Lane
- Prospect Drive
- Roseland Lane
- Sheffield Drive

VILLAGE OF HOFFMAN ESTATES

Memo

TO: Bev Romanoff, Clerk
FROM: Alan Wenderski, Director of Engineering
DATE: June 21, 2021
RE: **Amber Meadows – Public Acceptance**

CalAtlantic Group, Inc. has completed the installation of all public facilities related to the Amber Meadows subdivision. The required public improvements have been inspected and the required improvements have been fully completed and found to be acceptable.

The Engineering Division has received the maintenance guarantee, Bill of Sale and as-built engineering plans for this project.

The Engineering Division is recommending that the Village Board pass an ordinance accepting Amber Meadows and the associated public improvements for maintenance and as called for per Section 10-7-5 of the Hoffman Estates Municipal Code and as listed in Exhibit A.

BILL OF SALE

KNOW ALL MEN BY THESE PRESENTS, that CalAtlantic Group, Inc., a Delaware corporation, (“CalAtlantic”) in consideration of Ten and no/100 Dollars (\$10.00) and other good and valuable consideration does hereby grant, sell, transfer, deliver and quit claim unto the Village of Hoffman Estates, a Municipal corporation in Cook and Kane Counties, Illinois (“the Village”), and the Village does hereby accept, the following goods, chattels and other items of personal property, (“the Public Improvements”) located within the public right-of-way or public easement in Amber Meadows in the Village of Hoffman Estates, Illinois, namely:

1. Storm Sewer - Each and every part and item of a system of storm sewers, lined culverts and paved drainageways, and other items of personalty for the conveyance or detention of storm and surface waters installed at the direction of the Village by CalAtlantic for the purpose of the collection, transport, and flow of surface and storm waters within the Village.
2. Sanitary Sewer - Each and every part and item of a sanitary sewer system for the collection, transportation and treatment of sewage installed at the direction of the Village by CalAtlantic with the exception of those pipes which transport the sewage of a single building into a common sewer commonly known as house service.
3. Water Main - Each and every part and item of a system for the distribution of potable water installed at the direction of the Village by CalAtlantic except the pipe which transports water from the buffalo box to a single building commonly known as a house service.
4. Street System - Each and every part and item of the street system installed at the direction of the Village by CalAtlantic; more specifically, curbs, pavement, street lights, sidewalk and parkway trees.

The object of this Bill of Sale is to grant, sell, transfer and deliver to the Village, with the exceptions noted, the ownership in all items of personalty which comprise the storm sewer and stormwater management system, sanitary sewer system and water distribution system, and street system installed by CalAtlantic within Amber Meadows. Nothing herein shall be deemed to convey ownership of any other personalty located within said right-of-ways or easement.

See attached Exhibit “A” (Plan sheet(s) highlighting the Public Improvements to be dedicated to the Village of Hoffman Estates)

See attached Exhibit “B” (Detailed final cost of public improvements installed and dedicated to the Village of Hoffman Estates)

CalAtlantic does hereby covenant it is the lawful owner of the aforescribed goods, chattels and personalty; that such items are free from all encumbrances; that the Developer has the right to sell the same as aforesaid; and that CalAtlantic warrants and will defend the same against the lawful claims and demands of all persons; and that the execution of this Bill of Sale is an authorized act of said corporation, individual or partnership.

Dated at Hoffman Estates, Illinois, this 25th day of May, 2021.


Developer

a Delaware corporation
State

STATE OF ILLINOIS)
) SS
COUNTY OF Kane)

The foregoing instrument was acknowledged before me this 25 day of May, ²⁰²¹~~2020~~, by Christopher Gillen, a ✓ corporation on behalf of said corporation.

[Signature]
Notary Public
McHenry County, Illinois
My Commission Expires: 8/3/21



ATTEST:

William McLeod
Name

Village President
Title

Signature

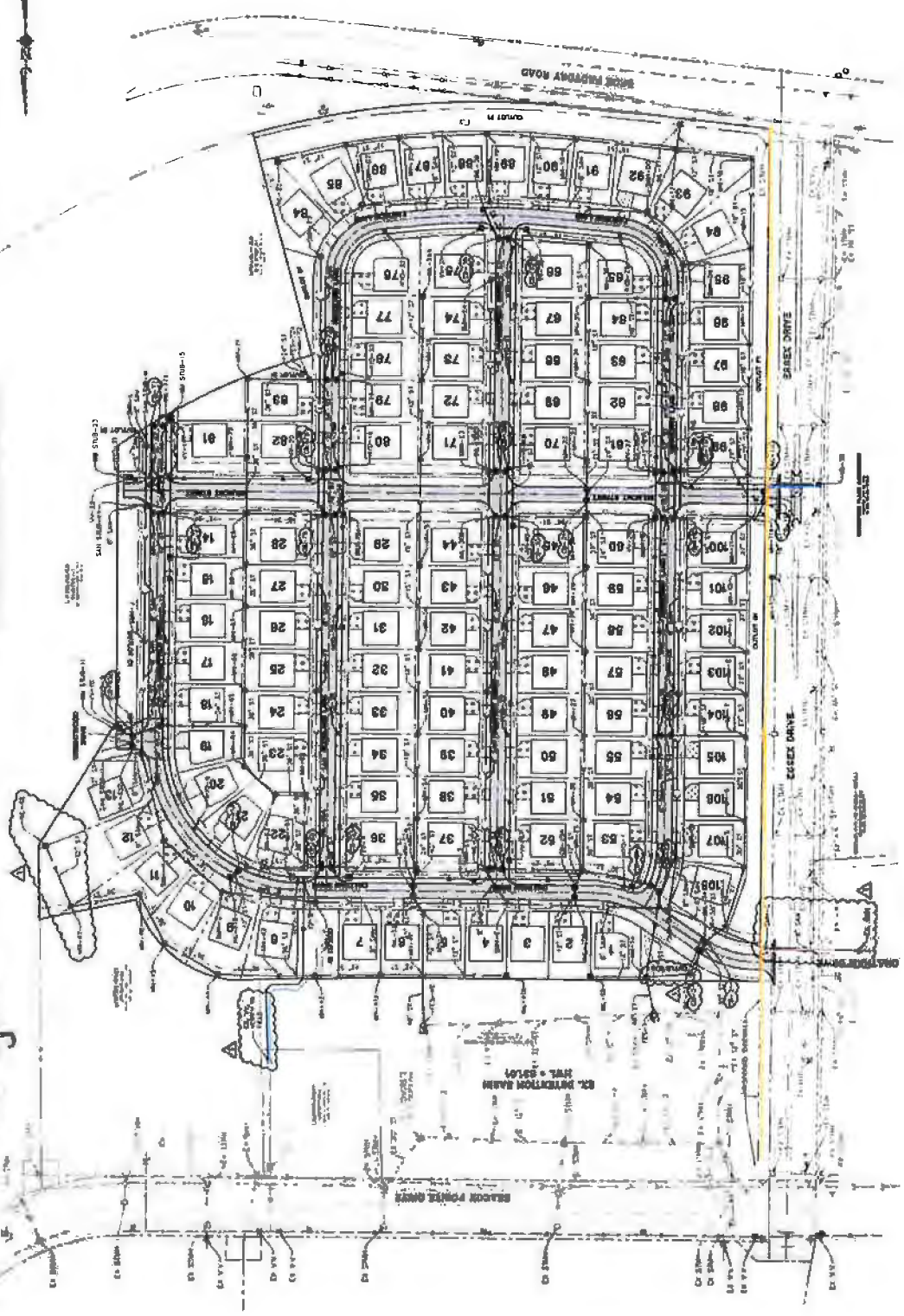
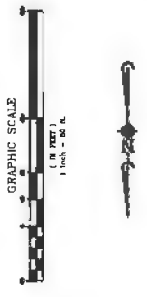
By: Bev Romanoff
Name

Village Clerk
Title

Signature

“Exhibit A” page 1 of 6

water main
storm sewer
sanitary sewer
street system



Manhard CONSULTING
Professional Engineers, Architects, Planners and Interiors
1000 Lakeshore Drive, Suite 200, Naperville, IL 60563
630.338.1200
www.manhardconsulting.com

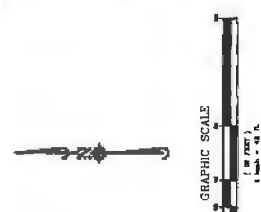
AMBER MEADOWS
VILLAGE OF HOFFMAN ESTATES, ILLINOIS
OVERALL GENERAL LAYOUT

05-35
DATE: 05/11/2010
SCALE: AS SHOWN
SHEET NO. 1

RECORD DRAWING 04/28/2010

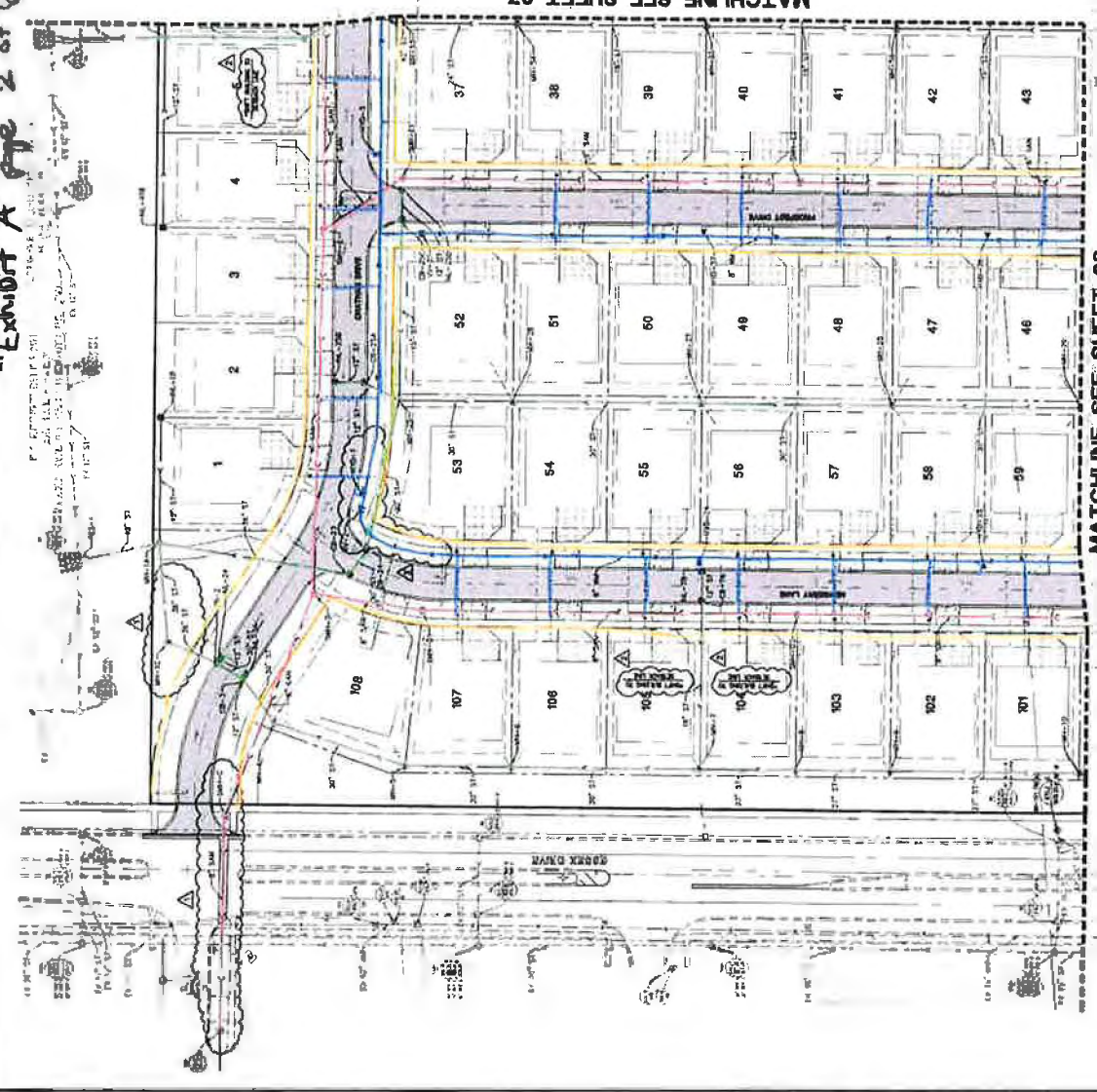
Exhibit A Page 2 of 6

Water Main
Storm Sewer
Sanitary Sewer
Street System



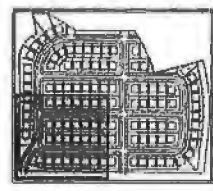
AMBER MEADOWS
VILLAGE OF HOFFMAN ESTATES, ILLINOIS
GENERAL LAYOUT - NORTHWEST

06-35
SHEET



UNITS INDEX

1. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND RECORD THEM ON THE WORKS TO BE INSTALLED. UTILITIES SHALL BE PROTECTED AND NOT TO BE DISRUPTED UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND RECORD THEM ON THE WORKS TO BE INSTALLED. UTILITIES SHALL BE PROTECTED AND NOT TO BE DISRUPTED UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL EXCAVATE AND VERIFY ALL EXISTING WATER MAIN AND 8" UTILITY LOCATIONS. EXISTING WATER MAIN AND 8" UTILITY LOCATIONS SHALL BE RECORDED AND COMPARED TO ALL UNDERGROUND RECORDS AND TO ALL EXISTING RECORDS OF UTILITIES.
4. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND RECORD THEM ON THE WORKS TO BE INSTALLED. UTILITIES SHALL BE PROTECTED AND NOT TO BE DISRUPTED UNLESS OTHERWISE NOTED.
5. EXISTING WATER MAINS SHALL BE EXCAVATED AND RECORDED. EXISTING WATER MAINS SHALL BE EXCAVATED AND RECORDED. EXISTING WATER MAINS SHALL BE EXCAVATED AND RECORDED.
6. ALL WATER MAINS SHALL BE 8" BELOW FINISHED GRADE TO TOP OF MANHOLE UNLESS NOTED OTHERWISE.
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KEY PLAN

MATCHLINE SEE SHEET 07

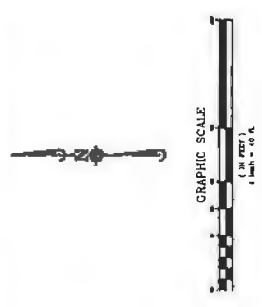
MATCHLINE SEE SHEET 08



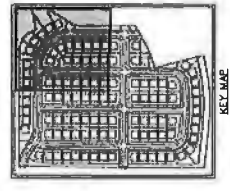
Table with 2 columns: Description, Quantity. Includes items like 'CONCRETE', 'STEEL', 'PIPE', etc.

"Exhibit A" page 3 of 6

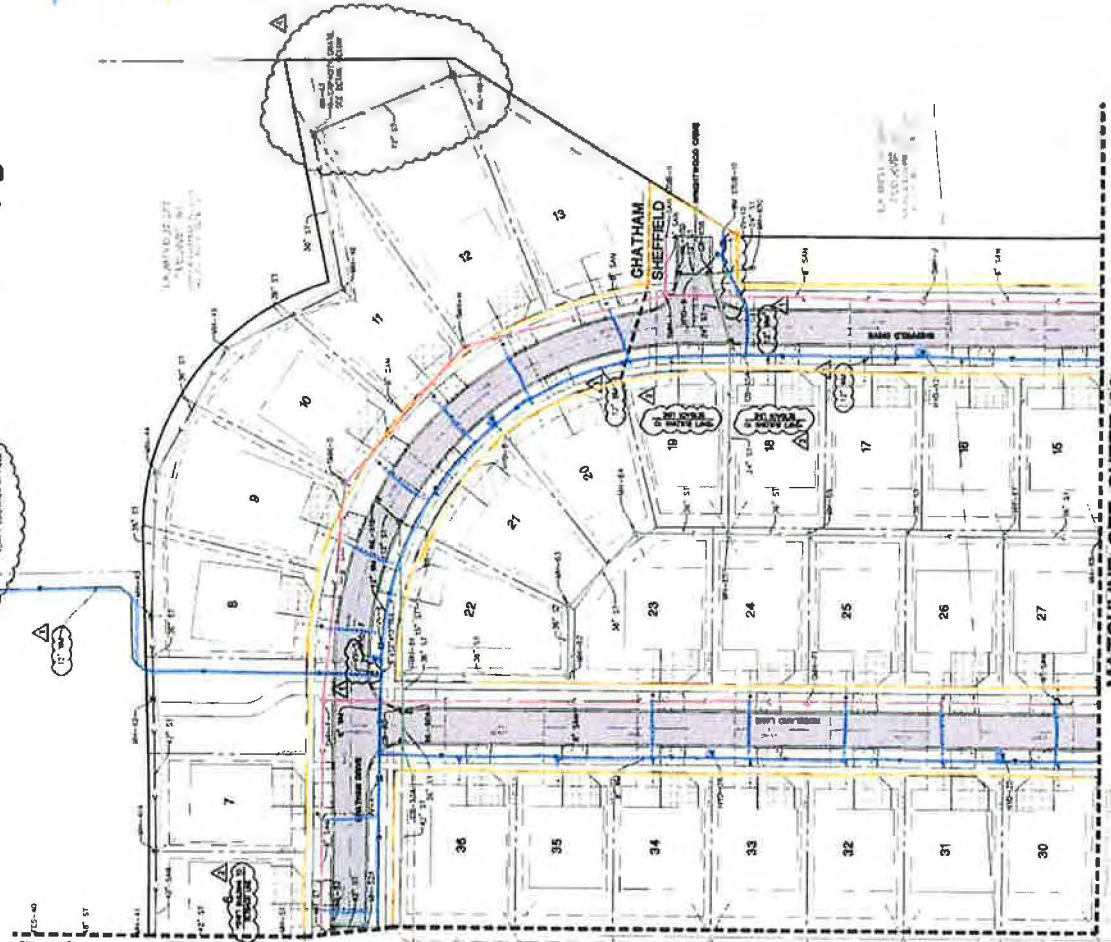
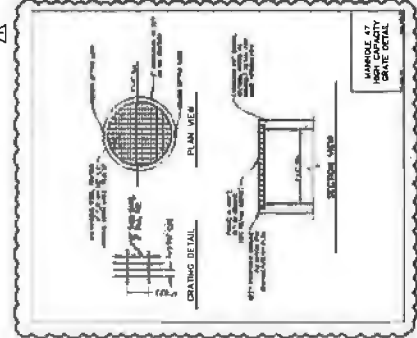
water Main
storm sewer
Sanitary Sewer
street system



- UTILITY INDEX**
1. ALL UTILITY DEPTHS ARE TO CENTER OF PIPE OR CENTER OF STRUCTURE UNLESS OTHERWISE NOTED.
 2. ALL UTILITY DEPTHS SHALL BE MEASURED FROM THE FINISHED GRADE TO THE TOP OF THE UTILITY UNLESS OTHERWISE NOTED.
 3. ALL UTILITY DEPTHS SHALL BE MEASURED FROM THE FINISHED GRADE TO THE TOP OF THE UTILITY UNLESS OTHERWISE NOTED.
 4. THE CONTRACTOR SHALL ADJUST THE ELEVATIONS OF ALL EXISTING STRUCTURES TO MATCH FINISHED GRADE.
 5. ALL EXISTING UTILITY DEPTHS SHALL BE MEASURED FROM THE FINISHED GRADE TO THE TOP OF THE UTILITY UNLESS OTHERWISE NOTED.
 6. ALL WATER MAIN SHALL BE 8" OR 10" BOLD RIBBED DRAIN TO TOP OF MAIN UNLESS NOTED OTHERWISE.
 7. ALL EXISTING UTILITY DEPTHS SHALL BE MEASURED FROM THE FINISHED GRADE TO THE TOP OF THE UTILITY UNLESS OTHERWISE NOTED.
 8. THE UNDERGROUND UTILITY INFORMATION AS SHOWN HEREON IS BASED ON THE RECORD DRAWINGS AND THE LOCAL MUNICIPALITY. WHILE THIS INFORMATION IS BELIEVED TO BE CORRECT, THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UTILITIES CAUSED BY HIS OPERATIONS.
 9. ALL SANITARY AND STORM SEWER EXISTING UTILITY DEPTHS SHALL BE MEASURED FROM THE FINISHED GRADE TO THE TOP OF THE UTILITY UNLESS OTHERWISE NOTED.
 10. CONTRACTOR SHALL CORRECT AND ADJUST ALL PIPE ENTRANCES TO EXISTING SANITARY MANHOLE.
 11. SANITARY UTILITY DEPTHS TO BE REMOVED SHALL BE REMOVED FROM EXISTING SANITARY MANHOLES.
 12. SOME EXISTING UTILITY DEPTHS TO BE REMOVED SHALL BE REMOVED FROM EXISTING SANITARY MANHOLES.



CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UTILITIES CAUSED BY HIS OPERATIONS.

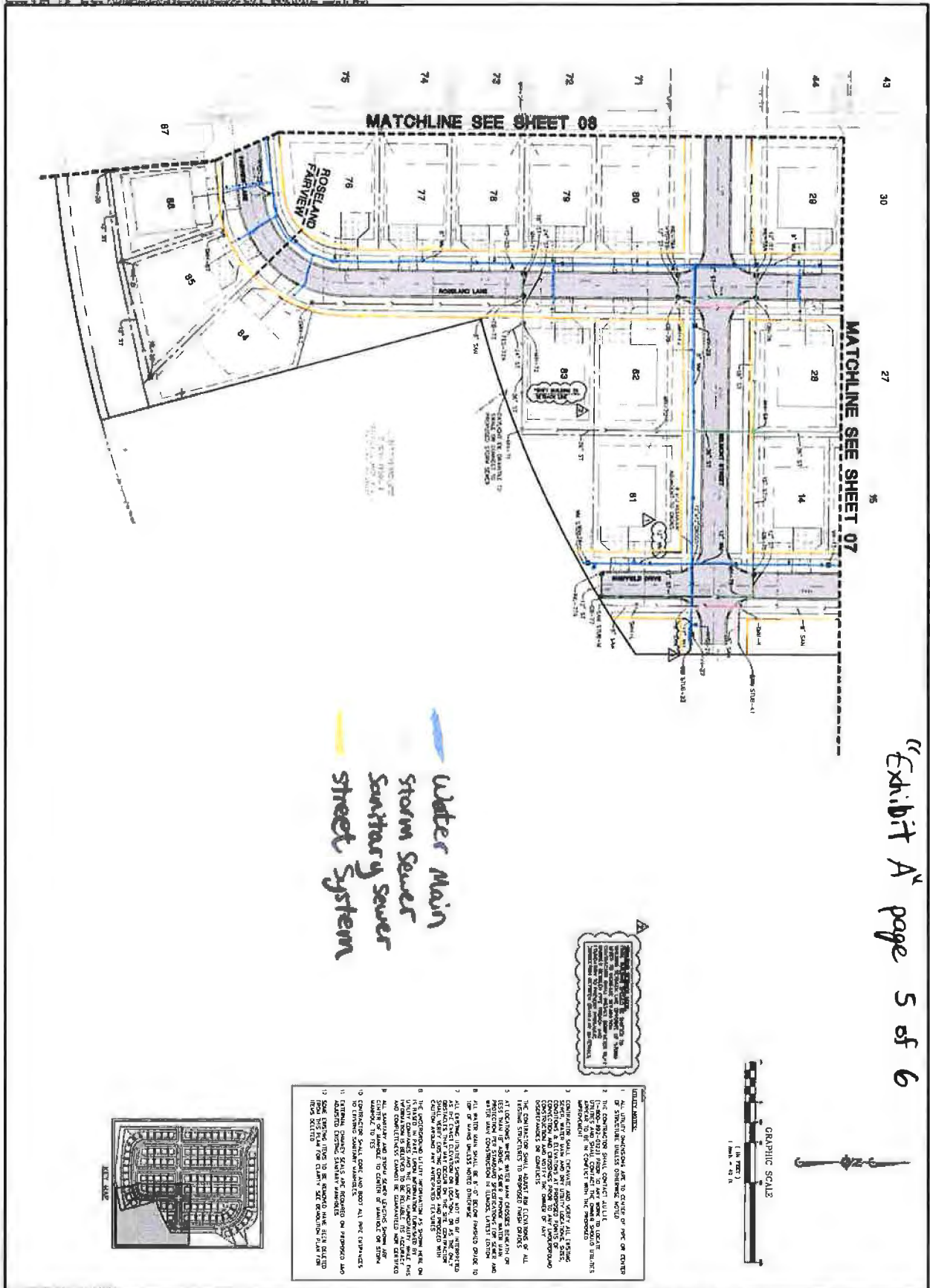


MATCHLINE SEE SHEET 06

MATCHLINE SEE SHEET 09

CONNECTION TO EXISTING UTILITY SHALL BE MADE AT THIS LOCATION

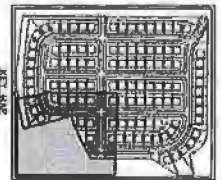
"Exhibit A" page 5 of 6



Water Main
 Storm Sewer
 Sanitary Sewer
 Street System

ALL UTILITIES SHOWN ARE TO BE COVERED BY PIPE OR COVER EXCEPT WHERE SHOWN OTHERWISE. THE LOCATION OF ALL UTILITIES SHALL BE AS SHOWN ON THIS PLAN. THE LOCATION OF ALL UTILITIES SHALL BE AS SHOWN ON THIS PLAN. THE LOCATION OF ALL UTILITIES SHALL BE AS SHOWN ON THIS PLAN.

- NOTES:**
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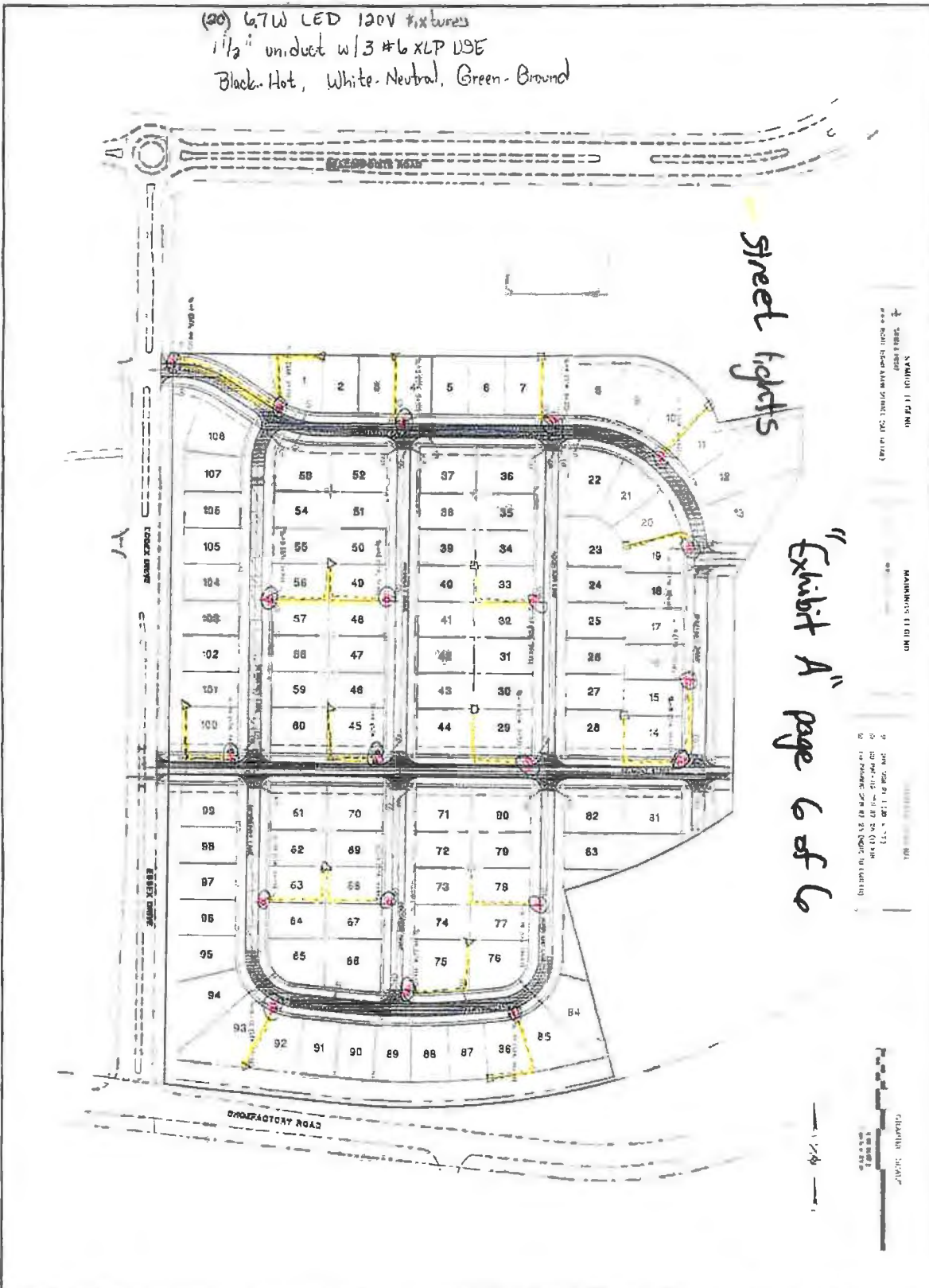


17-1111 Amber Meadows, Hoffman Estates

(20) 6.7W LED 120V fixtures

1 1/2" uniduct w/3 #6 XLP USE

Black-Hot, White-Neutral, Green-Ground



street lights

"Exhibit A" page 6 of 6

28-35

AMBER MEADOWS
VILLAGE OF HOFFMAN ESTATES, ILLINOIS
STREET SIGNAGE AND LIGHTING PLAN

Manhard
CONSULTING & C



ENGINEER'S OPINION OF PROBABLE COST
 AMBER MEADOWS (TOTAL SITEWORK)
 HOFFMAN ESTATES, ILLINOIS
 3/10/2017

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
SCHEDULE I - EXCAVATION AND GRADING IMPROVEMENTS					
1	Mobilization	1	LUMP SUM	27500	\$27,500.00
2	Silt Fence (Non-Wire Back)	8,200	LF	\$1.65	\$13,530.00
3	Construction Entrance	2	LUMP SUM	\$4,500.00	\$9,000.00
4	Topsoil Stripping and Stockpiling	46,700	CY	\$3.10	\$144,770.00
5	Topsoil Stripping to Non-Structural Fill	9,600	CY	\$3.10	\$29,760.00
6	Clay Excavation and Embankment	72,200	CY	\$3.85	\$277,970.00
7	Clay Excavation to Non-Structural Fill	2,700	CY	\$3.05	\$8,235.00
8	Fine Grade Subgrade	25,300	CY	\$1.10	\$27,830.00
9	Backfill Curb	13,365	LF	\$1.20	\$16,038.00
10	6" Topsoil Respread and Seeding	3,100	CY	\$3.90	\$12,090.00
11	Erosion Control Blanket (NAG DS-75)	9,250	SY	\$1.50	\$13,875.00
12	Final Lot Grading (Houseline)	108	EACH	\$1,200.00	\$129,600.00
TOTAL SCHEDULE I - EXCAVATION AND GRADING IMPROVEMENTS					\$710,188.00
SCHEDULE II - UNDERGROUND IMPROVEMENTS					
A. SANITARY SEWER IMPROVEMENTS					
1	6" PVC Sanitary Sewer Service (Long)	48	EACH	\$2,300.00	\$110,400.00
2	6" PVC Sanitary Sewer Service (Short)	60	EACH	\$766.00	\$45,960.00
3	8" PVC Sanitary Sewer	5,900	LF	\$31.50	\$185,850.00
4	4' Diameter Manhole	24	EACH	\$3,030.00	\$72,720.00
5	Trench Backfill - Mains	2,020	LF	\$45.00	\$90,900.00
6	Telesive Sanitary Sewer	5,900	LF	\$2.50	\$14,750.00
7	Connection to Existing Manhole	1	EACH	\$2,500.00	\$2,500.00
SUBTOTAL A - SANITARY SEWER IMPROVEMENTS					\$523,080.00
B. WATER MAIN IMPROVEMENTS					
1	6" DI Water Main w/Poly	95	LF	\$30.00	\$2,850.00
2	8" DI Water Main w/Poly	4,600	LF	\$40.00	\$184,000.00
3	12" DI Water Main w/Poly	1,725	LF	\$60.00	\$103,500.00
4	8" Valve & Vault, STD 4' Dia. w/FR & Lid	10	EACH	\$3,000.00	\$30,000.00
5	12" Valve & Vault, STD 5' Dia. w/FR & Lid	6	EACH	\$4,200.00	\$25,200.00
6	1.5" House Service Type K (short)	52	EACH	\$1,010.00	\$52,520.00
7	1.5" House Service Type K (long)	58	EACH	\$1,965.00	\$110,040.00
8	Fire Hydrant with Auxillary Valve	23	EACH	\$4,000.00	\$92,000.00
9	Trench Backfill - Mains	1,860	LF	\$24.50	\$45,570.00
10	Dry Connection	1	EACH	\$1,500.00	\$1,500.00
11	Pressure Connection	1	EACH	\$10,325.00	\$10,325.00
SUBTOTAL B - WATER MAIN IMPROVEMENTS					\$657,505.00
C. STORM SEWER IMPROVEMENTS					
1	4" PVC Storm Sewer Service (Short)	108	EACH	\$330.00	\$35,640.00
2	6" PVC Underdrains (30' Length)	24	EACH	\$590.00	\$14,160.00
3	12" RCP Storm Sewer Pipe	1,850	LF	\$25.50	\$47,175.00
4	15" RCP Storm Sewer Pipe	1,383	LF	\$29.50	\$40,798.50
5	18" RCP Storm Sewer Pipe	1,694	LF	\$33.00	\$55,902.00
6	21" RCP Storm Sewer Pipe	125	LF	\$40.00	\$5,000.00
7	24" RCP Storm Sewer Pipe	547	LF	\$44.00	\$24,068.00
8	27" RCP Storm Sewer Pipe	533	LF	\$48.00	\$25,584.00
9	30" RCP Storm Sewer Pipe	1,168	LF	\$52.00	\$60,632.00
10	36" RCP Storm Sewer Pipe	1,892	LF	\$58.00	\$98,136.00
11	42" RCP Storm Sewer Pipe	512	LF	\$75.00	\$38,400.00
12	48" RCP Storm Sewer Pipe	145	LF	\$90.00	\$13,050.00
13	24" Precast Conc. FES w/Grate & RipRap	1	EACH	\$2,645.00	\$2,645.00
14	48" Precast Conc. FES w/Grate & RipRap	2	EACH	\$4,490.00	\$8,980.00
15	2'-0" Diameter Inlet	26	EACH	\$1,085.00	\$28,210.00
16	4'-0" Diameter Catch Basin	20	EACH	\$2,000.00	\$40,000.00
17	5'-0" Diameter Catch Basin	5	EACH	\$2,500.00	\$12,500.00
18	6'-0" Diameter Catch Basin	1	EACH	\$3,600.00	\$3,600.00
19	4'-0" Diameter Manhole	33	EACH	\$1,900.00	\$62,700.00
20	5'-0" Diameter Manhole	21	EACH	\$2,400.00	\$50,400.00

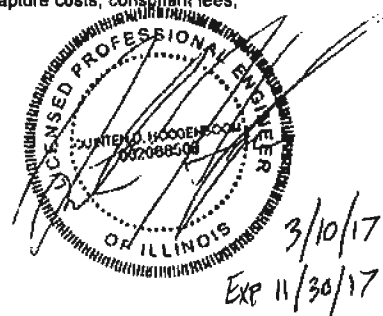


ENGINEER'S OPINION OF PROBABLE COST
 AMBER MEADOWS (TOTAL SITEWORK)
 HOFFMAN ESTATES, ILLINOIS
 3/10/2017

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENSION
21	6'-0" Diameter Manhole	12	EACH	\$3,500.00	\$42,000.00
22	7'-0" Diameter Manhole	3	EACH	\$6,305.00	\$18,915.00
23	8'-0" Diameter Manhole	1	EACH	\$10,070.00	\$10,070.00
24	Trench Backfill	1,410	LF	\$21.50	\$30,315.00
25	Inlet Filter	122	EACH	\$20.00	\$2,440.00
SUBTOTAL C - STORM SEWER IMPROVEMENTS					\$771,320.50
TOTAL SCHEDULE II - UNDERGROUND IMPROVEMENTS					\$1,951,905.50
SCHEDULE III - ROADWAY IMPROVEMENTS					
1	Subgrade Stabilization Fabric	22,175	SY	\$1.25	\$27,718.75
2	Subbase Granular Material - 6" (CA6)	22,175	SY	\$6.90	\$153,007.50
3	Hot-Mix Asphalt Base Course - 4.25"	18,555	SY	\$13.50	\$250,492.50
4	Hot-Mix Asphalt Binder Course, N50 - 2.25"	18,555	SY	\$7.35	\$136,379.25
5	Hot-Mix Asphalt Surface Course, N50 - 1.5"	18,555	SY	\$5.20	\$96,486.00
6	Concrete Driveway Apron	108	EACH	\$750.00	\$81,000.00
7	Concrete Curb Type B-6.12	13,365	LF	\$13.65	\$182,432.25
8	Roadway Patching on Essex Drive	220	SY	\$85.00	\$18,700.00
9	PCC Sidewalk - 4" with Subbase	75,600	SF	\$3.50	\$264,600.00
10	Pavement Markings	1	LS	\$510.00	\$510.00
11	Street Sign	22	EACH	\$300.00	\$6,600.00
12	Traffic Sign	44	EACH	\$750.00	\$33,000.00
13	Street Lights	20	EACH	\$3,810.00	\$76,200.00
TOTAL SCHEDULE III - ROADWAY IMPROVEMENTS					\$1,327,126.25
SCHEDULE IV - LANDSCAPING IMPROVEMENTS					
1	Land Development Landscape Plantings	1	LUMP SUM	\$182,195.75	\$182,195.75
2	Entry Features	1	LUMP SUM	\$50,000.00	\$50,000.00
3	Housetline Common Area Landscape Plantings	1	LUMP SUM	\$157,892.50	\$157,892.50
4	Model Center Typical & Additions Plants List	1	LUMP SUM	\$27,388.00	\$27,388.00
5	Parkway Sod	13,662	SY	\$3.75	\$51,232.50
6	Housetline Lot Sod	108	EACH	\$2,000.00	\$216,000.00
TOTAL SCHEDULE IV - LANDSCAPING IMPROVEMENTS					\$633,476.25
SUBTOTAL SCHEDULES I-IV					\$4,622,706.00
TOTAL					\$4,622,706.00

Prepared By: Manhard Consulting, Ltd.
 700 Springer Drive
 Lombard, Illinois 60148

NOTE: This Engineer's Opinion of Probable Cost is made on the basis of Engineer's experience and qualifications using plan quantities and represents Engineer's best judgment as an experienced and qualified professional engineer generally familiar with the construction industry. However, since the Engineer has no control over the cost of labor, materials, equipment or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions, or over quantities of work actually performed, Engineer cannot and does not guarantee that proposals, bids or actual Construction Cost will not vary from Opinions of Probable Cost prepared by Engineer. This Opinion of Probable Construction Cost is limited to those items stated herein and does not include permit fees, recapture costs, consultant fees, landscaping, dewatering, maintenance, bonds or the like.





HOFFMAN ESTATES

GROWING TO GREATNESS

July 1, 2021

**SUBJECT: NOTICE OF PUBLIC ACCEPTANCE
AMBER MEADOWS
NEW MEETING DATE**

Dear Resident:

At the June 28, 2021 Public Works and Utilities Committee meeting, a request by Lennar/CalAtlantic Group, Inc. for the acceptance of the Amber Meadows Subdivision was deferred by the Committee to Monday, July 19, 2021 at 7:00 p.m. at the Hoffman Estates Village Hall, 1900 Hassell Road.

Acceptance of a subdivision occurs when all of the public improvements (pavement, sanitary sewer, storm sewer, water main, street lights) and some private improvements (lot grading and drainage) are completed to the satisfaction of the Village. As a reminder, any outstanding issue with the house is a private matter between the homeowner and Lennar and will not be considered as part of the acceptance process.

Please contact the Engineering Division with any general questions or concerns prior to the committee meeting at (847) 252-5800 or roadconstruction@hoffmanestates.org.

Sincerely,

Alan Wenderski, P.E.
Director of Engineering



AMBER MEADOWS SUBDIVISION
H.O.A. FINAL ACCEPTANCE SIGN OFF AGREEMENT

TO: H.O.A Representatives FROM: Greg Neumann
Amber Meadows Subdivision Lennar Chicago Division
Nathan Sylvester
Gary R. Weber Associates, Inc.
DATE SENT: October 29th, 2020
SUBJECT: H.O.A. Final Acceptance Signoff Agreement
Amber Meadows Subdivision
Hoffman Estates, IL

Lennar Chicago Division and Gary R. Weber Associates are writing to request a signed agreement to the scope of the items to be completed by Lennar Chicago Division in order to turn over the landscape maintenance responsibilities to the permanent Home Owners Association of Amber Meadows Subdivision. In addition, we are requesting a signed agreement with the Home Owners Association to document the transfer of maintenance responsibilities of recently completed Outlot Parcels from Lennar Chicago Division to the Home Owners Association of the Amber Meadows Subdivision.

The Outlot Parcels and terms for final acceptance for landscape maintenance responsibilities are outlined below. In addition, the scope of the items that Lennar Chicago Division has agreed to complete in order to achieve this agreement are outlined below. Please review these items and sign at the end of document to confirm agreement with the documented punch list scope and transfer of landscape maintenance of all common area outlot parcels.

Amber Meadows Subdivision Terms for H.O.A. Turnover:

- 1. Lennar Chicago Division agrees to complete the punch list items discussed in the turnover walk conducted with HOA representatives, Lennar Chicago Division, and GRWA.
2. Lennar Chicago Division agrees to complete the Village of Hoffman Estates landscaping punch list for the common area outlot parcels with exception to line items 6, 18 19, and 20. The landscape material described in these items was found to be installed and or in excellent condition and is not in need of replacement. Punch List Items are documented in the attached markup.
3. Nissen Landscaping will honor a one year warranty agreement with the Home Owners Association of Amber Meadow for the shade tree, evergreen tree, and ornamental tree replacements installed per the Village of Hoffman Estates Punch List. These replacements are documented in the attached markup. The warranty will expire one year after the installation date.
4. Upon completion of the documented punch list with exception to the line items noted above, the H.O.A. of Amber Meadows Subdivision agrees to begin and continue maintenance of the following Outlot Parcels (Common Areas): Outlot A1, Outlot B1, Outlot C1, Outlot D1, Outlot E1, Outlot F1, and Outlot G1.
5. Lennar Chicago Division is not responsible for any tree replacements in the parkway or right of way because the parkway trees were installed by the Village of Hoffman Estates and will be maintaining the public right of way.
6. Lennar Chicago Division will not be completing village punch list items on individual resident homesites, due to homeowner alterations and homeowner rights and wishes. The HOA is not responsible for individual homesites.

HOA Representative
Landscape Contractor
Lennar Representative

Handwritten signatures and names: Matt Frisch Board President, PS MAA, Greg Neumann Authorized Signature

Handwritten dates: 10/29/2020, 10/30/2020, 10/30/2020

AMBER MEADOWS LANDS PE PUNCHLIST- GRWA Comments 10/10/2020

Outlot F1 (Along Shoe Factory Road)

1. Behind Lot 85, one missing MS (6') from grouping of 6. Confirmed complete as noted
2. Behind Lot 85, two missing AC (6') from the grouping of 5. Confirmed complete as noted
3. Behind Lots 85/86, one missing MP (6') from the grouping of 5. Confirmed complete as noted
4. Behind Lot 86, one dead PP (6') from the grouping 5. Confirmed complete as noted
5. Behind Lot 87, prune dead wood from oaks. Confirmed complete as noted. Take before and after photos to document completion. Its hard to tell if this is needed.
6. Behind Lot 90, one missing PP (6') from the grouping of 5. All PP were installed **do not install additional tree**
7. Behind Lot 92, two missing MP (6') from grouping of 5, and one dead MP (6') from the same grouping. Confirmed complete as noted
8. Behind Lot 93 (see South Corner Landscape Detail), ten missing SH (#1) from the grouping of 50. The SH grasses grouping has filled in well. Use these replacements to help fill planting bed gap where marketing sign was
9. Behind Lot 93 (see South Corner Landscape Detail), one missing PG (10') from the grouping of 8. Confirmed. Recommend an 8 foot tree to since the area is already crowded
10. Behind Lot 93 (see South Corner Landscape Detail), fill in gap from marketing sign with missing PL (#1). The SH grasses grouping has filled in well. Use these replacements to help fill planting bed gap where marketing sign was
11. Behind Lots 93/94 (see South Corner Landscape Detail), twelve missing SH (#1) from the grouping of 50. Confirmed complete as noted. Sign has recently been removed

Outlot F1 (Along Essex Drive)

12. Behind Lot 94, four missing AC (6') from the grouping of 5. Confirmed complete as noted.
13. Behind Lot 94, replace one dead/dying from the grouping of 3. Confirmed complete as noted.
14. Behind Lot 98, one missing AC (6') from grouping of 5. Confirmed complete as noted.
15. Behind Lot 99 (see South Entrance Landscape Detail), one dead JS (24" wide) from grouping of 8. Confirmed. All 8 have been recently removed.
16. On the north side of Lot 99 (see South Entrance Landscape Detail), a large portion of landscaping in the planting bed is missing. Review plan and replace missing. Removed landscaping was sodded over by houseline. Replace since village wants a 1 to 1 install of the plant.

Outlot G1 (Along Essex Drive)

17. On the south and west sides of Lot 100 (see South Entrance Landscape Detail), a large portion of landscaping in the planting bed that runs parallel to Belmont St is dead or missing including:

- 10 PV (#1)
- 25 PL (#1)
- 17 SP (36") from grouping of 20
- 25 PL (#1)
- 17 PV (#3) from a grouping of 40
- 14 PV (#3) from a grouping of 34
- 1 dead VJ (36") from a grouping of 8
- 4 dead JS (24" wide) from a grouping of 8

18. Behind Lot 105, five maples are planted instead of the required AC (6'). This needs to be corrected. The village inspection is correct. However, the maples are in good condition this is waste of \$1500-\$2000 worth of good plant material.

19. Behind Lot 106, one MS (6') is missing from the grouping of 5. All 5 MS were found to be installed.

20. Behind Lot 108 (see North Entrance Landscape Detail), four VJ (36") from the grouping of 11 need to be replaced. All 11 VJ were found to be installed.

21. Behind Lot 108 (see North Entrance Landscape Detail), two JS (24" wide) from the grouping of 8
All 8 have been removed since last GIM inspection.

Outlot A1 (Along Chatham Drive)

22. Twelve VJ (36") are missing from the grouping of 24. Replace to 50 bed

Outlot B1 (Along Chatham Drive)

23. Two PM (6') from a grouping of three are dead and need to be replaced. Replace per Nissan warranty- in addition, turf overseed per the village or per HOA if needed.

Landscape Buffer in rear of Lots 8-12

24. Behind Lot 10, replace one PM (6') from the group of 7.

25. Behind Lot 12, replace one QB (2.5") from the group of 2

Replace per Nissan warranty. See markus for HOA application.

Outlot E-1 (Dead end of Sheffield)

26. Area south of Lot 81 needs to be graded and sodded.

In progress 10/09. In addition, install rip rap and remove larger stone per the HOA walk

Individual Lots (2.5 inch trees)- See below homesites have been altered by owner with fencing or retaining wall for plantings- check with owner for replacements.

27. Lot 3 - front yard tree is missing

28. Lot 6 - front yard tree dead

29. Lot 7 -- rear yard tree is missing- **Check if there is location that meets village code and homeowner**

30. Lot 11 - front yard tree is dead

31. Lot 20 - front tree is missing

32. Lot 23 - rear yard tree is dead

33. Lot 24 - Front yard tree is dead

34. Lot 36 - front yard tree is dead, side yard tree is dead

35. Lot 37 -missing rear yard and side yard trees (check with homeowner if they want)

36. Lot 46 - rear yard tree is missing Check with owner

37. Lot 59 - front yard tree is missing Check with owner

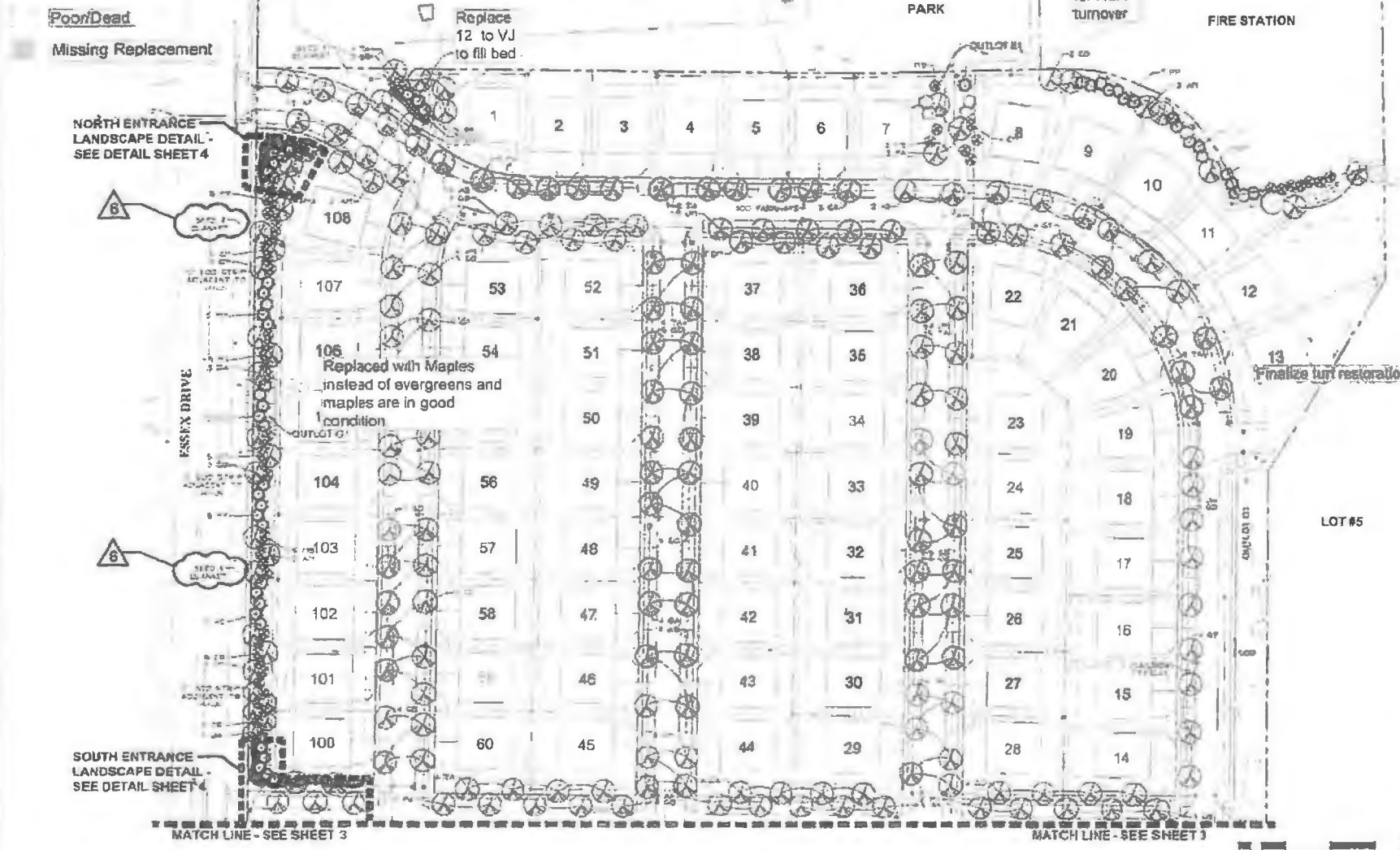
38. Lot 66 - side yard tree needs replacing

39. Lot 69 - missing front and rear yard trees **Check with owner**

40. Lot 71 - replace side yard tree

41. Lot 105 - front tree is dead

42. Lot 108 - replace front tree



GR WA
 GARY R. WEBER
 ASSOCIATES, INC.
 LANDSCAPE ARCHITECTS
 11 SOUTH MARK STREET
 SPRINGFIELD, ILLINOIS 62761

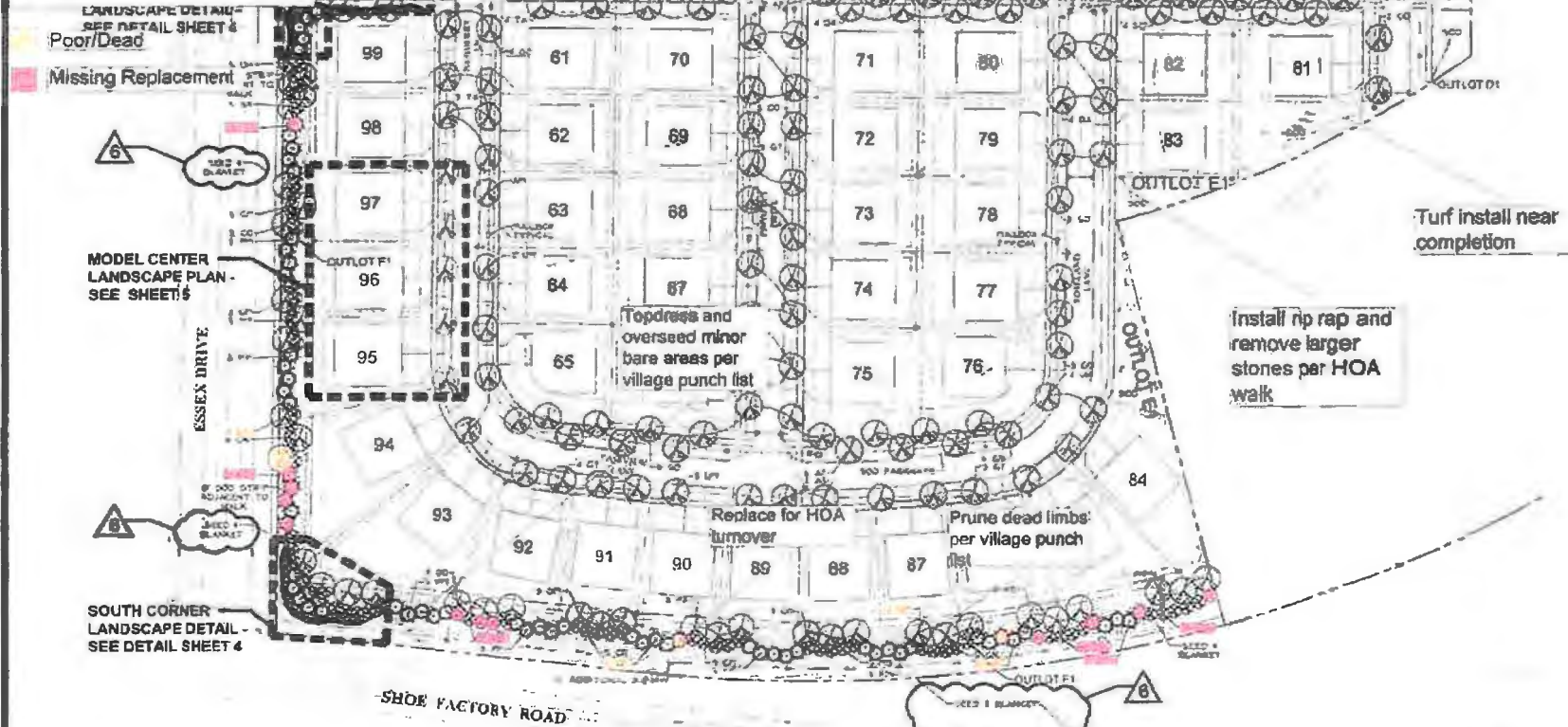
WARD CONSULTING
 1100 S. WASHINGTON ST.
 SPRINGFIELD, IL 62761

AMBER MEADOWS
 HOFFMAN ESTATES, ILLINOIS
 LANDSCAPE PLAN

DATE: 10/10/20
 DRAWN BY: GAW/GJ
 CHECKED BY: GAW
 SHEET NO: 2 OF 7

MATCH LINE - SEE SHEET 2

MATCH LINE - SEE SHEET 2



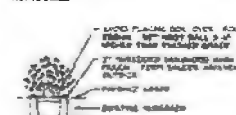
GENERAL NOTES

- Contractor shall verify underground utility lines and is responsible for any damage.
- Contractor shall verify all existing conditions in the field prior to construction and shall notify landscape architect of any variances.
- Material quantities shown are for contractor convenience only. The Contractor shall verify all material and supply sufficient materials to complete the job per plan.
- The landscape architect reserves the right to amend plans and change order at place of growth or in the future before planting, for compliance with requirements of various, state and quality.
- Stock shall conform to American Standard for Nursery Stock, Rules of Irrigation Horticultural Standards, and Local Municipal requirements.
- Contractor shall secure and pay for all permits, fees, and inspections necessary for the proper creation of this work and comply with all codes applicable to the work.
- See General Conditions and specifications for landscape work for additional requirements.
- Contractor shall submit shop drawings to Landscape Architect and Owner for design concept confirmation review prior to installation.
- All plant selections are known to grow in USDA plant hardiness Zone 5.

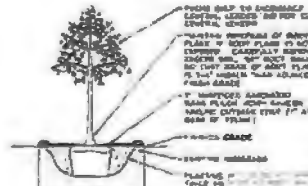
PLANTING DETAILS



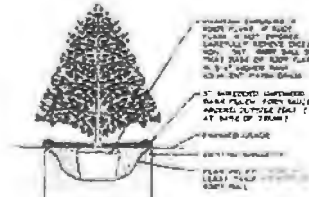
PERENNIALS AND GROUNDCOVERS
 NOT TO SCALE



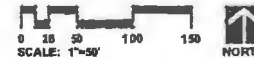
DECIDUOUS AND EVERGREEN SHRUBS
 NOT TO SCALE



DECIDUOUS TREES
 NOT TO SCALE



EVERGREEN TREES
 NOT TO SCALE



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DATE	10/10/2020
PROJECT NO.	CA 1622
CLIENT	LANNAR
PROJECT	THE VILLAGE 2
SHEET NO.	10 OF 17



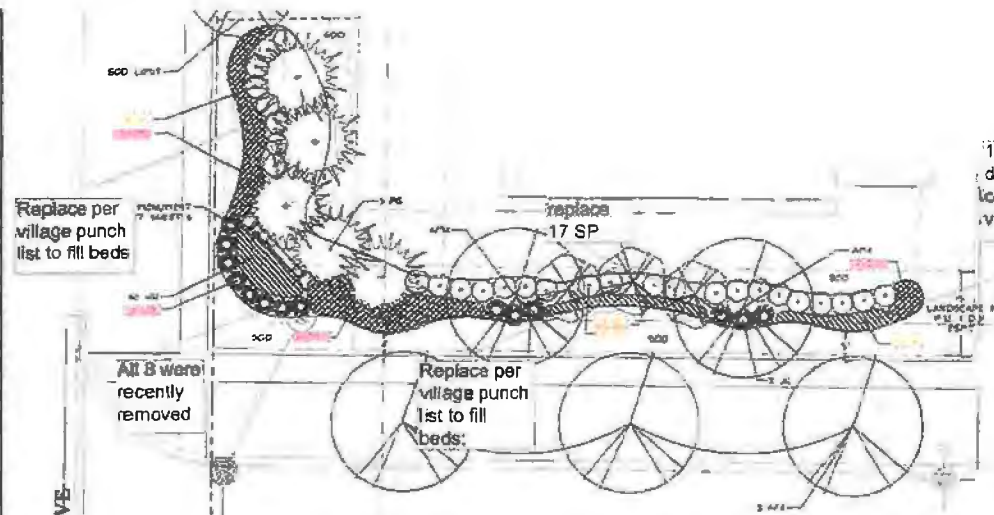
GARY R. WEBER ASSOCIATES, INC.
 LAND PLANNING
 GENERAL CONSULTING
 LANDSCAPE ARCHITECTURE
 311 SOUTH MAIN STREET
 WILMINGTON, ILLINOIS 62704
 PHONE: 618-644-7177

City of
 HOFFMAN ESTATES, ILLINOIS

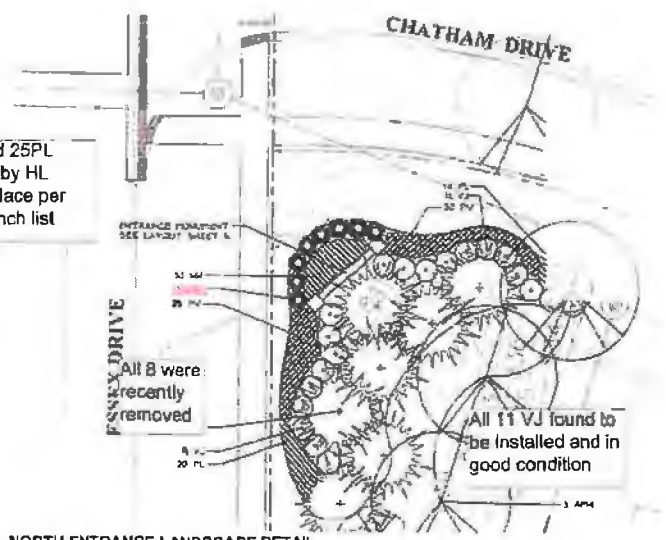
AMBER MEADOWS
 HOFFMAN ESTATES, ILLINOIS
LANDSCAPE DETAILS

PROJECT NO. 16-07
 DATE 10-10-2020
 DRAWN BY GUYLER
 CHECKED BY JCT
 SCALE 1/8"=1'-0"

DATE 10-10-2020
 PROJECT NO. 16-07
 DRAWN BY GUYLER
 CHECKED BY JCT
 SCALE 1/8"=1'-0"



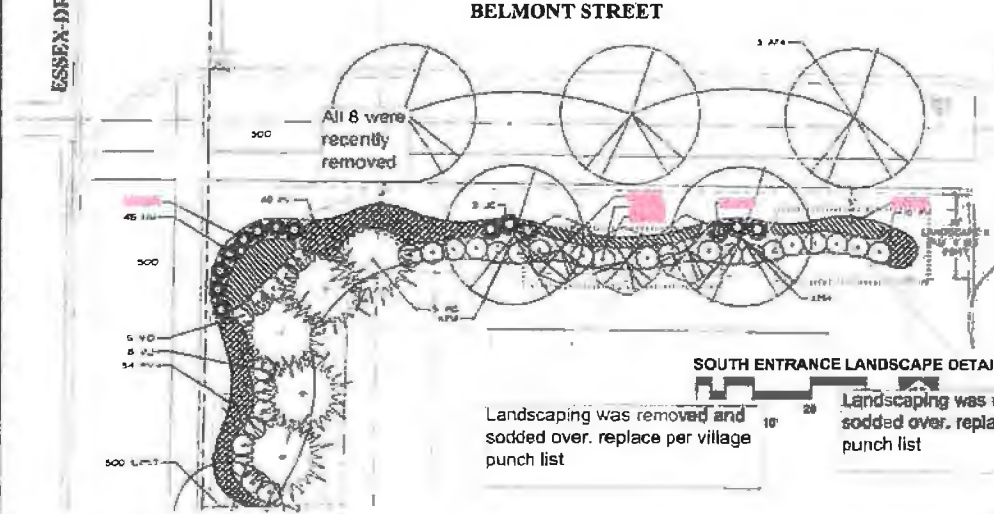
10 PV and 25PL damaged by HL (cons); replace per village punch list



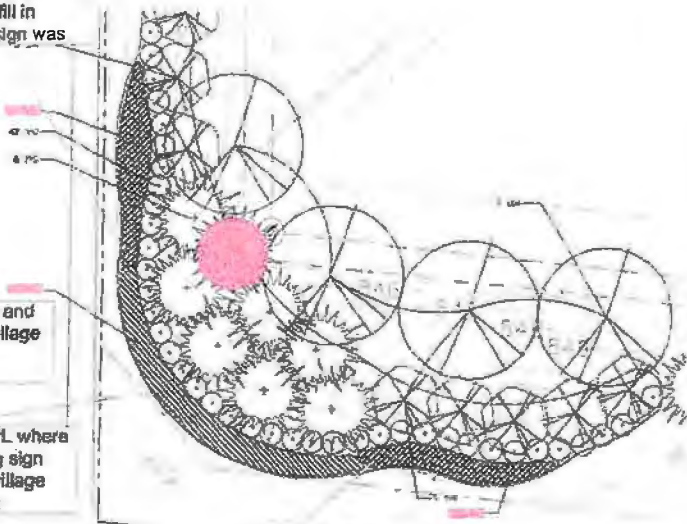
10 SH per village; use replacements to help fill in where sign was

SCALE: 1"=10'

NORTH



Fill with PL where marketing sign was per village punch list



CA 1622 Lennar Amber Meadow
 Village Punch List Review
 10.10.2020

- Poor/Dead
- Missing Replacement





**AMBER MEADOWS SUBDIVISION
H.O.A. FINAL ACCEPTANCE AGREEMENT SUMMARY**

TO: Matt Friedman
H.O.A Representative
Amber Meadows Subdivision

FROM: Greg Neumann
Lennar Chicago Division
Nathan Sylvester
Gary R. Weber Associates, Inc.

DATE SENT: July 12th, 2021

SUBJECT: H.O.A. Final Acceptance Agreement
Amber Meadows Subdivision
Hoffman Estates, IL

Lennar Chicago Division, the H.O.A representatives of Amber Meadows subdivision, Nissen Landscaping, and Gary Weber Associates conducted an onsite walk at the Amber Meadows Subdivision to review the outlot parcels and the associated landscaping that will be turned over to the Homer Owner's Association of Amber Meadows Subdivision. An initial H.O.A and village landscaping punch list was completed during the end of the 2020 growing season. Additional turf restoration work was recently completed after recent concrete repairs in 2021. Due to dry spring conditions some of the turf restoration areas did not fully establish or germinate. Lennar Chicago Division, the H.O.A Representatives, Nissen Landscaping, and Gary Weber Associates have agreed on a final punch list to address these areas of concern. It should be noted that Lennar Chicago Division will establish a one year maintenance bond for the community with the village of Hoffman Estates when previous construction bonds are released. The agreed upon punch list items and the terms of H.O.A acceptance are outlined below.

Amber Meadows H.O.A Punchlist Items and Acceptance Terms:

- 1. Outlot A1 (open space adjacent to north entrance):** Any remaining bare or poorly established turf areas in the open space and parkway should be top dressed with topsoil and overseeded
- 2. Outlot B1 (open space between lots 7 and 8):** Poorly established turf running along the common area sidewalk and recent walk repair should be topdressed and overseeded. Topdressing should be done to address any settlement along the sidewalk edges.
- 3. Outlot D1 and E1 (open spaces adjacent to lots 81-84):** Top dress and overseed bare areas that did not establish on turf slopes. Restore turf along the drainway in Outlot E1 with turf seed and erosion control blanket to avoid seed washout.
- 4. Parkway Curb Restoration Areas (throughout community):** Pull erosion control blanket to improve overall appearance. Topdress and overseed restoration locations as needed to ensure acceptable turf establishment.
- 5.** Upon completion of the agreed upon turf repairs the Pathway Property Management should be notified. The current landscape maintenance company should be instructed not to mow turf seeding areas until the turf is established and turf has grown in to mowing height.
- 6.** Residents should also be notified when turf seeding has been completed and to minimize walking on the restoration areas.
- 7.** No additional punch list items were identified to be completed for Outlots C1, F1, and G1 other than warranty replacements from material installed per the Fall 2020 punch list.
- 8.** Nissen Landscaping will honor a one year warranty agreement with the Home Owners Association of Amber Meadow for the shade tree, evergreen tree, and ornamental tree replacements installed per the Fall 2020 punch list. GRWA will conduct a review to identify warranty replacements September 2021.
- 9.** Lennar Chicago Division is not responsible for any tree replacements in the parkway or right of way because the parkway trees were installed by the Village of Hoffman Estates and will be maintaining the public right of way.

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request approval of an Intergovernmental Master Agreement with IDOT for State maintained traffic signals on State highways within the corporate limits of the Village

MEETING DATE: July 19, 2021

COMMITTEE: Public Works & Utilities

FROM: Alan Wenderski, Director of Engineering

PURPOSE: Present Intergovernmental Agreement (IGA) with IDOT, defining joint traffic signal maintenance and energy costs, for approval.

BACKGROUND: The Village is responsible for a share of traffic signal maintenance and energy costs along State highways within the Village limits. Typically, the Village's share of these costs is proportionate to the number of approaches maintained by the Village at each signalized intersection. The existing agreement was effective from July 1, 2011 through June 30, 2021 and is provided as an attachment for your reference. The proposed agreement would also be active for a 10 year period beginning July 1, 2021 and expiring on June 30, 2031.

DISCUSSION: IDOT contracts routine traffic signal maintenance with provisions provided in Exhibit B. IDOT invoices the Village on a quarterly basis. Above and beyond the Village's share of the maintenance contract costs, the Village remains 100% responsible for all costs related to Emergency Vehicle Preemption System (EVPS) equipment and is invoiced directly for these costs.

The provisions of the IGA are similar to the 2011 version. While updates have been made to Exhibit A, Village costs will remain consistent with costs associated to the previous IGA.

FINANCIAL IMPACT: Village will continue to be responsible for the proportionate share of maintenance and energy costs, receiving quarterly invoices by IDOT. The Village will remain responsible for all costs related to EVPS. Overall costs are consistent with the obligation from previous IGA.

RECOMMENDATION: Request approval of an Intergovernmental Master Agreement with IDOT for State maintained traffic signals on State highways within the corporate limits of the Village.

Proposed 2021 – 2031
IDOT Master Agreement
For
Traffic Signal Maintenance on
State Highways

INTERGOVERNMENTAL AGREEMENT

This Interagency Agreement is entered into between the Village of Hoffman Estates (“GOVERNMENTAL BODY”) and the Department of Transportation (“DEPARTMENT”) pursuant to the “Intergovernmental Cooperation Act” (5 ILCS 220) and in accordance with The DEPARTMENT’s rules at 92 Ill. Adm. Code 544.

1. Governmental Body and the DEPARTMENT have a mutual interest in and the maintenance and apportionment of energy costs for traffic control devices located on State highways within or near the Governmental Body as shown on the attached Exhibit A, which is hereby made a part of this agreement.
2. In furtherance of said interests of, the entities agree:
 - a. **Cost.** The DEPARTMENT and the GOVERNMENTAL BODY agree to the maintenance responsibility and to the division of energy costs, for the traffic signals and other traffic control devices listed on the attached Exhibit A.
 - b. **Maintenance.** Modernization of traffic control devices is not covered under this agreement. It is agreed that the actual maintenance will be performed by the DEPARTMENT indicated on Exhibit A, either with its own forces or through contractual agreements
 - c. **Maintenance Level.** It is agreed that the signals and devices shall be maintained to at least the level of maintenance specified in the attached Exhibit B, which is hereby made a part of this agreement. It is understood this will meet the minimum requirements of the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways. Additional provisions regarding maintenance may be incorporated in this document (Exhibit B) upon agreement by both parties.
 - d. **Interconnect & Timing.** The DEPARTMENT agrees to maintain all signal equipment and interconnects associated with interconnected signal systems or Advanced Traffic Management System and interconnects with at-grade railroad crossings, at DEPARTMENT maintained locations. The DEPARTMENT shall determine the signal timing to coordinate and regulate the flow of traffic. No signal timing shall be changed at any state system intersection without prior DEPARTMENT approval. The GOVERNMENTAL BODY shall submit to the DEPARTMENT any changes proposed in signal timings.
 - e. **Interconnections: Installation & Damage.** The DEPARTMENT is not responsible for the cost of installing or maintaining traffic signals not on (but interconnected to traffic signals on) U.S. or State routes. Any damage done to State traffic signals in the attempt to connect local traffic signals shall be repaired to the DEPARTMENT’s satisfaction and shall be the responsibility of the GOVERNMENTAL BODY.
 - f. **Master Monitoring Costs.** Master controllers installed on State intersections for the coordination of traffic signals are primarily used for the traffic signals located on U.S. or

State routes. The GOVERNMENTAL BODY may connect traffic signals to a State-owned master controller or Advanced Traffic Management System for the coordination or operation of non-State-owned traffic signals, for the purpose of synchronizing time or gaining remote access. If the GOVERNMENTAL BODY desires a communications link to their office for monitoring purposes, the GOVERNMENTAL BODY shall pay the entire cost of installing and maintaining such monitoring system.

- g. **Payment for Energy Costs.** The DEPARTMENT will reimburse the GOVERNMENTAL BODY for the DEPARTMENT'S proportionate share of the energy charges.
- h. **Indemnification.** Unless prohibited by State law, the GOVERNMENTAL BODY agrees to hold harmless and indemnify the DEPARTMENT, and its officials, employees, and agents, from any and all losses, expenses, damages (including loss of use), suits, demands and claims, and shall defend any suit or action, whether at law or in equity, based on an alleged injury or damage of any type arising from the actions or inactions of the GOVERNMENTAL BODY and/or the GOVERNMENTAL BODY's employees, officials, agents, contractors and subcontractors, and shall pay all damages, judgments, costs, expenses, and fees, including attorney's fees, incurred by the DEPARTMENT and its officials, employees and agents in connection therewith.

GOVERNMENTAL BODY shall defend, indemnify and hold the DEPARTMENT harmless against a third-party action, suit or proceeding ("Claim") against the DEPARTMENT to the extent such Claim is based upon an allegation that a Product, as of its delivery date under this Agreement, infringes a valid United States patent or copyright or misappropriates a third party's trade secret.

- i. **Emergency Vehicle Preemption Devices.** The costs of installation, timing, phasing, and maintenance of emergency vehicle preemption systems shall be the sole responsibility of the GOVERNMENTAL BODY. Any Governmental Body must notify the DEPARTMENT of any change in the emergency vehicle preemption system. However, the DEPARTMENT reserves the right to approve or reject, at any time, the placement of such systems on its traffic signal equipment.
- j. **Previous Agreements.** All traffic signal and traffic control device maintenance and electrical energy provisions contained in presently existing agreements or understandings between the DEPARTMENT and the GOVERNMENTAL BODY for traffic signals and/or other traffic control devices covered by this Master Agreement shall upon execution of this Master Agreement by the DEPARTMENT be superseded and be of no force or effect.

All parking ordinances and provisions bearing on items other than traffic signal and traffic control device maintenance and energy charges contained in presently existing agreements or letters of understanding between the DEPARTMENT and the GOVERNMENTAL BODY shall remain in full force and effect.

- k. **Modification.** Exhibit A can be modified to add or delete signals or devices, but only by written revision signed by the Regional Engineer, the Engineer of Operations and the authorized representative for the GOVERNMENTAL BODY. The modification shall be effective when fully executed and filed with the Department and the Clerk or Secretary of the GOVERNMENTAL BODY. This provision applies only to modification of Exhibit A.
- l. **Plan Review.** All traffic signal plans prepared by others for installation on State highways within municipal corporate limits, which are to be added to this agreement, must be reviewed and approved by the DEPARTMENT and the GOVERNMENTAL BODY.
- m. **Cost Sharing.** As indicated in Exhibit A, the cost of energy and maintenance of traffic signals, and/or other traffic control devices generally are shared in proportion to the number of approaches maintained by each unit of government, however, other DEPARTMENT policies and practices require cost sharing of energy and maintenance to be based on other criteria besides the number of approaches maintained. The maintenance costs of the interconnect system and related equipment as well as engineering costs for any approved coordination and timing studies shall be shared within the interconnect system, unless otherwise agreed to in a permit or by other agreement.
- n. **Jurisdictionally Transferred.** The GOVERNMENTAL BODY will be responsible for the maintenance costs of all traffic signal and/or other traffic control devices related to a roadway or roadways that has or have been jurisdictionally transferred by the DEPARTMENT to the GOVERNMENTAL BODY in a prior agreement(s).
- o. **Billing.** Bills shall be submitted by the DEPARTMENT on a three (3) month basis. The amount billed shall be the costs incurred less any proceeds from third party damage claims received during the billing period for repair of signals or devices that are the responsibility of the GOVERNMENTAL BODY.
 - i. Any proposed single expenditure in excess of \$10,000 for repair or damage to an installation must be approved by the GOVERNMENTAL BODY before the expenditure is made.
 - ii. The hours, or parts thereof, billed for each maintenance item will be at the actual time directly related to the work task.
 - iii. THE DEPARTMENT costs are composed of labor, equipment, materials and the quantity of each. The cost for labor will be determined by the actual hourly rate for the employee plus a multiplier to include direct and indirect labor related costs, retirement, social security, health, hospitalization and life insurance, holidays, vacation, sick leave and workers compensation. Equipment costs will be as listed in the Schedule of Average Annual Equipment Ownership Expense. Materials will be at cost.

- iv. The cost for contracted work will be the actual cost for the contractor. In District One, maintenance costs are based on the District's Electrical Maintenance Contract's (EMC) related bid cost and may vary from contract to contract. The length of District One's EMC is generally 2 to 3 years.

3. Notice under this agreement shall be as follows:

For The DEPARTMENT:

Name and Title

Phone number

Email Address

Address

For the GOVERNMENTAL BODY:

Eric Palm, Village Manager

Name and Title

847-882-9100

Phone Number

Eric.palm@hoffmanestates.org

Email Address

1900 Hassell Road

Hoffman Estates, IL 60169

Address

- 4. **Effective Date.** This Agreement shall be effective from July 1, 2021 through June 30, 2031 and may be terminated prior to that date, by either party, upon 30 days written notice.

FOR THE GOVERNMENTAL BODY:

Signature and Job Title of Authorized Representative

Type or Print Name of Authorized Representative

Date

FOR THE DEPARTMENT:

Jose Rios, Regional Engineer, Division of Highways

Yangsu A. Kim, Chief Counsel

Date

(Approved as to form)

By: _____

Director, Division of Highways, Chief Engineer

Joanne Woodworth, Acting Chief Fiscal Officer

Date

Date: _____

By: _____

By: _____

Omer Osman, Secretary of Transportation

Date

By: _____

EXHIBIT A

Following is the list of signalized intersections and locations with traffic control devices along State highways located within or near the Village of Hoffman Estates of Cook County that are subject to the provisions of the attached Master Agreement to which this list is an exhibit.

Page 1 of 2

As of 5/26/21

LOCATION	TS#	% OF MAINTENANCE RESPONSIBILITY			% OF ENERGY CHARGES RESPONSIBILITY			AGENCY PERFORMING MAINT.
		STATE	LOCAL	OTHER	STATE	LOCAL	OTHER	
Barrington Rd at Bode Rd	TS4170	100			100			STATE
Barrington Rd at Central Rd	TS4176	75		25 Union Pacific Realty	75		25 Union Pacific Realty	STATE
Barrington Rd at Hassell Rd	TS4175	50	25	25 Enviro Tech	50	25	25 Enviro Tech	STATE
Barrington Rd at Tennis Cl/Lakewood Blvd	TS4188	50	25	25 South Barrington	50	25	25 South Barrington	STATE
Barrington Rd at Mundhank Rd	TS4185	100			100			STATE
Barrington Rd at St Alexius Hospital	TS20400		100			100		STATE
Palatine at Chambers/Jewel	TS21805		100			100		STATE
Palatine at Huntington Blvd	TS5652	66 2/3	33 1/3		66 2/3	33 1/3		STATE
IL 58 at IL 59 (Sutton)	TS2700	100			100			STATE
IL 58 at Barrington Rd	TS2725	100			100			STATE
IL 58 at Bartlett Rd	TS2730	100			100			STATE
IL 58 at Gannon Dr	TS2760	*100			50	50		STATE
IL 58 at Harmon Blvd	TS21375	*100			66 2/3	33 1/3		STATE
IL 58 at Highland Blvd	TS2790	*100			66 2/3	33 1/3		STATE
IL 58 at Hoffman Village SC	TS20402		100			100		STATE
IL 58 at Moon Lk Blvd/Walnut Ln	TS2870	*100			50	25	25 Schaumburg	STATE
IL 58 at Rohrssen Rd	TS22225	50	50			100		STATE
IL 58 at Roselle Rd	TS2840	100			100			STATE
IL 59 at I-90 N Ramp/Poplar Creek/Sears	TS21535	75	25		75	25		STATE
IL 59 at I-90 S Ramp	TS21510	100			100			STATE
IL 59 at Poplar Creek Entrance	TS21537		100			100		STATE
IL 59 at Shoe Factory Rd	TS11130	100			100			STATE

Hoffman Estates

As of 5/26/21

LOCATION	TS#	% OF MAINTENANCE RESPONSIBILITY			% OF ENERGY CHARGES RESPONSIBILITY			AGENCY PERFORMING MAINT.
		STATE	LOCAL	OTHER	STATE	LOCAL	OTHER	
IL 62 at Ela Rd	TS2955	100			100			STATE
IL 62 at Freeman/Huntington Blvd	TS2960	75	25		75	25		STATE
IL 62 at Lexington Dr	TS7655	100			100			STATE
IL 62 at Winston	TS2957	66 2/3	33 1/3		66 2/3	33 1/3		STATE
IL 72 at IL 59	TS2895	100			100			STATE
IL 72 at Ash Road	TS3251	*100			50	50		STATE
IL 72 at Barrington Rd	TS3290	100			100			STATE
IL 72 at Bartlett Rd	TS3295	100			100			STATE
IL 72 at Beverly Rd	TS3340	66 2/3	33 1/3		66 2/3	33 1/3		STATE
IL 72 at Gannon Dr	TS3325	50	50		50	50		STATE
IL 72 at Governors/Moon Lake	TS3330	50	50		50	50		STATE
IL 72 at Grand Canyon Pkwy	TS21322	50	25	25 Schaumburg	50	25	25 Schaumburg	STATE
IL 72 at Huntington Blvd	TS12075	50	50			100		STATE
IL 72 at Old Sutton Rd	TS21560	75		25 PB	75		25 PB	STATE
IL 72 at Roselle Rd	TS3250	*100			100			STATE
IL 72 (Higgins) at Jones/Salem Dr	TS3255	50	12.5	37.5 Schaumburg	50	12.5	37.5 Schaumburg	STATE
IL 72 at Sears West Entrance	TS21557			100 Sears			100 Sears	STATE
IL 72 at Shoe Factory/Green Pt	TS11133		100			100		STATE
IL 72 at Trillium Blvd	TS21555		100			100		STATE

**EXHIBIT B
SHORT FORM
TRAFFIC SIGNAL MAINTENANCE PROVISIONS**

A. GENERAL PROVISIONS

1. CABINET PACK

Wiring diagrams, phase diagrams, and manuals that are required to be in each traffic signal controller cabinet at the time of construction completion shall remain in the cabinet. Written documentation of all traffic signal timing changes shall be provided in the cabinet. All entries shall be written in a clear and concise manner. The agent of the maintaining agency making any entries shall provide his/ her signature and date of entry. These shall be kept in the cabinet to assist the DEPARTMENT on emergency call outs.

2. HARDWARE SPECIFICATIONS

All equipment and material used shall comply with the requirements of the DEPARTMENT's Standard Specifications for Road and Bridge Construction and the district special provisions.

3. HIGHWAY LIGHTING

For maintenance involving combination traffic signal and lighting unit mast arm assemblies and poles, the foundation, traffic signal mast arm assembly, pole lighting arm, luminaire and lighting cable and all signal cable shall be considered part of the traffic signal system and are the responsibility of the DEPARTMENT.

The highway lighting system components of each combination mast arm assembly and pole shall be tested for proper operation and physical condition during the intersection cabinet inspection. All costs of repairing or replacing damaged or missing non-standard IDOT highway lighting system equipment is the responsibility of the GOVERNMENTAL BODY.

4. EMERGENCY VEHICLE PREEMPTION SYSTEM

Test Emergency Vehicle Preemption System (EVPS) equipment for proper operation and physical condition during the intersection cabinet inspection. All program settings and each sequence of operation must be verified to be correct during each inspection. All cost of inspection and maintaining the EVPS equipment, including the light detectors, light detector amplifiers, radio transmitters and receivers, antennas, confirmation lights, and cables and related components, is the responsibility of the GOVERNMENTAL BODY. In addition to regular inspection and maintenance, all cost of repairing or replacing damaged or missing EVPS equipment is the responsibility of the GOVERNMENTAL BODY.

5. RAILROAD PREEMPTION

At all locations with railroad/traffic signal interconnects, respond to any and all emergency and all red flash alarms in a timely manner and notify the Illinois Commerce Commission and the GOVERNMENTAL BODY of the malfunction.

None of the traffic signal railroad preempt parameters including but not limited to the phase timings, phase sequences and pedestrian and vehicular clearance intervals can be modified without prior approval from the Illinois Commerce Commission.

Maintain unique spare controller data modules or sets of data chips containing the final railroad preemption parameters for each location.

Cooperate in any inspection as deemed necessary by the DEPARTMENT or the Illinois Commerce Commission.

The DEPARTMENT shall provide contact personnel available at all times to who railroad preemption malfunctions must be reported.

6. DAMAGE REPAIRS

Repair or replace any and all standard DEPARTMENT equipment damaged by any cause whatsoever. Equipment owned by a third party, such as EVP, lighted street name signs, TSP, and the like are the responsibility of others.

7. ACCIDENT DAMAGE

Be responsible to make recovery for damage to any part of the installation or system from the party causing the damage.

Whenever third-party claims cannot be recovered, the GOVERNMENTAL BODY shall share in the loss.

8. TEMPORARY TRAFFIC CONTROL

Provide temporary traffic control during a period of equipment failure or for when the controller must be disconnected. This may be accomplished through the installation of a spare controller, placing the intersection on flash, manually operating the controller, manually directing traffic through the use of proper authorities, or installing temporary stop signs which will be removed once the signal is in working condition.

9. EMERGENCY PERSONNEL

Provide skilled maintenance personnel who will be available to respond without delay to emergency calls. This may be provided by agency forces, contract, or maintenance agreement. Controller failure, lights out, knockdowns, or two (2) red lights out at intersection are considered emergencies.

B. AS REPORTED OR OBSERVED

1. LAMP REPLACEMENT

Replace burned out lamps for all red signal indications within twenty-four (24) hours of notification of burnout or on the next business day following the notification. However, if two or more red indications for an approach are burned out, these lamps must be replaced as soon as possible, and under no circumstances longer than twenty-four (24) hours after notification. Replace all other burned out lamps within forty-eight (48) hours or next business day of notification of burnout. Lamp changes shall always include a lens cleaning.

2. SIGNAL ALIGNMENT

Keep signal heads properly adjusted, including plumb, and tightly mounted. All controller cabinets, signal posts and controller pedestals should be tight on their foundations and in alignment.

3. CONTROLLER PROBLEMS

Check the controllers, relays, and detectors after receiving complaints or calls to ascertain that they are functioning properly and make all necessary repairs and replacement.

4. L.E.D. SIGNAL HEAD AND L.E.D. MODULE REPLACEMENT

An L.E.D. module shall be considered failed and shall be replaced if the indication is dark or if the module fails to meet ITE specification on minimum maintained luminous intensity.

Replace failed modules for all red signal indications within twenty-four (24) hours of notification of failure or on the next business day following the notification. However, if two or more red indications for an approach are failed, these modules must be replaced as soon as possible, and under no circumstances longer than twenty-four (24) hours after notification. Replace all other failed modules within forty-eight (48) hours or next business day of notification of failure.

C. WEEKLY

1. MASTER CONTROLLER or ADVANCE TRAFFIC MANAGEMENT SYSTEMS

At locations that are a part of a closed loop signal or advance traffic management systems maintained by the GOVERNMENTAL BODY, repair any and all malfunctions in a timely manner so that the signals remain under the control of the master at all times.

As needed assist in the implementation of the signal system timing plans.

Maintain the central signal system software on a PC so that the signal system is monitored weekly. Check weekly by phone or location visit for any malfunction. Verify software accuracy to central office software.

D. BI-MONTHLY (Every 2 months)

1. CABINET INSPECTION

Check the controllers, relays, and detectors to ascertain that they are functioning properly and make all necessary repairs and replacement.

Keep interior of controller cabinet in a clean and neat condition at all times. Replace filters per manufacturer's recommendations.

2. OBSERVE SIGNALS

Observe the signals at the time of the bi-monthly cabinet inspection. This involves stopping and watching for correct detection and timing operation.

3. DETECTION TESTING

Test and inspect vehicle detection inductance loops, loop detectors, and pedestrian detection during cabinet visit bi-monthly.

4. VIDEO DETECTION TESTING

Inspect, maintain, and clean all video detection and surveillance systems bi-monthly or as needed, to achieve clean lenses, and adjust for proper alignment and proper focus. This shall include system camera, lenses, camera housings and hood/shield, pan tilt, and zoom mechanisms and motors, mounting brackets and hardware, poles, microprocessors, controller, cables and communication equipment, and other related components. Maintenance shall include modifications to programmable detection zones.

5. CONTROLLER CHECK

When controllers malfunction, they shall be removed, repaired, and bench checked. The controllers shall not be removed for annual maintenance inspections.

This bi-monthly check should verify software with central office software and reprint cabinet pack timings sheet. Controller check shall occur during the bi-monthly cabinet inspection.

6. FUSE AND BREAKER CHECKS

Fuse and breaker checks should occur during the bi-monthly cabinet inspection. Replace burned out fuses or deteriorated breakers as needed.

7. CLEARANCE TRIMMING

Remove any obstruction blocking the line of sight of the traffic signal face to the motorist including trimming trees, bushes or any other form of vegetation blocking said lines of sight.

E. GENERAL

1. ANNUAL HARDWARE INSPECTION

Inspect all mast arm assemblies, mast arm poles, brackets (or other types of hardware) supporting traffic heads or pedestrian signal heads on an annual basis.

2. ANNUAL CONFLICT MONITOR AND MMU TEST

Test all conflict monitors and MMUs once every two years in accordance with manufacturer recommendations.

3. PAVEMENT MARKINGS

In District 1, the GOVERNMENTAL BODY shall inspect stop bars, symbols, special pavement treatments and crosswalks and replace as necessary to insure proper motorist and pedestrian guidance;

Whereas, in District 2 through District 9, the cost of pavement markings is shared between the DEPARTMENT and the GOVERNMENTAL BODY according to Exhibit A.

4. The GOVERNMENTAL BODY shall also be responsible for maintenance of the installed street name signs on approaches to a State highway from a local road. Because of the value of street name signs to motorists, the GOVERNMENTAL BODY shall provide such signs at all named State highway intersections.

Existing 2011 – 2021
IDOT Master Agreement
For
Traffic Signal Maintenance on
State Highways



Illinois Department of Transportation

Division of Highways / Region 1 / District 1
201 West Center Court / Schaumburg, Illinois / 60196-1096
Telephone 847/705-4000

RT 1 (C) Village of Hoffman Estates Master Agreement

September 21, 2011

The Honorable William D. McLeod
Mayor
Village of Hoffman Estates
1900 Hassell Road
Hoffman Estates, IL 60169

RECEIVED

SEP 28 2011

**OFFICE OF THE MAYOR
AND TRUSTEES**


Dear Mayor McLeod:

Enclosed for your files, please find a completely executed Master Agreement for the traffic signals on state highways within the Village of Hoffman Estates.

If you have any questions regarding this matter, please contact Mr. Daryle Drew, Traffic Signals Engineer, at (847) 705-4424.

Very truly yours,

Diane M. O'Keefe, P.E.
Deputy Director of Highways,
Region One Engineer

By: 
Lisa E. Heaven-Baum, P.E.
Traffic Programs Engineer

Enclosure

INTERGOVERNMENTAL AGREEMENT

This Interagency Agreement is entered into between the Village of Hoffman Estates ("GOVERNMENTAL BODY") and the Department of Transportation ("DEPARTMENT") pursuant to the "Intergovernmental Cooperation Act" (5 ILCS 220) and in accordance with The DEPARTMENT's rules at 92 Ill. Adm. Code 544.

1. Governmental Body and the DEPARTMENT have a mutual interest in and the maintenance and apportionment of energy costs for traffic control devices located on State highways within or near the Governmental Body as shown on the attached Exhibit A, which is hereby made a part of this agreement.
2. In furtherance of said interests of, the entities agree:
 - a. **Cost.** The DEPARTMENT and the GOVERNMENTAL BODY agree to the maintenance responsibility and to the division of energy costs, for the traffic signals and other traffic control devices listed on the attached Exhibit A.
 - b. **Maintenance.** Modernization of traffic control devices is not covered under this agreement. It is agreed that the actual maintenance will be performed by the DEPARTMENT indicated on Exhibit A, either with its own forces or through contractual agreements
 - c. **Maintenance Level.** It is agreed that the signals and devices shall be maintained to at least the level of maintenance specified in the attached Exhibit B, which is hereby made a part of this agreement. It is understood this will meet the minimum requirements of the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways. Additional provisions regarding maintenance may be incorporated in this document (Exhibit B) upon agreement by both parties.
 - d. **Interconnect & Timing.** The DEPARTMENT agrees to maintain all signal equipment and interconnects associated with interconnected signal systems and interconnects with at-grade railroad crossings. The DEPARTMENT, in cooperation with the GOVERNMENTAL BODY, shall determine the signal timing to coordinate and regulate the flow of traffic. No signal timing shall be changed at any state system intersection without prior DEPARTMENT approval. The DEPARTMENT may elect to allow the GOVERNMENTAL BODY to determine the signal timing to coordinate and regulate the flow of traffic at any location. The GOVERNMENTAL BODY shall inform the DEPARTMENT of any changes made in signal timings. The DEPARTMENT reserves the right to withdraw the privilege of timing signals from the GOVERNMENTAL BODY at any time.

Traffic signals interconnected with an at-grade railroad crossing shall not be modified without prior Illinois Commerce Commission and DEPARTMENT notification and approval. Interconnected signals at an at-grade railroad crossing may be repaired to the original condition; however, the Illinois Commerce Commission and the DEPARTMENT must be notified thereof.

- e. **Interconnections: Installation & Damage.** The DEPARTMENT is not responsible for the cost of installing or maintaining traffic signals not on (but interconnected to traffic signals on) U.S. or State routes. Any damage done to State traffic signals in the attempt to connect local traffic signals shall be repaired to the DEPARTMENT's satisfaction and shall be the responsibility of the GOVERNMENTAL BODY.
- f. **Master Monitoring Costs.** Master controllers installed on State intersections for the coordination of traffic signals are primarily used for the traffic signals located on U.S. or State routes. The GOVERNMENTAL BODY may connect traffic signals to a State owned master controller for the coordination or operation of non-State owned traffic signals, for the purpose of synchronizing time or gaining remote access. If the GOVERNMENTAL BODY desires a communications link to their office for monitoring purposes, the GOVERNMENTAL BODY shall pay the entire cost of installing and maintaining such monitoring system.
- g. **Payment for Energy Costs.** The GOVERNMENTAL BODY will reimburse the DEPARTMENT for the GOVERNMENTAL BODY's proportionate share of the energy charges.
- h. **Indemnity.** The GOVERNMENTAL BODY shall indemnify and hold harmless the DEPARTMENT for any and all third party claims for personal injury and property damage arising solely out of the maintenance of the signals and devices listed in Exhibit A.
- i. **Emergency Vehicle Preemption Devices.** The costs of installation, timing, phasing, and maintenance of emergency vehicle preemption systems shall be the sole responsibility of the GOVERNMENTAL BODY. Any Governmental Body must notify the DEPARTMENT of any change in the emergency vehicle preemption system. However, the DEPARTMENT reserves the right to approve or reject, at any time, the placement of such systems on its traffic signal equipment.
- j. **Previous Agreements.** All traffic signal and traffic control device maintenance and electrical energy provisions contained in presently existing agreements or understandings between the DEPARTMENT and the GOVERNMENTAL BODY for traffic signals and/or other traffic control devices covered by this Master Agreement shall upon execution of this Master Agreement by the DEPARTMENT be superseded and be of no force or effect.

All parking ordinances and provisions bearing on items other than traffic signal and traffic control device maintenance and energy charges contained in presently existing agreements or letters of understanding between the DEPARTMENT and the GOVERNMENTAL BODY shall remain in full force and effect.

- k. **Modification.** Exhibit A can be modified to add or delete signals or devices, but only by written revision signed by the Regional Engineer, the Engineer of Operations and the authorized representative for the GOVERNMENTAL BODY. The modification shall be

effective when fully executed and filed with the Department and the Clerk or Secretary of the GOVERNMENTAL BODY. This provision applies only to modification of Exhibit A.

- l. Plan Review.** All traffic signal plans prepared by others for installation on State highways within municipal corporate limits, which are to be added to this agreement, must be reviewed and approved by the DEPARTMENT and the GOVERNMENTAL BODY.
- m. Cost Sharing.** As indicated in Exhibit A, the cost of energy and maintenance of traffic signals, and/or other traffic control devices shall be shared in proportion to the number of approaches maintained by each unit of government. The maintenance cost of the interconnect and interconnect related equipment, as listed in Exhibit A, as well as engineering costs for any approved coordination and timing studies, shall be shared in proportion to the approaches maintained by each unit of government at all intersections within the interconnected system.
- n. Billing.** Bills shall be submitted by the DEPARTMENT on a three (3) month basis. The amount billed shall be the costs incurred less any proceeds from third party damage claims received during the billing period for repair of signals or devices that are the responsibility of the GOVERNMENTAL BODY.

 - i.** Any proposed single expenditure in excess of \$10,000 for repair or damage to an installation must be approved by the GOVERNMENTAL BODY before the expenditure is made.
 - ii.** The hours, or parts thereof, billed for each maintenance item will be at the actual time directly related to the work task. The DEPARTMENT reserves the right to examine the records of the GOVERNMENTAL BODY to determine that costs billed are fully documented.
 - iii.** THE DEPARTMENT costs are composed of labor, equipment, materials and the quantity of each. The cost for labor will be determined by the actual hourly rate for the employee plus a multiplier to include direct and indirect labor related costs, retirement, social security, health, hospitalization and life insurance, holidays, vacation, sick leave and workers compensation. Equipment costs will be as listed in the Schedule of Average Annual Equipment Ownership Expense. Materials will be at cost.
 - iv.** The cost for contracted work will be the actual cost for the contractor.

3. Notice under this agreement shall be as follows:

For The DEPARTMENT:

For the GOVERNMENTAL BODY:

4. Effective Date. This Agreement shall be effective from July 1, 2011 through June 30, 2021 and may be terminated prior to that date, by either party, upon 30 days written notice.

FOR THE GOVERNMENTAL BODY:

William D. McLeod VP
Signature and Job Title of Authorized Representative

William D. McLeod 7/2/11
Type or Print Name of Authorized Representative Date

FOR THE DEPARTMENT:

Dane M. O'Keefe
Dane M. O'Keefe, Regional Engineer, Division of Highways

Ellen Schanzle-Haskins 8-31-11
Ellen Schanzle-Haskins, Chief Counsel Date

(Approved as to form)

By: _____

Christine M. Reed
Christine M. Reed, P.E., Director, Division of Highways, Chief Engineer

Matthew R. Hughes 9/6/11
Matthew R. Hughes, Director, Finance & Administration Date

Date: 9/8/11

By: _____

By: _____

Ann L. Schneider 9-9-11
Ann L. Schneider, Acting Secretary of Transportation Date

By: Lisa Kavanagh
Lisa Kavanagh
Assistant to Secretary

EXHIBIT A

Following is the list of signalized intersections and locations with traffic control devices along State highways located within or near the Village of Hoffman Estates, that are subject to the provisions of the attached Master Agreement to which this list is an exhibit.

Page 1 of 2

As of 07/05/11

LOCATION		% OF MAINTENANCE RESPONSIBILITY			% OF ENERGY CHARGES RESPONSIBILITY			AGENCY PERFORMING MAINT.
		STATE	LOCAL	OTHER	STATE	LOCAL	OTHER	
IL 58 @ Rohrssen Rd.	(S/TWP/M)	50	50		50	50		STATE
IL 58 @ IL 59 (Sutton)	(S)	100			100			STATE
IL 58 @ Bartlett Rd.	(S/CC)	100			100			STATE
IL 58 @ Barrington Rd.	(S)	100			100			STATE
IL 58 @ Hoffman Village S.C.	(S/M)		100			100		STATE
IL 58 @ Moon Lk. Blvd./Walnut Ln.	(S/M)	50	50		50	25	25 Schaumburg	STATE
IL 58 @ Harmon Blvd.	(S/M)	66 2/3	33 1/3		66 2/3	33 1/3		STATE
IL 58 @ Gannon Dr.	(S/M)	50	50		50	50		STATE
IL 58 @ Highland Blvd.	(S/M)	66 2/3	33 1/3		66 2/3	33 1/3		STATE
IL 58 @ Roselle Rd.	(S/CC)	100			100		0 Schaumburg	STATE
IL 59 @ I-90 N. Ramp	(S/P)	75	25		75	25		STATE
IL 59 @ I-90 S. Ramp	(S)	100			100			STATE
IL 59 @ Shoe Factory Rd.	(S/CC)	100			100			STATE
IL 62 @ Freeman Rd/Huntington Blvd.	(S/CC/M)	100			100			STATE
IL 62 @ Lexington Dr.	(S/TWP)	66 2/3	33 1/3		66 2/3	33 1/3		STATE
IL 62 @ Winston	(S/M)	66 2/3	33 1/3		66 2/3	33 1/3		STATE
IL 62 @ Ela Rd.	(S/TWP)	100			100			STATE
IL 72 @ Beverly Rd.	(S/CC)	66 2/3	33 1/3		66 2/3	33 1/3		STATE
IL 72 @ Trillium Blvd.	(S/M)		100			100		STATE
IL 72 @ Old Sutton Rd.	(S/CC/M)	75	25		75	25		STATE
IL 59 @ IL 72	(S)	100			100			STATE
IL 72 @ Bartlett Rd.	(S/CC)	100			100			STATE
IL 72 @ Shoe Factory/Green Pt.	(S/CC/M)		100			100		STATE
IL 72 @ Barrington Rd.	(S)	100			100			STATE

- (S) = State
- (M) = Municipality
- (CC) = Cook Co.
- (TWP) = Township
- (P) = Private

LOCATION		% OF MAINTENANCE RESPONSIBILITY			% OF ENERGY CHARGES RESPONSIBILITY			AGENCY PERFORMING MAINT.
		STATE	LOCAL	OTHER	STATE	LOCAL	OTHER	
IL 72 @ Governors/Moon Lake	(S/TWP/M)	50	50		50	50		STATE
IL 72 @ Huntington Blvd.	(S)	66 2/3	33 1/3		66 2/3	33 1/3		STATE
IL 72 @ Gannon Dr.	(S/CC)	50	50		50	50		STATE
IL 72 @ Jones Rd.	(S)	100			100			STATE
IL 72 @ Spring Mill Dr.	(S/M)	66 2/3	33 1/3		66 2/3	33 1/3		STATE
IL 72 @ Grand Canyon Pkwy.	(S/M)	50	25	25 Schaumburg	50	25	25 Schaumburg	STATE
IL 72 @ Roselle Rd.	(S/M)	100			100			STATE
IL 72 @ Ash Road	(S/M)	50	50		50	50		STATE
Barrington Rd @ Locust Dr/Lakewood Blvd.	(S/M)	66 2/3	33 1/3		66 2/3	33 1/3		STATE
Barrington Rd @ Center Rd.	(S/CC)	75		25 Union Pacific Realty	75		25 Union Pacific Realty	STATE
Barrington Rd @ Hassell Rd.	(S/P)	50	25	25 Enviro Tech	50	25	25 Enviro Tech	STATE
Barrington Rd @ Humana Hospital	(S/P)		100			100		STATE
Barrington Rd @ Bode Rd.	(S/CC)	100			100			STATE
Palatine @ Chambers/Jewel	(S/CC/M)		100			100		STATE

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EXHIBIT B TRAFFIC SIGNAL MAINTENANCE PROVISIONS

A. GENERAL PROVISIONS

1. CABINET PACK

Wiring diagrams, phase diagrams, and manuals that are required to be in each traffic signal controller cabinet at the time of construction completion shall remain in the cabinet. Written documentation of all traffic signal timing changes shall be provided in the cabinet. All entries shall be written in a clear and concise manner. The agent of the maintaining agency making any entries shall provide his/ her signature and date of entry. These shall be kept in the cabinet to assist the DEPARTMENT on emergency call outs.

2. HARDWARE SPECIFICATIONS

All equipment and material used shall comply with the requirements of the DEPARTMENT's Standard Specifications for Road and Bridge Construction.

3. HIGHWAY LIGHTING

For maintenance involving combination traffic signal and lighting unit mast arm assemblies and poles, the foundation, traffic signal mast arm assembly, pole and all signal cable shall be considered part of the traffic signal system. The lighting arm, luminaire and all lighting cable shall be part of the highway lighting system.

The highway lighting system components of each combination mast arm assembly and pole shall be tested for proper operation and physical condition during the intersection cabinet inspection. All cost of inspecting and maintaining the highway lighting system equipment, is the responsibility of the GOVERNMENTAL BODY. In addition to regular inspection and maintenance, all cost of repairing or replacing damaged or missing highway lighting system equipment is the responsibility of the GOVERNMENTAL BODY.

4. EMERGENCY VEHICLE PREEMPTION SYSTEM

Test Emergency Vehicle Preemption System (EVPS) equipment for proper operation and physical condition during the intersection cabinet inspection,. All program settings and each sequence of operation must be verified to be correct during each inspection. All cost of inspection and maintaining the EVPS equipment, including the light detectors, light detector amplifiers, radio transmitters and receivers, antennas, confirmation lights, and cables and related components, is the responsibility of the GOVERNMENTAL BODY. In addition to regular inspection and maintenance, all cost of repairing or replacing damaged or missing EVPS equipment is the responsibility of the GOVERNMENTAL BODY.

5. RAILROAD PREEMPTION

At all locations with railroad/traffic signal interconnects, respond to any and all emergency and all red flash alarms in a timely manner and notify the Illinois Commerce Commission and the GOVERNMENTAL BODY of the malfunction.

None of the traffic signal railroad preempt parameters including but not limited to the phase timings, phase sequences and pedestrian and vehicular clearance intervals can be modified without prior approval from the Illinois Commerce Commission.

Maintain unique spare controller data modules or sets of data chips containing the final railroad preemption parameters for each location.

Cooperate in any inspection as deemed necessary by the DEPARTMENT or the Illinois Commerce Commission.

The DEPARTMENT shall provide contact personnel available at all times to who railroad preemption malfunctions must be reported.

6. DAMAGE REPAIRS

Repair or replace any and all equipment damaged by any cause whatsoever.

7. ACCIDENT DAMAGE

Be responsible to make recovery for damage to any part of the installation or system from the party causing the damage.

Whenever third party claims cannot be recovered, the *GOVERNMENTAL BODY* shall share in the loss.

8. TEMPORARY TRAFFIC CONTROL

Provide temporary traffic control during a period of equipment failure or for when the controller must be disconnected. This may be accomplished through the installation of a spare controller, placing the intersection on flash, manually operating the controller, manually directing traffic through the use of proper authorities, or installing temporary stop signs which will be removed once the signal is in working condition.

9. EMERGENCY PERSONNEL

Provide skilled maintenance personnel who will be available to respond without delay to emergency calls. This may be provided by agency forces, contract, or maintenance agreement. Controller failure, lights out, knockdowns, or two (2) red lights out at intersection are considered emergencies.

10. L.E.D. SIGNAL HEADS

Install all light emitting diodes (L.E.D.) signal heads according to instructions provided by each head's manufacturer and vendor so as to prolong their life and assure compliance under any warranties. Maintain logs of the dates of the L.E.D. modules installation for warranty and for end of service life determination purposes.

B. AS REPORTED OR OBSERVED

1. LAMP REPLACEMENT

Replace burned out lamps for all red signal indications within twenty-four (24) hours of notification of burnout or on the next business day following the notification. However, if two or more red indications for an approach are burned out, these lamps must be replaced as soon as possible, and under no circumstances longer than twenty-four (24) hours after notification.

Replace all other burned out lamps within forty-eight (48) hours or next business day of notification of burnout. Lamp changes shall always include a lens cleaning.

2. SIGNAL ALIGNMENT

Keep signal heads properly adjusted, including plumb, and tightly mounted. All controller cabinets, signal posts and controller pedestals should be tight on their foundations and in alignment.

3. CONTROLLER PROBLEMS

Check the controllers, relays, and detectors after receiving complaints or calls to ascertain that they are functioning properly and make all necessary repairs and replacement.

4. L.E.D. SIGNAL HEAD AND L.E.D. MODULE REPLACEMENT

An L.E.D. module shall be considered failed and shall be replaced if at least one-fourth of the signal indication is dark or if the module fails to meet ITE specification on minimum maintained luminous intensity.

Replace failed modules for all red signal indications within twenty-four (24) hours of notification of failure or on the next business day following the notification. However, if two or more red indications for an approach are failed, these modules must be replaced as soon as possible, and under no circumstances longer than twenty-four (24) hours after notification. Replace all other failed modules within forty-eight (48) hours or next business day of notification of failure.

Provide replacement light emitting diodes (L.E.D.) signal heads and modules that fully comply to the latest applicable Institute of Transportation Engineers (I.T.E.) specifications for vehicular and pedestrian L.E.D. signal modules, including but not limited to, color and intensity requirements. The signal and pedestrian housings shall also comply with the applicable ITE specifications.

5. PAINTING

Repaint all signal components exposed to weather as needed.

C. WEEKLY

1. MASTER CONTROLLER SYSTEMS

At locations that are a part of a closed loop signal system maintained by the GOVERNMENTAL BODY, repair any and all malfunctions in a timely manner so that the signals remain under the control of the master at all times.

As needed assist in the implementation of the signal system timing plans.

Maintain the central signal system software on a PC so that the signal system is monitored weekly. Check weekly by phone or location visit for any malfunction. Verify software accuracy to central office software.

D. ANNUAL

1. CABINET INSPECTION

Check the controllers, relays, and detectors to ascertain that they are functioning properly and make all necessary repairs and replacement.

Keep interior of controller cabinet in a clean and neat condition at all times.

2. OBSERVE SIGNALS

Observe the signals at the time of the annual cabinet inspection. This involves stopping and watching for correct detection and timing operation.

3. DETECTION TESTING

Test and inspect vehicle detection inductance loops, loop detectors, and pedestrian detection during cabinet visit annually.

4. VIDEO DETECTION TESTING

Inspect, maintain, and clean all video detection and surveillance systems annually or as needed, to achieve clean lenses, proper alignment and proper focus. This shall include system camera, lenses, camera housings and hood/shield, pan, tilt, and zoom mechanisms and motors, mounting brackets and hardware, poles, microprocessors, controller, cables and communication equipment, and other related components. Maintenance shall include modifications to programmable detection zones.

5. RELAMP

For the remaining incandescent signal heads, clean reflectors, lenses and lamps once at least every twelve (12) months or more often, if necessary. Replacement of lamps shall be performed on the same occasion as the cleaning required in this provision.

6. CONTROLLER CHECK

When solid state controllers malfunction, they shall be removed, repaired, and bench checked. Solid state controllers shall not be removed for annual maintenance inspections.

This annual check should verify software with central office software and reprint cabinet pack timings sheet. Controller check shall occur during a annual cabinet inspection.

7. FUSE AND BREAKER CHECKS

Fuse and breaker check should occur during a annual cabinet inspection. Replace burned out fuses or deteriorated breakers as needed.

8. CLEARANCE TRIMMING

Remove any obstruction blocking the line of sight of the traffic signal face to the motorist. The maintaining agency shall trim trees, bushes or any other form of vegetation blocking said lines of sight. The maintaining agency shall remove, or order the removal of, any man-made obstructions such as signs or banners blocking said line of sight. Visibility for line of sight shall meet the standards established and contained in the Manual on Uniform Traffic Control Devices (MUTCD). All trimmed vegetation shall be legally disposed of by the maintaining agency off the right of way.

9. HARDWARE INSPECTION

Inspect all mast arm assemblies, mast arm poles, brackets (or other types of hardware) supporting traffic heads or pedestrian signal heads on an annual basis. The inspection shall focus on the structural elements of the mast arm assembly and must include a close up, arms length investigation of the mast arm, pole, mast to pole connection, base plate, and anchor bolts.

The arm of the assembly shall be visually inspected at all signal head connections for any defects, such as cracks or buckles. Inspect the mast arm to pole connection for significant loss of section, cracks in welds or base metal, and deterioration of the connection plates. The bolts

of the arm to pole connection shall be inspected for tightness and condition. Check the pole for external corrosion, impact damage, rust through perforation, deflection, distortion, or cracking. Closely inspect pole for corrosion near the base plate, especially if mounted on a grout bed. Check welds of the pole to base plate connection for cracks. Inspect base plate for section loss or deformation. Inspect mast arm anchor bolts for any corrosion or bending, and for loose or missing nuts.

Upon discovery of any buckles or significant structural defects (loose or missing nuts, severe corrosion or dents, cracks in welds, plate or structure, etc.), take corrective action in a timely manner.



VILLAGE OF HOFFMAN ESTATES

DEPARTMENT OF PUBLIC WORKS

June 2021 MONTHLY REPORT

SUBMITTED TO: Public Works Committee

July 2021

Joseph Nebel
Director of Public Works


Kelly Kerr
Assistant Director of Public Works

WATER SYSTEM INTERCONNECT WITH PALATINE

June 2020: Village Board authorized an intergovernmental agreement with the Village of Palatine (VoP) for joint engineering and construction of an emergency water system interconnect. A contract was awarded to Baxter and Woodman Inc. (B&W) for engineering services (design) and construction management of this project.

August 2020: A project kick-off meeting was held.

April 2021: Obtained easement agreement with Little City, owner of the property through which the system interconnect will be constructed. Preliminary engineering plan outline is complete with all necessary approvals from VoP, VoHE, and Little City. Design of the interconnect station and control system is complete. Topographical survey of the construction site is complete. Geotechnical investigation of the proposed route is complete. Preparation of bid documents and construction plan continues.

May 2021: Detailed design of the system interconnect is complete. Critical sites have been selected for soil sampling and Clean Construction or Demolition Debris (CCDD) testing. Final review of project PS&E is ongoing before bidding.

June 2021: Soil sampling and testing are complete for the CCDD assessment. Following a successful bid process, recommendation was made to award the construction contract in early July.

HUNTINGTON ROAD WATER MAIN REPLACEMENT

August 2019: Village Board authorized a contract with HR Green for engineering services for the replacement of approximately 2,500' of 16" transmission water main along Huntington Boulevard between Lakewood and Mundhank. The soil in this location is highly corrosive, causing excessive degradation of water main in this area.

May 2020: Design and engineering plans are complete. This includes 2,350' of 18" HDPE pipe with necessary valves and hydrants. IEPA construction permit issued. An application has been submitted to the State of Illinois Rebuild Illinois Public Infrastructure grant program to secure funding for this project.

June 2021: This project continues to be on-hold pending results from the 2020 Rebuild Illinois grant application.

GOLF LIFT STATION REPLACEMENT

May 4, 2020: Village Board authorized the construction contract with Rausch Infrastructure, LLC for Golf Road Lift Station Replacement. The scope of work covers replacing the existing steel can style lift station with a submersible pump lift station, temporary bypass pumping, demolition of the existing structure, rehabilitation of the existing wet well, and installation of the following: new concrete wet well and valve vault; submersible pumps and motors; controls in a prefabricated concrete building; and new emergency generator.

August 5, 2020: Pre-construction meeting was held and notice for construction to proceed was issued.

September 2020: Review of shop drawings for necessary revisions and corrections is complete. Construction was delayed due to unanticipated IDOT permit requirements.

October 2020: Construction was further delayed due to new ComEd requirements concerning the electric service line for the new station. The IDOT construction permit application was resubmitted including a widened driveway and directional boring for conduit installation that will cross Golf Road for the new electric line.

December 2020: Design of the new Golf Road conduit crossing for the ComEd service line is complete.

February 2021: Responded to all final comments from IDOT with corrected application and plan. Delivery of variable frequency drives (VFDs) has been scheduled.

March 2021: IDOT permit was issued. Construction is scheduled to begin in April.

April 2021: Construction has begun with installation of site fencing and closing of the right turn lane on Golf Road at this location. Removal of existing landscape vegetation and pavement is complete. New wet well H-beams were positioned for installation. Force main, bypass line, and electrical connection were exposed via hydro-excavation to avoid accidental damage.

May 2021: Installation of H-beams for new wet well structure is complete. Excavation for new wet well is 80% complete. Revisions to the new bypass pumping system plans are ongoing following discovery of a conflict with an existing conduit containing an IDOT traffic control signal fiber.

June 2021: Excavation for the new wet well is complete. Installation and construction of the new cast-in-place structure is 50% complete. A purchase order was issued to IDOT's contractor to relocate a traffic signal fiber/conduit that is in conflict with this project. This relocation work is pending IDOT approval.

WATER TOWER PAINTING – T2 AND T4

December 2, 2019: The Village Board authorized a contract with L.C. United Painting Co. for the painting of water towers at Stonington Boulevard (T2) and Huntington Boulevard (T4) and other miscellaneous items of work.

February 2020: Final approval for a low interest loan from the IEPA to fund this project was received.

April 2020: A pre-construction meeting was held. The siren post at T4 was relocated to avoid being damaged during this project and a temporary pole was installed to allow relocation of existing antennas affixed to the tower. Interior cleaning of T4 is complete with exterior cleaning in progress. A significant majority of metal repairs were completed including welding of the wet interior roof hatch and other minor rehabilitation.

May 2020: T4 painting is substantially complete including all metal repairs, foundation painting, and other miscellaneous work.

June 2020: T4 was returned to service on June 4, 2020 following disinfection and two consecutive successful water samples. Preparation for the painting of T2 began with minor metal repairs. All remaining work on T2 is scheduled to begin in September, 2020.

July and August 2020: No work was performed. The contractors was making effort to hire Illinois workers for the remaining work of T2 painting.

September 2020: Antennas for cellular services have been relocated back to T4 and the temporary tower has been removed. Landscape restoration is also complete at T4 site. The contractor is waiting for approval by the attorney general office for exemption from the employment act so that they can use the same crew of non-Illinois workers to start T2 painting.

October 2020: A request for a completion date extension was submitted to the IEPA for approval. The proposed new substantial completion date is June 30, 2021 with a new final completion date of July 30, 2021. The changed completion date will provide the contractor a guaranteed period of favorable weather to start and complete the project.

November 2020: Received IEPA approval for Change Order #2 regarding the extension of the final contract completion date to July 30, 2021.

June 2021: No progress. The contractor awarded this project has requested an extension to complete this project. The contractor has reported delays due to supply chain interruptions due to the COVID-19 pandemic, preventing them from obtaining the paint required for this project.

WATER DISTRIBUTION SYSTEM STUDY

April 1, 2019: The Village Board authorized a contract with Burns & McDonnell for engineering services to study and evaluate the water distribution system.

May 2019: A project kick-off meeting was held. Data collection and processing began.

September - November 2019: Necessary software was integrated with the Village SCADA system to allow a comprehensive analysis of water system operation. Plans were made for fire flow testing and telog installation. Work began on a hydraulic model of the water system. Field measurements (fire flows and pressures), field data insertion into the model, and model calibration is complete. Water tower evaluation is complete.

June 2020: A hydraulic evaluation of the distribution system continued, following a delay due to the COVID-19 pandemic, including analysis of existing or future water tower locations, potential water main improvements, and water storage turnover/replenishment as well as a detailed review and simulation of the hydraulic model.

July 2020: Preparation continued on the final report of this study. Analysis continued on pumping, pressure, and storage turnover/replenishment.

August 2020: Team meeting was held to review draft report and conduct simulation run of the hydraulic model of the water distribution system under various scenarios. Parameters for water main replacement analysis was outlined.

September 2020: Successful coordination meeting was held with JAWA operation team on pressure and flow control for T2 painting project.

October 2020: Evaluation of T2 isolation for painting and analysis of water system storage turnover/replenishment is complete.

November 2020: Finalized recommendations for the capital improvement plan concerning future plans for the water tower located at Aster Lane.

December 2020: Initial transmission main system improvement evaluations are complete.

February 2021: Conducted site visits to evaluate existing pump stations.

April 2021: Work for the final report, an in-depth evaluation of a water main replacement program, continues.

May 2021: Review of an initial draft report is complete. Comments have been submitted to the Engineer requesting revisions.

June 2021: No progress.

MWRD IICP ENGINEERING

July 2, 2018: The Village Board approved a contract with Baxter & Woodman Consulting Engineers for engineering and field services required for compliance with the MWRD Infiltration/Inflow Control Program (IICP), including: condition assessment of high-risk sanitary sewer infrastructure; preparation of a plan for rehabilitation of major defects within three years of identification; recording identified illegal connections in high-risk areas; development and implementation of an ongoing program to identify and disconnect these connections as a Private Sector Program (PSP); and development and submittal of annual reports under the MWRD Short Term Requirements and Long Term Operation and Maintenance Program (LTOMP).

August 2018: A project kick-off meeting was held. Planning for smoke testing of sanitary sewers in high-risk areas began.

October 2018: Smoke testing was completed in all high risk areas (12 sub-basins with a total of 133,133 feet of sewer mains) per MWRD standards. Review of the final report is complete and 4 areas were identified for dye water testing to further determine the source of infiltration and inflow at these sites.

May – June 2019: Camera inspection of the remaining 173 required manholes is complete. Dye water testing is complete. A list of critical sewer repairs to occur in 2019 and 2020 was selected for IICP compliance.

September 2019: Design engineering and preparation of bid documents is complete. The project was successfully bid out and awarded to Michels Pipe Services.

December 2019: A pre-construction meeting was held and work planning completed.

January – February 2020: Sewer cleaning and inspection is complete. The required annual compliance report was submitted to MWRD.

June 2020: Sanitary sewer rehabilitation via cured-in-place pipe (CIPP) lining began, delayed due to the COVID-19 pandemic. Rehabilitation of approximately 1,630' of pipe is complete.

July 2020: Repair and rehab is substantially complete in compliance for MWRD IICP for Year 2020. Approximately 4,350' of lining and all post lining video-inspection is complete. Compilation of a deficiency list is in progress with on-going review.

August 2020: The list of deficient items was send to contractor and correction has been completed. Also completed is the 3rd party testing of rehabilitated sewer for structure strength, pending engineer's review and approval.

September 2020: Review of the 3rd party testing results is completed by the engineer with recommendation to approve closing the 2020 project of sanitary sewer rehabilitated, pending final invoice from the construction contractor.

October 2020: Continued review of inspection footage in preparation for the 2021 critical sanitary sewer rehabilitation program.

November 2020: The final invoice for completed 2020 sewer rehabilitation work and review of MWRD comments on the annual compliance report are pending.

December 2020: The engineering proposal was reviewed and approved for assistance in completing the final 2020 compliance report. This work is projected to begin in January, 2021. Final invoice is pending for construction work completed in 2020.

January 2021: Annual compliance report for 2020 is being assembled. The final invoice has been approved for construction work completed in 2020.

February 2021: Annual compliance report for 2020 was submitted to MWRD.

March 2021: Prepared response for comments from MWRD and continued CCTV inspection of high risk sewers.

April 2021: Received final approval letter from MWRD regarding the Village's proposed Private Sector Program and Long-term Operation and Maintenance Program.

May 2021: Received final approval verbally from MWRD regarding the Village's annual compliance report for years 2017, 2018, and 2019. The Village is awaiting the formal approval letter.

June 2021: No progress.

Administration

1. Participated in the Illinois Public Works Mutual Aid Network (IPWMAN) recovery effort due to severe storm/tornado damage in the Village of Woodridge.

Customer Services

Fast Action Service Team (FAST):

Fast Action Service Team (FAST)												
Customer Service Requests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
132	116	212	196	195	236							1,087



Customer Service Team:

Customer Service Team												
Water Billing - Customer Service Appointments												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
35	20	46	66	56	31							254
Finance-generated Water Meter Readings												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
176	135	151	152	136	87							837
Delinquent Water Accounts												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
106	124	136	186	113	103							768
New Construction Inspections												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	1	2	1	2	1							8

Customer Service Requests - Gov Q&A/Meter Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
8	13	24	39	21	20							125
B-box Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	0	0	0	0	0							0
MIU Installations/Replacements												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
17	6	16	34	61	23							157

Utility Locates Team:

1. Continued support of the 2021 Road Recon Program;
2. Continued providing locates related to the Microsoft Data Center project.

Utility Locates Team												
JULIE Locates												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
130	95	529	229	805	727							2,515
Emergency JULIE Locates												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
19	18	34	17	54	83							225
Utility Joint Meets												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
3	2	12	6	22	16							61

Facilities

1. Replaced leaking water spigot at Fire Station 22;
2. Repaired Sunderlage House A/C unit;
3. Replaced Village Hall cooling tower pump motor;
4. Completed required annual fire alarm testing at all facilities;
5. Replaced failed variable frequency drive (VFD) at the PD firing range.

Facilities												
Preventative Maintenance Program - Staff Hours												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
104	79	128	111	99	117							639

Fleet Services

1. Prepared new unit #23 for service;
2. Prepared replaced vehicles to be auctioned.

Fleet Services												
Preventative Maintenance Program - Number of Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
17	25	33	27	18	36							156
Vehicles Sent for Warranty Repair												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
8	2	15	4	3	4							36

Forestry

1. Conducted brush clearing along the Route 72 bike path;
2. Prepared inventory information for 2021 contracted tree trimming program.

Forestry												
Customer Service Requests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
10	2	26	33	71	69							211

Maintenance & Construction

Storm Sewer Team:

1. Removed debris from the Parcel A creek system to improve flow.

Storm Sewer Team												
Feet of Storm Sewer Flushed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1,650	1,290	1,300	780	0	1,950							6,970
Catch Basin Rebuilds												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	1	0	3	5	6							15

Construction/Maintenance Team:

1. Continued hydrant painting program (385 complete YTD);
2. Performed an excavation at the NOW Arena to assist with contracted water proofing.

Construction/Maintenance Team												
B-box Repair/Replacement												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	1	7	5	4	7							25
Hydrant Replacement												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	0	1	1	4	5							11
Valve Repair/Replacement												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	0	2	2	2	0							6

Water Main/Service Line Leak Repairs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
3	0	4	4	2	3							16

Traffic Operations

Pavement Maintenance Team:

1. Assisted Street Light team with seasonal banner replacements;
2. Oversaw the completion of the 2021 contract pavement marking program;
3. Conducted water/sewer and stormwater excavation site restorations.

Pavement Maintenance Team												
Tons of Hot Asphalt Installed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0.0	0.0	0.0	30.8	30.9	43.8							105.5
Tons of Cold Asphalt Installed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
5.5	2.8	11.5	2.3	1.5	0.3							23.8

Sign Team:

1. Continued site obstruction clearance;
2. Performed type-I sign reposting on Essex Drive, Dennison Road, Durham Lane, W. Berkley Lane, Olive Street, Holly Lane, Maywood Lane, Dovington Drive West, Hundley Street, Hundley Way, Hundley Street West, Downy Street, Kingsdale Road, Topaz Drive, Olmstead Drive, and Kingston Drive.

Sign Team												
Repaired/Replaced Signs												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2	20	11	6	7	2							48
Signs Fabricated and Installed												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
41	22	24	109	126	342							664

Street Light Team:

1. Repaired 1 cable ground fault;
2. Assisted with signage for the annual community Fishing Derby;
3. Installed seasonal banners;
4. Installed vandalism cages over wall mounted lights under Hoffman Boulevard Bridge.

Street Light Team												
Customer Service Requests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	2	2	2	2	2							10

Street Lights Repaired												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
6	5	9	9	9	2							40

Water Operations

Operations Team:

1. Installed new control wires for the Chippendale lift station generator;
2. Capped leading corps from well lines at Aster Lane reservoir;
3. Installed new compressor motor at Abbeywood pumping station;
4. Sealed leaking joints at Freeman manhole cover to reduce infiltration;
5. Repaired control room dehumidifier and AC unit at WDA lift station;
6. Replaced variable frequency drive at Police Department gun range;
7. Installed new electrical feeds for ceiling fans and computers in basement at Fire Station 22.

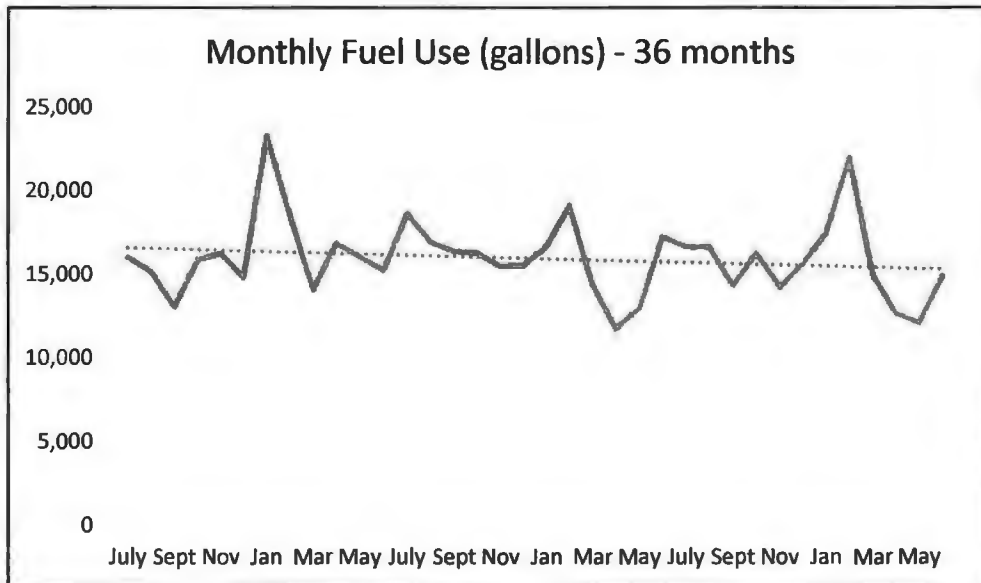
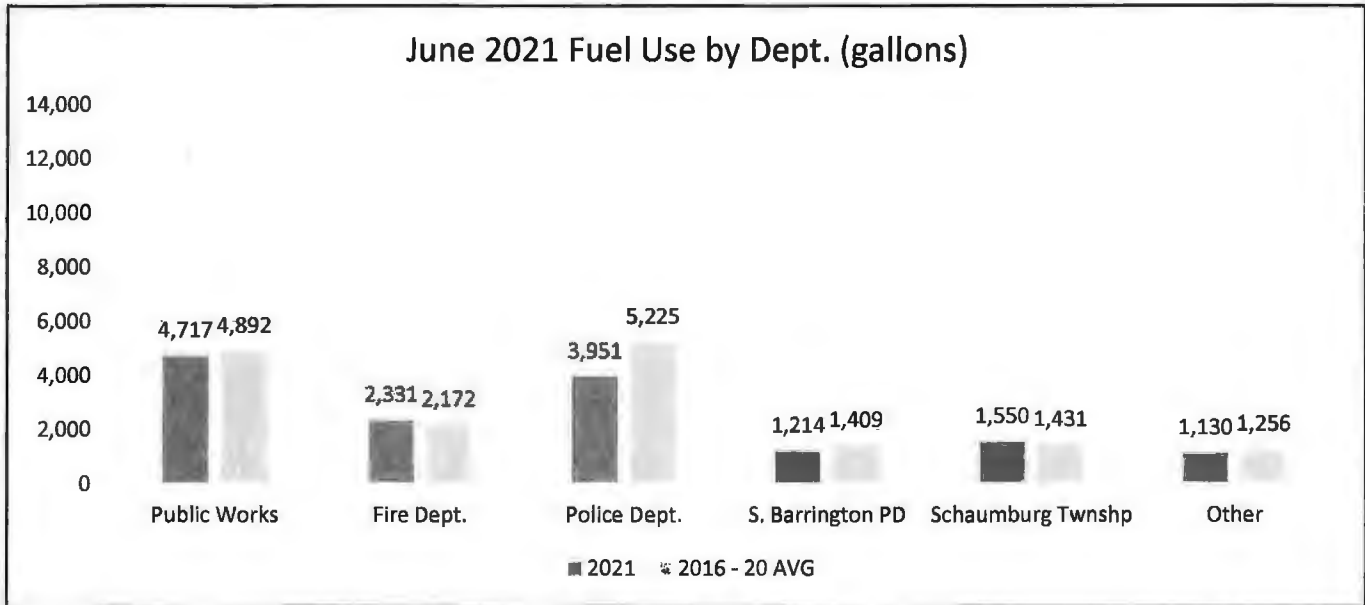
Operations Team												
Resident Water Quality Tests												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
0	5	6	4	4	3							22

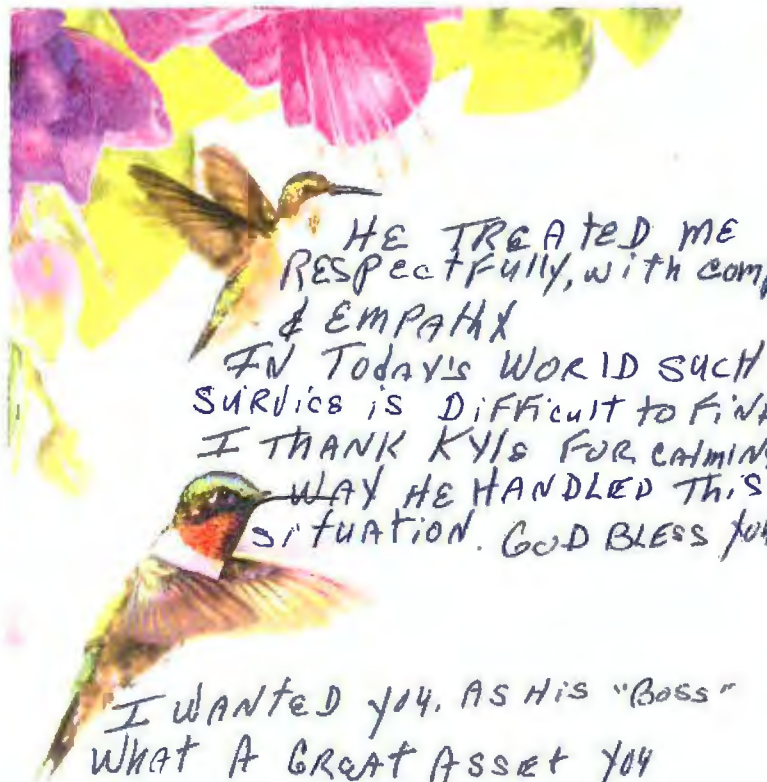
Sanitary Sewer Flow Management Team:

1. Continued hydrogen sulfide treatment at University lift station;
2. Televised collapsed storm sewer for Maintenance Team.

Sanitary Sewer Flow Management Team												
Sewer Lines Flushed (feet)												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1,200	1,300	4,880	15,000	20,200	30,500							73,080
Sanitary Main Inspections (feet)												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
200	350	740	250	330	200							2,070

Fuel Use Report





HE TREATED ME
RESPECTFULLY, WITH COMPASSION
& EMPATHY

IN TODAY'S WORLD SUCH
SERVICE IS DIFFICULT TO FIND.
I THANK KYLE FOR CALMING
THE WAY HE HANDLED THIS
SITUATION. GOD BLESS YOU.

I WANTED YOU, AS HIS "BOSS"
WHAT A GREAT ASSET YOU

HAVE ON YOUR TEAM—

SINCERELY
SHIRLEY CAMPANA
715 CHARLESTON LN
HOFFMAN EST—

DEAR SIR,

FIRST AN APOLOGY FOR THE

LATENESS OF THIS NOTE

THIS PAST APRIL, THINKING A PIPE
HAD BROKEN ON MY PROPERTY, I CALL
PUBLIC WORKS. A GENTLEMAN BY THE
NAME OF KYLE RESPONDED.
AFTER ASSURING ME THIS WAS
NOT THE PROBLEM—HE SUGGESTED WH
COULD BE WRONG.
WHEN NERVOUSLY ASKED, IF HE
COULD REPEAT BY PHONE TO MY SON-IN-
LAW NOT ONLY DID HE DO SO BUT RETURNED
THE NEXT DAY TO CONTINUE HIS TALK
WITH SON-IN-LAW

From: [Mike Pisanski](#)
To: [PublicWorks](#)
Subject: Re: 3945 N Firestone lane Hoffman Estates 60192. Dead tree on the parkway.
Date: Wednesday, June 9, 2021 6:55:42 PM

Hello Kathy,

I have received a call from David H.E. Forester this morning. He actually was by my house and updated me with the entire process. Such a nice and very professional man! I was very impressed with his knowledge of trees! Please forward my email to his Superintended or Manager because he needs to be recognized for his high level of customer service.

Thank you very much
Mike Pisanski
773 698 9920

On Tuesday, June 8, 2021, 03:26:42 PM CDT, PublicWorks <publicworks@hoffmanestates.org> wrote:

Mike-

I just checked your work order and do not see any updates. I'll add a note that you would like an update and give it to the Forester in the morning, okay?

Have a good night.

Kathy

From: Mike Pisanski [REDACTED]
Sent: Tuesday, June 8, 2021 3:20 PM
To: PublicWorks <PublicWorks@hoffmanestates.org>
Subject: Re: 3945 N Firestone lane Hoffman Estates 60192. Dead tree on the parkway.

Good afternoon Kathy,

I was wondering if you have any updates regarding our tree replacement?

Best Regards,

facebook

Everything Hoffman Estates

Shout out to the Village of Hoffman Estates Public Works Department

I left a voicemail yesterday about a sidewalk that has caused many people to fall-little kids on bikes, parents pushing strollers, elderly with caregivers- and asked that someone take a look at it. It's not even part of the sidewalk that runs in front of my house, but I see the mishaps all the time, so I took it upon myself to call.

I got a voicemail back this morning saying that a work order had been created. Wow, that was fast!

I did some errands this morning and noticed the HEPW truck stop this afternoon- to FINISH the work that was done on the sidewalk while I was away.

I am stunned, and ever so appreciative, of the speed with which this request was handled.

I usually am the one yelling, 'Thank you, Mr Snowplow Man!' but now I'll amend that today. 'Thank you Mr Sidewalk Man!' - Bill McLeod

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123

From: Natasha Ruiz [REDACTED]
Date: June 19, 2021 at 9:28:16 AM EDT
To: Bill McLeod <Bill.McLeod@cof.usma.edu>, Joseph Nebel <Joseph.Nebel@tufts.edu>
Subject: Warms my heart...

Dear Mayor McLeod and Mr. Nebel,

These young men are doing a WONDERFUL job painting the fire hydrant at 605 Almond! We wanted you to know :-)) Please tell their supervisor we said so! Kudos :-))

..
Natasha Ruiz

"If you want peace, you don't talk to your friends. You talk to your enemies." ~Desmond Tutu



VILLAGE OF HOFFMAN ESTATES
DEPARTMENT OF DEVELOPMENT SERVICES
ENGINEERING DIVISION MONTHLY REPORT

SUBMITTED TO: PUBLIC WORKS & UTILITIES COMMITTEE

BY: Alan Wenderski, P.E. Director of Engineering

July 2021

VILLAGE PROJECT UPDATES

2021 Street Revitalization Project

Work ongoing, see attached project update.

2021 Surface Transportation Program (STP) – Jones Road/Salem Drive Resurfacing

STP funding request for an additional \$79,939 to be presented to NWMC Tech Committee on July 23rd. Concrete removal and replacement work underway on Jones and Salem. Project scheduled to be completed by mid-August. V3 contracted for construction engineering services.

Almond/Audubon Culvert Replacement

Work complete, some punch list items ongoing.

Arizona Boulevard Storm Sewer

DCEO Grant Agreement executed on June 15th. Staff working on preparation of RFP for design services. Project required to be completed by July 2022.

Drainage Project

Staff updating cost estimates for potential project locations and preparing plans. Project scheduled for bid opening in late summer.

Higgins Road Culvert Railing

Plan preparation ongoing with expected submittal for staff review and IDOT permit week of July 19th. HLR contracted for design engineering services.

Preventative Maintenance Project

Contract awarded to Patriot Pavement Maintenance on July 6th. Awaiting execution of contracts and project schedule.

COMMERCIAL PROJECT UPDATES

1225-1249 N Barrington Rd (Formerly 2595 W Golf Rd)

Site water, sanitary, and storm sewer substantially complete. Site work has resumed and completion of underground utilities and on-site pavement is ongoing.

Bell Works East Entrance – 2000 Center Dr

Permit issued, work ongoing.

Birch Park (Hoffman Estates Park District) – 1045 Ash Rd

Storm sewer installation complete. Concrete restoration ongoing.

BMO – 1199 W Higgins Rd (Formerly 1400 Gannon Dr)

New building complete, temporary occupancy granted. Awaiting submittal for existing building demolition and as-built plans.

Bystronic/Eagle Way Extension – 2200 Central Rd

Punch list work complete. Awaiting recordation of Bystronic plat prior to proceeding with acceptance of on-site public utilities. Acceptance of Eagle Way presented at June committee.

ComEd – 2480 Pembroke Ave

MWRD final inspection complete. Awaiting submittal of as-built plans.

Fountain Crossing Lot 7b – 2951-2999 N Barrington Rd

Sanitary service and storm sewer installation substantially complete. Concrete work ongoing.

Hoffman Plaza – Higgins Rd & Roselle Rd

Phase 1: Awaiting final restoration of work area near detention basin and MWRD final inspection.

Outlot 3 – Banfield: Permit issued. Preconstruction meeting held on June 23rd. Site work underway.

Mariano's Gas Station – 2581 W Golf Rd

Site construction ongoing. Water, sanitary, and storm sewer installation complete.

Microsoft Data Center – 2190-2200 Lakewood Boulevard

Land development permit issued. Onsite mass grading work is ongoing.

- **Off-Site Sanitary Sewer Improvements**

Staff review of 50% design plans complete. 90% plan submittal expected to be received for review in early August. Other agency permit submittals to be expected upon completion of 90% design plans.

- **Pfizer Lift Station Study**

Village contracted with Burns & McDonnell to evaluate impacts of Data Center development on capacity of Pfizer Lift Station. Full costs of study to be reimbursed by developer.

Popeye's – 65 E. Golf Road

Awaiting cost estimate for calculation of required project guarantee. Awaiting issuance of MWRD and IDOT permits.

Roselle TIF Culvert Replacement

Plans under staff review.

Ziegler – 1051 W Higgins Rd

Parking lot and building work ongoing.

RESIDENTIAL PROJECT UPDATES**Autumn Woods – NW Corner Berner Road & Golf Road**

Village contracted with Burns & McDonnell to evaluate water system modeling for concept development. Full costs of water model evaluation reimbursed by developer.

Devonshire Woods – SW Corner of Shoe Factory Rd & Essex Dr

Final inspections completed in April 2021. Waiting for Lennar to complete remaining punch list items.

Walnut Pond Estates – NE Corner of Rohrssen Rd & McDonough Rd (Formerly Airdrie Estates)

Construction on Lot 2 ongoing. Staff completed review of revised submittal for required sidewalk construction on McDonough Drive and Rohrssen Road. Staff reviewed permit submittal for Lot 7.

MISCELLANEOUS UPDATES**Stormwater Updates**

2021 updates to Drainage Policy and Drainage Project Locations ongoing. Topic to be presented at future PW&U Committee meeting.

Staff compiling information for 5-year cycle recertification for Community Rating System (CRS).

Rebuild Illinois Capital Plan Funds – Stormwater

The Village has been unsuccessful in obtaining a timeline accessing the Rebuild Illinois capital funds that were originally approved in the 2019 capital plan. Staff continues to monitor the release of these funds and possible reallocation of funds for the approved projects. The 2019 capital plan allotted for a 5 year period to release all funds. Below is a table of the stormwater related projects included in the plan:

Legislative Description	Project	Type of Work	Funding
General	Almond / Audubon	Culverts	\$250,000
General	Arizona	Storm Sewer	\$300,000
Hermitage Lane	Hermitage	Storm Sewer	\$300,000

Grant agreement executed for Arizona Storm Sewer project. Funds to be reimbursed to Village upon expenditure of construction funds (expected in 2022).

Meetings & Training Attended

- Poplar Creek and Upper Salt Creek Watershed Planning Council meeting (July 14th)

Engineering Site Plan Reviews

- 1650 Algonquin Road – Dunkin Donuts
- Barrington Square Mall Outlot
- 2598 W. Higgins
- Roselle TIF Culvert
- Bell Works Residential
- 1555 Barrington Road

Short List Process for Professional Services

Staff released an open Request for Qualifications (RFQ) on July 1st. RFQ responses are due on July 15th and will be reviewed by Engineering and Public Works staff to create a short list of engineering service consultant firms available for future work through December 2023.

Floodplain Inquiries

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
2020	1	0	0	1	2	0	1	0	9	4	1	1	20
2021	0	0	0	1	0	0	1						2

Freedom of Information Requests

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
2020	0	0	4	0	2	1	4	1	3	4	2	2	23
2021	1	2	4	1	0	2	3						13

Permit Inspections

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
2020	31	39	21	16	45	27	36	35	36	55	29	19	389
2021	14	4	8	28	30	46	34						164

Permit Reviews

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
2020	4	2	13	10	27	32	29	19	20	16	10	5	187
2021	3	2	14	12	26	34	21						112

Summary for active month:

1 – Addition 4 – Commercial Concrete 2 – Detached Garage 3 – Drainage
 3 – Parking Lot 2 – Patio 2 – Residential Asphalt/Concrete 4 – Sealcoat

Residential Drainage Investigations

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
2020	4	3	11	11	41	47	33	4	4	5	4	1	168
2021	2	0	5	5	10	2	7						31

Alan Wenderski

From: Natasha Ruiz [REDACTED]
Sent: Friday, July 2, 2021 11:32 AM
To: Alan Wenderski
Subject: Kudos to Terry White

Hello Mr. Wenderski!

I am a citizen in Hoffman Estates. I wanted to share some feedback about one of your engineers. His name is Terry White. I had some questions and concerns and whilst I was walking the neighborhood, I saw Terry's car and flagged him down. He immediately stopped, got out of the car to answer my questions and concerns about a local project.

I just wanted to say he was kind, courteous and extremely knowledgeable. I wanted to email him a thank you note but I could not find his email address on the village website. Please forward this message and/or thank him for being such a wonderful member of the Hoffman Estates Engineering team.

--
Natasha Ruiz

"If you want peace, you don't talk to your friends. You talk to your enemies." ~Desmond Tutu

2021 Street Revitalization Project Schedule Update: (Week of July 12, 2021)

RECONSTRUCTION STREETS	Start Date ¹	Pre-Construction			Construction													Landscaping		Percent Complete		
		Layout	Tree Root Pruning	Sawcutting	Concrete Removal	Asphalt Removal	Earth Excavation	Sub base Backfill	Storm Sewer	Curb & Gutter	Driveway Aprons	Sidewalks	Fine Grading	Asphalt Binder	Asphalt Surface	Striping	Backfill Topsoil	Sod & Seed				
1. ALPINE LANE Ash Rd to Arizona Blvd	6/7/2021		n/a																		80%	
2. BEACON COURT Westbury Dr to End of Street	6/1/2021		n/a																			99%
3. CARTHAGE LANE Cumberland St to Arizona Blvd	7/15/2021		n/a																			0%
4. COCHISE STREET Chandler Ln to Arizona Blvd	6/14/2021		n/a																			80%
5. CRAB ORCHARD DRIVE Thornbark Dr to Downing Dr	6/1/2021		n/a																			99%
6. DEVONSHIRE LANE Kingsdale Rd to Glen Lake Rd	6/14/2021		n/a																			80%
7. EDGEFIELD LANE Kenwood Rd to End of Street	7/26/2021																					0%
8. FLAGSTAFF LANE Washington Blvd to Grand Canyon St	6/29/2021																					66%
9. GREYSTONE PLACE Holbrook Ln to End of Street	7/26/2021																					5%
														Completed		In Progress						

¹Tentative / Actual

Definition of Construction Steps:

- Layout: Village engineers evaluate existing conditions, determine removals, and complete construction staking.
- Tree Root Pruning: A circular saw machine cuts tree roots to reduce damage to the tree during construction.
- Saw Cutting: A circular saw machine cuts the concrete and asphalt at construction joints.
- Concrete Removal: The contractor removes existing sidewalk, curb and gutter, and driveway aprons that will be replaced.
- Asphalt Removal: The contractor either uses a backhoe or milling machine to remove existing asphalt layers.
- Earth Excavation: Removal of the all materials located below the existing road to a stabilized subgrade.
- Sub base Backfill: The installation of stone to a depth of 8"-12" with a layer of geotextile fabric.
- Storm Sewer: Repair and replacement of existing storm sewer structures and pipes.
- Curb & Gutter: The installation of concrete curb & gutter utilizing mechanical equipment or hand tools.
- Driveway Aprons: The replacement of asphalt and concrete driveway aprons.
- Sidewalks: The replacement of concrete public sidewalks.
- Fine Grading: The shaping of the stone sub base to ensure drainage, compaction, and elevation.
- Asphalt Binder: The first layer of asphalt.
- Asphalt Patching: Repair of localized pavement failures on resurfacing streets.
- Asphalt Surface: The final layer of asphalt.
- Striping: Completion of permanent pavement striping.
- Backfill Topsoil: Placement of topsoil to areas that have been disturbed during construction.
- Sod & Seed: Placement of sod and seed to areas that have been disturbed during construction.

2021 Street Revitalization Project Schedule Update: (Week of July 12, 2021)

RESURFACING STREETS	Start Date ¹	Pre-Construction		Construction										Landscaping		Percent Complete	
		Layout	Sawcutting	Concrete Removal	Asphalt Removal	Storm Sewer	Curb & Gutter	Driveway Aprons	Sidewalks	Asphalt Binder	Asphalt Patching	Asphalt Surface	Striping	Backfill Topsoil	Sod & Seed		
1. BERKLEY LANE W Western St to Washington Blvd	4/20/2021											n/a					99%
2. CHARLEMAGNE DRIVE N Versailles Rd to Freeman Rd	6/1/2021											n/a					99%
3. DENNISON ROAD Cambridge Ln to Durham Ln	4/14/2021											n/a					99%
4. DOVINGTON DRIVE W Chatsworth Ln to Gannon Dr	5/17/2021							n/a									99%
5. DOWNEY STREET Bode Rd to End of Street	5/5/2021											n/a					99%
6. DURHAM LANE Ashley Rd to Highland Blvd	4/13/2021																99%
7. ESSEX DRIVE Shoe Factory Rd to Beacon Pointe Dr	4/9/2021							n/a				n/a					100%
8. ESSEX DRIVE Caribou Ln to Shoe Factory Rd	4/5/2021							n/a				n/a					100%
9. HOLLY LANE Aspen St to End of Street	5/13/2021			n/a		n/a	n/a	n/a	n/a						n/a	n/a	99%
10. HUNDLEY STREET N Hundley St to End of Street	5/5/2021											n/a		n/a			100%
11. HUNDLEY STREET W Hundley St N to Downey St	5/5/2021											n/a		n/a			100%
12. HUNDLEY WAY Bode Rd to Hundley St	5/5/2021											n/a					99%
13. HUNTERS RIDGE WEST Fox Path Ln to Falcon Ln	4/5/2021							n.a	n/a			n/a					100%
14. KELBERG AVENUE Delaney Dr to Canterbury Ln	4/9/2021											n/a		n/a			100%
15. KELLEY DRIVE Elliott Dr to Landers Dr	4/9/2021											n a		n a			100%
16. KINGSDALE ROAD Golf Rd to Darlington Cir W	5/4/2021											n a					99%
17. KINGSTON DRIVE Chambers Dr to Bradwell Rd	5/19/2021											n.a					99%
											Completed		In Progress				

¹Tentative / Actual

2021 Street Revitalization Project Schedule Update: (Week of July 12, 2021)

RESURFACING STREETS	Start Date ¹	Pre-Construction		Construction										Landscaping		Percent Complete	
		Layout	Sawcutting	Concrete Removal	Asphalt Removal	Storm Sewer	Curb & Gutter	Driveway Aprons	Sidewalks	Asphalt Binder	Asphalt Patching	Asphalt Surface	Striping	Backfill Topsoil	Sod & Seed		
18. LINCOLNSHIRE LANE Partridge Hill Dr to Partridge Hill Dr	5/4/2021							n/a				n/a					99%
19. MALLARD LANE Hunters Ridge W to 1405 Mallard Ln	4/5/2021							n/a				n/a		n/a			100%
20. MAYWOOD LANE Milton Ln to Washington Blvd	4/26/2021											n/a					99%
21. OLIVE STREET Berkley Ln (W) to Alcoa Ln	4/20/2021																99%
22. OLMSTEAD DRIVE Mumford Dr to Palatine Rd	5/18/2021							n/a									99%
23. TOPAZ DRIVE Opal Dr to Mumford Dr	5/25/2021											n/a					99%
¹ Tentative / Actual										Completed		In Progress					