



HOPKINSVILLE WATER ENVIRONMENT AUTHORITY

Bid Packet:

FY 2025 - 2026
Sealed Bid # 2425-06
SOW # 01-2025 - Hopkinsville Manhole Rehabilitation

Bid Opening:

Thursday, April 17, 2025 @ 2:00 P.M. CST
401 East 9th Street, Hopkinsville, KY, 42240
HWEA Boardroom

BID PACKET

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IMPORTANT: In the event any of the documents are not enclosed, please advise the Procurement Officer immediately.



INVITATION TO BID

Sealed bids for furnishing and delivering the following:

FY 2025 - 2026

Sealed Bid # 2425-06

SOW # 01-2025 - Hopkinsville Manhole Rehabilitation

will be received at HWEA's Main Office, 401 East 9th Street, P. O. Box 628, Hopkinsville, Kentucky, until 2:00 p.m., CST, on Thursday, April 17, 2025, at which time the bids will be opened and read aloud publicly in the HWEA Board Room, at the same address.

The Bid Packet contains the Invitation to Bid, General Conditions, Specifications, and Detailed Specifications.

GENERAL CONDITIONS

1. INSTRUCTIONS, SPECIFICATIONS AND FORMS

Instructions, specifications and forms may be obtained via the HWEA website, in person, or by email from the HWEA Procurement Officer at 401 East 9th Street, Hopkinsville, KY, 42240. Telephone number 270-887-2782, email mwesterfield@hwea-ky.com, or see our website at www.hwea-ky.com.

- (a) All bids shall be submitted on and in accordance with the attached Bid Form. The form shall be signed and dated in the appropriate space.
- (b) Each bid shall be submitted in a sealed envelope and clearly marked on the outside of the envelope with the following:

FY 2025 - 2026
Sealed Bid # 2425-06
SOW # 01-2025 - Hopkinsville Manhole Rehabilitation

- (c) If forwarded by mail, the sealed envelope containing the proposal must be enclosed in another envelope: FY 2025 - 2026 - SEALED BID # 2425-06 – SOW # 01-2025 - HOPKINSVILLE MANHOLE REHABILITATION and shall be mailed to the HWEA Procurement Officer, P.O. Box 628 Hopkinsville, KY 42241, allowing sufficient time for such mailing to reach this address prior to the scheduled closing time for receipt of bids.
- (d) Additional information or clarifications of any of the instructions or information contained herein may be obtained from the Procurement Officer.
- (e) Any bidder or bidders finding any discrepancy in or omission from the specifications, in doubt as to their meaning, or believing that the specifications are discriminatory, shall notify the Procurement Officer in writing within 5 days of the scheduled opening of bids. Exceptions as taken in no way obligate HWEA to change the specifications. The Procurement Officer will notify all bidders in writing of any interpretations made of specifications or instructions.
- (f) HWEA will assume no responsibility for oral instructions or suggestions. All official correspondence regarding the specifications should be directed to and will be issued by the Procurement Officer.
- (g) The successful bidder may have to purchase a City of Hopkinsville vendor's license prior to the official award of the bid, in order to meet the requirements of City of Hopkinsville ordinances.

- (h) Any bidder may withdraw their bid either in person or in writing at any time prior to the scheduled time for the receipt for bids. Withdrawals after the scheduled time for the receipt of bids will not be permitted.

2. AWARD OF CONTRACTS

- (a) The HWEA Board may award the contract to the bidder it finds to be the most responsive (considering price, time of delivery, compliance with specifications and past experiences) and not necessarily the lowest price. HWEA reserves the right to reject any and all bids.
- (b) All bids will be awarded based on the most current edition of HWEA's Purchasing Policy, as amended.
- (c) All bids will be judged on the basis of best buy to HWEA and compliance with the General Conditions and conformance with the bid specifications. HWEA reserves the right to reject any and all bids.
- (d) Any other considerations or basis for judgment will be stated in the specifications.
- (e) Unless otherwise stated, the Procurement Officer reserves the right to award contracts or place orders to a single source or divide awards and orders or enact such a combination which in his judgment, shall be in the best interest of HWEA.

3. DELIVERY

- (a) Item(s) shall be delivered F.O.B. destination with delivery costs and applicable charges to be included in the bid.

4. COMPETITION

In order to ensure fair competition and to permit determination of the best bid:

- (a) The Detailed Specifications, which may include a name of any manufacturer, trade name, or manufacturer or vendor catalog number mentioned in the specifications or Bid Form is to designate a standard of quality and type and for no other reason.
- (b) Bids which show any omission, irregularity, alteration of forms, additions not called for, conditional or unconditional unresponsive bids, or bids obviously unbalanced may be rejected.
- (c) All bids shall be accompanied by such descriptive literature and documents as may be called for by specifications or Bid Form.

- (d) Specifications provided are based on HWEA needs and uses, estimated costs of operation and maintenance, and other significant and / or limiting factors to meet HWEA requirements and shall be consistent with HWEA's policies. Minimum or maximum specifications where included, are not established arbitrarily to limit competition or to exclude otherwise competitive bidders.

5. DISPUTES

In cases of disputes, as to whether an item or service quoted or delivered meets specifications, the decision of the Procurement Officer, or authorized representative shall be final and binding on all parties. The Procurement Officer may request a written recommendation from the head of the Department using the item.

6. EXCEPTIONS

The submission of a bid shall be considered an agreement to all the terms, conditions and specifications provided herein as listed in the various bid documents, unless specifically noted otherwise in the space provided on the Bid Form.

7. BID BINDING

Unless otherwise specified, all formal bids submitted shall be firm and irrevocable for a period of sixty (60) calendar days from the date of opening.

8. UNIT PRICING

Unless clearly shown on the Bid Form that it is the intent of the bidder that a reduced total price is being offered on the basis of receiving an award of all items covered by the total, any totals should be the actual sum of the extension of unit price(s), extended price(s), and/or total price(s). If a mistake is observed in arithmetic, unit prices govern, and the bid will be refigured accordingly.

9. DELIVERY TIME

The bidder is to indicate on the Bid Form the approximate lead time on delivery.

10. WARRANTY

The material / services furnished in accordance with these specifications shall be guaranteed to be free from defect in workmanship, material or equipment.

SPECIFICATIONS

A. General

The work shall include the furnishing of all labor, materials, equipment, tools, supervision, Shop Drawings, traffic control, and related items, as required and specified, to rehabilitate approximately twenty-eight (28) sanitary sewer manholes (SSMH) at various locations in Hopkinsville, for the Hopkinsville Water Environment Authority (HWEA), of Hopkinsville, KY., hereafter referred to as the Owner.

B. Description of Work

The work shall include the following tasks. These tasks are included as a general description of the work to be completed and are not meant to be all-inclusive. A complete project shall be defined as the installation of any and all construction materials and work that is necessary in order that the structures are water-tight in regard to groundwater infiltration and sewage flow is unimpeded.

1. Line approximately (28) SSMH's including bench walls.
 - a. Approximately 171.2 VF
 - b. Remove steps as needed.
 - c. Line SSMH channel inverts as needed.
 - d. Repair minor damage and stop leaks in SSMH walls, bench, & invert with grout/liner/patch material as needed.
2. Rebuild SSMH invert / bench walls.
 - a. Approximately (5) invert / bench walls.

C. Description of Owner Supplied Materials

See section 'D' below.

D. Description of Owner Supplied Services

1. The Owner shall be responsible for observation / inspection of the work.
2. The Owner shall remove existing dirt, gravel, and/or asphalt from obstructed SSMH covers to gain access, then furnish and install similar backfill, as needed.
3. The Owner shall jet and/or vacuum surcharged manholes, as needed.
4. The Owner shall have a representative accompany the rehabilitation crew that has the authority to add or subtract work to each SSMH depending on the conditions observed in the field. The Owner's representative shall take field measurements to be used in processing payment invoice(s).

E. General Conditions

1. Prior to work commencement, the Contractor shall schedule and coordinate all work with the Owner.
2. The Contractor shall comply with all OSHA regulations and HWEA safety regulations that apply to work associated with this project.
3. The Contractor shall comply with all Environmental Protection Agency (EPA) regulations which apply to the work associated with this project.
4. Payment will be made in a single lump-sum, inclusive of any Change Orders, within 30 days of Contractor invoicing and Owner acceptance.
5. The work shall be completed during the Contract Times specified in the *Notice to Proceed*.
6. *Liquidated Damages* shall be assessed for each day in excess of the Contract Times, should the Contractor not make readiness for Final Payment as stipulated in the *Notice to Proceed*. Contract Time extensions may be requested for reasonable delays outside the Contractor's control (unexpected material lead times, inclement weather, employee quarantine orders, etc.). Approved Contract Time extensions will be implemented with a Change Order.
7. The Contractor shall be responsible for removing and disposing of all materials which are scheduled to be removed including any construction debris. Any item designated as salvage will be made available to the Owner in as best condition as possible.
8. No part of the work shall be subcontracted out without written permission from the Owner.
9. The use of second hand or salvaged construction materials will not be permitted by the Owner.
10. The Contractor shall, at his own expense, procure all permits, certificates and licenses required by law for the execution of his work. He shall comply with all federal, state, and local laws, ordinances, or rules and any regulations relating to the performance of the work.

11. A Certificate of Insurance shall be provided which names Owner as a certificate holder insured in amounts as listed below:

Worker's Compensation	- Statutory
Employer's Liability:	
Bodily Injury by Accident	- \$ 500,000 Each Accident
Bodily Injury by Disease	- \$ 500,000 Each Employee
Bodily Injury by Disease	- \$ 500,000 Policy Limit
Automotive Liability	
Bodily Injury & Property Damage	- \$ 1,000,000 Each Accident
Commercial General Liability	
Bodily Injury & Property Damage	- \$ 1,000,000 Per Occurrence
Bodily Injury & Property Damage	- \$ 2,000,000 Aggregate
Commercial Umbrella	- \$ 5,000,000 Per Occurrence

F. Special Conditions

1. The workspace within the SSMH's shall be considered Permit Required Confined Space entry and the Contractor shall be responsible for ensuring that all OSHA requirements with regards to such shall be strictly followed and enforced.
2. The Contractor shall furnish, install, maintain, and remove necessary traffic signs, barricades, lights, signals, cones, pavement markings, and other traffic control devices. Perform traffic control in accordance with the City of Hopkinsville, KYTC, HWEA Safety Protocols, MUTCD, and OSHA Regulations for Construction Projects.
3. Since the work is near residential neighborhoods and noise pollution is a consideration, the work shall be completed between the hours of 7:30 am to 4:30 pm, Monday through Friday. No weekend work shall be allowed except as allowed by the Owner.
4. No payment will be made by the Owner for Stored Materials.
5. The Contract Times for the project shall be 60 calendar days.
6. *Liquidated Damages* shall be assessed at \$100 per calendar day.
7. The Contractor shall make all efforts necessary in order to ensure that sewage does not overflow any Owner manholes or lift stations.
8. The Contractor shall provide sewage bypass via flow-through plugs or HWEA approved equal on SSMH's which require the invert to be lined, repaired, or rebuilt.

G. Construction Plans / Technical Specifications

1. The Contractor shall submit technical data and installation sheets for the lining system. HWEA pre-approved lining systems:
 - a. SpectraShield®

- b. OBIC® Armor 1000
 - c. Reliner MSP® Cement & Raven® 405 Epoxy
 - d. Cemtec® Silatec MSM & Duraplate® Epoxy
 - e. ProSpec® Blendcrete & Spraywall® (125 Mils)
- 2. See Exhibit - A for the Manhole List with approx. depths, diameters, and special comments.
 - 3. See Exhibits - B-T for detailed maps of the Manhole Locations.

H. Quality of Work

- 1. All work shall be completed to the Owner's satisfaction. All methods and installation shall be coordinated with the Owner to ensure a timely and professional job.
- 2. All materials provided by the Contractor under this contract shall be warranted for a period of at least ten (10) years from the date of final certificate of payment. The Contractor will be required to sign a Warranty for their workmanship performed under this Contract warranting said work for a period of one (1) year.

BIDDER SPECIFICATIONS

Bidder is requested to indicate either by writing "Comply" or "Exceptions" whether his product meets the minimum specifications as listed on this opposite side. If "Exception" is written, please indicate in the space providing the deviation or include a detailed "EXCEPTIONS PAGE" with the bid packet.

ANY AND ALL BIDS WHICH ARE RETURNED MUST HAVE THE FOLLOWING PAGES COMPLETED AND RETURNED OR BID MAY NOT BE CONSIDERED.

DETAILED SPECIFICATIONS

The work shall include the following tasks. These tasks are included as a general description of the work to be completed and are not meant to be all-inclusive. A complete project shall be defined as the installation of any and all construction materials and work that is necessary in order that the structures are water-tight in regards to groundwater infiltration and sewage flow is unimpeded.

HWEA's Standards Manual is incorporated into this bid packet as the technical specifications for this project. A digital copy (PDF) of the HWEA Standards Manual is available upon request from the HWEA's Engineering Department.

- ♦ See attached Exhibit A - Hopkinsville SSMH List
- ♦ See attached Exhibit B-T - Hopkinsville SSMH Locations

DESCRIPTION	COMPLY	EXCEPTION
Shall comply with all specifications listed under General Specifications		
Liner must be equal or exceed Spectra-Shield®, OBIC® Armor 1000 / Guard 1306, Reliner MSP® Cement & Raven® 405 Epoxy, Cemtec® Silatec MSM & Duraplate® Epoxy and ProSpec Blendcrete & SprayWall® (125 Mils) or an approved equal		
Line approximately twenty-eight (28) SSMH's including bench walls Approximately 171.2 VF		
Remove Steps as needed		
Line SSMH channel inverts as needed		
Repair minor damage and stop leaks in SSMH walls, bench, & invert with grout / liner / patch material as needed		
Rebuild SSMH invert / bench walls Approximately five (5) invert / bench walls		

WARRANTY

DESCRIPTION	COMPLY	EXCEPTION
All material provided by the Contractor under this contract shall be warranted for a period of at least ten (10) years from date of final certificate of payment		
The Contractor will be required to sign a Warranty for their workmanship performed under this Contract warranting said work for a period of one (1) year		



RECEIPT OF BID PACKET

FY 2025 - 2026
Sealed Bid # 2425-06
SOW # 01-2025 - Hopkinsville Manhole Rehabilitation

I hereby acknowledge receipt of the subject bid packet.

Company Authorized Signature

Date

UNIT PRICE BID FORM

Item Number	Item	Qty.	Unit	Unit Price	Total Price
1	Lining of Walls, Bench Walls - 3' Ø Manhole	7.8	VF		
2	Lining of Walls, Bench Walls - 4' Ø Manhole	163.4	VF		
3	Traffic Control in KYTC R/W	2	EA		
4	Rebuild Manhole Invert / Bench Walls	5	EA		

Total Bid, From Proposal Items 1 through 4, Inclusive \$ _____

¹HWEA reserves the right to eliminate any line item from the Lump Sum Bid.

²Bidder acknowledges that (1) each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and (2) estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined by field measurements of completed work, as provided in the Contract Documents.



BID FORM

FY 2025 - 2026
Sealed Bid # 2425-06
SOW # 01-2025 - Hopkinsville Manhole Rehabilitation

Company Name: _____

Address: _____

Telephone: _____ Email: _____

<u>DESCRIPTION</u>	<u>BIDDER DESCRIPTION</u>	<u>TOTAL COST</u>
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Total Price of Proposed Rehabilitation	_____	\$ _____
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I, the undersigned, do hereby certify that I am a duly authorized representative of _____ located at _____ and I have carefully examined the Invitation to Bid, General Conditions, Specifications and Bid Form and agree to all terms and conditions as set forth therein.

Signature: _____

Title: _____

Acknowledged before me this _____ day of _____, 2025

NOTARY PUBLIC
My Commission Expires: _____

ATTACHMENTS

Exhibit A – SSMH List

Exhibits B-T – SSMH Locations

HWEA SOW #01-2025 Hopkinsville Manhole Rehabs

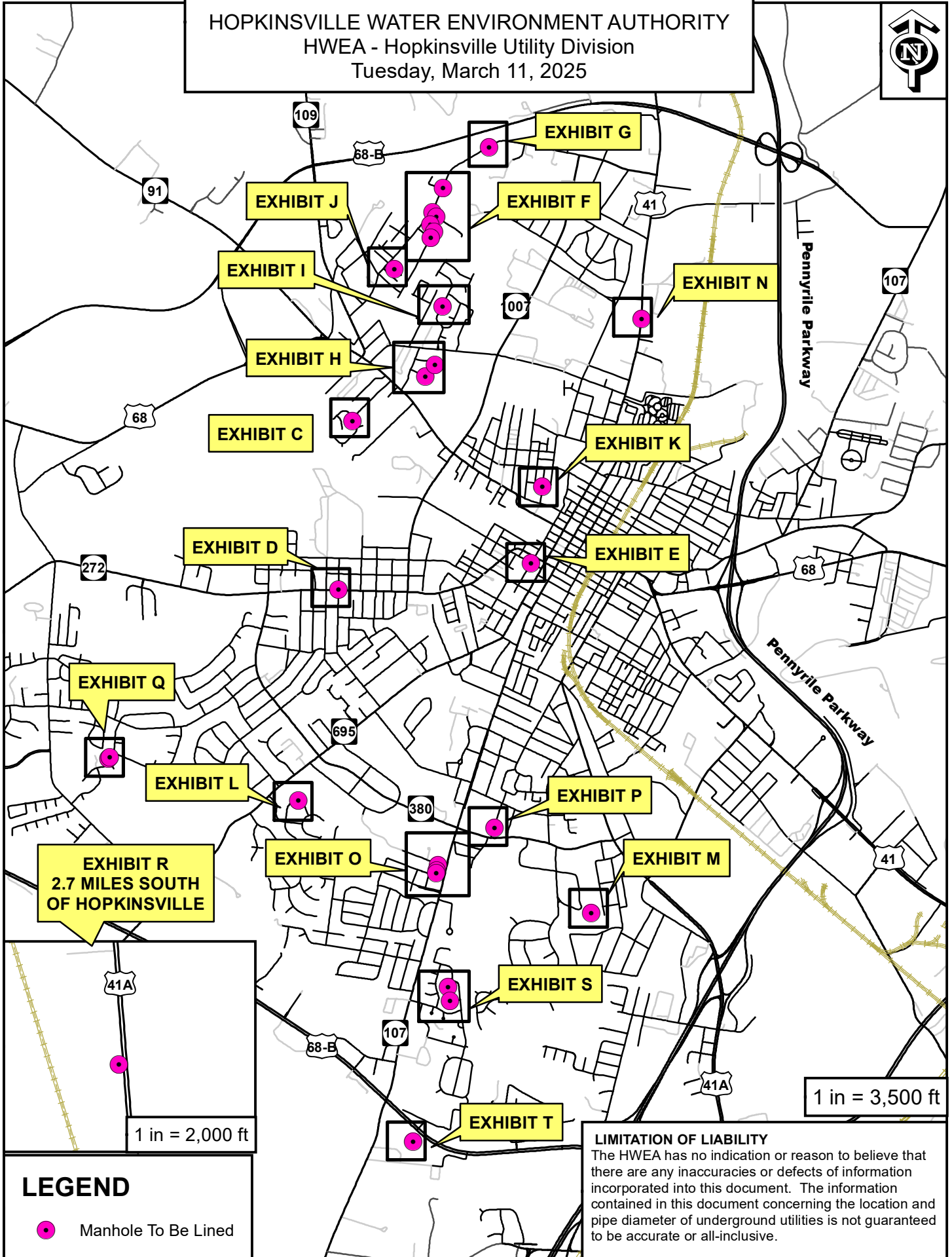
Sanitary Sewer Manhole List

Manhole		Location		Depth	Diameter	Material	Rebuild Invert / Bench	Location Comments
#	Name	Exhibit	Nearest E911 Point	Feet	Feet			
1	H-003-0043	C	1017 Rose Drive	7.5	4.0	Brick	NO	
2	H-003-0094	D	2801 Canton Street	5.4	4.0	Brick	YES	
3	H-003-0470	E	121 West 15th Street	5.3	4.0	Brick	YES	Intersection of W 15th St & Bethel St
4	H-003-0730	F	819 Sanderson Drive	9.3	4.0	Concrete	NO	
5	H-003-0732	F	801 Sanderson Drive	6.1	4.0	Concrete	NO	
6	H-003-0735	F	101 Lee Lane	6.3	4.0	Concrete	NO	
7	H-003-0736	F	709 Pineridge Drive	9.5	4.0	Concrete	NO	150' from pavement
8	H-003-0737	F	708 Pineridge Drive	4.1	4.0	Concrete	NO	
9	H-003-0738	F	704 Pineridge Drive	3.7	4.0	Concrete	NO	
10	H-003-0748	G	1020 Sanderson Drive	10.9	4.0	Concrete	NO	
11	H-003-0908	H	138 Boxwood Drive	5.8	4.0	Brick	NO	
12	H-003-0910	H	122 Boxwood Drive	4.5	4.0	Brick	NO	
13	H-003-0936	I	628 Evergreen Park Drive	7.9	4.0	Brick	NO	
14	H-003-0968	J	106 South Saltsman Drive	5.5	4.0	Concrete	NO	MH in center of dead end street
15	H-003-1040	K	407 South Cleveland Avenue	7.8	3.0	Brick	YES	4" force main discharge
16	H-004-0346	L	309 Tremont Drive	7.8	4.0	Concrete	NO	
17	H-005-0091	M	207 James Drive	4.9	4.0	Concrete	NO	Dirt Access Road at curve of Circle Drive / 300' from pavement
18	H-006-0102	N	910 1/2 North Main Street	6.7	4.0	Brick	YES	In pavement US-41
19	H-013-0102	O	105 A Koffman Drive	5.5	4.0	Brick	NO	In driveway
20	H-013-0103	O	112 Wayside Dr	5.0	4.0	Brick	NO	250' from pavement / Backyard of 112 Wayside Dr inside fence
21	H-013-0104	O	112 Wayside Dr	4.5	4.0	Brick	NO	175' from pavement / Backyard of 112 Wayside Dr inside fence
22	H-018-0054	P	2824 Faircourt Street	3.8	4.0	Block	NO	
23	H-019-0002	Q	908 Hurst Drive	2.9	4.0	Concrete	NO	100' from pavement / Access behind Oak Hurst SPS
24	H-019-0130	Q	908 Hurst Drive	2.3	4.0	Concrete	NO	175' from pavement / Access behind Oak Hurst SPS
25	H-021-0031	R	6950 Fort Campbell BLVD	4.5	4.0	Concrete	YES	6" and 3" force main discharge/crops
26	H-030-0023	S	510 Sands Drive	7.6	4.0	Concrete	NO	
27	H-030-0024	S	528 Sands Drive	4.9	4.0	Concrete	NO	
28	H-042-0001	T	4410 Lafayette Road	11.2	4.0	Concrete	NO	Access through gated gravel road behind bleachers
Totals				171.2			5	

SANITARY SEWER SYSTEM SECTION MAP

EXHIBIT B

HOPKINSVILLE WATER ENVIRONMENT AUTHORITY
HWEA - Hopkinsville Utility Division
Tuesday, March 11, 2025



SANITARY SEWER SYSTEM SECTION MAP

EXHIBIT C

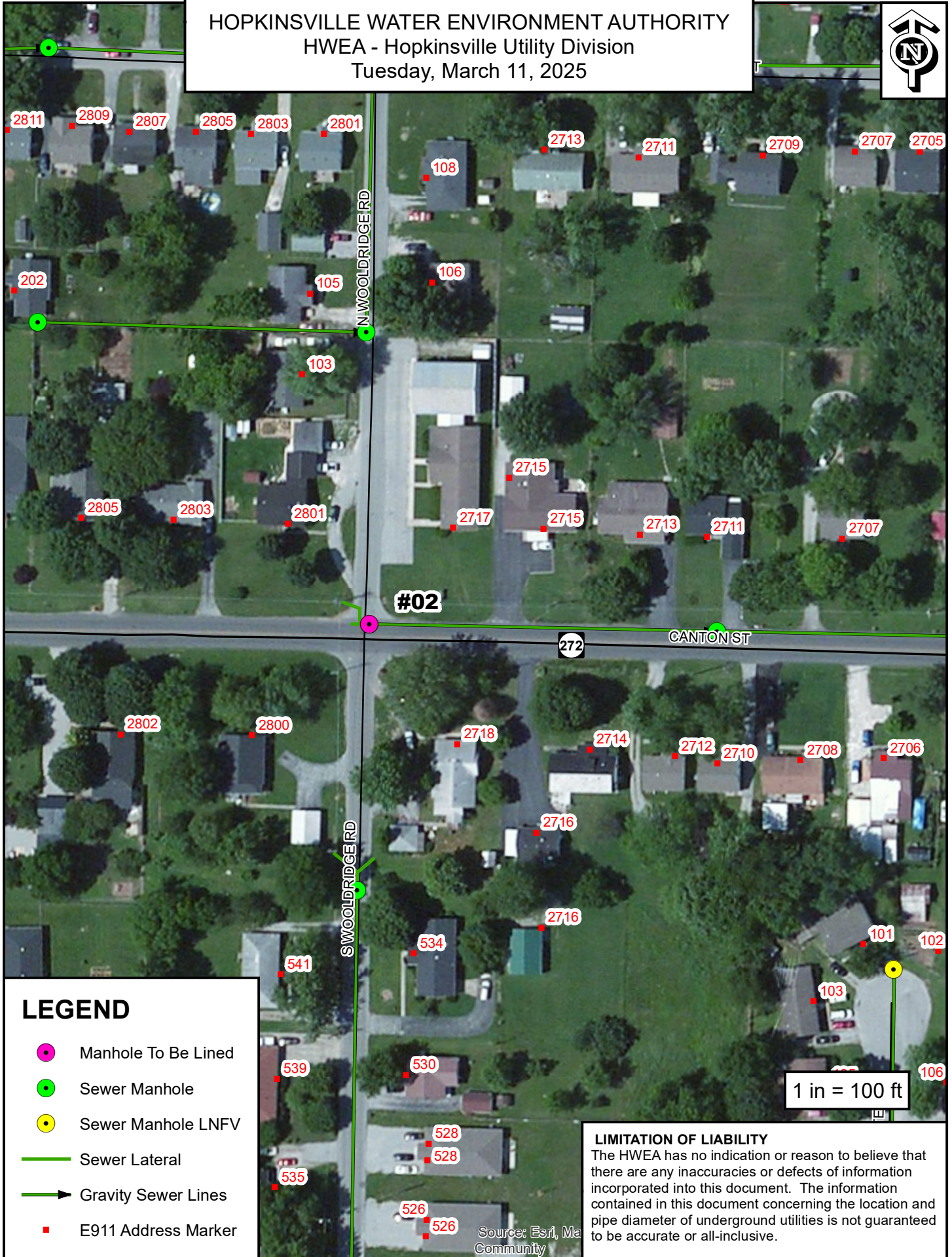
HOPKINSVILLE WATER ENVIRONMENT AUTHORITY
HWEA - Hopkville Utility Division
Tuesday, March 11, 2025



SANITARY SEWER SYSTEM SECTION MAP

EXHIBIT D

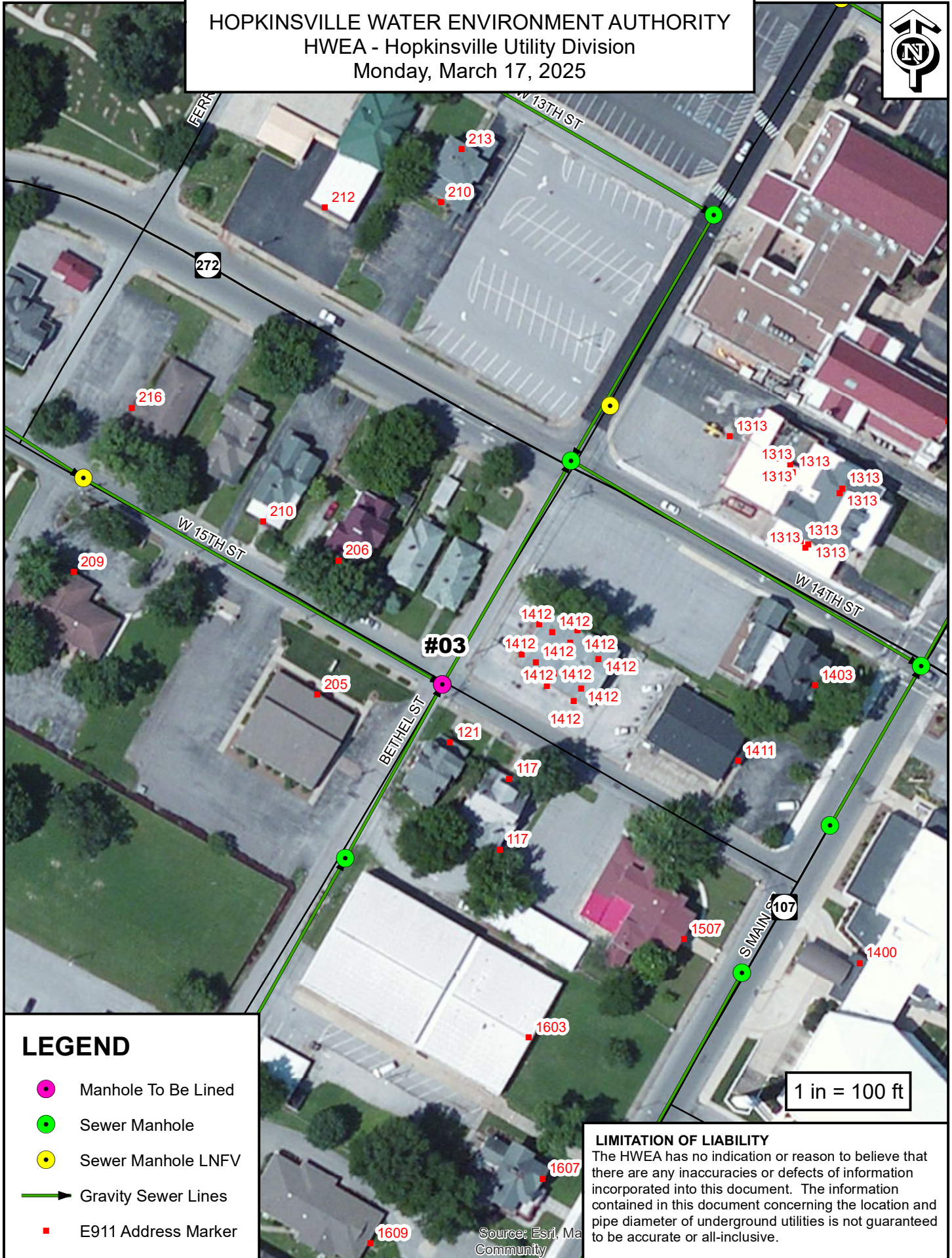
HOPKINSVILLE WATER ENVIRONMENT AUTHORITY
HWEA - Hopkinsville Utility Division
Tuesday, March 11, 2025



SANITARY SEWER SYSTEM SECTION MAP

EXHIBIT E

HOPKINSVILLE WATER ENVIRONMENT AUTHORITY
HWEA - Hopkinsville Utility Division
Monday, March 17, 2025



LEGEND

- Manhole To Be Lined
- Sewer Manhole
- Sewer Manhole LNFV
- Gravity Sewer Lines
- E911 Address Marker

LIMITATION OF LIABILITY

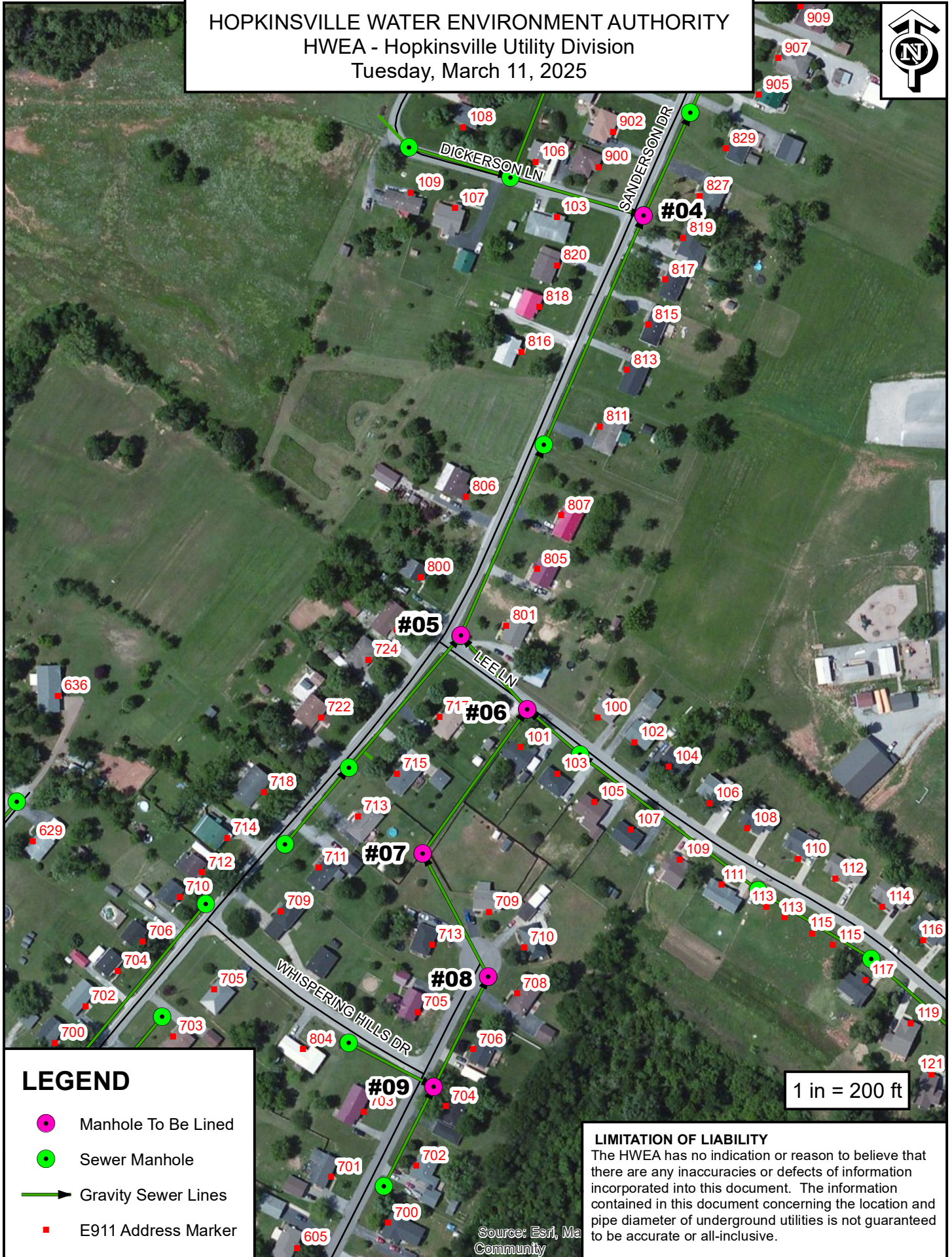
The HWEA has no indication or reason to believe that there are any inaccuracies or defects of information incorporated into this document. The information contained in this document concerning the location and pipe diameter of underground utilities is not guaranteed to be accurate or all-inclusive.

Source: Esri, Mapbox, Community

SANITARY SEWER SYSTEM SECTION MAP

EXHIBIT F

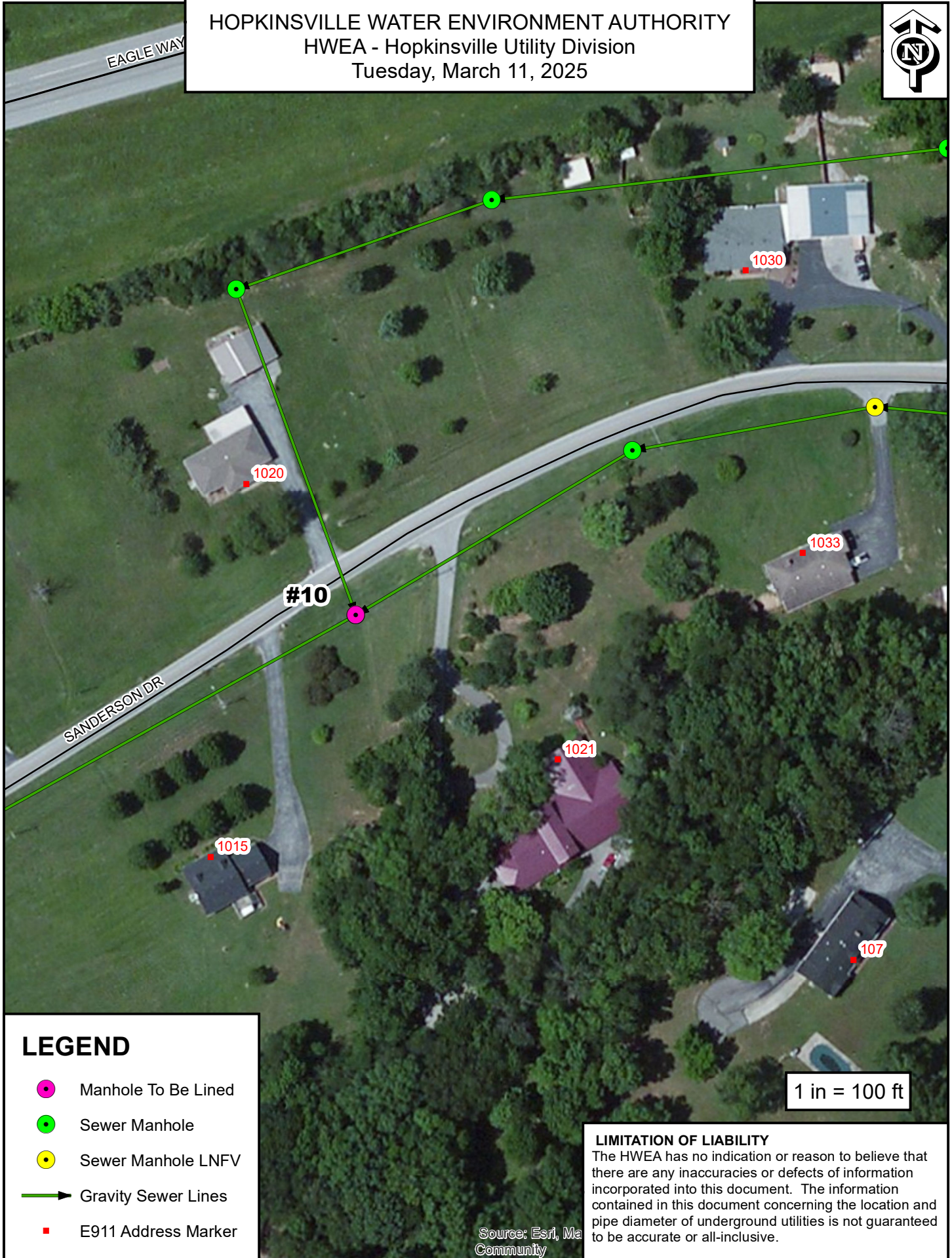
HOPKINSVILLE WATER ENVIRONMENT AUTHORITY
HWEA - Hopkinsville Utility Division
Tuesday, March 11, 2025



SANITARY SEWER SYSTEM SECTION MAP

EXHIBIT G

HOPKINSVILLE WATER ENVIRONMENT AUTHORITY
HWEA - Hopkinsville Utility Division
Tuesday, March 11, 2025



LEGEND

- Manhole To Be Lined
- Sewer Manhole
- Sewer Manhole LNFV
- Gravity Sewer Lines
- E911 Address Marker

LIMITATION OF LIABILITY

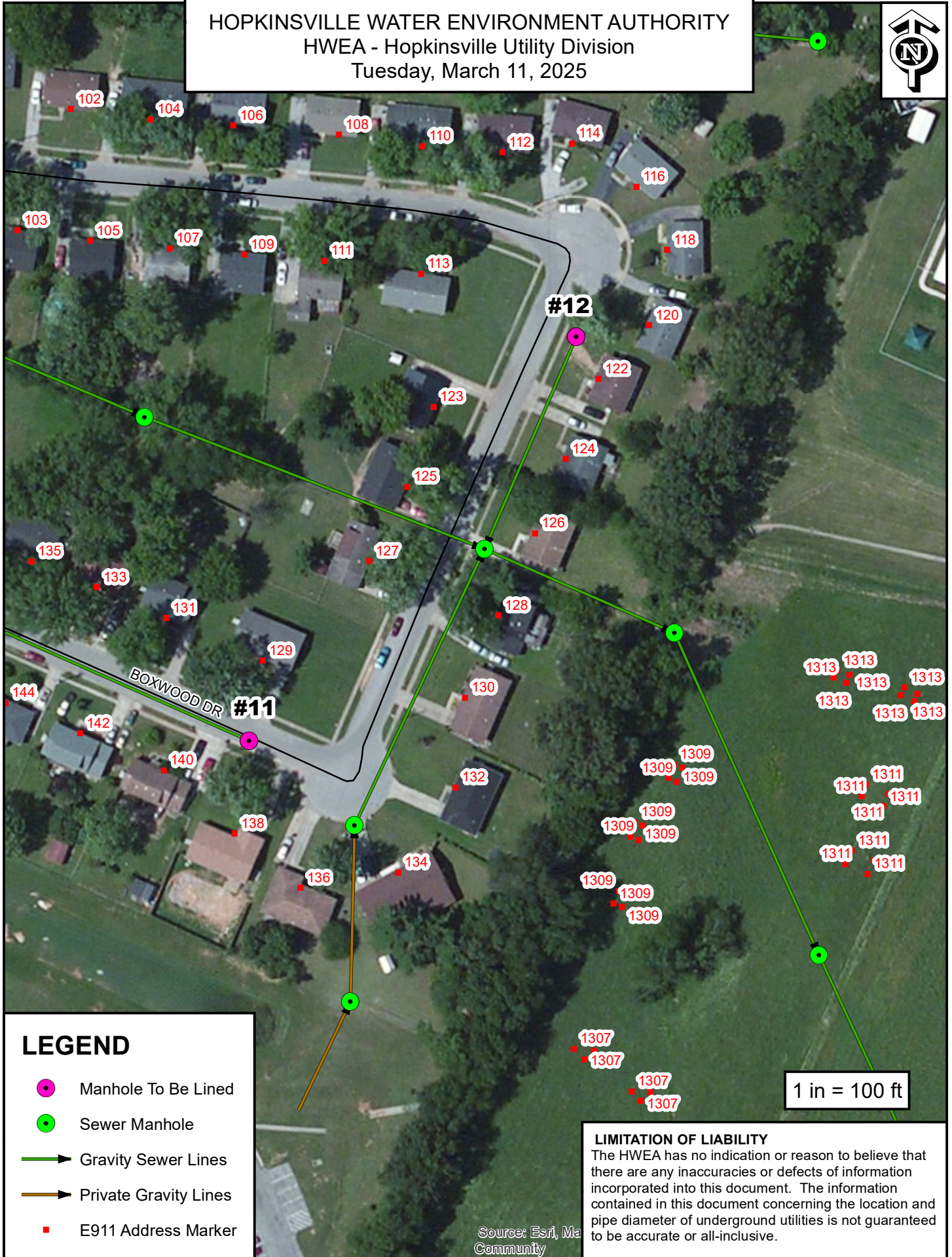
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Source: Esri, Ma
Community

SANITARY SEWER SYSTEM SECTION MAP

EXHIBIT H

HOPKINSVILLE WATER ENVIRONMENT AUTHORITY
HWEA - Hopkinsville Utility Division
Tuesday, March 11, 2025



LEGEND

- Manhole To Be Lined
- Sewer Manhole
- Gravity Sewer Lines
- Private Gravity Lines
- E911 Address Marker

LIMITATION OF LIABILITY

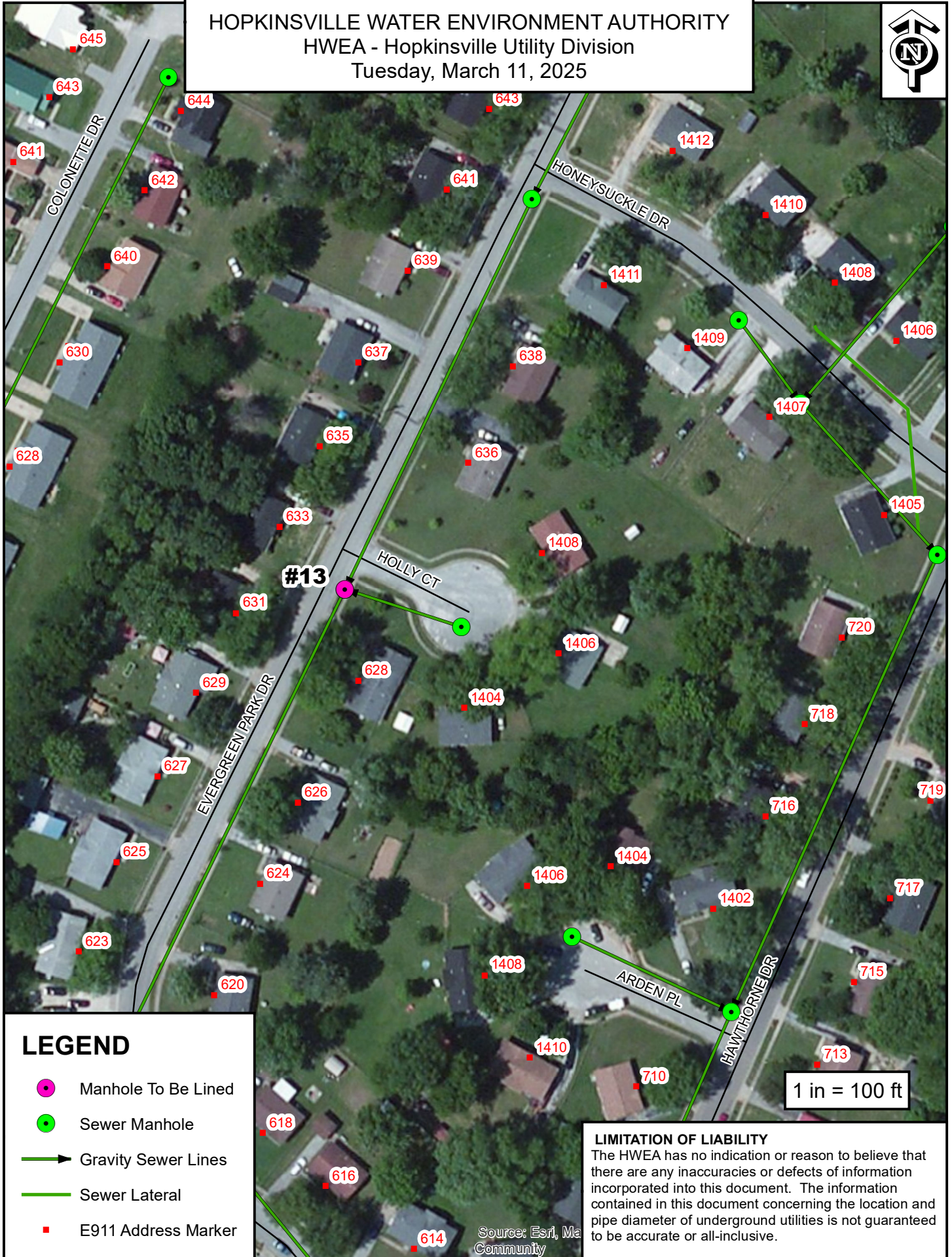
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Source: Esri, Map
Community

SANITARY SEWER SYSTEM SECTION MAP

EXHIBIT I

HOPKINSVILLE WATER ENVIRONMENT AUTHORITY
HWEA - Hopkinsville Utility Division
Tuesday, March 11, 2025



LEGEND

- Manhole To Be Lined
- Sewer Manhole
- Gravity Sewer Lines
- Sewer Lateral
- E911 Address Marker

LIMITATION OF LIABILITY

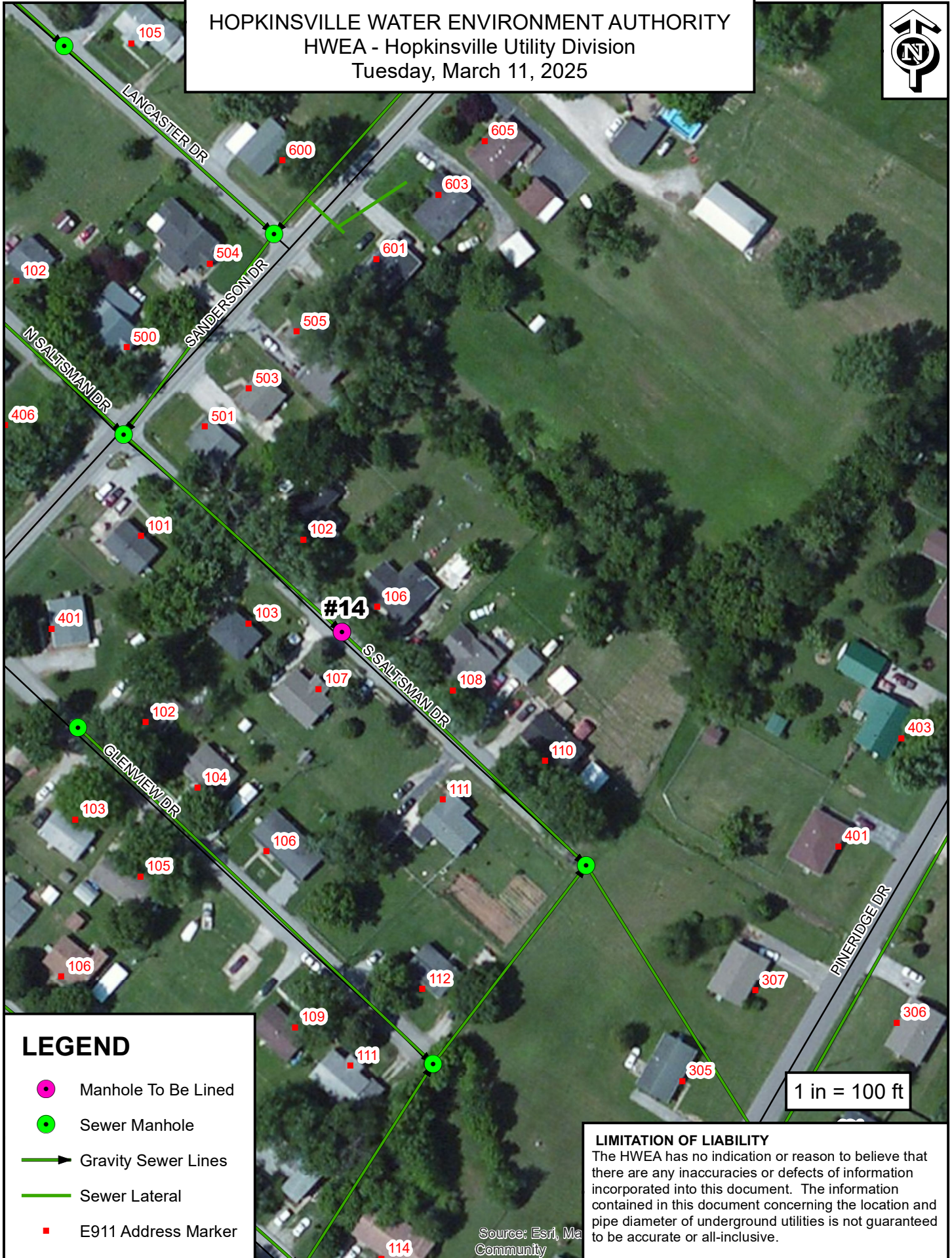
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Source: Esri, Mapbox, Community

SANITARY SEWER SYSTEM SECTION MAP

EXHIBIT J

HOPKINSVILLE WATER ENVIRONMENT AUTHORITY
HWEA - Hopkinsville Utility Division
Tuesday, March 11, 2025



LEGEND

- Manhole To Be Lined
- Sewer Manhole
- Gravity Sewer Lines
- Sewer Lateral
- E911 Address Marker

LIMITATION OF LIABILITY

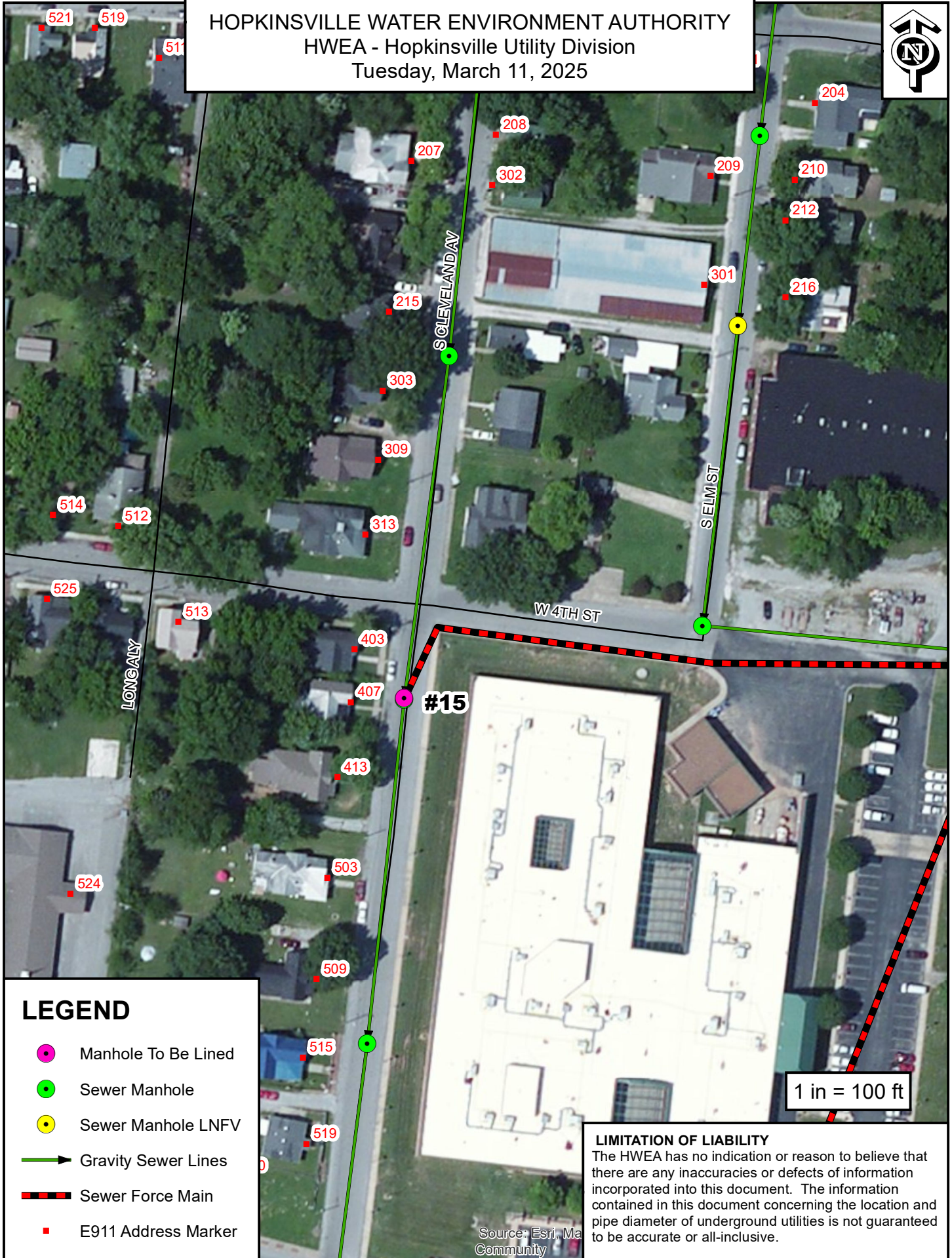
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Source: Esri, Map Community

SANITARY SEWER SYSTEM SECTION MAP

EXHIBIT K

HOPKINSVILLE WATER ENVIRONMENT AUTHORITY
HWEA - Hopkinsville Utility Division
Tuesday, March 11, 2025



LEGEND

- Manhole To Be Lined
- Sewer Manhole
- Sewer Manhole LNFV
- Gravity Sewer Lines
- Sewer Force Main
- E911 Address Marker

LIMITATION OF LIABILITY

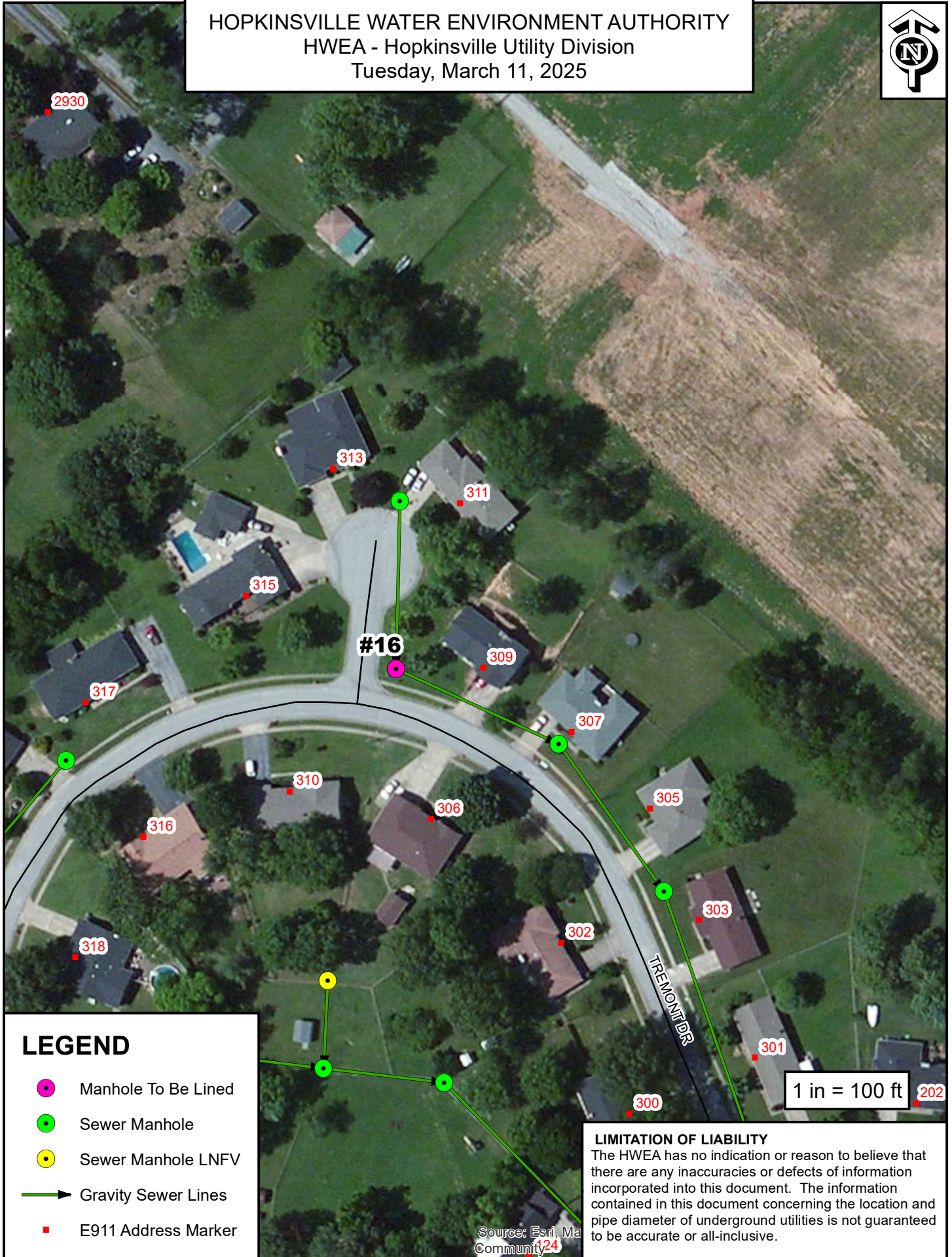
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Source: Esri, Mapbox, Community

SANITARY SEWER SYSTEM SECTION MAP

EXHIBIT L

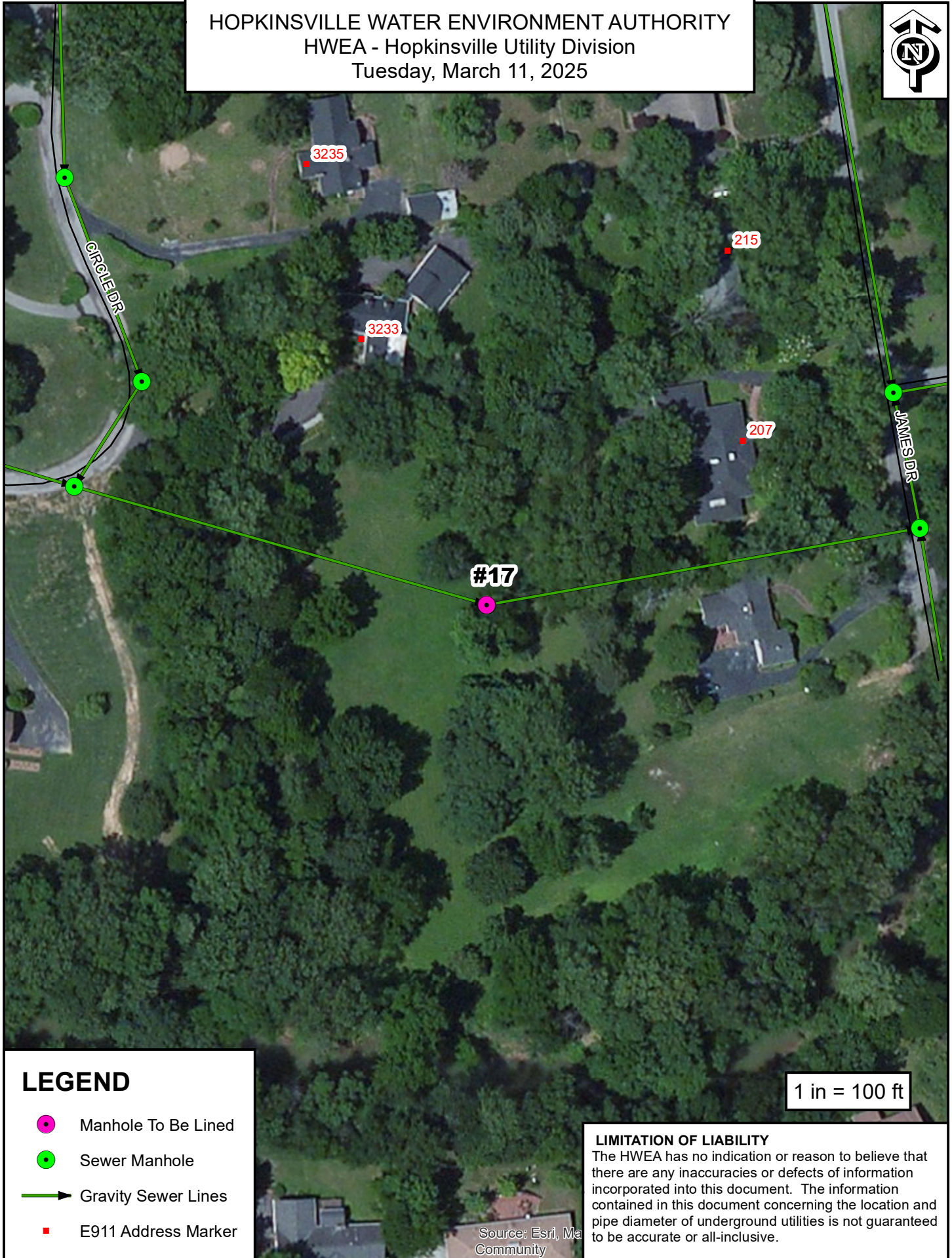
HOPKINSVILLE WATER ENVIRONMENT AUTHORITY
HWEA - Hopkinsville Utility Division
Tuesday, March 11, 2025







SANITARY SEWER SYSTEM SECTION MAP

EXHIBIT M

HOPKINSVILLE WATER ENVIRONMENT AUTHORITY
HWEA - Hopkinsville Utility Division
Tuesday, March 11, 2025



LEGEND

-  Manhole To Be Lined
-  Sewer Manhole
-  Gravity Sewer Lines
-  E911 Address Marker

LIMITATION OF LIABILITY

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Source: Esri, Mapbox, Community

SANITARY SEWER SYSTEM SECTION MAP

EXHIBIT N

HOPKINSVILLE WATER ENVIRONMENT AUTHORITY
HWEA - Hopkinsville Utility Division
Tuesday, March 11, 2025



EXHIBIT O



SANITARY SEWER SYSTEM SECTION MAP

EXHIBIT P

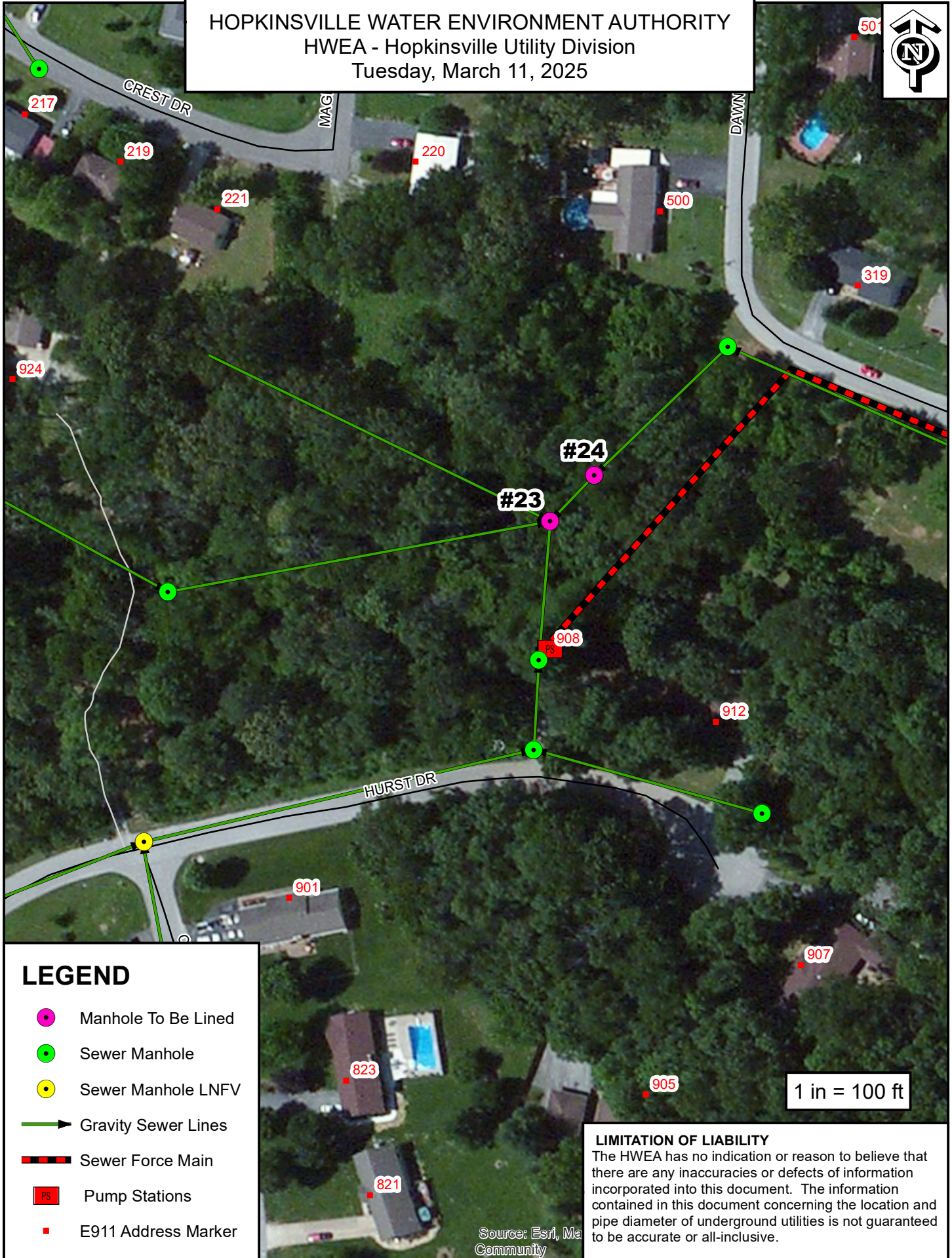
HOPKINSVILLE WATER ENVIRONMENT AUTHORITY
HWEA - Hopkinsville Utility Division
Tuesday, March 11, 2025



SANITARY SEWER SYSTEM SECTION MAP

EXHIBIT Q

HOPKINSVILLE WATER ENVIRONMENT AUTHORITY
HWEA - Hopkinsville Utility Division
Tuesday, March 11, 2025



LEGEND

- Manhole To Be Lined
- Sewer Manhole
- Sewer Manhole LNFV
- Gravity Sewer Lines
- Sewer Force Main
- Pump Stations
- E911 Address Marker

LIMITATION OF LIABILITY

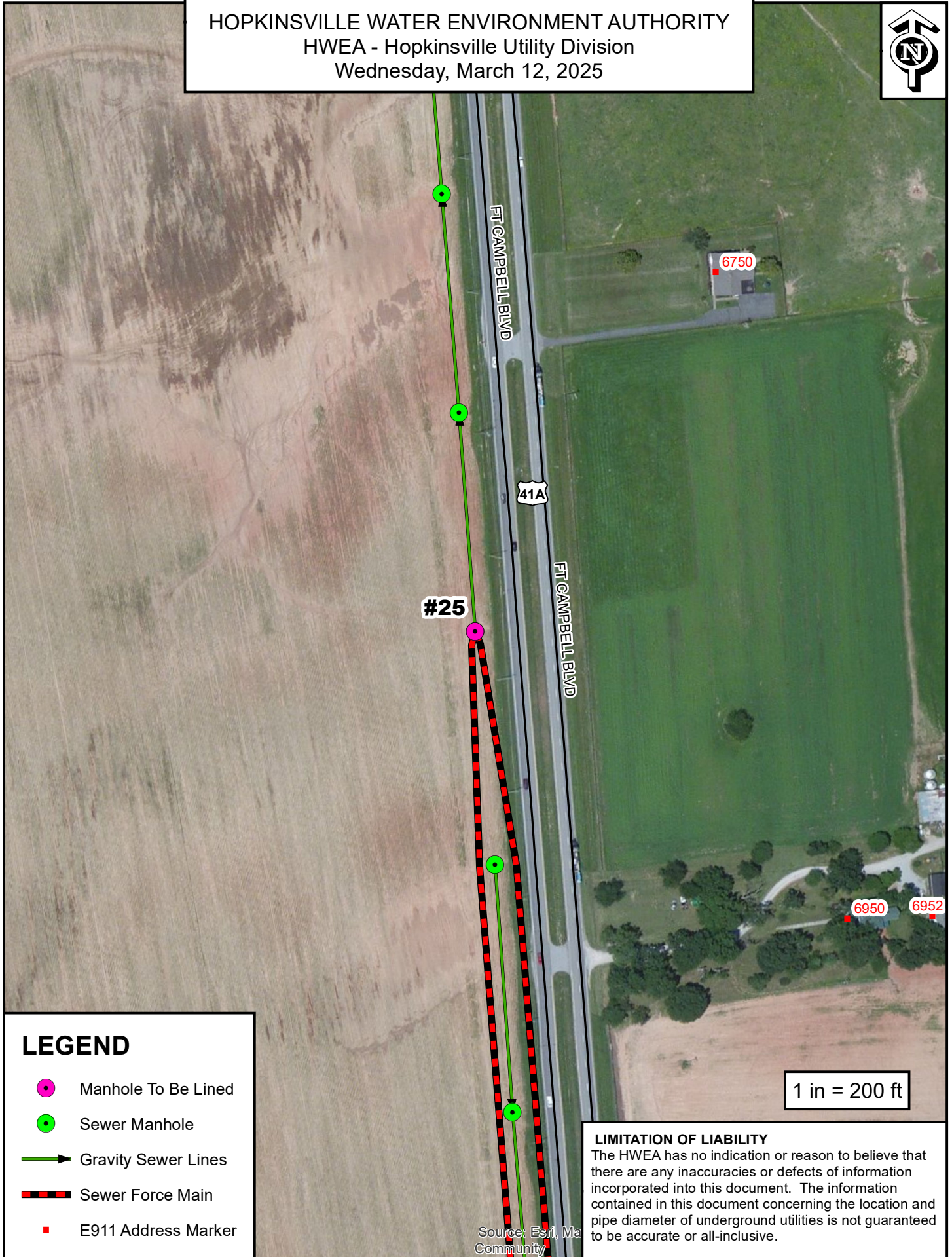
The HWEA has no indication or reason to believe that there are any inaccuracies or defects of information incorporated into this document. The information contained in this document concerning the location and pipe diameter of underground utilities is not guaranteed to be accurate or all-inclusive.

Source: Esri, Ma
Community

SANITARY SEWER SYSTEM SECTION MAP

EXHIBIT R

HOPKINSVILLE WATER ENVIRONMENT AUTHORITY
HWEA - Hopkinsville Utility Division
Wednesday, March 12, 2025



LEGEND

- Manhole To Be Lined
- Sewer Manhole
- Gravity Sewer Lines
- Sewer Force Main
- E911 Address Marker

LIMITATION OF LIABILITY

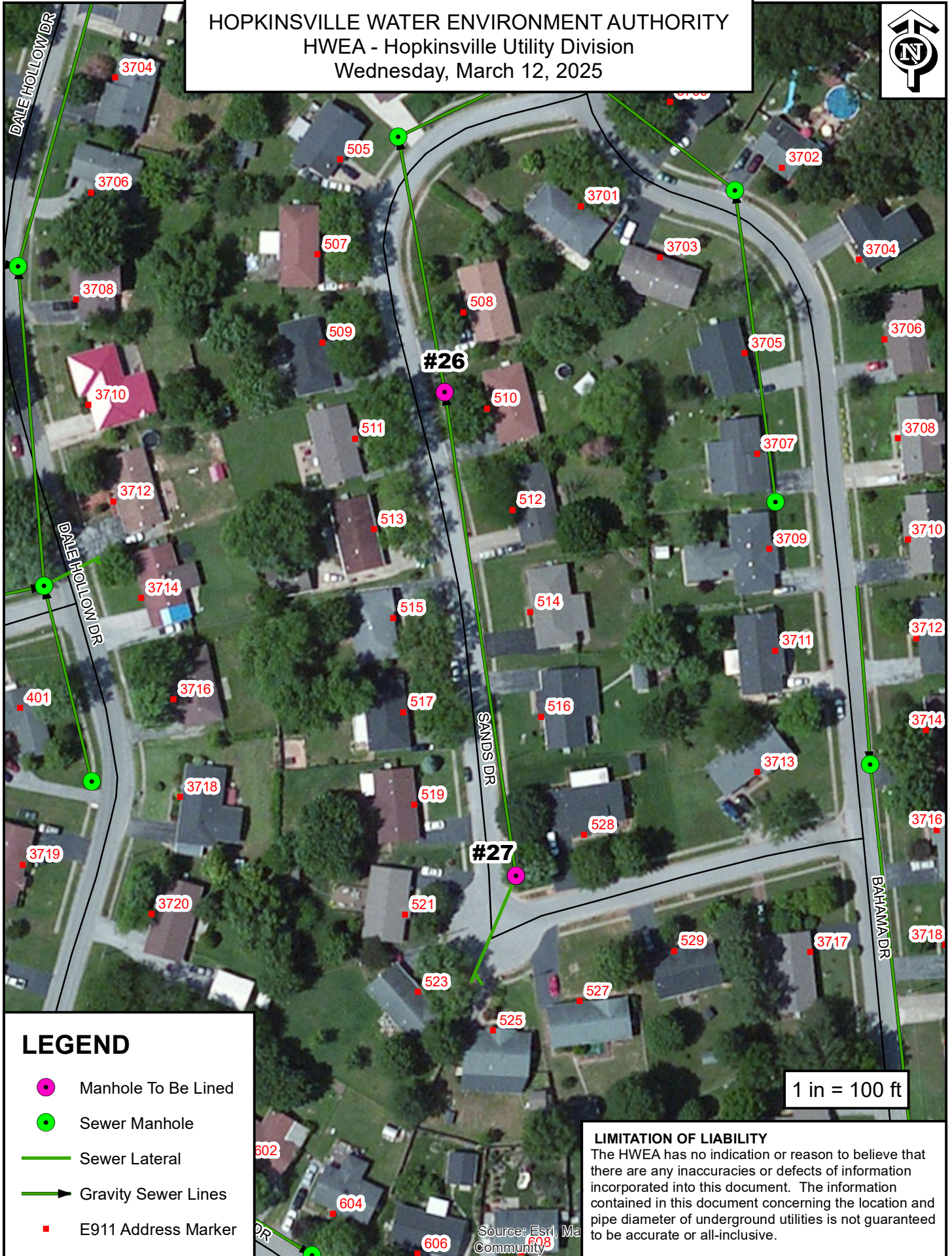
The HWEA has no indication or reason to believe that there are any inaccuracies or defects of information incorporated into this document. The information contained in this document concerning the location and pipe diameter of underground utilities is not guaranteed to be accurate or all-inclusive.

Source: Esri, Map Community

SANITARY SEWER SYSTEM SECTION MAP

EXHIBIT S

HOPKINSVILLE WATER ENVIRONMENT AUTHORITY
HWEA - Hopkinsville Utility Division
Wednesday, March 12, 2025



LEGEND

- Manhole To Be Lined
- Sewer Manhole
- Sewer Lateral
- Gravity Sewer Lines
- E911 Address Marker

LIMITATION OF LIABILITY

The HWEA has no indication or reason to believe that there are any inaccuracies or defects of information incorporated into this document. The information contained in this document concerning the location and pipe diameter of underground utilities is not guaranteed to be accurate or all-inclusive.

SANITARY SEWER SYSTEM SECTION MAP

EXHIBIT T

HOPKINSVILLE WATER ENVIRONMENT AUTHORITY
HWEA - Hopkinsville Utility Division
Wednesday, March 12, 2025

