



- **Understanding Expansive Clay and Its Impact on Foundations**
Understanding Expansive Clay and Its Impact on Foundations Examining Sandy Loam for Residential Support Identifying Areas Vulnerable to Soil Erosion Evaluating Soil Moisture Fluctuations Beneath Homes Approaches for Chemical Soil Stabilization Techniques for Addressing Soil Heave Issues Managing Settlement with Targeted Soil Compaction Recognizing Soil Drainage Limitations Investigating Soil Stress Testing in Residential Sites Incorporating Root Barriers to Prevent Shifts Examining Seasonal Swelling and Shrinking of Soil Employing Sustainable Methods for Long Term Soil Health
- **Planning French Drains for Effective Water Control**
Planning French Drains for Effective Water Control Setting Up Sump Pumps to Prevent Basement Flooding Extending Gutter Downspouts for Extra Protection Excavation Basics for Residential Construction Projects Coordinating Soil Compaction Methods on Site Limiting Erosion Through Proper Grading Techniques Evaluating Perimeter Drain Systems for Dry Foundations Installing Exterior Waterproof Barriers for Walls Adapting Site Plans to Local Rainfall Patterns Understanding Swale Placement for Controlled Water Flow Enhancing Overall Site Drainage with Gravel Trenches Minimizing Subsurface Water Accumulation Around Foundations
- **About Us**



Overview of dry foundations and the role of perimeter drains in maintaining their integrity

In evaluating perimeter drain systems for maintaining dry foundations, it's essential to understand the fundamental principles behind dry foundations and the critical role that perimeter drains play in their upkeep.

Regular inspections help detect foundation problems early [foundation crack repair service](#) asset.

A dry foundation refers to the state in which a building's foundation remains free from excessive moisture. This condition is crucial for the longevity and structural integrity of any construction. Moisture infiltration can lead to a host of problems, including mold growth, weakened structural materials, and even foundational shifts. Thus, preventing water from accumulating around or under a foundation is a key concern in building design and maintenance.

Perimeter drains are a vital component in achieving and maintaining dry foundations. These drains are installed around the perimeter of a building's foundation and are designed to intercept groundwater before it can reach the foundation walls. They consist of a trench filled with gravel or crushed stone, into which a perforated pipe is laid. This pipe collects water from the surrounding soil and directs it away from the foundation, typically to a sump pump or a stormwater drainage system.

The effectiveness of perimeter drains in maintaining dry foundations can be attributed to several factors. Firstly, they provide a direct pathway for water to be diverted away from the foundation, reducing the hydrostatic pressure that can force water through foundation walls. Secondly, by keeping the soil around the foundation dry, perimeter drains help to prevent the soil from expanding and contracting with changes in moisture content, which can cause foundational movement and cracks.

Moreover, perimeter drains work in conjunction with other elements of a building's water management system, such as gutters and downspouts, to ensure comprehensive protection against water damage. Regular maintenance of these systems is crucial to ensure their continued effectiveness. This includes checking for blockages in the drain pipes, ensuring that gravel or stone backfill remains in place, and verifying that any connected sump pumps are functioning correctly.

In conclusion, the overview of dry foundations highlights the importance of preventing moisture accumulation around a building's foundation to ensure structural integrity and longevity. Perimeter drains play a pivotal role in this process by providing an effective means of intercepting and redirecting groundwater away from the foundation. When properly installed and maintained, these systems are a critical defense against water-related damage, contributing significantly to the overall health and stability of a building.

Common issues leading to the need for perimeter drain systems in residential properties

Certainly!

When it comes to maintaining a dry and stable foundation in residential properties, one common necessity that often arises is the installation of perimeter drain systems. Several issues typically lead homeowners to consider this solution.

Firstly, excessive moisture in the soil surrounding the foundation can cause significant problems. When rainwater or groundwater isn't properly diverted away from the house, it can seep into the basement or crawl space. This not only leads to dampness but can also cause mold growth, which poses health risks and structural damage over time.

Another issue is the natural settling of soil. As the ground shifts and settles, it can create voids or uneven pressure against the foundation walls. This can result in cracks or bowing, allowing water to penetrate more easily. A perimeter drain system helps to alleviate this pressure by redirecting water away from the foundation, thereby reducing the risk of further damage.

Additionally, properties in areas with high water tables or clay-heavy soil are particularly prone to water intrusion. Clay soil tends to hold onto moisture, which can lead to hydrostatic pressure building up against the foundation. A well-designed perimeter drain system can effectively manage this pressure, preventing water from seeping into the basement.

Lastly, poor grading around the property can exacerbate water issues. If the landscape slopes towards the house instead of away from it, rainwater is more likely to pool near the foundation. This can lead to chronic moisture problems that a perimeter drain system is designed to address.

In summary, common issues such as excessive moisture, soil settling, high water tables, and poor grading often necessitate the installation of perimeter drain systems in residential properties. These systems play a crucial role in maintaining a dry foundation, thereby protecting the structural integrity and overall health of the home.

Steps to evaluate the effectiveness of existing perimeter drain systems

Evaluating the effectiveness of existing perimeter drain systems is crucial for ensuring that foundations remain dry and structurally sound. Here are the steps to effectively assess these systems:

Firstly, conduct a visual inspection of the perimeter drain. This involves walking around the building's foundation and looking for any visible signs of water accumulation, cracks, or

damage to the drain pipes. Pay close attention to areas where the drain meets the foundation, as these are common points of failure.

Next, check the functionality of the drain by performing a water test. This can be done by pouring water into the drain and observing how quickly it is carried away. If the water pools or drains slowly, it may indicate a blockage or insufficient slope in the drain line.

Additionally, examine the condition of the gravel or aggregate surrounding the drain pipe. This material should be free of fine sediments and debris, which can clog the drain and reduce its effectiveness. If the gravel appears compacted or contaminated, it may need to be cleaned or replaced.

Furthermore, assess the slope of the drain line to ensure it is properly graded away from the foundation. A slight downward slope is necessary for efficient water flow. If the slope is inadequate, consider regrading the area or installing additional drain lines to improve drainage.

Lastly, review any maintenance records or past evaluations of the perimeter drain system. This can provide valuable insight into the system's history and help identify any recurring issues or areas of concern.

By following these steps, property owners and maintenance professionals can effectively evaluate the effectiveness of existing perimeter drain systems and take proactive measures to address any issues that may arise. Regular inspections and maintenance are key to ensuring the long-term performance and reliability of these critical drainage systems.

Key factors to consider when selecting a perimeter drain system for residential foundation repair

When selecting a perimeter drain system for residential foundation repair, several key factors must be considered to ensure an effective and long-lasting solution.

Firstly, the drainage capacity of the system is crucial. The system must be able to handle the volume of water expected in your specific area. This includes considering the soil type, rainfall patterns, and the presence of any nearby water bodies. A system with a higher drainage capacity will be more effective in preventing water from pooling around the foundation.

Secondly, the material of the drain system is important. Common materials include PVC, polyethylene, and perforated pipe. Each material has its own advantages and disadvantages. For example, PVC is durable and long-lasting, while polyethylene is more flexible and easier to install. The choice of material should be based on the specific conditions of your foundation and the local climate.

Thirdly, the installation process should be considered. A well-installed perimeter drain

system is more effective and longer-lasting. Look for a system that is easy to install and comes with clear instructions. If you're hiring a professional, ensure they have experience with the specific system you're considering.

Fourthly, consider the maintenance requirements of the system. Some systems require regular cleaning to prevent clogging, while others are self-cleaning. Choose a system that fits your maintenance schedule and capabilities.

Lastly, consider the cost of the system. While it's important to stay within your budget, remember that a higher-quality system may save you money in the long run by preventing costly foundation repairs.

In conclusion, when selecting a perimeter drain system for residential foundation repair, consider the drainage capacity, material, installation process, maintenance requirements, and cost. By carefully evaluating these factors, you can choose a system that will effectively protect your foundation and provide peace of mind.

Comparison of different types of perimeter drain systems available in the market

When it comes to maintaining a dry foundation, evaluating different types of perimeter drain systems is crucial. These systems play a pivotal role in preventing water from seeping into the basement or crawl space, which can lead to dampness, mold growth, and structural damage. Let's explore some of the most common types of perimeter drain systems available in the market today.

1. **French Drains**: One of the oldest and most traditional methods, French drains consist of a perforated pipe surrounded by gravel. These are typically installed around the perimeter of a foundation. The gravel allows water to flow into the pipe, which then directs it away from the foundation. French drains are effective but require regular maintenance to prevent clogging.
2. **Interior Perimeter Drains**: Unlike exterior systems, interior perimeter drains are installed inside the basement or crawl space. These systems involve cutting a trench along the interior perimeter of the foundation and installing a drainage pipe. This is often a more feasible option for homes where exterior work is challenging or not possible. Interior drains are less intrusive but may not be as effective as exterior systems.
3. **Sump Pump Systems**: Often used in conjunction with other drainage systems, sump pumps collect water in a sump pit and then pump it away from the foundation. This is particularly useful in areas with high water tables. While sump pumps are effective, they require electricity to function, which can be a drawback during power outages.
4. **Gutter Diversion Systems**: Though not a traditional perimeter drain, proper gutter management is essential for effective water drainage. Ensuring that gutters are clean and properly angled away from the foundation can significantly reduce the risk of water seepage.

This is often the first line of defense against foundation dampness.

5. **Smart Drain Systems**: Newer to the market, smart drain systems incorporate technology to offer more efficient water management. These systems can include sensors that detect water levels and automatically activate pumps or drainage mechanisms. While they offer advanced features, they can be more expensive than traditional options.

Each of these systems has its own set of advantages and disadvantages. The choice of system largely depends on the specific needs of the property, the soil type, and the local climate conditions. Evaluating these factors carefully can help homeowners choose the most effective perimeter drain system for their foundation, ensuring a dry and healthy living environment.

Maintenance tips for ensuring the longevity and efficiency of perimeter drain systems

Certainly! Here's a human-like essay on maintenance tips for ensuring the longevity and efficiency of perimeter drain systems:

Maintaining the Longevity and Efficiency of Perimeter Drain Systems: Essential Tips

Perimeter drain systems play a crucial role in keeping foundations dry and preventing water damage. To ensure these systems remain effective over time, regular maintenance is essential. Here are some practical tips to help you maintain your perimeter drain system and ensure its longevity and efficiency.

First and foremost, it's important to inspect your perimeter drain system regularly. Aim for at least one thorough inspection per year, preferably during the spring before the rainy season begins. Look for any signs of clogs, cracks, or other damage. Early detection of issues can prevent more significant problems down the line.

Cleaning the drain system is another critical aspect of maintenance. Over time, debris such as leaves, dirt, and small stones can accumulate in the system, leading to blockages. Use a garden hose to flush out the drain lines, ensuring that water flows freely. For more stubborn clogs, a plumber's snake or a specialized drain cleaning tool may be necessary.

Ensuring that the discharge point of your perimeter drain system is functioning correctly is also vital. The discharge point is where water exits the system, typically leading to a storm drain or a safe area away from the foundation. Make sure this area is clear of obstructions and that water is discharging properly. If the discharge point becomes blocked, water can back up into the system, reducing its effectiveness.

Another tip is to pay attention to the condition of the gravel or aggregate surrounding the drain pipes. This material helps facilitate water flow into the drain. If the gravel becomes compacted or contaminated with fine soil, it can impede water flow. Occasionally, you may

need to remove and replace the gravel to maintain optimal performance.

Keeping the area around your perimeter drain system clear of vegetation is also beneficial. Roots from trees and shrubs can invade the drain lines, causing blockages and damage. Regularly trim back any encroaching plants and consider installing a root barrier if necessary.

Lastly, it's a good idea to test your perimeter drain system periodically. During a heavy rainfall, observe how the system performs. If you notice any pooling water near the foundation or reduced flow from the discharge point, it may indicate a problem that needs addressing.

In conclusion, maintaining your perimeter drain system is key to ensuring its longevity and efficiency. Regular inspections, cleaning, checking the discharge point, monitoring the gravel, managing vegetation, and periodic testing are all essential practices. By following these tips, you can help protect your foundation from water damage and ensure your perimeter drain system continues to function effectively for years to come.

About structural failure

Redirect to:

- Structural integrity and failure

This page is a redirect. The following categories are used to track and monitor this redirect:

- **From a subtopic:** This is a redirect from a subtopic of the target article or section.
 - If the redirected subtopic could potentially have its own article in the future, then also tag the redirect with R with possibilities and R printworthy.
- **From a merge:** This is a redirect from a page that was merged into another page. This redirect was kept in order to preserve **the edit history of this page** after its content was merged into the content of the target page. Please *do not* remove the tag that generates this text (unless the need to recreate content on this page has been demonstrated) or delete this page.
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When appropriate, protection levels are automatically sensed, described and categorized.

About Hoffman Estates, Illinois

Hoffman Estates is located in Illinois

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Hoffman Estates
Estates

Hoffman Estates is located in the United States

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Hoffman Estates
Estates

Hoffman Estates, Illinois

Village

Hoffman Estates scenery

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Hoffman Estates scenery

Flag of Hoffman Estates, Illinois

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Flag

Official seal of Hoffman Estates, Illinois

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Seal

Motto:

"Growing to Greatness"

Location of Hoffman Estates in Cook County, Illinois

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Location of Hoffman Estates in Cook County, Illinois

Hoffman Estates is located in Chicago metropolitan area

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Hoffman Estates

Estates

Coordinates: 42°03′50″N 88°08′49″W﻿ / ﻿42.06389°N 88.14694°WCountry United StatesState IllinoisCounties CookTownships Schaumburg, Palatine, Hanover, BarringtonIncorporated 1959 (village)Government

• MayorWilliam D. McLeod^[citation needed] • Village ManagerEric J. Palm^[citation needed]
Area

[¹]

• Total

21.25 sq mi (55.03 km²) • Land21.07 sq mi (54.56 km²) • Water0.18 sq mi (0.47 km²)
0.86%Elevation

[²]

824 ft (251 m)Population

(2020)

• Total

52,530 • Density2,493.71/sq mi (962.82/km²)Zip Code

60169, 60010, 60192

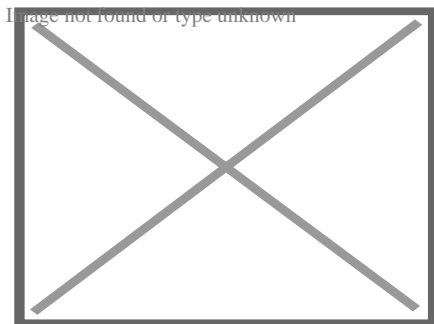
Area code(s)847 / 224FIPS code17-35411GNIS feature ID2398519^[2]Websitewww
.hoffmanestates.org

Hoffman Estates is a village in Cook County, Illinois, United States. It is a suburb of Chicago. Per the 2020 census, the population was 52,530.^[3]

The village previously served as the headquarters for Sears and is one of the American headquarters for Mori Seiki. Now Arena, home of the Windy City Bulls of the NBA G League is part of the village. Between 2006 and 2009, the village hosted the Heartland International Tattoo, one of the largest music and dance festivals of its kind in the Midwest.

History

[edit]



Sunderlage Farm Smokehouse^[4](National Register of Historic Places) in Hoffman Estates

Prior to the 1940s, German settlers moved into the area west of Roselle Road and north of Golf Road, then known as Wildcat Grove. The area was sparsely populated until farmers purchased land in the area in the 1940s.

In 1954, Sam and Jack Hoffman, owners of a father-son owned construction company, bought 160 acres of land in the area.^[5] The pair constructed homes and began the development of the region which now bears their name. As residents moved in, they voted to incorporate the area, and the Village of Hoffman Estates was incorporated on September 23, 1959.^{[6][5][7]} In 1973, six former town officials, including mayors Edward F. Pinger (1959-1965) and Roy L. Jenkins (1965-1969) were indicted on bribery and tax charges.^[8]

Once the Northwest Tollway opened, Schaumburg Township became more attractive to Chicago commuters. In the early 1960s, land annexations north of the tollway and in other neighboring regions more than doubled Hoffman Estates' land area.^[9]

The opening of the Woodfield Mall in Schaumburg to the east in 1971 made the area a major business center. An attempt to change the name of the village to East Barrington, among other names, was made in the early 1980s but failed upon a residential vote.^[10]

In the 1990s, the Prairie Stone Business Park began development. This 750-acre (3.0 km²) planned multi-purpose business park^[11] is bounded by Illinois Route 59 on the east, Interstate 90 on the south, Illinois Route 72 on the north, and Beverly Road on the west. The business park came to fruition in 1993 when Sears, Roebuck and Company relocated from the Sears Tower in Chicago to a sprawling headquarters in the northwest part of Prairie Stone.^{[12][11]} That was followed in by Indramat and Quest International, which in 1995 also opened facilities in the park.^{[13][14][15]} Throughout the 1990s, a health and wellness center and child care facility were developed, as well as other smaller office buildings, and a branch of Northern Illinois University. Development of the business park is still ongoing, and recent additions in the 2000s include the 11,000-seat Now Arena; office buildings for Serta, WT Engineering, I-CAR, and Mary Kay; a Cabela's outdoor outfitters store; a 295-room Marriott hotel; and the 400,000-square-foot (37,000 m²) Poplar Creek Crossing Retail Center, which is anchored by Target and numerous other big-box retailers. Future development will include further office buildings and retail development, Sun Island Hotel and Water Park, an amphitheater, and restaurants.

In 2011, the Village of Hoffman Estates took over ownership of the Now Arena.^[16] On June 23, 2020, the Village of Hoffman Estates approved an \$11.5 million deal to rename the Sears Centre Arena to the "NOW Arena".^[17]

In the fall of 2016, papers and artifacts from President Barack Obama's administration began to arrive in town, where they are being stored in a building on Golf Road. The site is their temporary home while construction takes place on the Barack Obama Presidential Center in Jackson Park, Chicago, and is not open to the public.^[18]

In January 2020, the Centers for Disease Control and Prevention (CDC) confirmed the second U.S. case of COVID-19 in a Hoffman Estates resident. The patient, a woman in her 60s returning from Wuhan, China, was treated at St. Alexius Medical Center.^[19] Her husband was later infected in the first case of human-to-human transmission of the SARS-CoV-2 virus in the United States.^[20]

Geography

[edit]

According to the 2021 census gazetteer files, Hoffman Estates has a total area of 21.25 square miles (55.04 km²), of which 21.07 square miles (54.57 km²) (or 99.15%) is land and 0.18 square miles (0.47 km²) (or 0.85%) is water.^[21]

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Places adjacent to Hoffman Estates, Illinois



Demographics

[edit]

Historical population

Census	Pop.	Note	%±
1960	8,296	—	
1970	22,238		168.1%
1980	37,272		67.6%
1990	46,363		24.4%
2000	49,495		6.8%
2010	51,895		4.8%
2020	52,530		1.2%

U.S. Decennial Census^[22]
 2010^[23] 2020^[24]

Hoffman Estates village, Illinois – Racial and ethnic composition

Note: the US Census treats Hispanic/Latino as an ethnic category. This table excludes Latinos from the racial categories and assigns them to a separate category. Hispanics/Latinos may be of any race.

Race / Ethnicity (NH = Non-Hispanic)	Pop 2000[²⁵]	Pop 2010[²³]	Pop 2020[²⁴]	% 2000	% 2010	% 2020
White alone (NH)	33,789	29,357	26,014	68.27%	56.57%	49.52%
Black or African American alone (NH)	2,141	2,393	2,472	4.33%	4.61%	4.71%
Native American or Alaska Native alone (NH)	54	60	69	0.11%	0.12%	0.13%
Asian alone (NH)	7,429	11,701	13,733	15.01%	22.55%	26.14%
Pacific Islander alone (NH)	10	4	2	0.02%	0.01%	0.00%
Other race alone (NH)	73	70	183	0.15%	0.13%	0.35%
Mixed race or Multiracial (NH)	801	1,013	1,579	1.62%	1.95%	3.01%
Hispanic or Latino (any race)	5,198	7,297	8,478	10.50%	14.06%	16.14%
Total	49,495	51,895	52,350	100.00%	100.00%	100.00%

As of the 2020 census^[26] there were 52,530 people, 18,110 households, and 14,048 families residing in the village. The population density was 2,472.58 inhabitants per square mile (954.67/km²). There were 19,160 housing units at an average density of 901.86 per square mile (348.21/km²). The racial makeup of the village was 52.08% White, 26.26% Asian, 4.87% African American, 0.60% Native American, 0.02% Pacific Islander, 7.51% from other races, and 8.68% from two or more races. Hispanic or Latino of any race were 16.14% of the population.

There were 18,110 households, out of which 36.3% had children under the age of 18 living with them, 61.71% were married couples living together, 11.97% had a female householder with no husband present, and 22.43% were non-families. 18.07% of all households were made up of individuals, and 5.43% had someone living alone who was 65 years of age or older. The average household size was 3.16 and the average family size was 2.77.

The village's age distribution consisted of 23.1% under the age of 18, 7.3% from 18 to 24, 27.7% from 25 to 44, 28.3% from 45 to 64, and 13.5% who were 65 years of age or older. The median age was 38.2 years. For every 100 females, there were 97.6 males. For every 100 females age 18 and over, there were 96.4 males.

The median income for a household in the village was \$92,423, and the median income for a family was \$103,641. Males had a median income of \$56,210 versus \$42,288 for females. The per capita income for the village was \$40,016. About 3.3% of families and 4.3% of the population were below the poverty line, including 4.9% of those under age 18 and 3.5% of those age 65 or over.

Economy

[edit]

Employers

[edit]

Many Japanese companies have their U.S. headquarters in Hoffman Estates and Schaumburg [27] but the largest employers in Hoffman Estates as of 2023[28] are:

No.	Employer	No. of employees
1	St. Alexius Medical Center	2,500
2	Siemens Medical Systems	400
3	Claire's[29]	400
4	Village of Hoffman Estates	370
5	FANUC America[30]	350
6	Vistex	350
7	Leopardo Companies, Inc.	300
8	Wells Fargo	300
9	The Salvation Army	270
10	Tate & Lyle	220

Education

[edit]

The village is served by several public school districts. The majority of residents who live in Schaumburg Township attend:

- Township High School District 211 (9–12)[31]
- Community Consolidated School District 54 (K–8)[32]

North Hoffman Estates (north of I-90) residents are served by:

- Township High School District 211
- Community Consolidated School District 15 (K–8)[33] (East of Huntington Blvd)
- Barrington School District 220 (K–12) (Unit District) (West of Huntington Blvd).[34]

Residents west of Barrington Road primarily attend Unit School District, Elgin Area U46.

High schools

[edit]

Schools located in the Hoffman Estates village limits:

- Hoffman Estates High School
- James B. Conant High School

Other high schools in the same township high school district:

- Schaumburg High School
- William Fremd High School
- Palatine High School

Community college

[edit]

Most of the village is served by Harper College Community College District 512.



Miscellaneous education

[edit]

The Xilin Northwest Chinese School (simplified Chinese: 新林西北汉语学校; traditional Chinese: 新林西北漢語學校; pinyin: *Xīnlín Xīběi Zhōngwén Xuéxiào*) holds its classes at Conant High School in Hoffman Estates.^[35] It serves grades preschool through 12.^[36] The school predominately serves mainland Chinese families. In 2003 the school held its classes in Palatine High School in Palatine. In 2000 the school had served around 300 students. This figure increased almost by 100%, to almost 600 students. This made it one of the largest of the Chinese schools in the Chicago area.^[37]

Library

[edit]

-  Chicago portal
-  Illinois portal
- Barrington Area Library
- Schaumburg Township District Library
- Gail Borden Public Library District
- Palatine Township Library

Sister city

[edit]

Hoffman Estates has one sister city:^[38]

- Angoulême, Charente, Nouvelle-Aquitaine, France

Transportation

[edit]

Pace provides bus service on multiple routes connecting Hoffman Estates to Elgin, Rosemont, and other destinations.^[39]

Notable people

[edit]

- Tammy Duckworth, U.S. Senator from Illinois (2016–present)^[40]
- Rob Valentino (b. 1985), former soccer player who is an assistant coach for Atlanta United^[41]
- William Beckett, lead singer of the band The Academy Is...

Notes

[edit]

- ¹ [^] "2020 U.S. Gazetteer Files". *United States Census Bureau*. Retrieved March 15, 2022.
- ² [^] **a b** U.S. Geological Survey Geographic Names Information System: Hoffman Estates, Illinois
- ³ [^] "Hoffman Estates village, Illinois". *United States Census Bureau*. Retrieved April 15, 2022.
- ⁴ [^] "The Sunderlage Smokehouse: Hoffman Eestates' National Register Landmark". *History of Schaumburg Township: A Blog of the Schaumburg Township District Library*. February 21, 2010. Retrieved March 3, 2017.
- ⁵ [^] **a b** Collins, Catherine (August 24, 1986). "Hoffman Estates Plans a Revamp of Future Image". *Chicago Tribune*.
- ⁶ [^] "Hoffman Estates, IL". *The Encyclopedia of Chicago*. Retrieved March 8, 2020.
- ⁷ [^] "HR0614 96th General Assembly". *State of Illinois*.
- ⁸ [^] Davis, Robert (October 27, 1973). "U.S. indicts builder, seven ex-officials in suburb bribe". *Chicago Tribune*.
- ⁹ [^] "History of Hoffman Estates". *Village of Hoffman Estates*. Retrieved March 8, 2020.

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11. ^ **a b** *Sulski, Jim (May 11, 2000). "Versatile Network Brings Workers to Prairie Stone Business Park". Chicago Tribune.*
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20. ^ *Hauck, Grace (January 30, 2020). "Chicago man is first US case of person-to-person coronavirus spread". USA Today. Chicago. Retrieved February 13, 2020.*
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24. ^ **a b** *"P2 Hispanic or Latino, and Not Hispanic or Latino by Race – 2020: DEC Redistricting Data (PL 94-171) –Hoffman Estates village, Illinois". United States Census Bureau.*
25. ^ *"P004: Hispanic or Latino, and Not Hispanic or Latino by Race – 2000: DEC Summary File 1 – Hoffman Estates village, Illinois". United States Census Bureau.*
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27. ^ *Selvam, Ashok. "Asian population booming in suburbs". Daily Herald (Arlington Heights, Illinois). March 6, 2011. Retrieved on June 19, 2013.*
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External links

[edit]

- o Village of Hoffman Estates official website

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Places adjacent to Hoffman Estates, Illinois

Barrington Hills

South Barrington

Inverness / Palatine

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East Dundee / Elgin  **Hoffman Estates, Illinois**

 Palatine

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Elgin

Streamwood

Schaumburg

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Hoffman Estates, Illinois

Education

Schools

- Community Consolidated School District 54
- Community Consolidated School District 15
- Barrington School District 220
- Township High School District 211
 - Hoffman Estates High School
 - James B. Conant High School
- Elgin Area School District U46

Other education

- Harper College (in Palatine)
- Schaumburg Township District Library
- Barrington Area Library

Other

Landmarks

- Now Arena
- Sunderlage Farm Smokehouse

This list is incomplete.

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Municipalities and communities of Cook County, Illinois, United States

County seat: **Chicago**

Cities

- Berwyn
- Blue Island
- Burbank
- Calumet City
- Chicago‡
- Chicago Heights
- Country Club Hills
- Countryside
- Des Plaines
- Elgin‡
- Elmhurst‡
- Evanston
- Harvey
- Hickory Hills
- Hometown
- Markham
- Northlake
- Oak Forest
- Palos Heights
- Palos Hills
- Park Ridge
- Prospect Heights
- Rolling Meadows

Towns

- Cicero

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Map of
Illinois
highlighting
Cook
County

- Alsip
- Arlington Heights‡
- Barrington‡
- Barrington Hills‡
- Bartlett‡
- Bedford Park
- Bellwood
- Bensenville‡
- Berkeley
- Bridgeview
- Broadview
- Brookfield
- Buffalo Grove‡
- Burnham
- Burr Ridge‡
- Calumet Park
- Chicago Ridge
- Crestwood
- Deer Park‡
- Deerfield‡
- Dixmoor
- Dolton
- East Dundee‡
- East Hazel Crest
- Elk Grove Village‡
- Elmwood Park
- Evergreen Park
- Flossmoor
- Ford Heights
- Forest Park
- Forest View
- Frankfort‡
- Franklin Park
- Glencoe
- Glenview
- Glenwood
- Golf
- Hanover Park‡
- Harwood Heights
- Hazel Crest
- Hillside
- Hinsdale‡
- Hodgkins
- Hoffman Estates
- Homer Glen‡
- Homewood
- Indian Head Park

Townships

- Barrington
- Berwyn
- Bloom
- Bremen
- Calumet
- Cicero
- Elk Grove
- Hanover
- Lemont
- Leyden
- Lyons
- Maine
- New Trier
- Niles
- Northfield
- Norwood Park
- Oak Park
- Orland
- Palatine
- Palos
- Proviso
- Rich
- River Forest
- Riverside
- Schaumburg
- Stickney
- Thornton
- Wheeling
- Worth

Former: Evanston • Hyde Park • Jefferson • Lake • Lake View • North Chicago • Rogers Park • South Chicago • West Chicago

Unincorporated communities

- Central Stickney
- Hines
- Indian Hill
- La Grange Highlands
- Nottingham Park
- Sag Bridge
- Sutton

- Other Communities**
 - Orchard Place
 - Techny

Footnotes ‡This populated place also has portions in an adjacent county or counties

- Illinois portal
- United States portal

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Chicago metropolitan area

Major city

- **Chicago**

- Aurora
- Berwyn
- Calumet City
- Crown Point
- Crystal Lake
- DeKalb
- Des Plaines
- Elgin
- Elmhurst
- Evanston
- Gary
- Hammond
- Highland Park
- Joliet
- Kenosha
- Naperville
- North Chicago
- Park Ridge
- Portage
- St. Charles
- Valparaiso
- Waukegan
- Wheaton

**Cities
(over 30,000 in 2020)**

Chicago landsat image

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**Towns and villages
(over 30,000 in 2020)**

- Addison
- Arlington Heights
- Bartlett
- Bolingbrook
- Buffalo Grove
- Carol Stream
- Carpentersville
- Cicero
- Downers Grove
- Elk Grove Village
- Glendale Heights
- Glenview
- Grayslake
- Gurnee
- Hanover Park
- Hoffman Estates
- Lombard
- Merrillville
- Mount Prospect
- Mundelein
- Niles
- Northbrook
- Oak Lawn
- Oak Park
- Orland Park
- Oswego
- Palatine
- Plainfield
- Romeoville
- Schaumburg
- Skokie
- Streamwood
- Tinley Park
- Wheeling
- Wonder Lake
- Woodridge

Counties

- Cook
- DeKalb
- DuPage
- Grundy
- Jasper
- Kane
- Kankakee
- Kendall
- Kenosha
- Lake, IL
- Lake, IN
- McHenry
- Newton
- Porter
- Will

Regions

- Great Lakes
- Northern Illinois
- Northern Indiana

Sub-regions

- Chicago Southland
- Eastern Ridges and Lowlands
- Fox Valley (Illinois)
- Golden Corridor
- Illinois Technology and Research Corridor
- North Shore (Chicago)
- Northwest Indiana

Illinois, United States

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State of Illinois

Springfield (capital)

Topics

- Index
- Abortion
- African Americans
- Buildings and structures
- Census areas
- Climate change
- Crime
- Communications
- Culture
- Delegations
- Earthquakes
- Economy
- Education
- Energy
- Environment
- Geography
- Government
- Health
- History
- Homelessness
- Languages
- Law
- Military
- Music
- People
- Politics
- Portal
- Protected areas
- Science and technology
- Sister cities
- Society
- Sports
- Symbols
- Tourism
- Transportation
- Windmills

Regions

- American Bottom
- Bloomington–Normal metropolitan area
- Central Illinois
- Champaign–Urbana metropolitan area
- Chicago metropolitan area
- Collar counties
- Corn Belt
- Driftless Area
- Forgottonia
- Fox Valley
- Illinois–Indiana–Kentucky tri-state area
- Metro East
- Metro Lakeland
- Mississippi Alluvial Plain
- North Shore
- Northern Illinois
- Northwestern Illinois
- Peoria metropolitan area
- Quad Cities
- River Bend
- Rockford metropolitan area
- Southern Illinois
- Wabash Valley

- Alton/Granite City/Edwardsville
- Arlington Heights/Palatine
- Aurora/Naperville/Oswego/Plainfield
- Bartlett/Hanover Park/Streamwood
- Belleville/East St. Louis/Collinsville/O'Fallon
- Berwyn/Cicero
- Bloomington/Normal
- Bolingbrook/Romeoville
- Buffalo Grove/Wheeling
- Calumet City
- Canton
- Carbondale
- Carol Stream/Glendale Heights
- Centralia
- Champaign/Urbana
- Charleston/Mattoon
- Chicago
- Chicago Heights
- Crystal Lake/Algonquin
- Danville
- Decatur
- DeKalb/Sycamore
- Des Plaines/Mount Prospect/Park Ridge
- Dixon
- Downers Grove/Woodridge
- Effingham
- Elgin/Carpentersville
- Elmhurst/Lombard/Addison
- Evanston/Skokie
- Freeport
- Galesburg
- Glenview/Northbrook
- Harrisburg
- Jacksonville
- Joliet
- Kankakee/Bradley/Bourbonnais
- Lincoln
- Macomb
- Marion/Herrin
- Moline/East Moline/Rock Island
- Mount Vernon
- Mundelein
- Oak Lawn
- Oak Park
- Orland Park/Tinley Park
- Ottawa/Streator/LaSalle/Peru
- Peoria/Pekin/East Peoria/Morton/Washington

Municipalities

- Adams
- Alexander
- Bond
- Boone
- Brown
- Bureau
- Calhoun
- Carroll
- Cass
- Champaign
- Christian
- Clark
- Clay
- Clinton
- Coles
- Cook
- Crawford
- Cumberland
- DeKalb
- DeWitt
- Douglas
- DuPage
- Edgar
- Edwards
- Effingham
- Fayette
- Ford
- Franklin
- Fulton
- Gallatin
- Greene
- Grundy
- Hamilton
- Hancock
- Hardin
- Henderson
- Henry
- Iroquois
- Jackson
- Jasper
- Jefferson
- Jersey
- Jo Daviess
- Johnson
- Kane
- Kankakee
- Kendall

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International

- VIAF
- WorldCat

National

- Germany
- United States
- Israel

Geographic

- MusicBrainz area

About Cook County

Photo

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Things To Do in Cook County

Photo

Sand Ridge Nature Center

4.8 (96)

Photo

Image not found or type unknown

River Trail Nature Center

4.6 (235)

Photo

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Palmisano (Henry) Park

4.7 (1262)

Driving Directions in Cook County

Driving Directions From Palmisano (Henry) Park to

Driving Directions From Lake Katherine Nature Center and Botanic Gardens to

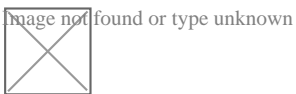
Driving Directions From Navy Pier to

<https://www.google.com/maps/dir/Navy+Pier/United+Structural+Systems+of+Illinois%2C+87.6050944,14z/data=!3m1!4b1!4m14!4m13!1m5!1m1!1sunknown!2m2!1d-87.6050944!2d41.8918633!1m5!1m1!1sChIJ-wSxDtinD4gRiv4kY3RRh9U!2m2!1d-88.1396465!2d42.0637725!3e0>

<https://www.google.com/maps/dir/Lake+Katherine+Nature+Center+and+Botanic+Gardens+87.8010774,14z/data=!3m1!4b1!4m14!4m13!1m5!1m1!1sunknown!2m2!1d-87.8010774!2d41.6776048!1m5!1m1!1sChIJ-wSxDtinD4gRiv4kY3RRh9U!2m2!1d-88.1396465!2d42.0637725!3e2>

<https://www.google.com/maps/dir/Palmisano+%28Henry%29+Park/United+Structural+Sys+87.6490151,14z/data=!3m1!4b1!4m14!4m13!1m5!1m1!1sunknown!2m2!1d-87.6490151!2d41.8429903!1m5!1m1!1sChIJ-wSxDtinD4gRiv4kY3RRh9U!2m2!1d-88.1396465!2d42.0637725!3e1>

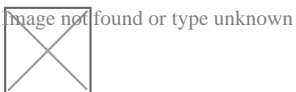
Reviews for



Jeffery James

(5)

Very happy with my experience. They were prompt and followed through, and very helpful in fixing the crack in my foundation.

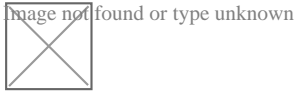


Sarah McNeily

(5)

USS was excellent. They are honest, straightforward, trustworthy, and conscientious. They thoughtfully removed the flowers and flower bulbs to dig where they needed in the yard, replanted said flowers and spread the extra dirt to fill

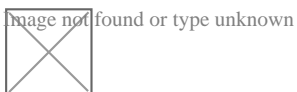
in an area of the yard. We've had other services from different companies and our yard was really a mess after. They kept the job site meticulously clean. The crew was on time and friendly. I'd recommend them any day! Thanks to Jessie and crew.



Jim de Leon

(5)

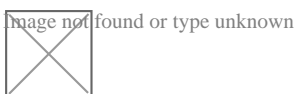
It was a pleasure to work with Rick and his crew. From the beginning, Rick listened to my concerns and what I wished to accomplish. Out of the 6 contractors that quoted the project, Rick seemed the MOST willing to accommodate my wishes. His pricing was definitely more than fair as well. I had 10 push piers installed to stabilize and lift an addition of my house. The project commenced at the date that Rick had disclosed initially and it was completed within the same time period expected (based on Rick's original assessment). The crew was well informed, courteous, and hard working. They were not loud (even while equipment was being utilized) and were well spoken. My neighbors were very impressed on how polite they were when they entered / exited my property (saying hello or good morning each day when they crossed paths). You can tell they care about the customer concerns. They ensured that the property would be put back as clean as possible by placing MANY sheets of plywood down prior to excavating. They compacted the dirt back in the holes extremely well to avoid large stock piles of soils. All the while, the main office was calling me to discuss updates and expectations of completion. They provided waivers of lien, certificates of insurance, properly acquired permits, and JULIE locates. From a construction background, I can tell you that I did not see any flaws in the way they operated and this an extremely professional company. The pictures attached show the push piers added to the foundation (pictures 1, 2 & 3), the amount of excavation (picture 4), and the restoration after dirt was placed back in the pits and compacted (pictures 5, 6 & 7). Please notice that they also sealed two large cracks and steel plated these cracks from expanding further (which you can see under my sliding glass door). I, as well as my wife, are extremely happy that we chose United Structural Systems for our contractor. I would happily tell any of my friends and family to use this contractor should the opportunity arise!



Chris Abplanalp

(5)

USS did an amazing job on my underpinning on my house, they were also very courteous to the proximity of my property line next to my neighbor. They kept things in order with all the dirt/mud they had to excavate. They were done exactly in the timeframe they indicated, and the contract was very details oriented with drawings of what would be done. Only thing that would have been nice, is they left my concrete a little muddy with boot prints but again, all-in-all a great job



Dave Kari

(5)

What a fantastic experience! Owner Rick Thomas is a trustworthy professional. Nick and the crew are hard working, knowledgeable and experienced. I interviewed every company in the area, big and small. A homeowner never wants

to hear that they have foundation issues. Out of every company, I trusted USS the most, and it paid off in the end. Highly recommend.

Evaluating Perimeter Drain Systems for Dry Foundations [View GBP](#)

Check our other pages :

- o [Recognizing Soil Drainage Limitations](#)
- o [Understanding Swale Placement for Controlled Water Flow](#)
- o [Approaches for Chemical Soil Stabilization](#)
- o [Examining Seasonal Swelling and Shrinking of Soil](#)

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Company Website : <https://www.unitedstructuralsystems.com/>

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