

# Fermi 2 Nuclear Power Plant – DTE Energy Visitor Guide



**[Fermi 2 – DTE Energy](#)**

**6400 N. Dixie Hwy.**

**Newport, MI 48166**

# Welcome

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Monroe, Michigan serves as the gateway to the Great Lakes and is just miles from the Michigan/Ohio border. Monroe is located about 45 minutes away from the larger metropolitan areas of Detroit, Ann Arbor and Toledo. Local residents and visitors share the advantages of small town charm with easy access to an array of services and opportunities offered by large cities.

This visitor guide will provide you with directions to the Fermi 2 site, teach you a bit of history, educate you on our very basic safety and security expectations, and recommend places to stay and eat in the area. If you are unfamiliar with Fermi 2 or new to the nuclear industry, please ensure you completely understand processes and procedures prior to performing any work on site. If you are unsure, always STOP and seek guidance!

Welcome to Fermi, stay aware, and be safe always!

## A Brief History of Fermi 2

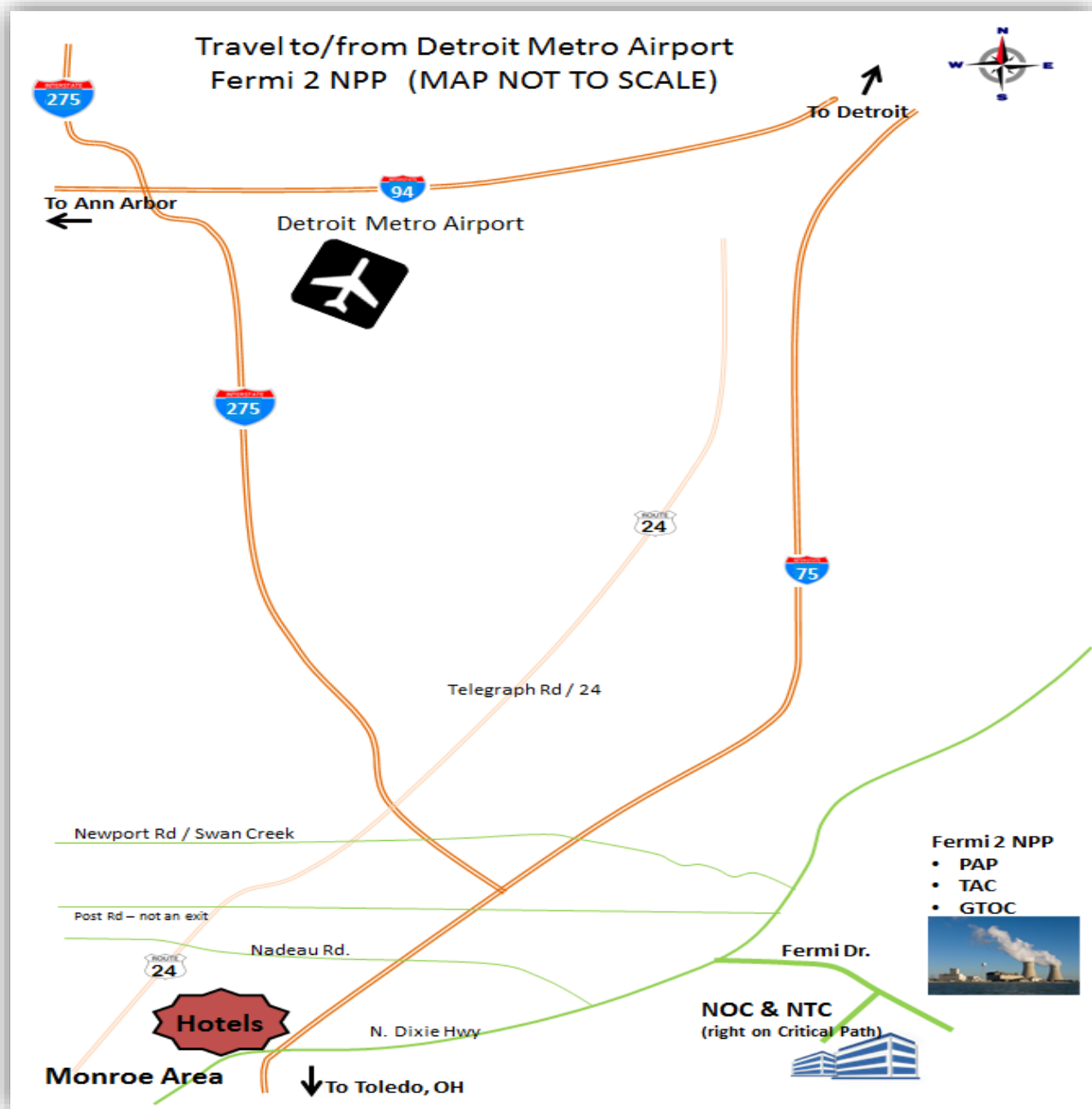
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Construction of Fermi 2 began in 1968 when DTE Energy announced plans to build a light water reactor power plant along the Western shore of Lake Erie in Frenchtown Township. The plant was constructed to meet the fast growing, local demand for electricity and to provide the region with a diverse fuel mix.

The plant opened in January, 1988. Fermi 2's electric generating capacity is nearly 1,200 megawatts at 22,000 volts, which produces about 15 percent of the power generated by Detroit Edison.

### **Fermi 2 Facts:**

- Fermi 2 normally produces enough electricity to serve a city of about one million people.
- Fermi 2 was the 93rd nuclear power plant to be licensed in the United States.
- Fermi 2 contains 300,000 cubic yards of concrete, 20,000 tons of steel, 1,200 miles of electric wire and 70 miles of conduit.
- The plant's cooling system is a "closed system" to prevent thermal or other pollution in Lake Erie.
- Fermi 2's cooling water reservoir can store about 30 million gallons.
- Each of Fermi 2's 400 –foot cooling towers has the capacity to cool 450,000 gallons of water per minute.
- The mist seen rising above the cooling towers is clean water vapor – about 8,000 gallons a minute per tower when the plant is in full operation.
- The reactor contains 185 control rods and 764 zirconium alloy fuel assemblies containing 15 million uranium pellets.
- The electricity produced by one fuel pellet, roughly the size of a pencil eraser, is equal to the amount produced by 4 ½ barrels of oil or one ton of coal.



Directions from Detroit Metropolitan Airport:

- Take I-275 South. From I-275 S., exit onto I-75 North. Take the first exit, Exit 21 (Newport/Swan Creek Rd)
- Go East (right) on Newport Rd which turns into Swan Creek Rd
- Turn Right onto N. Dixie Hwy (St. Charles Church will be on the right)
- Continue three miles to the Enrico Fermi Energy Center sign at the light - Turn left into Fermi property

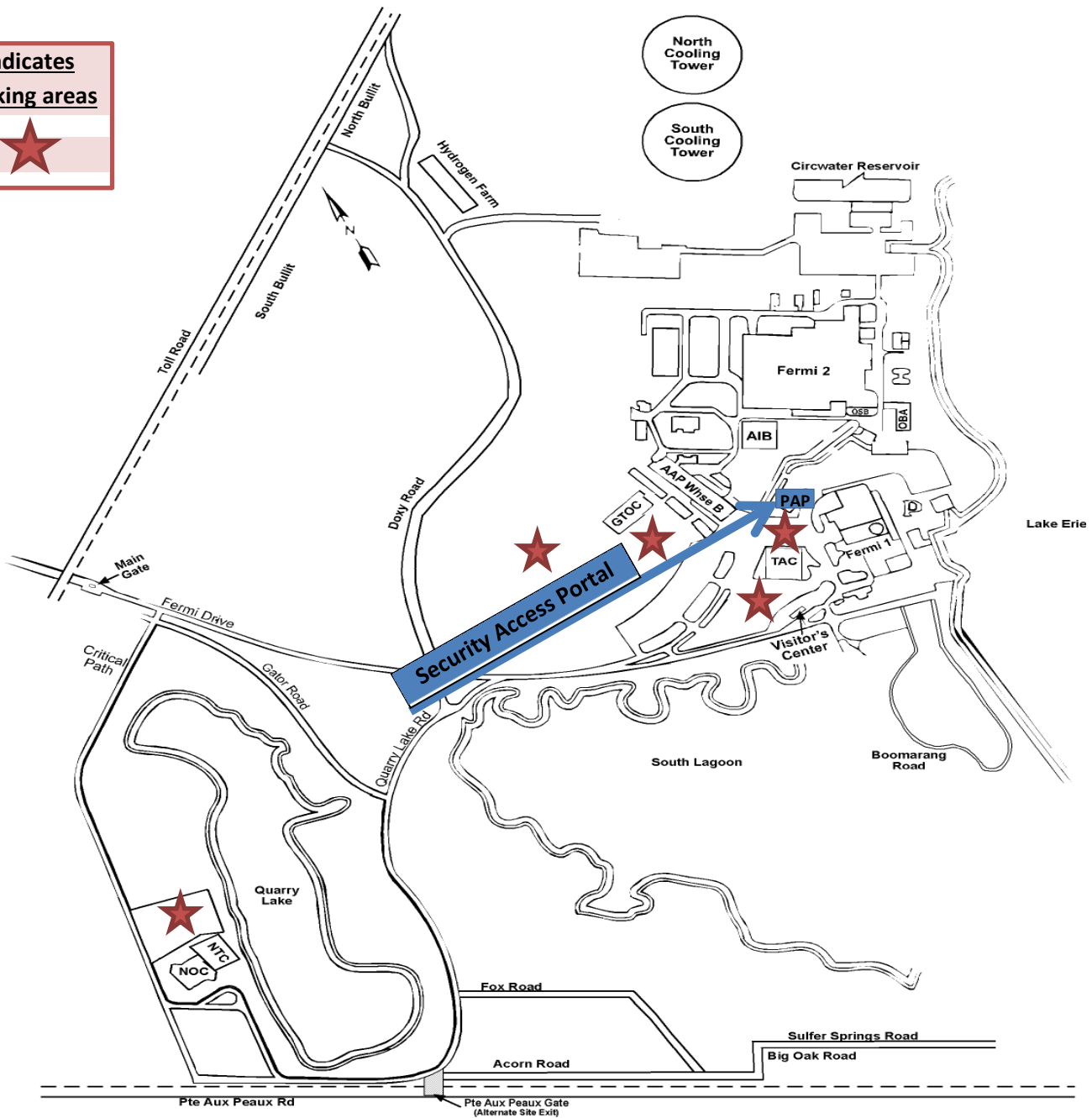
Directions from the North (Detroit):

- I-75 South to Exit 21 (Newport Rd). Head East (right) on Newport Rd which turns into Swan Creek Rd
- Turn Right onto N. Dixie Hwy (St. Charles Church will be on the right)
- Continue three miles to the Enrico Fermi Energy Center sign - Turn left into Fermi property

Directions from the South (Toledo):

- I-75 North to Exit 15 (M-50, Dixie Highway).
- Turn right, continue approximately five miles to Enrico Fermi Energy Center sign - Turn right into Fermi property

# Site Layout



**Visitors are no longer required to stop at the Security Gate on Fermi Drive. Buildings are secure and require proper badging or a business contact. It is expected that visitors know their destination and have a contact phone number. Please obey all speed limits, traffic signs, and safety practices.**

# FERMI 2 NUCLEAR GENERATING STATION

## SITE POLICIES & STANDARDS

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**ONSITE Emergency: Dial 250 from any site phone or (734)586-1250 from a mobile phone. All emergencies and injuries must be reported to your immediate supervisor.**

### Security

- You may be requested to give your social security number to your site contact or security. Your social security number will be used for security purpose only and will be handled as confidential information.
- All personnel and vehicles are subject to search. The following items are prohibited: firearms (loaded or unloaded), ammunition, explosives, incendiary devices, alcoholic beverages, and controlled substances without a prescription.
- All personnel and vehicles are required to pass through the main gate. There are no requirements to stop, however, obey the 15mph speed limit. If a security officer is present and fully stopping personnel, follow instructions given.

### Basic Safety Requirements for Entering, Exiting and Navigating Around the Site

- Site access control and speed restrictions are established to protect the safety of all employees, visitors and the general public. Speed limits are monitored on the access road and throughout the site. It is imperative that you strictly adhere to all postings.
- SLOW your vehicle as you APPROACH the checkpoint when entering the site (speed is limited to 15 mph through the main gate). **You do not need to stop unless a security officer is present - proceed to your destination.**
- Observe all parking regulations, drive safely in parking lots, and obey directional arrows in lots if they exist. *Always* give pedestrians the right of way. Pedestrian paths are indicated with yellow stripes or are sidewalks, however use extra caution driving in parking lots and in intersections when the view may be obstructed.
- Do not use your cell phone while driving or walking, unless it is hands free. Remain alert if using hands free.
- Stay alert and keep your eyes on your path. Walk on sidewalks and in striped pedestrian walkways whenever possible. Limit walking behind vehicles and across uneven surfaces unless necessary.
- Use handrails when ascending or descending staircases on site. Use elevators if transporting items does not allow use of handrails.

### Escorted and Unescorted Access

#### ➤ Escorted Access

If you are not being given a badge for unescorted access, you will enter the site as a visitor. All visitors must be escorted into the protected and vital areas of the station.

An escort is an individual with authorized unescorted access for the area the visitor needs to enter. If you are being escorted, you must remain with your escort at all times. The escort must maintain visual contact AND voice control of the visitor at all times. The visitor may enter a restroom or locker room unescorted if there is only one entrance/exit and the escort observes the entry/exit.

# FERMI 2 GENERATING STATION

## SITE POLICIES & STANDARDS (cont'd)

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### Escorted and Unescorted Access (cont'd)

#### ➤ Unescorted Access

If you are to be given a badge for unescorted site access, you will be required to successfully complete the necessary training and in-processing activities. These activities may include security screening, drug and alcohol testing, classroom training and testing. Access requirements are determined on an individual, as needed basis.

Security badge must be displayed always on the upper portion of your body, on the outer garment, with the picture facing out. Be aware of the badge during inclement/windy weather, as it may become unattached.

### Smoking Policy

Fermi 2 Generating Station allows smoking only in designated areas. Smoking is not allowed while transiting to a designated smoking area. Tobacco “butts” must be discarded in appropriate receptacles.

### Attire

#### ➤ Office Buildings

Office attire is “business-casual”; comfortable clothing that would be compatible with an office environment. Sandals, flip-flops, shorts, and distracting/revealing/offensive clothing are not appropriate. Individuals wearing such attire may be asked to vacate and change into appropriate clothing.

#### ➤ Protected Area

When navigating through the Primary Access Portal (PAP), you will be required to remove metal. Footwear with steel toes or shanks, belts, jackets, headwear and items from pockets are to be placed in bins provided and scanned. Planning ahead for this will minimize wait times. Sandals, flip-flops, shorts, and distracting/revealing/offensive clothing are not appropriate. Sturdy footwear without steel comes highly recommended. Wear as little metal/steel as possible.

#### ➤ Plant/Work Areas

Personal Protective Equipment (PPE) – Approved hard hats, safety glasses, appropriate gloves, and hearing protection are worn inside most areas of the plant. Generally, supportive safety shoes with leather uppers or sturdy work boots are required when working inside the station power block, and in other areas where a foot hazard exists. Cotton clothing, scrubs, coveralls and Protective Clothing (PC's) may be required. Additional protective clothing may be required for specific tasks and will be assigned/discussed per each job.

*If you are unsure of the proper clothing or footwear required for your visit, check with your Fermi 2 site contact before arrival, particularly if you are a visitor going on a plant tour. Do not proceed if you are questioning PPE, footwear or clothing standards inside the plant or radiologically controlled areas.*

# Area Hotels

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## Best Recommended Hotels Near Fermi:

[Holiday Inn Express & Suites](#)  
1687 N. Dixie Hwy, Monroe MI  
734-639-1701

[Hampton Inn Monroe](#)  
1565 N. Dixie Hwy, Monroe MI  
734-289-5700

[Quality Inn & Suites](#)  
1225 N. Dixie Hwy, Monroe, MI  
734-242-6000

## Other Monroe Area Hotels:

[Hotel Sterling](#)  
109 W. Front St, Downtown Monroe MI  
734-242-6212

[Baymont Inn & Suites Monroe](#) (budget)  
14774 Laplaisance Rd, Monroe MI  
734-384-1600

[Econo Lodge Monroe](#) (budget)  
6500 East Albain Road, Monroe MI  
734-384-1500

# Chain Restaurants – Monroe Area

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Applebee's  
2100 N. Telegraph Rd  
734-243-6756

Buffalo Wild Wings  
1766 N Telegraph Rd  
734-240-2999

Cracker Barrel  
1101 Ternes Dr  
734-243-0721

IHOP  
1240 N Dixie Hwy  
734-639-2074

Jimmy Johns  
2237 N. Telegraph Rd  
734-240-0155

Olga's Kitchen  
2121 N. Monroe St  
734-241-8320

Panera Bread  
393 N Telegraph Rd  
734-457-2600

QDOBA Mexican Eats  
1570 N. Telegraph  
734-457-5640

Red Lobster  
1552 N. Dixie Hwy  
734-289-2800

Ruby Tuesday  
2071 N. Telegraph Rd  
734-457-3169

Starbucks  
2080 N Telegraph Rd  
734-770-0547

Tim Hortons/Cold Stone Creamery  
1700 N. Telegraph  
\*add'l locations, minus ice cream

There are many amazing restaurant choices 30-45 minutes from Fermi. Perform a search in Toledo, Detroit, Ann Arbor and surrounding areas. These close, large cities offer steakhouses, sushi, and just about any ethnic food you may want to try; if willing to make the drive, your taste buds will thank you!



# Local Favorites – and why we love them!

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Feel like staying near Fermi to grab a quick bite and cold one? Stop by [Verna's Tavern](#), [Jerry's Frenchtown Bar](#), or [Sal's Place](#) – each a stone's throw away from Fermi. Or venture out and try one of these locally-owned restaurants:

[Detroit Beach Pizzeria](#): 2630 Grand Blvd, Monroe – An old favorite in business 50+ years! Hole-in-the-wall pizza joint a few miles south of Fermi; famous for large, thin, homemade-dough greasy pizza, baked mostaccioli, and gnocchi.

[The Clamdigger "The Digger"](#): 1540 E. Elm, Monroe – A dive known especially for signature Mashed Potato Pizza. Popular sunny-day spot to sit out on the back deck along the River Raisin while enjoying cocktails and music.

[Erie Bread Company](#): 311 S. Monroe St, Monroe – Bakery with fabulous breads and unique, delicious sandwich combinations. This busy place is in an area with little parking, limited hours and NO SEATING, so calling ahead a "pick-up" order is highly recommended but well worth it!

[Eureka Gyro](#): 3080 N. Monroe St, Monroe – You wouldn't think you could get a delicious gyro out of a gas station, would you? Fresh Gyros, Gyro Bowls, Salads, Shawarma, hummus and specials makes this place the best gas station around!

[Public House](#): 138 N. Monroe St, Monroe – Homemade original dishes made with fresh local ingredients in a recently remodeled modern-rustic atmosphere. Small menu, involved owner, holds special tastings, wine and beer pairings.

[Pete's Garage](#): 930 N. Telegraph Rd, Monroe – Large sports bar with tons of TV's, a large selection of beer and alcohol, pool tables, and a spirited atmosphere. Especially known for their generous portions.

[Dolce Vita](#), [Sushi Yono](#), and [Nick & Nino's](#): 391 N. Telegraph Rd, Monroe – With the same owners and location, a unique "one-stop-shop" for good Italian food, Sushi, or fresh brick-oven fired pizza. \*Sushi Yono is located inside Dolce Vita.

[Northside Bar & Grill](#): 3475 N. Monroe St., Monroe – Best known for its huge selection of Michigan Craft Beers (28+ beers on tap), recently updated with outdoor seating area. Good burgers, beer and "bar food".

[Michigan Bar & Grill](#): 1140 S. Monroe St., Monroe – Recently updated family-owned restaurant offering good food, good service, great variety (huge salads) and reasonable prices.

[Harbor Inn & Ale](#): 13993 LaPlaisance Rd, Monroe – Popular spot for Lake Erie Yellow Perch and Walleye but their large menu provides many choices. Located close to the water (no view); grab an adult beverage, sit outside on a nice day, or check out a local band.

[LaFiesta](#): 11191 Telegraph Rd., Erie (just South of Monroe) or 102 Tecumseh St., Dundee (about 15 minutes west of Monroe near Cabela's), LaFiesta is a large Mexican Restaurant with yummy chips-n-salsa, a large menu, Margaritas, and weekly specials.

[Kiku Sushi](#): 403 N. Telegraph Rd, Monroe – Monroe's newest sushi place offers a wide variety of specialty sushi and sashimi rolls, hibachi dinners, udon & soba, and other Japanese dishes.

## **Restaurants, eateries, and entertainment worth mentioning:**

**In downtown Monroe:** 129 Martini Lounge, McGeady's, Amayas, Cravings, Susie's Sweets, Agua Dolce Coffee & Tea.

**Within Monroe County:** Monroe Golf & Country Club, Carrington Gulf Club & Pizzeria, Joe's French Italian, Trapperz, Monroe Grill, Larson's, Mugsy's, Dena's, Tiffany's Pizza (in house/delivery), Sandbar Grille (local bands), hot dog stand rivals Monroe's Original and Vince's (seasonal).



# Entertainment

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## **Ann Arbor, MI** (click for map)

### [Michigan Stadium](#)

1201 S Main St, Ann Arbor, MI 48104  
(734) 647-2583

### [Matthaei Botanical Gardens & Nichols Arboretum](#)

1610 Washington Heights, Ann Arbor, MI 48104  
(734) 647-8986

### [Michigan Theater](#)

603 E Liberty St, Ann Arbor, MI 48104  
(734) 668-8463

### [University of Michigan Museum of Art](#)

525 S State St, Ann Arbor, MI 48109  
(734) 764-0395

### [Leslie Science Center](#)

1831 Traver Rd, Ann Arbor, MI 48105  
(734) 997-1553

### [Jacques Dessange Salon & Spa](#)

206 S 5th Ave #300, Ann Arbor, MI 48104  
(734) 996-5585

## **Detroit, MI** (click for map)

### [Detroit Institute of Arts](#)

Wayne State University, 5200 Woodward Avenue,  
Detroit, MI 48202  
(313) 833-7900

### [Motown Historical Museum](#)

2648 W Grand Blvd, Detroit, MI 48208  
(313) 875-2264

### [The Ford Piquette Avenue Plant](#)

461 Piquette Ave, Detroit, MI 48202  
(313) 872-8759

### [Guardian Building](#)

500 Griswold St, Detroit, MI 48226  
(313) 963-4567

### [Anna Scripps Whitcomb Conservatory](#)

7000 Inselruhe Ave, Detroit, MI 48207  
(313) 331-7760

### [Little Caesars Arena - Red Wings, Pistons, Concerts, Entertainment & Events](#)

2645 Woodward Ave, Detroit, MI 48201  
(313)471-7000

### [Ford Field - Detroit Lions](#)

2000 Brush St, Detroit, MI 48226  
(877) 212-8898

### [Comerica Park - Detroit Tigers](#)

2100 Woodward Ave, Detroit, MI 48201  
(313) 962-4000

### [MGM Grand Detroit Casino](#)

1777 3<sup>rd</sup> Ave, Detroit, MI 48226  
(877)888-2121

### [Greektown Casino](#)

555 E. Lafayette Ave, Detroit, MI 48226  
(313)223-2999

## **Monroe, MI** (click for map)

### [Phoenix Theatres at Mall of Monroe](#)

2121 N Monroe St, Monroe, MI 48162  
(734) 457-3456

### [Old Town Golf and Sportland](#)

6724 North Monroe Street, Monroe, MI 48162  
(734) 242-4476

### [Carrington Golf Club & River's Edge Restaurant](#)

911 St. James Park Ave  
734-241-0707 (membership NOT req'd)

### [Monroe Golf & Country Club](#)

611 Cole Rd, Monroe, MI 48162  
734-241-5190 (membership NOT req'd)  
Fine Dining Year-round

### [Sterling State Park](#)

2800 State Park Rd, Monroe, MI 48162  
(734) 289-2715

### [River Raisin Battlefield Park / Heritage Trail](#)

1402 East Elm Ave. Monroe MI 48162  
(734) 243-7136

### [Monroe County Michigan Historical Museum](#)

126 S Monroe St, Monroe, MI 48161  
(734) 240-7780

### [Downtown Monroe Nightlife](#)

129 Lounge & Martini Bar, Senior Cactus, Beek's,  
Glenn's Irish Pub – located in Downtown Monroe on E.  
Front Street

## **Toledo, OH** (click for map)

### [Franklin Park Mall](#)

5001 Monroe St, Toledo, OH  
(419) 473-3317

### [Hollywood Casino & The Final Cut Steakhouse](#)

(non-smoking, no hotel)  
1968 Miami St, Toledo, OH  
(734) 457-3456

# Health Care and Other Services

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## **Off-Site Emergency Dial 911**

## **On-Site '250' or (734) 586-1250**

### [ProMedica Monroe Hospital](#)

718 North Macomb Street, Monroe, MI 48162  
734-240-8400

### [Walgreens 24 hr. Pharmacy](#)

1285 N Monroe St, Monroe, MI 48162  
(734) 457-2336

### [Monroe Urgent Care](#)

337 Stewart Rd, Monroe, MI 48162  
734-243-3200

### [Monroe County Sheriff Department](#)

100 E. Second St, Downtown Monroe, MI 48161  
734-240-7400

### [Splash Laundry & Cleaners](#)

1271 N. Monroe St  
734-243-6116

### [Lowes, Kohls, Walmart, AT&T, Dunhams](#)

Variety of stores located on N. Telegraph Rd, north  
of Mall Road