



# Driving Tour -- 5.7 Miles (See Map)

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**1.** After leaving the museum, take some time to look at the towboat Charley Border that is permanently docked next to our Maritime Education Center. As you exit the parking lot to begin your Port Tour, turn right on Main Parkway, then left on Bird Creek Avenue. Continue straight on Bird Creek Avenue and follow the blue directional signs marked "Port Tour."

**2.** You will notice a lot of pipe and tubing at TMK IPSCO on the left. This material is usually manufactured in the eastern states and is transported here by barge for final processing such as heat treating, threading and testing. From here, it will travel west by truck or rail to the oil and gas fields.

**3.** As you drive north on Bird Creek, you will notice the Hughes Lumber distribution center on the right. Hughes supplies lumber and building materials to nine retail outlets in Oklahoma and Kansas from this facility.

**4.** On the left is Miles Shipping Corp. They are in the business of customs clearing and processing, warehousing, and the storage of shipping containers. Shipping containers are large boxes that can be connected to wheels and chassis to form trailers for semi-trailer trucks. Without the wheels, they can be stacked and transported around the world on railroad cars, barges or steamships.

**5.** Straight ahead is Exopack Consumer Food & Specialty Packaging, where durable plastic bags are made.

Turn right on Verdigris Parkway, you will see part of the Port's 15 miles of railroad tracks. Rail cars are brought to the Port's property line by the BNSF and SKOL railroads, where they are picked up and moved by Port-owned switch engines.

**6.** Continuing on, the road turns onto East Channel Road. You will see the navigation channel on your right. There may be jumbo hopper barges unloading dry fertilizer across the channel (in front of the domes) or tanker barges on this side loading or unloading liquids. The structures barges tie to are called dolphins. On your left on East Channel Road are storage tanks belonging to Brenntag Southwest, Inc.; BKEP Materials, LLC; and Safety-Kleen Systems, Inc. As you continue along this route there are more storage tanks on your right belonging to Westway and NuStar Energy, LP. These tanks are used to store asphalt, molasses and chemicals. Some of this material is so thick it has to be maintained at a minimum temperature of 95 degrees Fahrenheit in order to flow. Following the blue directional signs, you will double back and take a left hand turn on West Channel Road.

**7.** The six tan domes you see on the right are used to store dry bulk materials such as fertilizer. They are made of concrete and can hold 5,000 tons each. The wooden building can store an additional 50,000 tons.

As you drive south on West Channel Road, look to your left, across the channel and beyond the trees and you will see Terra, a giant producer of liquid fertilizer. Some of this

material is shipped on refrigerated barges at 28 degrees below zero Fahrenheit. The billowing clouds are harmless water vapor.

**8.** Also on the east bank of the channel is a grain terminal owned by Gavilon Grain. Gavilon is one of the largest grain companies in the U.S. They can handle a combined total of 1.5 million bushels of wheat, fertilizer and/or soybeans from the facility with the white dome.

**9.** The large concrete warehouse on the left, marked FOREIGN TRADE ZONE 53, is the Port's transit building used for short-term storage of cargo that must be kept out of the weather.

Next to the transit building is the main cargo wharf and a gigantic red and blue bridge crane, used for loading and unloading cargo such as steel and fabricated equipment to and from barges. It can lift 200 tons at a time.

**10.** Straight ahead is the Port's grain handling facility, operated by Gavilon Grain. They can store over four million bushels of grain in the silos and building. Hard red winter wheat arrives here from Oklahoma, Kansas and parts of Texas by truck and rail and is shipped by barge to New Orleans. From there it travels to ports all over the world on ocean-going vessels.

**11.** After turning west, you will notice GEA Rainey and Harsco Industrial Air-X-Changers companies on your right. They manufacture giant heat exchangers for refineries.

After you turn left on Arkansas Road you will see a small gray and red building on Caney Road. This is the grain probing station where truckloads of wheat are graded before unloading.

Two right turns will put you on Bird Creek Ave., heading north. Turn left on Keystone.

**12.** There may be some giant processing equipment being constructed by Linde Process Plants outside on the right or left. Linde's equipment is shipped all over the world.

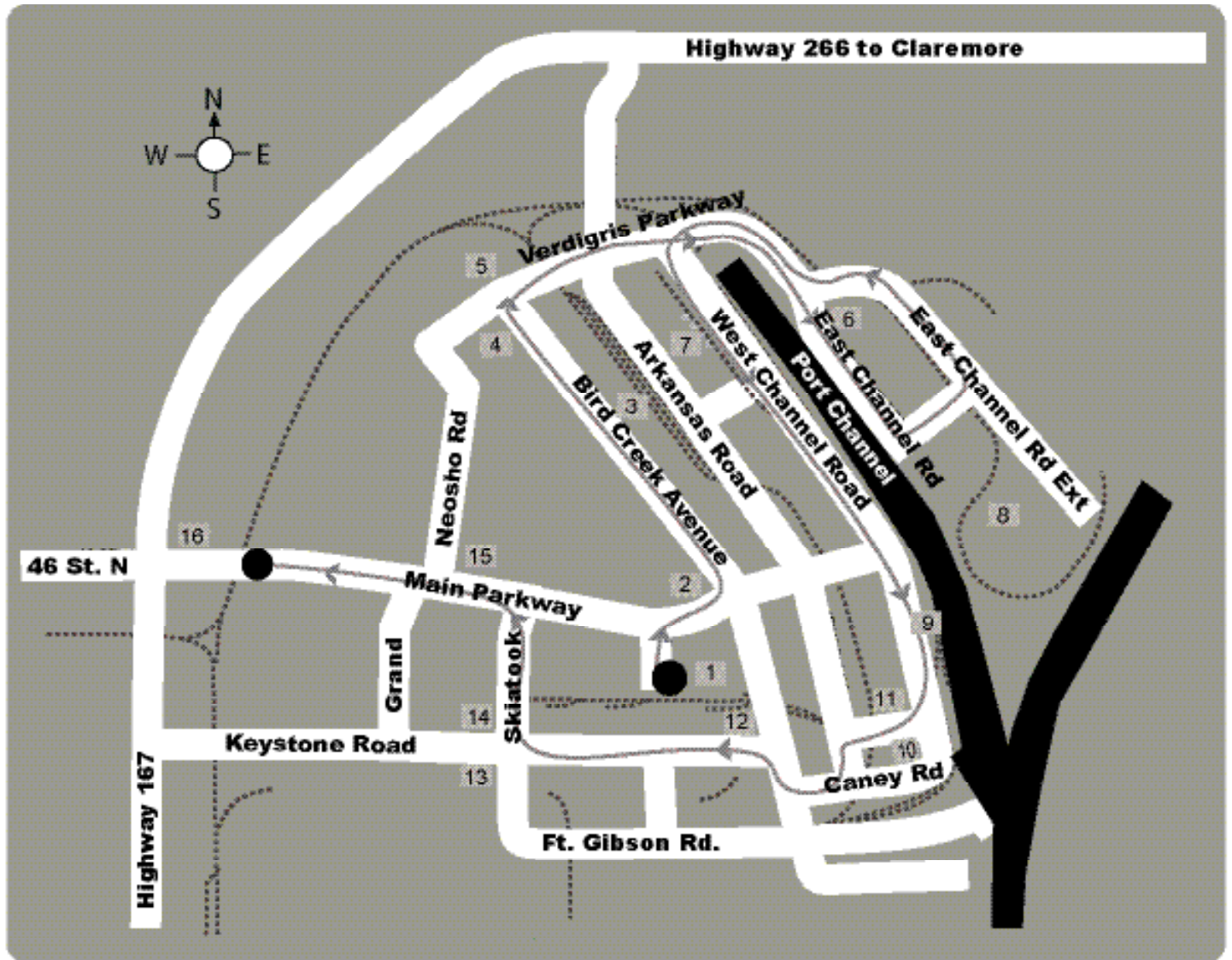
**13, 14.** These two companies, Advance Research Chemicals, Inc., and Air Products and Chemicals are all leading producers of chemicals used in industry.

**15.** As you approach Main Parkway, straight ahead you will see Matrix Service Inc. Matrix manufactures the huge above-ground storage tanks used to hold petroleum products.

**16.** Turn left on Main Parkway and you will be heading toward the Port's main gate. Before you reach the main gate you will pass Umicore's plant on the right. They are the world's leading manufacturer of catalysts for the automobiles and trucks.

This concludes your tour of the Tulsa Port of Catoosa – Tulsa's gateway to the world. We hope you've had an enjoyable and memorable time and that you'll tell your friends about us.

# Tulsa Port of Catoosa



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|---|---|
| 1 Port Office<br>Arkansas River Historical Society Museum | 9 General Dry Cargo Terminal                          |
| 2 TMK IPSCO   | 10 Gavilon Grain Terminal                             |
| 3 Hughes Lumber   | 11 GEA Rainey and<br>Harsco Industrial Air-X-Changers |
| 4 Miles Shipping Corp. (FTZ #53)                          | 12 Linde Process Plants                               |
| 5 Exopack Consumer Food &<br>Specialty Packaging          | 13 Advance Research Chemicals                         |
| 6 Liquid Bulk Terminals                                   | 14 Air Products and Chemicals                         |
| 7 Dry Bulk Fertilizer Terminal                            | 15 Matrix Service, Inc.                               |
| 8 Gavilon Grain   | 16 Umicore  |