3C: Major Freight Users and Major Traffic Generators Inventory

Purpose

The purpose of this deliverable is to update the existing Major Freight Users (MFU) and Major Traffic Generators (MTG) Inventories . The information will be used to update the statewide freight plan and to identify intermodal connectors that need improvement, calibrate traffic models, and identify local partners for studies. This will help promote the safe and efficient movement of goods and services throughout the state.

The MFU and MTG lists are subjective and can be interpreted differently by the committee for each county/region. Work with your transportation committee to determine the appropriate criteria for considering a MFU and MTG in your region. Each county within the region may want to decide what the MFU and MFG facilities are in their area based on number of trips into and out of a location per day or significant truck traffic. A planner should use good judgment and consultation with the committee and local officials in determining the area's MFUs and MTGs.

There is a lot of great information here:

https://transportation.ky.gov/Planning/Pages/default.aspx

Tasks

1) A GIS shapefile will be provided. The ADD planner will review provided GIS shapefile for accuracy. KYTC has created a webpage to host the GIS shapefile at the following website link: https://transportation.ky.gov/MultimodalFreight/Pages/ADD-Shapefile.aspx The MFU includes the following facilities:

   a) Major Freight facilities that may have one hundred (100) or more trucks per day during peak seasons. These facilities include: manufacturers (greater than one hundred (100) employees), cargo airports, grain elevators, quarries, steel/aluminum mills, etc.

   b) Other locations having one hundred thousand (100,000) square feet or more under roof, such as distribution centers or cross-dock facilities indicating major freight activity.

   c) Freight facilities not captured in 1a or 1b above that are freight generators and have five (5) or more truck bays. Keep in mind we are looking for freight facilities. So even if a home improvement store has more than 100,000 square feet and 5 truck bay doors, this is not a freight generator. Even if a call center or office building has more than 100,000 square feet, it is not generating freight and would not be surveyed.

   The MTG includes the following facilities:

   d) Major Traffic Generators are locations that create one hundred (100) trips per day: schools,

      hospitals, shopping malls, baseball fields, arenas, factories, office parks, truck stops,

      industrial parks, etc.

   f) In some instances MFUs are MTGs, some are not.

2) In order to centralize all of the information for Work Item 3C, KYTC has created a webpage to host the information at the following website link:
https://transportation.ky.gov/MultimodalFreight/Pages/ADD-Shapefile.aspx

Kentucky Transportation Cabinet

HOME   NEWS/MEDIA ▽   MAPS/RESOURCES ▽   BUSINESS SERVICES ▽   CITIZEN SERVICES ▽

Major Freight Generators

2019 Major Freight Generators Shapefile

📁 ADD_Freight_Gens_2019.zip

Major Freight Generators Guidelines

2020-10-15 Major Freight Users

Attribute Table Metadata

- **NAME**: Name of Freight Generator Facility
- **STREET**: Street address of facility
- **CITY**: City in which facility is located
- **STATE**: State in which facility is located
- **ZIP**: Zip code of corresponding street address
- **COUNTY**: County in which facility is located
- **ADD**: Corresponding Area Development District in which facility is located
- **NAICS_CODE**: North American Industry Classification System code number assigned to facility
- **BLDG_SQ_FT**: Square footage of physical facility
- **EMPLYMT**: Total number of employees at facility
- **TRUCK_BAYS**: Total number of truck bays at facility
- **AVGTRKSDAY**: Average number of freight trucks that visit facility per day
- **RAIL_DOORS**: Total number of rail doors at facility
- **FEET_RAIL**: Total number of feet of railroad centerline on facility's property
- **AVGTRNSWK**: Average number of trains that visit facility per week
- **CHF_ID_PR**: prior CHAF ID
- **CHF_ID_COM**: completed CHAF ID
- **CHF_ID_EX**: existing CHAF ID
- **IC_NEEDS**: Field to input issues regarding intermodal connectors with facility's access to the NHS
- **UPDATED**: Date last updated
- **COMMENTS**: Field to input any comments, concerns, or issues

On this webpage is the downloadable shapefile for the work item, the information PowerPoint presentation, and the Table Metadata on the fields that KYTC is asking each ADD to collect. <u>The shapefile on the webpage is what each ADD must submit to KYTC in order to complete Work Item 3C.</u> In order to combine the submissions from all 15 ADDs efficiently, KYTC does not accept custom shapefiles.

For yearly updates, the ADD planner shall submit revised GIS shapefile of Major Freight Users and any necessary changes or a statement of "I have reviewed and there have been no changes since my last submission," to the Cabinet by the last workday of **<mark>March</mark>**. For major update years, the revised GIS shapefile is required to be submitted.

The Economic Development Cabinet (ED) provided the original dataset for the shapefile. KYTC staff tried to remove all of the facilities that are not applicable (office buildings, call centers, etc.). If the facility is included in the survey, it means there are indications from aerial photography or street view photos it could meet the criteria. It is possible that the facility does not meet the criteria, so a site visit could help make that determination.

If a facility does not meet the criteria, <u>PLEASE DO NOT DELETE IT</u>. Just note in the COMMENTS field that it does not meet the criteria. If a facility on the dataset has closed, <u>PLEASE DO NOT DELETE IT</u>. Just note in the COMMENTS field that it has closed. If a facility has been demolished, once again <u>PLEASE DO NOT DELETE IT</u>. Just note in the COMMENTS field that it has been demolished. If there are several entries that need to be combined as they are part of one freight complex, note which ones need to be combined in the COMMENTS field and KYTC will combine.

In addition, the ADDs should look for Freight generators that have been left out of the dataset. There were a number of large freight facilities that were left off the original dataset provided by ED (NEW FEATURE in COMMENTS). During the verification process, KYTC tried to capture those facilities. If you find a facility that KYTC has left off, please add that to the dataset and note in the COMMENTS field that it was added.

KYTC tried to verify the location of each facility. Some features were not located on the map, and in many instances there were point features that needed to be moved to the top of the facility and not on the street (the ADD will see LOCATED/MOVED FEATURE in the COMMENTS field). If the ADD finds a facility with an incorrectly located point feature, please relocate to the correct location and note in the COMMENTS that it was moved.

Each ADD should also review the existing information for each facility and fill in the missing information as much as possible. Please note any changes made by the ADD to any of the fields in the COMMENTS field. If a facility will not provide the necessary data, fill in what can be provided and note the situation in the COMMENTS field.

A word about large warehouses with multiple tenants; during the data verification process KYTC encountered a number of freight facilities that, for example, were 100,000 square feet and had 10 truck bay doors. However, upon closer inspection they appeared to be divided up into 5 smaller 20,000 square foot facilities with 2 truck bay doors each. In theory, this would eliminate this facility and all 5 tenants from being surveyed. KYTC is concerned that this could potentially eliminate a large number of trucks moving to and from this facility. In these instances, KYTC asks that the ADD survey the facility and tenants as a single entity:

- Create a NAME for the building (1000-1500 East Main Street Warehouse, etc.)

- Enter the range of addresses at the building in STREET (1000-1500 East Main St or 1000 East Main Street Suites A-F)
- Enter all the NAICS codes applicable to the entire building
- Enter the total BLDG_SQ_FT of the entire building
- Enter the total EMPLYMT of the entire building
- Enter the total number of TRUCK_BAYS of the entire building
- For the AVGTRKSDAY field, sum up of the total trucks per day of the entire building
- Follow this combined format for all of the other fields
- In COMMENTS enter how many businesses make up this single entity.

One final note, one of the most critical fields for KYTC to compile all of your submissions is the KBIF_ID field. Please do not make any changes to this field because it is assigned by ED.

3) The Regional Transportation Committee shall annually review maps of the MFUs and MTGs for accuracy. Encourage committee members to inform ADD staff of changes that have taken place within their community such as the closing of a factory, the construction of a new regional mall, or new or closed schools. .

4) The ADD planner will provide updated information about changes to MFUs and MTGs to appropriate agencies, including but not limited to local government units and the Cabinet. This will allow them to update their databases to include new, modified, or closed MFUs and MTGs. Information should include notes of new or closed businesses, and newly created or discontinued large events, etc.

5) For yearly updates, the ADD will review provided GIS shapefile for accuracy and changes. During the review process, if it is found that information is no longer accurate, the ADD planner will add language in the comment field describing the changes (e.g., new, expanded, closed). The planner will then edit/update the GIS shapefile to include all information available for each facility. The ADD planner will verify that the GIS shapefile is properly placing the business. The ADD will submit an updated GIS shapefile of current MFUs and any necessary changes or a statement of "I have reviewed and there have been no changes since my last submission," to the Cabinet by the last workday of **March**. For major update years, the revised GIS shapefile is required to be submitted. The ADD will submit an updated GIS shapefile of current MTGs and any necessary changes or a statement of "I have reviewed and there have been no changes since my last submission," to the Cabinet by the last workday of **September**. For major update years, the revised GIS shapefile is required to be submitted.

Please refer to the ADD Work Program – 5 Year Schedule located in this document for the Major Update year.

Naming of Submittal (Compressed Folder of Shapefile Data)

Major Freight Users

XXADD FYXX 3C Major Freight Users

Ex: BGADD FY25 3C Major Freight Users

Major Traffic Generators

XXADD FYXX 3C Major Traffic Generators

Ex: BGADD FY25 3C Major Traffic Generators