



Major Freight Users and Major Traffic Generators Inventory

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Hello,

I was asked to update you on the Major Freight Users and Major Traffic Generators Inventory components of the work program.

3C: Major Traffic Generators Inventory

ADDs will verify and collect information to complete the dataset.

- (C) Locations that create one hundred (100) trips per day: schools, hospitals, shopping malls, baseball fields, arenas, factories, office parks, truck stops, industrial parks, etc.
- In consultation with Scott Thomson, KYTC already has this data. ADD collection would be duplicative.
- Major Traffic Generators Inventory data collection is removed. Working to remove MTG from dataset.



From the work program, in the past you were asked to identify the locations that create one hundred (100) trips per day: schools, hospitals, shopping malls, baseball fields, arenas, factories, office parks, truck stops, industrial parks, etc. In consultation with Scott Thomson, KYTC already has this data in its statewide model. So having you collect this information would be duplicative. So this aspect of the work program is removed. We are in the process of removing the Major Traffic Generators from the dataset.

3C: Major Freight Users Inventory

ADDs will verify and collect information to complete the dataset for the following facilities:

- (A) Major Freight facilities are those that may have one hundred (100) 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.



In consultation with Maridely we have expanded the Major Freight Users inventory data collection. Scott has indicated that what the statewide model is lacking is information on truck movements through out the state. So as outlined in the work program, the ADDs will inventory facilities that may have one hundred (100) 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. Also 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.

3C: Major Freight Users Inventory

ADDs will verify and collect information to complete the dataset for the following facilities:

- **(NEW) Locations that have 5 or more truck bays indicating high amounts of truck traffic.**



And the newly added criteria, locations that have 5 or more truck bays indicating high amounts of truck traffic. Hopefully this threshold will prevent you from having to inventory all of the grocery stores, hardware stores, big box retailers, etc. but still capture those freight facilities not identified under A & B.

3C: Major Freight Users Inventory

- For each of the previous locations types, the following information should be provided and updated, as available:
 - a) Business name;
 - b) Business address;
 - c) Number of employees;
 - d) ~~Contact information;~~
 - e) Number of truck bays;
 - f) Estimated number of trucks per day;
 - g) Length of rail siding (feet);
 - h) Average number of rail cars/week;
 - i) NAICS codes describing the type of business conducted (from Economic Development database); and
 - j) Intermodal connector needs.
 - k) ~~Subdivisions names; and~~
 - l) ~~Number of residences.~~



The ADDs will verify the provided dataset and fill in the missing information or add facilities if necessary. As stated in the work program, you should gather the business name, business address, number of employees if possible, number of truck bays, estimated number of trucks per day if possible, length of rail siding in feet, average number of rail cars per week if possible, NAICS code, and intermodal connector needs. The contact information does not need to be collected as it is constantly changing. The address is sufficient for our purposes. Also, since the Traffic Generators were removed you do not have to collect the subdivisions name and number of residences.

3C: Major Freight Users Inventory

- Removing/Adding facilities
 - Removal-To remove a facility, just note in the comments field it needs to be removed.
 - Adding-Add the facility to the dataset, note in the comments field it is an addition.
- Verify facility location



We have also included a comments field. Enter any pertinent information in this field such as new facility or facility has closed. If facilities identified in the dataset have closed, please make a note to this effect in the comments column. **DO NOT REMOVE IT YOURSELF.** We will take care of the removal. If major manufacturers or distribution centers in your region are missing from the dataset, add them to the dataset and in the comments section indicate that it is an addition.

Also, verify that the dot on the map is in the correct location. If you move the location of the dot, please note that the change was made in the comments field. Place the dot over the facility, not on the road in front of or near the facility. If it is a large sprawling complex of buildings, try to place the dot in the approximate center.

3C: Major Freight Users Inventory

- For each of the previous locations types, the following information should be provided and updated, as available:
 - Facility Square Footage
 - Update Date
 - CHAF ID Prior
 - CHAF ID Completed
 - CHAF ID Existing



We will also have a facility Square Footage field. This can be measured from aerial photographs, measured via GIS, or during field work interviews. We have also added an update date field. If you edit any information for a facility, please enter the date of the change. This will help us track when changes to a facility are made. It will also allow you to see the last time the information was changed. At the request of Randall and Eunice, we have added a CHAF ID Prior, CHAF ID Completed, and CHAF ID Existing. This is not for us but for you. This allows you to track the CHAF information for a facility without having to maintain a separate database.

3C: Major Freight Users Inventory-Terms

- Number of Truck Bays-Dock Height platforms for loading or unloading.



So that everyone is on the same page regarding the data collection, let me clarify some terms. In this instance, number of truck bays. Truck bays are Dock Height platforms for loading or unloading. The doors that have the ramps up to them are NOT truck bays. In this image, the red arrows are the truck bays, and the black arrows are ramps and would not be counted.

3C: Major Freight Users Inventory-Terms

- Number of Rail Doors-Allow loading / unloading directly from rail car into facility.



Rail Doors are very similar to Truck Bays. They are at the height of the rail cars and allow for the direct loading or unloading of rail cars into a warehouse or facility. As this image shows, this facility has six rail doors.

3C: Major Freight Users Inventory-Terms

- Feet of Rail Siding-used for storage of railcars for unloading or loading.



Rail Siding as mentioned earlier is used for passing or storing cars. In this case, the facility has six rail doors but it also has a siding for storing cars that are waiting to be loaded or unloaded or are waiting to be picked up by the railroad. To obtain the feet of rail siding, we do not expect you to walk the track with a measuring wheel as it is dangerous to be on railroad tracks. Using the measure tool on an aerial photo or in GIS is perfectly acceptable. In measuring the feet of rail siding, you would measure the entire length of the track to its connection to the main line.

3C: Major Freight Users Inventory-Terms

- Feet of Rail Siding-used for storage of railcars for unloading or loading.



In this case the facility does not have rail doors but has a rail siding to allow them to load or unload items like lumber. In this case, you would indicate that there are zero rail doors, but list the feet of rail siding.

3C: Major Freight Users Inventory-Terms

- Feet of Rail Siding-used for storage of railcars for unloading or loading.



In this case, the rail car loading and unloading is done within the facility. This facility has doors at each end to allow the train and rail cars in and out. In this example, you would indicate that there are zero rail doors (since the two doors are not at rail car height) but measure the entire length of the track through the facility to its connection to the main line. Also indicate in the comments section of this facility that the loading and unloading is done within the facility.

3C: Major Freight Users Inventory-Terms

○ Intermodal Connectors



The final term I want to go over is Intermodal Connectors. An intermodal connector is the road (or series of roads) that connect an intermodal facility to the National Highway System. We are looking for problems freight may have moving from the facility to the National Highway System. In the above example, the Toledo, Ohio MPO created a map showing their major intermodal facilities and the possible road improvements needed on the connector to the NHS. For instance, from this Transflo Terminal, they have identified that there a tight turn at 11, steep grade approach at 12, two-way residential street as on-ramp at 13, turn lanes needed at 14, and difficult merge onto the freeway at 15. We do not expect something at this level, but in the Intermodal Connector column of the dataset, please indicate the problems freight would have moving from the facility to the NHS.

Questions?

- Hope to have the dataset to you in a few weeks after cleanup.
- April 30th deadline.

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As I said earlier, we are in the process of cleaning up the dataset to remove the Major Traffic Generators and to remove the mom and pop shops in the dataset from Economic Development. We hope to be able to provide it to you in a few weeks.

The work program states that this work element is due April 30th but you can send it in whenever you get it completed.

Are there any questions?