



Mega Data Plan of MPDG US 412 Project

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OKLAHOMA
Transportation

Data Collection Plan for Performance Measurement

The Oklahoma Department of Transportation (ODOT) is committed to collecting and analyzing performance indicators to identify the impacts of the US-412 Priority Improvements for Interstate Designation Program. The information below contains the performance indicator, method in which the data will be collected, the performance target that ODOT strives to achieve compared to the baseline condition, and the timeline for collecting and analyzing the data.

Reduce Crashes

This was the most significant benefit realized in the BCA. It is expected that upgrading at-grade intersections to interchanges, modifying a system to system interchange to modern design standards and reconstructing a portion of pavement on US-412 will reduce the number of serious and fatal injuries at these locations. Data is currently available to monitor performance.

- **Performance Indicator:** Reduction in total crashes and severe crashes.
- **Method for Collecting Data:** ODOT crash database.
- **Target:** Crash rates and crash severity (fatal and non-fatal) will be below the statewide average compared to similar facilities AND less than the crash rates previously experienced on US-412 prior to construction.
- **Data Collection Schedule:** Yearly, up to five years after significant construction tasks have been completed. Data can be broken out on a quarterly level upon request.

Support Multimodal (Freight) Movements

While supply chain benefits are prohibited from being quantified in the BCA, there is significant private investment being made at the Tulsa Ports of Catoosa, Inola and Port 33. There are also significant investments happening at the MidAmerica Industrial Park. These investments equate to substantial economic benefits for the region. All these sites are supported by US-412. ODOT commits to monitoring economic development and freight movement on US-412 surrounding these sites. ODOT would be interested in discussing other performance measures related to monitoring economic/supply chain activity upon receiving an award.

- **Performance Indicators:** Monitor freight movement and investments on and surrounding US-412.
- **Method for Collecting Data:** Continuous traffic counts on the roadway to quantify number of freight vehicles traveling on the corridor. Work with port facilities to monitor freight tonnage flowing through ports.
- **Target:** ODOT expects to see an increase in total freight trucking movement and tonnage moving through nearby ports on a year-over-year basis from the baseline condition.
- **Data Collection Schedule:** Yearly, up to five years after significant construction tasks have been completed. Data can be broken out on a quarterly level upon request.

ODOT will submit a report to the U.S. DOT providing baseline data of the performance indicators listed above prior to the start of construction. ODOT is also willing to work with the U.S. DOT to modify or update specific performance indicators prior to construction.