



Date: December 03, 2024
Current Meeting: December 12, 2024
Board Meeting: December 19, 2024

BOARD MEMORANDUM

TO: Indianapolis Public Transportation Corporation (IPTC) Board of Directors
THROUGH: President and CEO Jennifer Pyrz
FROM: Director of Capital Projects Matt Duffy
SUBJECT: Consideration and approval of a new Task Order with Kimley Horn & Associates (Kimley Horn) for Transit Signal Priority (TSP) System Implementation Project along the local route 37

ACTION ITEM A – 16

RECOMMENDATION:

It is recommended that the Board of Directors authorize the IPTC President and CEO to execute a new Task Order with Kimley Horn under Request for Proposal (RFP) 23-01-465 that includes TSP system implementation for an amount not to exceed \$642,400.

BACKGROUND:

The Board of Directors approved the award of a TSP contract under RFP 23-01-465 to Kimley Horn in August 2023. This is a task-order based contract with specific scope and fee for each new task order negotiated individually. To date, there have been four task orders with fees totaling \$1,274,940 issued to implement TSP on the Purple Line and to retrofit the highest delay intersections along the Red Line.

A Local Route TSP Prioritization study was finalized in 2024 to guide local route implementations across the IndyGo system over time. Metrics were gathered and analyzed for each local route including reliability, speed, ridership, frequency, and equity in order to establish a ranking and priority for each route. The Route 37 received the highest score to be the first to implement TSP. At this time, the Route 10 is the only other local route funded for TSP implementation in the Capital Plan. The Route 10 implementation is planned in 2027 with an Indianapolis Metropolitan Planning Organization (MPO) Grant. IPTC was unsuccessful with a Federal Grant pursuit to implement TSP over a five-year period but will be monitoring future funding opportunities to implement TSP along the top 10 local routes.

DISCUSSION:

The Project includes the implementation of the Kimley Horn system at up to 43 signalized intersections along the Route 37, which primarily runs along Lafayette Road to the northwest side of the city. A map of the route along with other priority routes can be seen in the attached figure. The scope of work includes signal timing updates, priority parameters, installation of cellular equipment at each traffic signal, and testing and verification of the system along the route.

ALTERNATIVES:

The Board could choose not to approve this Task Order and not move forward with the implementation.

FISCAL IMPACT:

Funding for the Project is provided from the Indianapolis Metropolitan Planning Organization and IndyGo local Capital funds as documented in the Capital Plan.

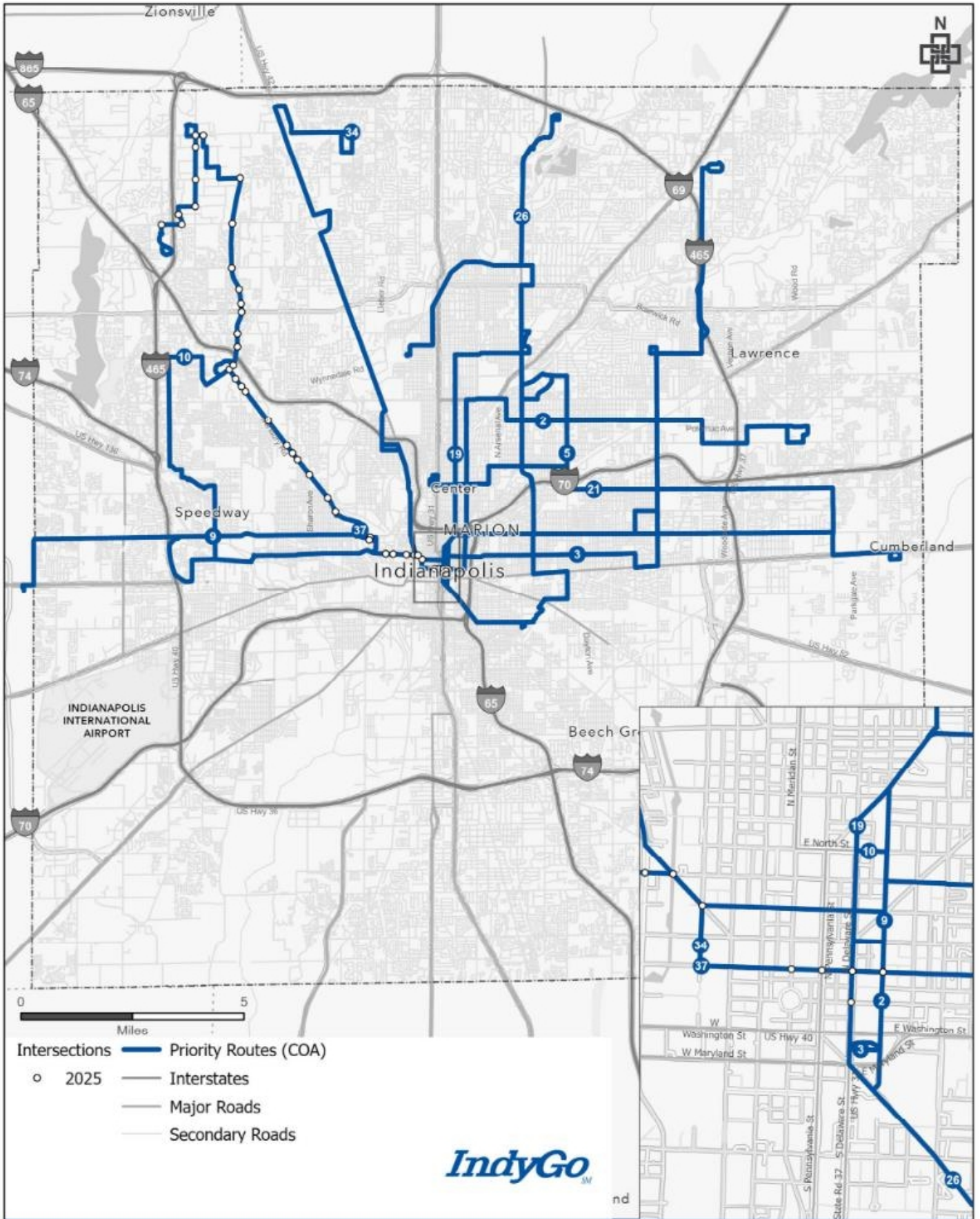
DBE/XBE DECLARATION:

This task order includes DBE participation totaling 6% from:

- LSM Analytics

STANDING COMMITTEE DISCUSSION/RECOMMENDATION:

This action will be reviewed by the Service and Finance Committee on December 12, 2024.



Priority Intersections Implementation Year 2025