



MEMORANDUM

TO: Bill Swiatek, WILMAPCO

FROM: Sonia Marichic-Goudy, PE
Century Engineering, a Kleinfelder Company

DATE : January 30, 2023

SUBJECT: Southbridge Transportation Action Plan (STAP) Quick Action Items

CC: Drew Boyce, Century
Bill Carver, Century

Century Engineer, A Kleinfelder Company is taking part in preparing the Southbridge Transportation Action Plan (STAP). The plan is a continuation of the Southbridge Neighborhood Action Plan (SNAP) and takes a more detailed review of the recommendations that pertain to transportation. In addition, Century gathered information from the community of Southbridge to provide additional clarity to the needs and wants of the community. While completing our analysis for the STAP several recommendations fit the criteria for low cost, short-term recommendations, meaning there is little to stop them from being implemented today. Our goal for this memo is to identify Quick Action implementation recommendations that could potentially be implemented within the next few months while our overall Transportation Plan is under development. These improvement recommendations are consistent with the Southbridge Neighborhood Action Plan SNAP and are focused on the Southbridge Core Study Area.

Quick Action Item recommendations focus on the installation of signing and marking and related law enforcement as a first step to accomplish the Southbridge Transportation Action Plan's objectives.

Signing and Marking Recommendations:

- Install and enforce "No Truck Parking" signs along:
 - Bradford Street
 - Garasches Lane
 - D Street
 - S. Claymont Avenue
 - Townsend Street
 - A Street from Walnut Street to Christina Avenue

- Way finding and truck routing signing:
 - Install truck wayfinding signs outside study area directing trucks to 95 or 495
 - Install truck route wayfinding signs on northbound New Castle Avenue, south of Terminal Avenue, directing trucks to Terminal Avenue toward Christina Ave, Rte. 9 northbound



- Install “All Trucks Must Turn Right/Use Rte. 9” sign on northbound New Castle Avenue prior to Terminal Avenue
- Speed Limit signing and regulatory signs:
 - Install 25 mph speed limit signs on E 4th Street southbound, south of Christina Avenue
 - Install additional speed limit signs on New Castle Avenue; Speed limit is 25-mph
 - Install additional speed limit signs on S. Heald Street; Speed limit is 25-mph
 - Install “Do Not Enter” sign on northbound New Castle Avenue at Pearl Street
 - Install “One-way” left arrow sign” on Pearl Street midblock across from Willow Street
 - Install “No Right Turn” sign on Pearl Street midblock at Willow Street
- Signing and marking to deter speeding along S. Claymont Street:
 - Restripe pedestrian crosswalks and stop bars at C Street, B Street, A Street and Lobdel Street
 - Install School Zone 20 MPH speed zone signing between A Street and Lobdel Street
 - Install larger stop signs for northbound traffic along S. Claymont Street along with painting STOP on the pavement prior to the stop bars
 - Install new stop signs for northbound traffic on S. Claymont Street at C Street
- Signing and marking to deter speeding along Bradford Street near Hicks Park:
 - Restripe stop bars at B Street and A Street at Bradford Streets
 - Advanced warning Stop Ahead signing at B Street and A Street at Bradford Streets
 - Recommend installing larger stop signs at B Street and Bradford Street
 - Install 25 mph speed limit signs on Bradford Street between B Street and A Street
 - Install Watch for Children signing on Bradford Street between B Street and A Street
 - Tree trimming to improve pedestrian and intersection lighting on corner of Bradford Street and B Street
- Signing for pedestrian and children driver awareness:
 - Install “Watch For Pedestrians and Children” and 25 mph speed limit signs on D Street, C Street, S. Buttonwood Street, and Townsend Street approaching Elbert Playground
 - Install “Watch For Pedestrians and Children” and 25 mph speed limit signs on northbound New Castle Avenue south of Eden Park
 - Install “School Zone” signs on roads surrounding Neighborhood House and the new playground
 - Install parking signage and “Children At Play” signs as well as 25 mph speed limit signs along and approaching Bradford Street to encourage vehicles to slow down and adhere to stop signs near Hicks Park
 - Christina Avenue and E. 4th Street - Install “Watch for Pedestrians” crossing signs at all pedestrian crossings in the intersection
 - New Castle Avenue and Terminal Avenue- install “Watch for Pedestrians” crossing signs at all pedestrian crossings in the intersection



- Signal Timing Revisions
 - Issues are prevalent on numerous stretches of roadways in and around Southbridge that have signalized corridors such as Heald Street and New Castle Avenue. Signal timing should be review and revised such that, if traffic is moving more than 5 mph faster than the speed limit the vehicles encounter red lights versus if traffic is moving at the speed limit, then the vehicles encounter a long series of timed green lights. This may help reduce traffic circulating at a higher rate of speed trying to “beat the lights” and offer traffic calming.

The intention of this memo is to assist the City and others in decision making that can begin promptly with these recommendations as the remainder of the STAP is finalized. These recommendations will be included in the STAP as well as medium- and longer-term recommendations.

Thank you,

A handwritten signature in black ink, appearing to read "Sonia Marichic-Goudy".

Sonia Marichic-Goudy PE
Century Engineering LLC, a Kleinfelder Company