

SCOPE OF WORK

Genesee Transportation Council (GTC)
Unified Planning Work Program (UPWP) for Fiscal Year 2020-2021

Project: Beh Industrial Park – Traffic Optimization Study (UPWP 7705)

A. OBJECTIVE

To study and evaluate existing and future traffic loads, traffic and safety concerns, and analysis of future roadway extensions for safety, efficiency, and reliability within the Study Area and immediate vicinity, especially during peak hours of operation and traffic volumes.

The Town of Ontario is interested in facilitating the expansion of the existing Beh Industrial Park, to lands west of Dean Parkway and David Parkway. The Town of Ontario in partnership with the Wayne County Industrial Development Agency (IDA) and adjoining property owners desire to expand the industrial park footprint to include additional industrial-zoned parcels. The preparation of the Traffic Optimization Study will assist the Town in identifying future development opportunities as well as identifying potential development constraints and safety concerns. This Study will also be incorporated into a future Generic Environmental Impact Statement (GEIS) for the industrial park expansion.

The Study will be prepared for the entire Industrial Park, which will incorporate existing development within the area and all developable land to the west of Dean Parkway to County Line Road. The Study will be prepared for completeness and accuracy in accordance with NYSDOT Region 4's "Traffic Impact Study Checklist." The Study will analyze the impact of future road access issues and potential impacts to adjacent intersections and roadways from traffic generated by existing and future development of the Industrial Park and associated corridor. Development will be projected based on current zoning requirements along with input from the Town and Wayne County Industrial Development Agency (IDA). The Study will evaluate potential roadway mitigation work that may be required as a result of the extension of roadways and the future build-out of all remaining undeveloped parcels.

B. BACKGROUND

The Town of Ontario has experienced rapid growth in the Dean Parkway / Timothy Lane industrial corridor which is located on the west side of Town and bounded by NYS Route 104 to the south and the Ontario-Webster town line to the west. Interest for new development continues to be strong however the number of available ready to build parcels is now limited due to this robust growth.

As this trend continues, the safety and capacity of Dean and David Parkway will be challenged to accommodate all users. With only one means of ingress/egress, congestion during peak travel times have increasingly caused backups along SR 104 and along Dean Parkway; posing serious accessibility issues for emergency response vehicles to the site. The current transportation network is at capacity, that without additional and alternate access, has the potential to discourage potential companies to locate in the park and will continue to pose safety concerns for the existing businesses.

The Study will take into consideration the recommendations/goals and objectives outlined in the Business and Economic Development Chapter of the Town of Ontario's 2006 Comprehensive Plan, including the goals and objectives outlined in the Commerce Center Master Plan, prepared in October 2007.

As part of comprehensive site evaluation beyond this traffic study, the Town is seeking shovel ready designation under the Build Now-NY Shovel Ready Program Initiative, which is coordinated under the Empire State Development Corporation and the Governor's Office of Regulatory Reform.

C. TASKS

In general, the following tasks will be included as part of the Traffic Optimization Study:

- Formation of project steering committee comprised of vested stake holders, including, but not limited to representatives from the Town, property owners, GTC, NYSDOT, and Ontario Midland Railroad.
- Define roads and intersections to be studied, which would include the following intersections within a 1 mile radius:
 - NYS-104/Basket Road
 - NYS-104/County Line Road
 - NYS-104/Dean Parkway
 - NYS-104/Lincoln Road
 - NYS-104/Lakeside Road
 - Dean Parkway/Timothy Lane
- Data collection – including field and aerial review of existing transportation system including traffic management and control fixtures, manual turning counts, and site reconnaissance activities adjacent to project site and at the study intersections.
- Review of existing plans or available studies for the immediate study area including those received for recent development in the vicinity of this industrial park
- Analysis, including but not limited to:
 - Existing peak hour volume
 - Intersection capacity analyses for existing AM and PM peak hour conditions to determine existing baseline operating and queuing conditions at the intersection

- Estimated future background volumes on the study roadways at time of full development
 - Review intensity of use for future land uses on the project site
 - Future site traffic generation for full development of the proposed project area using national standards (e.g. Institute of Transportation Engineers (ITE) Trip Generation Manual) and any available local data
 - Trip distribution and traffic assignments for full development of the proposed project
 - AM and PM intersection capacity analyses to determine the operation, Levels of Service, and queuing conditions for full development traffic conditions at the study area intersections
 - Analysis and recommendations for mitigating measures for full development, if required (e.g., turn lanes, signal modifications)
- Miscellaneous requirements as detailed on the Traffic Impact Study checklist prepared by NYSDOT Region 4
 - Recommendations/alternatives
 - Provide a preferred alternative to optimize flow patterns to accommodate full build-out of the industrial park while maximizing traffic safety and access.
 - Implementation plan
 - Identify conceptual roadway alignment and traffic control mitigations (Site Access and Off-Site Improvements)
 - Identify necessary permits and approvals from State, County and Local Agencies (i.e. Department of Transportation)
 - Identify land acquisition requirements, if any
 - Incorporation into future Land Use Planning and Environmental Quality Review activities for the future expansion and build-out of the industrial park.
 - Obtain buy-in from surrounding property owners
 - Submit report to Town Board for adoption and approval

D. PRODUCTS

- Draft Traffic Study including summary of study procedures, results, and recommendations
- Final Traffic Study and Executive Summary for approval and adoption

E. PUBLIC PARTICIPATION PLAN

The Town, working with the consultant, will actively involve the public through a minimum of two (2) public informational meetings, meetings with the property owners, updates on the Town website and through social media outlets. If necessary, the Town can create a dedicated website for this specific project.

F. SCHEDULE

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| 1. Scope of Work approved | May 2020 |
| 2. Consultant selection completed | August 2020 |
| 3. Kick-off Meeting | September 2020 |
| 4. Data Analysis completed | October/November 2020 |
| 5. Needs Assessment | December 2020 |
| 6. Alternatives developed | January/February 2021 |
| 4. Draft Report completed | March/April 2021 |
| 5. Final Report completed | May 2021 |

G. PROJECT BUDGET

Sources of Funds		Uses of Funds	
	FY 2020-21		FY 2020-21
<u>Federal Funds</u>		<u>GTC</u>	
FHWA	\$52,500	Staff	\$0
FTA	0	Contractual	0
Subtotal	\$52,500	Subtotal	\$0
<u>Matching Funds</u>		<u>Other Agency</u>	
State (In-kind)	\$0	Staff	\$0
Local (In-kind)	5,000	Contractual	60,000
Local (Cash)	7,500	In-kind Exp.	5,000
Subtotal	\$12,500	Subtotal	\$65,000
<u>Total</u>	<u>\$65,000</u>	<u>Total</u>	<u>\$65,000</u>