

## ***One Way Street Conversion***

*City of Kalamazoo*

South Street: Rose Street to Pitcher Street (.391 miles) - Project 29

Lovell Street: Rose Street to Pitcher Street (.456 miles) - Project 208

North Edwards Street: South Street to North Street (.486 miles) - Project 4

The City of Kalamazoo and its central businesses have been concerned with transportation access, ease of navigation, and the transportation system's impact on retention and recruitment of businesses in the central business district. The current one-way system that was built in the 1960's is seen by many as an impediment to a vital business and pedestrian friendly area. The appropriate balance between capacity and ease of traveling to and through the area with the desire for less speed and wider curb lawn areas is being debated.

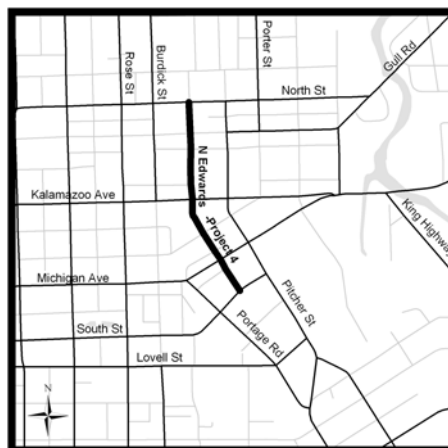
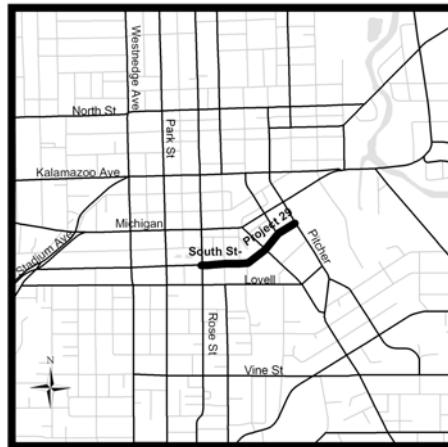
Several studies of the components of the one-way system have been completed over recent years. The most recent study looked at the entire one-way system, excepting the north/south one-way pair of Westnedge Avenue and Park Street. After reviewing the comprehensive transportation and economic impact study, the City of Kalamazoo, with the encouragement of the Downtown Kalamazoo Incorporated Business Association is investigating converting most of the one-way streets to two-way operations. Final designs have yet to be selected and agreement between the Michigan Department of Transportation and the City of Kalamazoo on the cross section and operations of M-43 needs to be arrived at.

A small section of wetland is located at the eastern edge of the Lovell Street project. Several schools and parks are in the area as well. Finding an appropriate balance between on-street parking and safe movement of traffic needed. The City of Kalamazoo will be working to minimize impacts to these areas during the conversion of the streets.

South Street: Rose Street to Pitcher Street - Urban Minor Arterial  
Cost Estimate: \$1,000,000 (2006 dollars)

Lovell Street: Rose Street to Pitcher Street - Urban Minor Arterial  
Cost Estimate: \$1,000,000 (2006 dollars)

North Edwards Street: South Street to North Street - Urban Collector / Local  
Cost Estimate: \$1,600,000 (2006 dollars)



## *Osterhout Avenue*

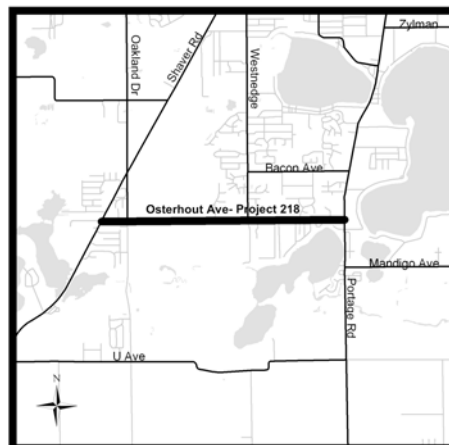
*City of Portage*

Shaver Road to Portage Road (2.40 miles) - Project 218

Osterhout Avenue in the City of Portage is used as an east-west route from Shaver Road to Portage Road. Several residential neighborhoods are located along the roadway.

The roadway is located in an area with low to high probability of either having the existence of rare species or high quality natural communities. It is also located near a cemetery and several well locations. A number of small wetland locations are also located along the project length. During the design and construction of the project, work will take place to minimize the impact to the above listed factors.

2017 - 2030      Shaver Road to Portage Road - Urban Collector  
Widen from 2 lanes to 3 lanes with bicycle lanes  
Cost Estimate: \$1,800,000 (2006 dollars)



## *Parkview Avenue*

*Michigan Department of Transportation/  
Kalamazoo County Road Commission*

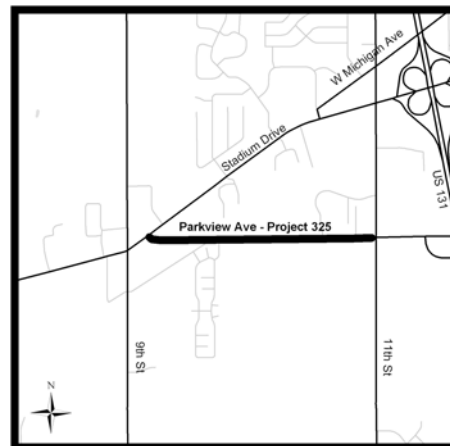
Bridge over US-131 - Project 26

Stadium Drive to 11<sup>th</sup> Street (.922 miles) - Project 325

Parkview Avenue, located in Oshtemo Township, is a roadway used by local traffic to access 9<sup>th</sup> Street, Drake Road, and points further east in the cities of Kalamazoo and Portage. It is also used as a route between Kalamazoo Valley Community College and Western Michigan University's School of Engineering. The bridge over US-131 is deteriorating and is in need of replacement. As a part of the replacement, an additional lane will be added to match up with the road segments to the east and west. The section between Stadium Drive and 11<sup>th</sup> Street will be widened from 2 lanes to 3 lanes in order to meet the demand of residential development being built along this corridor.

A cemetery is located at the intersection of Parkview Avenue and 11<sup>th</sup> Street. Impact to the cemetery will be monitored and considered during the construction of the project.

- |             |   |
|-------------|---|
| 2008        | Bridge over US-131 - Urban Minor Arterial<br>Bridge replacement and widening from 2 lanes to 3 lanes<br>Cost Estimate: \$2,662,000          |
| 2017 - 2030 | Stadium Drive to 11 <sup>th</sup> Street - Urban Minor Arterial<br>Widen from 2 lanes to 3 lanes<br>Cost Estimate: \$852,000 (2006 dollars) |



## Portage Road

City of Portage

Lakeview Drive to Osterhout Avenue (1.15 miles) - Project 214

East Milham Avenue to East Centre Avenue (1.90 miles) - Project 199

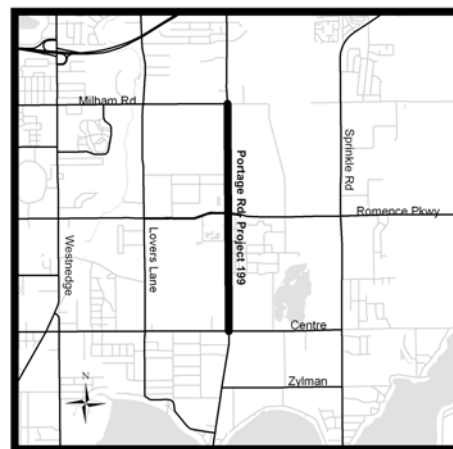
Portage Road is located within the City of Portage and is used as a major north-south facility connecting to other major roadways, including East Centre Avenue, East Milham Avenue and I-94. A Pfizer Pharmaceutical manufacturing plant is located at the corner of Portage Road and Romence Parkway.

The section of Portage Road from Lakeview Drive to Osterhout Avenue includes residential, commercial and retail uses. The widening of the roadway will allow for a turning lane to access properties along this stretch of roadway. New bicycle lanes will also be incorporated into the City of Portage's non-motorized network, as well as the Kalamazoo Area Transportation Study's Non-Motorized Plan. Between East Milham Avenue and East Centre Avenue, the roadway will be widened to provide for a raised median that matches median sections along East Centre Avenue and East Milham Avenue.

In the area of Portage Road for both projects, there is a moderate probability of either rare species or high quality natural community. A school is located within one quarter mile of the proposed section between Lakeview Drive and Osterhout Avenue. A park is located on the east side of Portage Road at the Pfizer property. A well location has also been identified, as are several wetland locations. All of these potential environmental and human impacts will be reviewed and taken into consideration during the design and construction of the projects.

2017 - 2030 Lakeview Drive to Osterhout Avenue - Urban Minor Arterial  
Widen from 4 lanes to 5 lanes with bicycle lanes  
Cost Estimate: \$2,000,000 (2006 dollars)

2017 - 2030 East Milham Avenue to East Centre Avenue - Urban Principal Arterial  
Widen from 4 lanes to 5 lanes with raised median  
Cost Estimate: \$2,800,000



## Q Avenue

*Kalamazoo County Road Commission*

3<sup>rd</sup> Street to 8<sup>th</sup> Street (2.53 miles) - Project 326

8<sup>th</sup> Street to 12<sup>th</sup> Street (1.90 miles) - Project 249

Q Avenue is a roadway located in Texas Township that carries motorists traveling from western Kalamazoo County into the city of Portage and to US-131. Over the past decade, a number of new housing developments have been built with plans anticipated for further development along Q Avenue. The intersection of Q Avenue and 8<sup>th</sup> Street has seen significant commercial development.

Improvements between 3<sup>rd</sup> Street and 8<sup>th</sup> Street will include widening the roadway to three lanes to provide for a turn lane for residential housing. The same is being proposed for the section between 8<sup>th</sup> Street and 12<sup>th</sup> Street.

The area has been identified as having low to high probability of either rare species or high quality natural communities. Several wetland locations have been identified, primarily between 3<sup>rd</sup> Street and 8<sup>th</sup> Street. Work to minimize the impact to these environmentally-sensitive areas will be considered during the development and construction of the projects.

2017 - 2030     3<sup>rd</sup> Street to 8<sup>th</sup> Street - Urban Collector  
Widen from 2 lanes to 3 lanes  
Cost Estimate: \$2,153,000 (2006 dollars)

2017 - 2030     8<sup>th</sup> Street to 12<sup>th</sup> Street - Urban Minor Collector  
Widen from 2 lanes to 3 lanes  
Cost Estimate: \$1,705,000 (2006 dollars)

2017 - 2030     8<sup>th</sup> Street to 12<sup>th</sup> Street - Urban Minor Collector  
Widen from 3 lanes to 5 lanes  
Cost Estimate: \$2,070,000 (2006 dollars)



## ***River Street***

***Kalamazoo County Road Commission***

ML Avenue to I-94 Business Loop (.17 miles) - Project 341

River Street in Comstock Township is a connector street between Comstock Township and the I-94 Business Loop. The portion scheduled to be widened to three lanes is used by businesses to access ML Avenue, which is a business corridor spanning from River Street west to Miller Road.

No known environmental impacts are foreseen as of the development of this Transportation Plan that will impact this project.

2008                    ML Avenue to I-94 Business Loop - Urban Minor Arterial  
Widen to three lanes  
Cost Estimate: \$400,000 (2006 dollars)



## ***Romence Road***

*City of Portage*

Oakland Drive to Angling Road (1.17 miles) - Project 205

Romence Road within the City of Portage is an east-west route used by residents to access Angling Road, Oakland Drive, and South Westnedge Avenue. Along the roadway are residential properties and a number of apartment complexes. The widening of Romence Road to three lanes will allow for a continuous turn lane.

Several schools are located in the area of the project. Well locations have also been identified in the vicinity. Minimizing the impact on the school and the well locations will be stressed during the design and construction of the project.

2017 - 2030      Oakland Drive to Angling Road - Urban Collector  
Widen from 2 lanes to 3 lanes  
Cost Estimate: \$1,100,000 (2006 dollars)

