



***KALAMAZOO COUNTY ROAD COMMISSION
11th STREET & ON AVENUE RESURFACING PROJECT
N AVENUE TO 12TH STREET***

***INFORMATIONAL MEETING
TEXAS TOWNSHIP HALL
AUGUST 30TH, 2011
6:30 P.M.***

REPRESENTED BY:

***KALAMAZOO COUNTY ROAD COMMISSION*
(269) 381-3171
www.kalamazoocountyroads.com**

Kent L. McCauley, Chairman
Ken Oscarson, Vice Chairman
Jeffrie M Maddox, Commissioner
Dennis J. Berkebile, Commissioner
Dan Moyle, Commissioner
Joanna Johnson, Managing Director
Tom J. Hohm, Chief Engineer
John Byrnes, Traffic Services Director
Paul Spitzley, Project Engineer

11th Street & ON Avenue Resurfacing Project **Project Summary**

Project Limits

11th Street and ON Avenue from N Avenue to 12th Street in Texas Township

The project includes substantial work on both the N Avenue/11th Street and ON Avenue/12th Street intersections.

Purpose and Need

The Kalamazoo County Road Commission (KCRC) will be utilizing funds from the 2011 Surface Transportation Program's (STP) budget for this project. The Kalamazoo Area Transportation Study's (KATS) Technical Committee and Policy Committee supported the project. The project is funded with \$340,000 federal STP and \$161,000 KCRC funds for a total project construction estimate of \$501,000.

The 11th Street and ON Avenue road segment is an urban collector route that carries 4,300 vehicles per day. To the east, the roadway provides access to schools, business parks, and shopping centers. The roadway is also a gateway to the cities of Kalamazoo and Portage. To the west, the roadway provides access to industrial areas, business parks, and residents of Oshtemo and Texas Township. The roadway is also used as an access to 9th Street's interchange with I-94 and Kalamazoo Valley Community College.

This section of 11th Street and ON Avenue is currently 22 feet wide with little to no shoulder width. The current roadway does not meet the standards of an urban collector roadway with a traffic volume of 4,300 vehicles per day. Currently, there are many roadway surface failures. The horizontal curves and roadway shoulders are insufficient. At the 12th Street and ON Avenue intersection backups occur due to the left hand turning movements by those travelling from north bound 12th Street onto ON Avenue.

The pavement condition is very poor. KCRC crews have patched sections of the roadway and a surface seal was applied several years ago. The replacement of the surface on this roadway will provide needed structural improvement to the roadway. The horizontal curves need to be reconstructed to meet the current requirements. Paved and gravel shoulders must be added to both sides of the roadway. Adding a left hand turn lane on 12th Street would increase the efficiency of the 12th Street and ON Avenue intersection.

Project Summary

The 11th Street and ON Avenue Resurfacing Project will begin just to the west and north of the 11th Street and N Avenue intersection and continue east to the ON Avenue and 12th Street intersection. The project limits on 12th Street are 500 feet north and south of the intersection. The total length of the project is approximately 1 mile. Throughout the length of the project the roadway will be trenched, existing asphalt will be crushed and shaped, new base materials will be installed along the widened shoulders and the entire roadway will be resurfaced with hot mix asphalt. The Contractor will also

construct drainage improvements including: driveway culvert installation, ditching, and the placement of several drainage structures to accommodate the new roadway's storm water runoff.

The proposed roadway will provide for 11' wide traffic lanes, 4' paved shoulders, and 2' gravel shoulders. The vertical alignment of the roadway will remain generally intact. Drainage improvements including culvert replacement, roadside ditching, concrete curb and gutter (intersections only), and drainage structures will be implemented as needed. The Contractor will grade the side slopes to provide drainage for the roadway. The ditching for this project will generally be 1' to 2' deep from the shoulder edge, with 1 on 3 fore slopes and 1 on 4 back slopes.

By reducing ditch depths, and providing steeper back slopes, KCRC was able to reduce the grading limits and tree removals. The original design plans were developed with the goal of preserving trees. However, there are certain instances where tree removals are unavoidable. Trees within the clear zone of the roadway **OR** within the grading limits will be removed to provide the necessary safe clear area next to the roadway. The KCRC has a tree replacement program available to the property owners along this project. The removal plan will be mailed to each individual property owner that is affected. A tree removal form will accompany the removal plan. The removal form allows for the property owner to keep any or all of the wood that is removed from in front of his/her property. The contractor will follow this form during the tree removal portion of the project.

The posted speed limit of the roadway will not change as a result of this project.

Project Schedule and Detour Information

The KCRC anticipates construction to begin in the middle of April 2012. The project is to be completed by the beginning of July 2012.

The project will be built in two phases. During the first phase, the 12th Street portion of the project will be constructed with a one-lane closure. Traffic will be allowed to utilize 11th Street and ON Avenue as normal during the 12th Street construction. There will be a time period of approximately 1 week where local traffic will not be able to access their homes from the ON Avenue and 12th Street intersection. During that period of time, all local traffic will need to access their properties from the N Avenue and 11th Street intersection.

During the second phase, 11th Street and ON Avenue will be closed to through traffic. Traffic will be detoured during the closure of 11th Street and ON Avenue onto 9th Street, to Stadium Drive, to Parkview Avenue, and to 12th Street (as shown in the attached map). All homeowners on this section of 11th Street and ON Avenue, emergency vehicles, and garbage pickup services will have access to each home throughout construction.

All mailboxes will be relocated to a central location approved by the Postal Service prior to construction. Once the construction is near completion each mailbox will be installed, by the Contractor, back at its respective location with a new post.

KCRC Contact Information

If you have any questions prior to the project or during the project please Paul Spitzley, Project Engineer, at (269)-381-3171.

Throughout the construction season press releases will be provided to the media on the project and citizens can also check our website and subscribe to our “newsfeed” for up to date construction information.

Thank you for giving KCRC the opportunity in public service to improve our infrastructure as your local road professionals.

THE 11TH STREET AND ON AVENUE IMPROVEMENTS PROJECT AND DETOUR ROUTE

