

CITY OF

PORTAGE

A Place for Opportunities to Grow

**PLANNING
COMMISSION**

April 1, 2010

CITY OF PORTAGE PLANNING COMMISSION

A G E N D A

**April 1, 2010
(7:00 p.m.)**

Portage City Hall Council Chambers

PLEDGE OF ALLEGIANCE

APPROVAL OF MINUTES:

- * March 18, 2010

SITE/FINAL PLANS:

PUBLIC HEARINGS:

- * 1. Special Land Use Permit: Portage Soccer Club (outdoor soccer facility), 8201 Cox's Drive
- * 2. Rezoning Application #09-02, 9801 Oakland Drive – Request to adjourn

PLATS/RESIDENTIAL CONDOS:

OLD BUSINESS:

- * 1. FY2010-2020 Capitol Improvement Program – Recommendation to City Council

NEW BUSINESS:

- * 1. Charter Township of Comstock – 5 Year Land Use Plan Update
- * 2. FY 2009-2010 Planning Commission Goals and Objectives Update
- * 3. 2010 Major Thoroughfare Plan Status Report – Information only

STATEMENT OF CITIZENS:

ADJOURNMENT:

MATERIALS TRANSMITTED

March 9, 2010 City Council meeting minutes
February 2010 Summary of Environmental Activities Report

Star (*) indicates printed material within the agenda packet.

PLANNING COMMISSION

March 18, 2010

 **DRAFT**

The City of Portage Planning Commission meeting of March 18, 2010 was called to order by Chairman Fox at 7:00 p.m. in Council Chambers of Portage City Hall, 7900 South Westnedge Avenue. Approximately four citizens were in attendance.

MEMBERS PRESENT:

Cory Bailes, James Cheesebro, Miko Dargitz, Paul Welch, Jim Pearson, Rick Bosch, Wayne Stoffer, Bill Patterson and Chairman Thomas Fox.

MEMBERS ABSENT:

None.

MEMBERS EXCUSED:

None.

IN ATTENDANCE:

Christopher Forth, Deputy Director of Planning and Development Services and Randall Brown, City Attorney.

PLEDGE OF ALLEGIANCE:

The Planning Commission, staff and the audience recited the Pledge of Allegiance.

APPROVAL OF MINUTES:

Chairman Fox referred the Commission to the March 4, 2010 meeting minutes. Commissioner Dargitz requested the first sentence of the last paragraph on page 2, be amended by adding "expressing concerns about trespassing" immediately following "MDNR-E e-mails." Commissioner Dargitz also requested the first sentence of the last paragraph on page 3 be amended by adding at the end of the sentence "...to allow the MDNRE staff to attend the meeting and explain their concerns expressed in their e-mails." A motion was made by Commissioner Bosch, seconded by Commissioner Stoffer, to approve the minutes as submitted as amended. The minutes were unanimously approved.

SITE/FINAL PLANS:

None.

PUBLIC HEARINGS:

1. Height Modification Request, Centre meadows Senior Apartments, 1405, 1419 and 1503 East Centre. Mr. Forth summarized the staff report dated March 12, 2010 regarding a height modification request by the Milham Group to construct a three-story, 36-foot high multiple family residential apartment building with one architectural feature (cupola) that will extend to a height of 49 feet. The 122 apartment unit building will be age restricted to persons 55 years and older. The south 450 feet of the site is zoned OS-1, office service and the north 837 feet is zoned RM-1, multiple family: The building and parking lot will be located in the RM-1 zone.

The applicant, Mr. Tim Woodhams, was present to explain and support the project. The Commission members discussed with the applicant and staff the footprint of the building, elevation differences between the proposed building and surrounding residential homes, screening/landscaping, maximum number of units

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permitted, amount of off-street parking needed and the 2010 project compared to the 2007 project. The public hearing was opened by Chairman Fox. No other citizens spoke in support or opposition to the height modification request. A motion was offered by Commissioner Welch, seconded by Commissioner Bailes, to close the public hearing. The motion was unanimously approved.

After a brief discussion, a motion was offered by Commissioner Pearson, seconded by Commissioner Bailes, to approve the Height Modification request for Centre Meadows Senior Apartments, 1405, 1419 and 1503 East Centre Avenue, to construct a three-story, multiple family residential building to a height of 36 feet with an architectural feature/cupola on top of the building that will extend to a height of 49 feet subject to installation of landscaping treatments along the west, south and east sides of the building that soften and break-up the expanse of the three-story building walls. Specific details regarding landscaping treatments will be reviewed as part of the formal site plan consideration. The Planning Commission also recommends that City Council approve the Height Modification for Centre Meadows Senior Apartments subject to the same condition and submittal of a site plan. The proposed building location/orientation, setback distances, natural topography, preservation of mature trees and supplemental landscaping will help mitigate potential adverse impacts on adjacent single family residential districts. The motion was unanimously approved.

PLATS/RESIDENTIAL CONDOS:

None.

OLD BUSINESS:

None.

NEW BUSINESS:

None.

STATEMENT OF CITIZENS:

None.

7:30 p.m. The Commission took a short recess and reconvened the meeting in Conference Room 1 at 7:35 p.m. to discuss the 2010-2020 Capital Improvement Program.

2010-2020 Capital Improvement Program. Mr. Forth indicated an overview of the 2010-2020 Capital Improvement Program (CIP) was provided during the March 4, 2010 meeting. Mr. Forth also indicated a letter was included in the final agenda from several business owners along Cooley Drive requesting installation of a traffic signal at the West Centre/Cooley Drive intersection as part of the 2010-11 capital improvement projects. Mr. Forth noted that installation of a traffic signal at this intersection was discussed as part of the Greenspire PD, planned development rezoning application. A signal warrant study had been recently completed for this intersection and concluded installation of a signal is not warranted at this time. However, city staff will monitor the intersection as development of the proposed Greenspire expansion project progresses, if approved by City Council.

Chairman Fox suggested the Commission review each section and comment on projects as necessary. With regard to the Streets category, the Commission briefly discussed signalization of the West Centre/Cooley Drive intersection and rollover of CIP funds from one year to the next. Commissioner Dargitz mentioned she thought the cost for the Street Infrastructure Improvement project for Portage Public Schools traffic signalization project appeared high. Mr. Forth indicated the traffic signalization equipment (mast arms, poles, signal heads, etc.) are expensive. Portage Public Schools is also contributing money to fund the projects. Commissioner Cheesbro asked for additional information on the West Milham/12th Street intersection improvement project. Mr. Forth further explained the project.

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The Commission next discussed the Sidewalks and Bikeways category. Although not part of the 2010-2020 Capital Improvement Program, Chairman Fox reiterated his concern about the location of the sidewalk that was installed near Lake Center Elementary school. Chairman Fox believed it to be too close to the travel lane of Portage Road. Commissioner Dargitz asked what the city-share portion is for the Portage Public Schools sidewalk project. Mr. Forth stated per City Charter, the city-share is 50 percent.

The Commission had no major comments regarding the Water, Police and Fire categories. With regard to the Sanitary Sewer category, Commissioner Cheesebro noted the Barberry sanitary sewer project was not in the 2009-19 CIP and added to the 2010-20 CIP. Mr. Forth explained it was added to the proposed CIP to address potential ground water contamination.

Discussion involving the Public Facilities category included leasing vs. purchasing computer equipment, demolition/sale of the former PCOC building, Comprehensive Plan Update and City Centre Area improvements. Commissioner Dargitz suggested a CIP project for the city to begin acquiring property in the City Centre Area as a method to encourage and control (re)develop activities. The Commission and staff discussed the proposal including market-driven efforts by the private sector, city regulations as a means to control land use and site development, budgetary constraints, among others. Commissioner Bosch didn't agree the city should acquire property as a means to control land development in the City Centre Area. Commissioner Stoffer emphasized the need to encourage City Centre Area (re)development activities. Mr. Forth indicated the city has been actively involved in City Centre Area (re)development activities such as brownfield and site reclamation redevelopment efforts, infrastructure improvements, municipal facility improvements, property acquisition/sale and partnership with Portage Public Schools.

After a brief discussion, Mr. Forth indicated he would prepare the FY2010-2020 Capital Improvement Program Planning Commission transmittal to City Council. Chairman Fox requested the draft transmittal be forwarded to him.

ADJOURNMENT:

There being no further business, the meeting was adjourned at 10:00 p.m.

Respectfully submitted,

Christopher T. Forth, AICP
Deputy Director of Planning and Development Services

TO: Planning Commission

DATE: March 25, 2010

FROM: Jeffrey M. Erickson, Director of Community Development

SUBJECT: Special Land Use Permit: Portage Soccer Club (outdoor soccer facility), 8201 Cox's Drive.

I. INTRODUCTION:

A special land use permit application has been submitted by Portage Soccer Club to continue an outdoor soccer facility at property addressed as 8201 Cox's Drive. The outdoor soccer fields are used seasonally, April through October, by the Portage Soccer Club youth program and the Pfizer co-ed adult league. The subject property is approximately 40 acres and zoned I-2, heavy industry.

The outdoor soccer fields and associated gravel parking lot were first approved and established at the site through a series of Zoning Board of Appeals (ZBA) actions. In October 2006, the ZBA approved a temporary use permit that allowed the Portage Soccer Club to establish outdoor soccer fields for an initial 12-month period with one extension of up to 12 months after further review. The applicant originally pursued the temporary use permit due to the nature of the lease arrangement with the owner of the property, Pfizer, that included a one-year renewable lease with a 90-day termination clause. Due to site conditions and other constraints, the Portage Soccer Club did not establish the outdoor soccer fields during this time period. In March 2008, the ZBA approved a new temporary use permit that allowed the Portage Soccer Club to establish the outdoor soccer fields for a period of one year. In March 2009, the ZBA approved a 12-month extension of the temporary use permit that was granted in March 2008. Most recently, on March 8, 2010, the ZBA granted an interpretation that seasonal soccer fields are similar to an outdoor theatre use in the I-2 district. At the same meeting, the ZBA also granted a variance from the off-street parking lot paving requirements. Copies of the above ZBA meeting minutes are attached.

II. BACKGROUND INFORMATION:

Existing Land Use/ Zoning	<ul style="list-style-type: none"> • Subject site is occupied by outdoor soccer fields and a gravel parking lot with capacity for approximately 180 vehicles. The approximate 40 acre property is zoned I-1, heavy industry. • To the north, various industrial uses including the Kasten Office & Industrial Park (8135 Cox's Drive) and Kingdom Indoor Center (8151 Merchant Place) zoned I-1, light industry. • To the east, Stryker Corporation (3800 East Centre Avenue) zoned I-2, heavy industry. • To the west (across Cox's Drive), vacant property zoned I-2, heavy industry. • To the south (across Zylman Avenue), vacant property zoned R-1B, one family residential.
Comprehensive Plan	Subject site and adjacent properties to the east and west (across Cox's Drive) are designated on the Future Land Use Map as appropriate for general industrial and medium density residential land uses. Adjacent properties to the north are designated for general industrial land use, while adjacent properties to south (across Zylman Avenue) are designated for low density residential land uses.

Historic District/ Structure	<ul style="list-style-type: none"> The subject site is not located within a historic district and does not contain any historic structures.
Access	<ul style="list-style-type: none"> Subject site is currently served by a full service driveway from Cox's Drive.
Environmental Issues	<ul style="list-style-type: none"> According to the City of Portage Sensitive Land Use Inventory Map, subject site does not contain designated wetland/floodplain areas.
Land Development Regulations	<ul style="list-style-type: none"> Based on the recent ZBA interpretation, the outdoor soccer fields have been determined to be similar to an outdoor theatre in the I-2 district. While the ZBA interpretation did not include specific conditions for consideration as part of the special land use permit application, Section 42-462, General Standards for Review of Special Land Uses, applies: <ol style="list-style-type: none"> Promote the intent and purpose of this article; Be compatible with adjacent uses of land and the natural environment; Not unduly affect the capacities of public services or facilities; Be consistent with the public health, safety and welfare; Be harmonious with and in accordance with the general objectives or with any specific objective of the comprehensive plan; and Be planned and designed to ensure that the nature and intensity of the principal use and all accessory uses, and the site layout and its relation to the streets giving access to it, shall not be hazardous or otherwise detrimental to the area or unduly conflict with normal traffic to and from the use.

III. ANALYSIS

The proposal to continue the outdoor soccer facility at the site fulfills the requirements for issuance of a Special Land Use Permit. The facility is used on a seasonal basis (April through October) and will not include any capital improvements of a structural nature including artificial illumination. Additionally, the vehicular gravel parking base will continue to be maintained and will conform in all other respects to the off-street parking standards set forth in the Zoning Code. Based on information provided by the applicant and past observations at the facility, the approximate 180 space parking lot is sufficient for the use. Access to the facility is provided through a full service driveway from Cox's Drive, which is classified as a two-lane collector roadway with an average daily traffic volume of approximately 900 vehicles. Finally, the use is compatible with adjacent uses and the natural environment and will not unduly affect the capacities of public services or facilities.

IV. RECOMMENDATION:

Based upon the above analysis and subject to any additional information brought before the Planning Commission during the public hearing, staff recommends that the Special Land Use Permit for Portage Soccer Club (outdoor soccer facility), 8201 Cox's Drive, be approved.

Attachments: Vicinity/Zoning Map
 Zoning Board of Appeals meeting minutes (3-8-10, 3-9-09, 3-10-08 and 10-9-06)
 Special Land Use Permit Application and supporting materials

E Centre Av

3300

8007

3350

3572

8065

3700

8095

8132

8125

8137

Subject Property

I-1

8135

8151

2722

3800

Coxs,Dr

8201

I-2

4010

4010

2770

R-1B

Coxs,Dr

3308

3700

8636

3028

R-1A

3262

3308

8646

8645

8652

3805

AUSTIN LAKE



Special Land Use Permit 8201 Cox's Drive

 Subject Properties

0 150 300 Feet

incorporated in the record and the action of the Board shall be final and effective immediately. Felicijan-Yes, Linenger-Yes, Kerr-Yes, Seyburn-Yes, Schimmel-Yes, Mordas- Yes, Singer-Yes. Upon roll call vote, the motion carried 7-0.

With regard to request c), a variance to allow a 320 square-foot roof sign when only a maximum 32 square feet of combined wall and freestanding signage is permitted, a motion was made by Felicijan, supported by Mordas, to deny the variance for the following reasons: there are no exceptional or extraordinary circumstances or conditions applying to the property that do not apply generally to other properties in the same zoning district; the variance is not necessary for the preservation and enjoyment of a substantial property right similar to that possessed by other properties in the same zoning district in the vicinity because there are conforming alternatives or signage falls under legal nonconforming conditions; the immediate practical difficulty causing the need for the variance request was created by the applicant, the variance would materially impair the intent and purpose of the zoning ordinance. In addition, the application and supporting materials, staff report, and all comments, discussion and materials presented at the hearing are to be incorporated in the record and the action of the Board shall be final and effective immediately. Felicijan-Yes, Linenger-Yes, Kerr-Yes, Seyburn-Yes, Schimmel-Yes, Mordas- Yes, Singer-Yes. Upon roll call vote, the motion carried 7-0.

ZBA# 09-15, 8201 Cox's Drive: Staff summarized the request for a) an interpretation that seasonal soccer practice fields are similar to an outdoor theater use in an I-2, Heavy Industrial district, or b) a variance from the maximum two 1-year time periods for a Temporary Use Permit to continue the seasonal soccer practice field use from April 2010 through October 2014, and c) a variance from the off-street parking lot paving requirement. David Rice was present to explain the request on behalf of the Portage Soccer Club and discussed the history of the use of the property for outdoor recreation, and challenges associated with the current lease with Pfizer that is limited to seven years with renewals and a 90-day termination clause. Rice indicated that Portage Soccer Club has 250 players that use the fields for practice and that the Pfizer adult co-ed soccer league also plays games on Thursday evenings at the site. Mr. Rice explained the club prefers approval for requests a) and c) together, and indicates the use is identical to previous uses, is seasonal, recreational entertainment similar to an outdoor theater, is low impact and relieves congestion at city parks. With regard to the parking lot paving variance request, Rice indicated that the formal gravel parking lot has been restored, compacted and improved with a layer of crushed asphalt, and that the site is utilized by a very low impact recreational use.

A public hearing was opened. The following persons spoke in favor of the request: John Kelleykitis, Kalamazoo Twp. resident; Norm Jansen, 2746 Pfitzer; Felicia Murry, 5611 W. Heverly; Bill Restevo, 5510 Swallow, Texas Twp. resident; Steve Thompson, Schoolcraft resident, and Tom Mellinger, 9928 Sailor. Citizen comments included: that the facility relieves congestion in city parks; that the facility is safe, provides more than ample room for the Portage Soccer Club and enhances training; and that an unpaved parking lot is consistent with the natural setting and wildlife on the site.

Seyburn asked for clarification as to which alternative, a variance from the Temporary Use Permit time period, or an interpretation that soccer practice fields are similar to an outdoor theater, is preferred by the city. Staff explained that either option is acceptable to staff, and that the applicant prefers a favorable interpretation and variance from the parking paving. Staff also verified the applicant must obtain a Special Land Use Permit and site plan approval from the Planning Commission, and that the applicant is aware of such requirement. Felicijan asked if the Planning Commission can apply conditions to the Special Land Use Permit. Staff indicated yes, provided such conditions are reasonable.

After additional discussion, a motion was made by Seyburn, supported by Linenger, to approve a variance from the maximum two 1-year time periods for a Temporary Use Permit to continue the seasonal soccer practice field use from April 2010 through October 2014 for the following reasons: the practical difficulty being that the lease is terminable at the will of the property owner, that the property is not used four months of the year and the applicant has not used the property for a full one-year period; the variance will not be detrimental to adjacent property; the variance will materially impair the intent and purpose of the zoning ordinance; and the variance will be subject to the following conditions: 1) no capital improvements of a structural nature shall be erected on site, including artificial illumination, and 2) the vehicular gravel base shall continue to be maintained and shall conform in all other respects to the off-street parking standards set forth in Section 42-521. In addition, the application and supporting materials, staff report, and all comments, discussion and materials presented at the hearing are to be incorporated in the record and the action of the Board shall be final and effective immediately. Felicijan-No, Linenger-Yes, Kerr-No, Seyburn-Yes, Schimmel-Yes, Mordas- No, Singer-No. Upon roll call vote, the motion failed 3-4.

A motion was made by Felicijan, supported by Singer, that with regard to request a) an interpretation that seasonal soccer practice fields are indeed similar to an outdoor theater use in an I-2, Heavy Industrial district, and c) a variance from the off-street parking lot paving requirement, be granted. In addition, the application and supporting materials, staff report, and all comments, discussion and materials presented at the hearing are to be incorporated in the record and the action of the Board shall be final and effective immediately. Felicijan-Yes, Linenger-Yes, Kerr-Yes, Seyburn-Yes, Schimmel-Yes, Mordas-Yes, Singer-Yes. After further discussion and upon roll call vote, the motion carried 7-0.

STATEMENT OF CITIZENS: None.

ADJOURNMENT: There being no further business, the meeting was adjourned at approximately 8:45 p.m.

Respectfully submitted,

Vicki Georgeau, Deputy Director of Neighborhood Services

CITY OF PORTAGE ZONING BOARD OF APPEALS
Minutes of Meeting – March 9, 2009

The City of Portage Zoning Board of Appeals meeting was called to order by Chair Henry Kerr at 7:00 p.m. in the Council Chambers. One person was in the audience.

MEMBERS PRESENT: Henry Kerr, H. Lincoln Lewis, Rob Linenger, Lowell Seyburn.

MEMBERS EXCUSED: David Felicijan, Betty Schimmel, Mariana Singer, Wayne Stoffer

MEMBERS ABSENT: Robert Atkins

IN ATTENDANCE: Jeff Mais, Zoning and Codes Administrator, Charlie Bear, Assistant City Attorney

APPROVAL OF THE MINUTES: Linenger moved, and Seyburn seconded a motion to approve the February 9, 2009 minutes with two corrections. Upon voice vote, motion was approved 4-0.

NEW BUSINESS:

ZBA# 08-18. Portage Soccer Club, 8201 Cox's Drive: Staff summarized the request for a 12-month extension of a Temporary Use Permit granted on March 10, 2008 to operate six outdoor soccer practice fields during daylight hours at 8201 Cox's Drive between April and October 2009. David Rice was present to explain the request and answer any questions of the Board. Kerr inquired if the applicant should now be requesting a Special Land Use permit from the Planning Commission instead of a Temporary Use Permit extension. Staff indicated the applicant did not use the facility in 2007 as anticipated, and 2008 was the first year for which the facility was used for soccer practice fields under a Temporary Use Permit. Seyburn inquired if there have been any complaints regarding the facility. Staff indicated no. Seyburn inquired if six inches of gravel was installed. Rice indicated a gravel base still existed from the previous field use which was graded and then covered with a layer of roto-milled asphalt.

A public hearing was opened. As no public comments were received, the public hearing was closed.

A motion was made by Seyburn, supported by Linenger, to approve a 12-month extension of a Temporary Use Permit granted on March 10, 2008 to operate six outdoor soccer practice fields during daylight hours at 8201 Cox's Drive between April and October 2009 with the following conditions: 1) no capital improvements of a structural nature shall be erected on site, including artificial illumination; and 2) the vehicular gravel base shall continue to be maintained and shall conform in all other respects to the off-street parking standards set forth in Section 42-521, 3) after 2009, the Temporary Use Permit will expire and the use will subsequently have to be reviewed by the Planning Commission. In addition, the application and supporting materials, staff report, and all comments, discussion and materials presented at the hearing are to be incorporated in the record and the action of the Board shall be final and effective immediately. Upon roll call vote: Linenger-Yes, Kerr-Yes, Lewis-Yes, Seyburn-Yes. Motion carried 4-0.

OTHER BUSINESS: None.

STATEMENT OF CITIZENS: None.

ADJOURNMENT: There being no further business, the meeting was adjourned at approximately 7:13 p.m.

Respectfully submitted,



Jeff Mais
Zoning and Codes Administrator

meet the minimum front yard setback. Clayton Raifsnider was present to explain the variance request to add second story living space over the garage and a portion of the first floor and clarified the building footprint would not be enlarged. Atkins asked if this variance is similar to the prior request. Staff indicated yes, but the mass of the building will be increased with a second story addition and therefore requires a variance.

A public hearing was opened. As no other comments were received, the public hearing was closed.

A motion was made by Linenger, seconded by Stoffer, to approve a variance to construct a 30-foot by 22-foot second story addition to a legal nonconforming dwelling that does not meet the minimum front yard setback as the practical difficulty necessitating the variance was not caused by the applicant, additional practical difficulties are the location of the existing nonconforming dwelling and city park property to the east, and the variance would not be detrimental to adjacent property and the surrounding neighborhood, and the variance would not materially impair the intent and purpose of the zoning ordinance. In addition, the application and supporting materials, staff report, and all comments, discussion and materials presented at the hearing are to be incorporated in the record and action of the Board be final and effective immediately. Upon roll call vote: Atkins-Yes, Felicijan-Yes, Flora-Yes, Kerr, Linenger-Yes, Schimmel-Yes, Seyburn-Yes, Stoffer-Yes Motion passed 7-0.

ZBA #07-31; Portage Soccer Club, 8201 Cox's Drive: Staff summarized the request for a Temporary Use Permit to establish outdoor soccer practice fields at 8201 Cox's Drive. David Rice was present to explain the request for a new Temporary Use Permit during 2008. Kerr asked why the soccer club was not paving the parking lot since there is now a longer lease and noted that Board cannot consider financial hardship. Mr. Rice explained while the soccer club has a longer lease, there is still a 90-day termination clause and the club will evaluate if they want to continue to use the facility and to expend money for paving the parking lot at a later date. Stoffer asked if after two years if the Planning Commission is to review the soccer field use as a special land use. Staff indicated yes, as the Board can only grant an initial temporary use permit and one 12-month extension. In addition, staff clarified that the standards for a temporary use permit differ from a variance and no structural improvements, such as the paving of a parking lot are permitted.

A public hearing was opened. As no comments were received, the public hearing was closed.

A motion was made by Stoffer seconded by Flora to grant a Temporary Use Permit to establish outdoor soccer practice fields at 8201 Cox's Drive for one year subject to the following conditions: 1) no capital improvements of a structural nature shall be erected on site, including artificial illumination, and 2) the applicant shall install and maintain in all vehicular areas a gravel base of not less than six inches in depth, and with the exception of a paved surface, shall conform in all other respects to the off-street parking standards set forth in Section 42-521. In addition, the application and supporting materials, staff report, and all comments, discussion and materials presented at the hearing are to be incorporated in the record and action of the Board be final and effective immediately. Upon roll call vote: Atkins-Yes, Felicijan-Yes, Flora-Yes, Kerr-Yes, Linenger-Yes, Schimmel-Yes, Seyburn-Yes, Stoffer-Yes. Motion passed 7-0.

ZBA #07-32; Margaret Fening, 6528 Hampton Street: Staff summarized the request for a) a 340 square-foot variance from the lot coverage requirement to retain a 238 square-foot addition and a 102 square foot covered porch; b) a 34-foot variance from the 40-foot rear yard setback; and c) a five-foot variance along the north side property line where an eight-foot setback is required. Gary Tibble, attorney for Ms. Fening, was present to explain the variance request. Mr. Tibble explained that there was only one addition completed in 1999 by an unscrupulous builder. Mr. Tibble indicated that this application is different from the 2006 application because drainage problems that existed prior to the addition were not presented and considered by the Board. In addition, the property owner has a license agreement to use the Consumer's Energy property to the west, which has been fenced in and has been utilized for a number of years as additional rear yard area. Mr. Tibble noted that several other property owners in the vicinity received a variance to have sheds on the Consumer's Energy property. The applicant also indicated the addition meets the side yard setback and the only portion of the house that does not comply is the garage built in 1967. The applicant indicated there is a grade change on the property and together with clay soils resulted in serious basement water damage and mold after heavy rains. The alternative presented by staff to reconstruct the previously existing four-foot by 11-foot covered basement entryway is not feasible due to the drainage problems that previously existed under such conditions. Mr. Tibble presented options for the Board's consideration: 1) to grant the variance based on the existence of the Consumer's Energy parcel to the west which is different from a typical plat where over 400 feet of open land exists adjacent to the rear yard conditioned upon the continuation of an executed license agreement; 2) to defer action to further evaluate the application; 3) to not act on the request but allow for the city and applicant to settle the matter through Circuit Court

A motion was made by Linenger, seconded by Bindemann, to deny a) a variance to permit not more than 148 square feet of wall signage for PETCO, in lieu of the maximum 100 square foot allowed due to a lack of practical difficulty. Further, the decision of the Board is final and effective immediately. Upon roll call vote: Linenger – Yes, Vliek – Yes, Flora – Yes, Kerr – Yes, Stoffer – Yes, Bindemann – Yes, Schimmel – Yes. Motion passed 7-0.

A motion was made by Linenger, seconded by Bindemann, to grant b) a variance to add a PETCO sign panel for one nonconforming freestanding sign, and c) a variance to increase the area of a second nonconforming freestanding sign by 33 square feet to add a MC Sports sign panel and a future tenant sign panel without Board approval after staff review provided the sign area does not increase, conditioned upon the removal of the 272 square foot MC Sporting Goods freestanding sign, that no additional freestanding sign be erected on Mall Drive, and that no changeable copy board be utilized on the freestanding signs. The practical difficulty being the reduction in the degree of nonconformity and the removal of the MC Sporting Goods sign. Further, the decision of the Board is final and effective immediately. Upon roll call vote: Linenger – Yes, Vliek – Yes, Flora – Yes, Kerr – Yes, Stoffer – Yes, Bindemann – Yes, Schimmel – Yes. Motion passed 7-0.

ZBA #06-08; Portage Soccer Club, 8201 Cox's Drive: David Rice was present to explain his request for a Temporary Use Permit to establish outdoor soccer practice fields at 8201 Cox's Drive. Mr. Rice explained the history of the prior use of the property for baseball and soccer fields, which ended in 1998. The Portage Soccer Club proposes to re-use the site for soccer fields similar to the prior use, but is able to get only a one-year lease with a 90-day termination clause with the property owner, Pfizer. Therefore, the applicant is requesting a Temporary Use Permit which would allow seasonal use of the property for soccer fields without making permanent improvements given the short term lease from Pfizer.

In response to questions from the Board, Mr. Rice explained that a gravel parking lot and access drive would be installed per the staff recommendation, the grass would be cut, and a dumpster or other garbage containers would be utilized if found necessary. Also, the Portage Soccer Club is hopeful the previous irrigation system could be utilized, but no plans are in place to install such irrigation system. Bindemann suggested the city require a paved driveway approach, and Linenger asked for clarification regarding parking standards. Staff indicated because the request is for a Temporary Use Permit, paving is not required, but the six inches of gravel is a standard design criterion for gravel parking areas, and the applicant would otherwise have to meet the requirements for off-street parking areas.

A public hearing was opened. No one was present to speak for or against the request.

A motion was made by Stoffer seconded by Flora, to grant a Temporary Use Permit for an outdoor soccer field facility for an initial 12-month period, with one extension of up to 12 months after further review. After two years, if the applicant chooses to continue use of the property, a Special Land Use approval from the Planning Commission would be required and paved parking surfaces would need to be installed or a request for a variance from the paving requirements would be necessary. The Temporary Use Permit is conditioned upon: 1) no capital improvements of a structural nature shall be erected on site, including artificial illumination, and 2) the installation and maintenance in all vehicular areas a gravel base of not less than six inches in depth, and with the exception of a paved surface, shall conform in all other respects to the off-street parking standards set forth in Section 42-521. Further, it the decision of the Board is final and effective immediately. Upon roll call vote: Linenger – Yes, Vliek – Yes, Flora – Yes, Kerr – Yes, Stoffer – Yes, Bindemann – Yes, Schimmel – Yes. Motion passed 7-0.

OTHER BUSINESS: None.

STATEMENT OF CITIZENS: None.

ADJOURNMENT: There being no further business, the meeting adjourned at 8:10 p.m.

Respectfully submitted,

Vicki Georgeau, Deputy Director of Neighborhood Services

RECEIVED
 2010
 COMMUNITY DEVELOPMENT

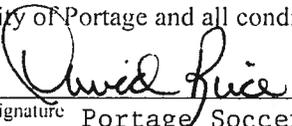
APPLICANT INFORMATION			
Name Portage Soccer Club		Telephone Number 269-323-9484	
Address P.O. Box 1593	City Portage	State MI	Zip code 49081
OWNER INFORMATION (if different)			
Name Pharmacia & Upjohn Company, LLC		Telephone Number 269-833-5196	
Address 7171 Portage Road	City Kalamazoo	State MI	Zip code 49001
PROPERTY INFORMATION			
Address of property 8201 Cox's Drive	Zoning District I-2 Industrial	Land Area (acres)	
Legal Description (for attach separate page) See Exhibit A			
PROPOSED USE			
Description of proposed Special Land Use (attach additional page(s), if necessary) The Portage Soccer Club is requesting approval of an outdoor soccer facility as a Special Land Use in the I-2 Heavy Industrial District. Please refer to the attached supplemental information.			
OWNER CERTIFICATION			
I hereby certify that I am presently the legal owner for the above-described property and all of the above information is true and accurate. I further acknowledge that approval of this Special Land Use Permit constitutes an agreement with the City of Portage and all conditions or limitations imposed shall be fulfilled.			
Signature  Portage Soccer Club, Lessee		Date March 16, 2010	

Exhibit A

Legal Description

SEC 24-3-11 S3/4 W1/2 NW1/4 SEC 24 EXC E 3 R ALSO EXC BEG AT NW COR OF S3/4 W1/2 NW1/4 SEC 24 TH W IN SEC 23 ALG EXTENSION OF N LI OF S3/4 W1/2 NW1/4 SEC 24 22.21 FT TO CTR LI COXS DRIVE TH SLY ALG CTR LI SD DRIVE 567.3 FT TO PT WHICH IS 20.67 FT W OF W LI SEC 24 TH E IN SECS 23 & 24 AS MEAS AT RT ANGLES FROM CTR LI COXS DRIVE 1304.12 FT TO WLY LI OF PENN RR TH NLY ALG WLY LI SD ROW 571.9 FT TO INT WITH N LI OF S 3/4 W1/2 NW1/4 SEC 24 TH E ALG SD N LI 1291.1 FT TO PL OF BEG

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MAR 19 2010

COMMUNITY DEVELOPMENT

PORTAGE SOCCER CLUB

REQUEST FOR A SPECIAL LAND USE PERMIT

BACKGROUND

The Portage Soccer Club (PSC) at the March 8, 2010 Zoning Board of Appeals meeting was granted a favorable interpretation of the zoning ordinance that its use of the property as an outdoor soccer facility is similar to an outdoor theater, a special land use allowed in the I-2, Heavy Industrial District. Further, the Zoning Board of Appeals approved a parking variance from the paved parking requirement.

The PSC at previous Zoning Board of Appeals meetings on October 9, 2006 and March 10, 2008 was granted a Temporary Use Permit for a one year period. The Zoning Board of Appeals at its March 9, 2009 meeting approved a 12 month extension of the Temporary Use Permit.

REQUEST

The PSC would request that the Planning Commission grant a Special Land Use Permit in the Zoning Ordinance (section 42.281, paragraph c(6) finding that the proposed use is an allowable use within this zoning district.

REASONS IN SUPPORT OF THE REQUEST

1. The use as an outdoor soccer facility is similar to an outdoor theatre allowed as a special land use in the I-2, Heavy Industrial District.
 - a. The use is a continuation of a long standing use as the MISLE soccer complex which operated without paved parking from 1986 through 1996.
 - b. The use is seasonal from April through October with limited traffic, noise and less intensity than other uses allowed within this zoning district.
 - c. The use is similar to a park providing open space and relieving congestion and traffic at other city parks with soccer fields.
2. Due to the seasonal use of the property during the months of April through October, limited traffic and parking occurs.

- a. The Portage Soccer Club has approximately 250 youth players participating on 22 teams during two seasons. The spring season is April - early June and the fall season is September - October. PSC teams practice on week nights, typically two times per week at the facility.
- b. The Pfizer co-ed adult league uses the facility on Thursday evenings. Its 6 teams play a two season schedule similar to Portage Soccer Club teams.
- c. The parking lot accommodates approximately 180 vehicles. The average and peak number of participants during 2009 were:

	<u>Average # of Participants</u>	<u>Peak # of Participants</u>
Spring 2009	122	183
Fall 2009	125	152

Peak usage occurs on Thursday evenings when Pfizer and Portage Soccer Club teams both use the facility. While Pfizer players park at the facility most Portage Soccer Club players are driven to and dropped off at the facility.

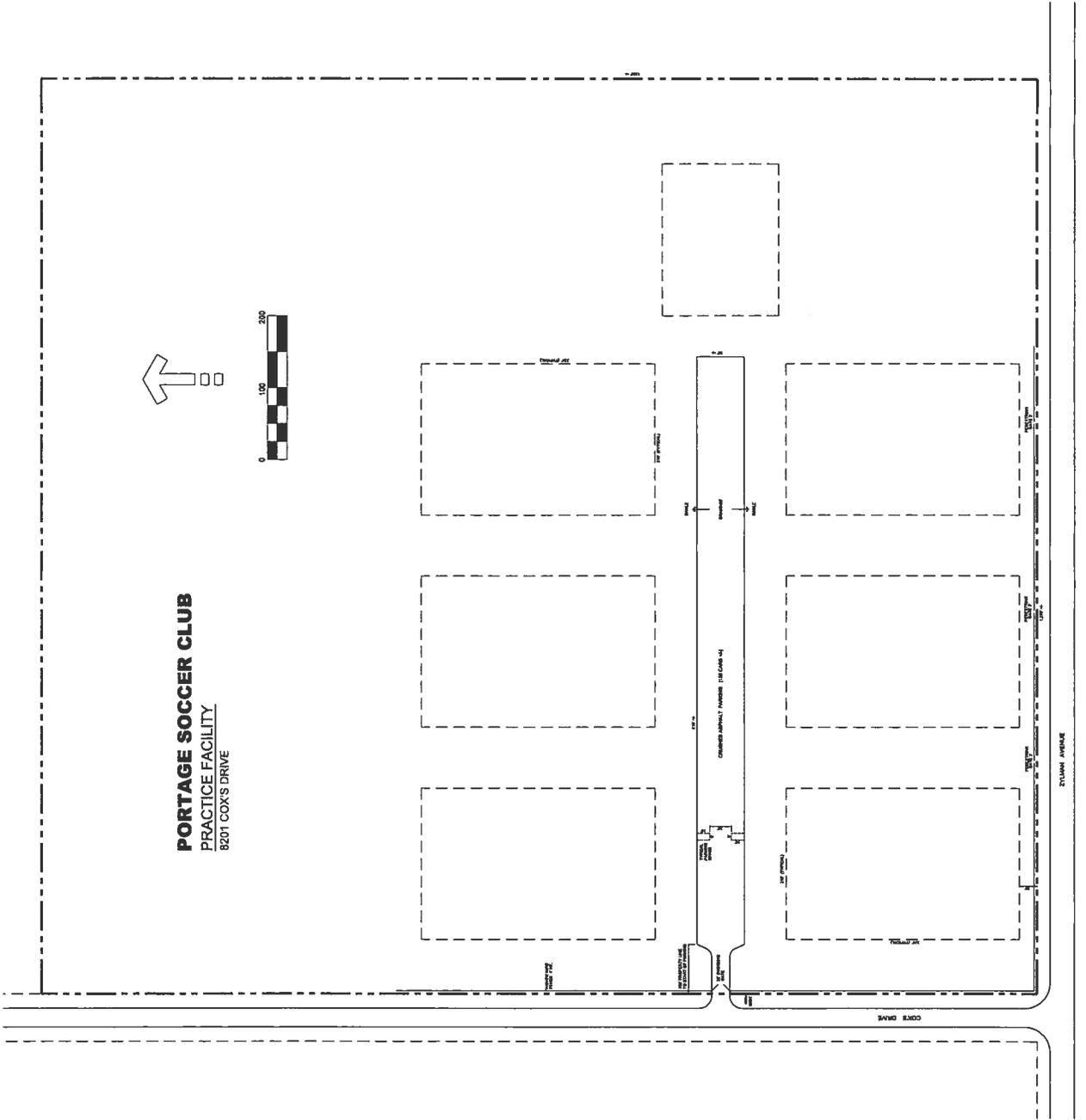
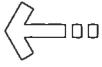
- d. The parking lot accommodates the existing use and is not filled to capacity.
3. The PSC Lease Agreement with Pharmacia & Upjohn Company, LLC in July 2006 was for a one year term. In August 2007 the term was extended to June 30, 2014. However, the Lease Agreement can be terminated with 90 days notice and is not automatically renewable.
- a. The Portage Soccer Club has no long term control over the property; its lease expires on June 30, 2014. There is no certainty that the lease will be extended and if extended, for what term.

SUMMARY

The request of the Portage Soccer Club for a Special Land Use Permit in the Zoning Ordinance finding that the use as an outdoor soccer facility is similar to the special land uses allowed in the I-2, Heavy Industrial District. The Portage Soccer Club agrees to abide by the conditions contained in the original approvals from October 9, 2006, March 10, 2008 and March 9, 2009 Zoning Board of Appeals meetings.

RECEIVED
MAR 5 2000
COMMUNITY DEVELOPMENT

PORTAGE SOCCER CLUB
PRACTICE FACILITY
8201 COX'S DRIVE



TO: Planning Commission

DATE: March 25, 2010

FROM: Jeffrey M. Erickson, Director of Community Development

SUBJECT: Rezoning Application #09-02, 9810 Oakland Drive – Request to Adjourn

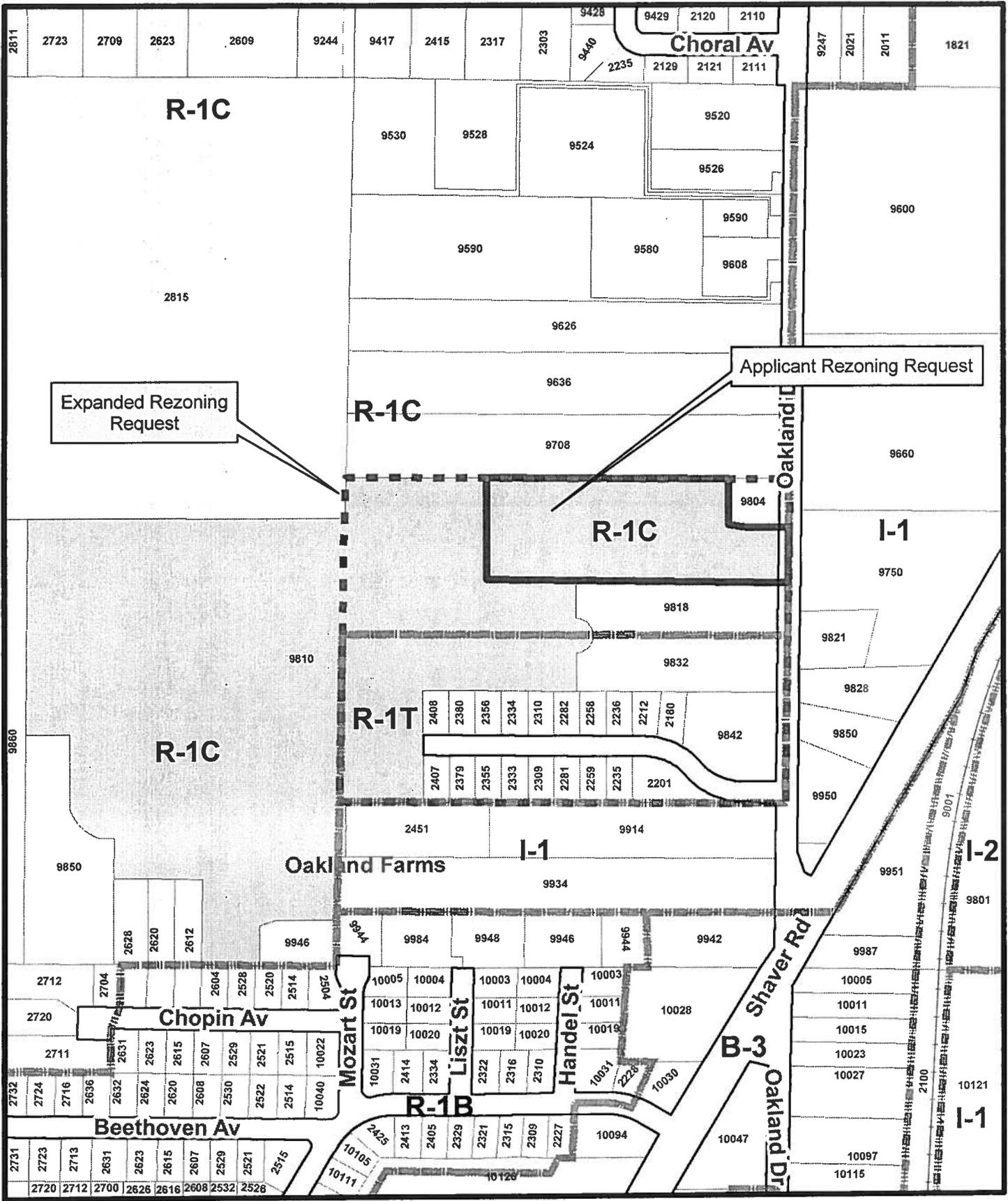
An application has been received from Hyland Associates, LLC, requesting that the east 5.91 acres of 9810 Oakland Drive be rezoned from R-1C, one family residential to R-1B, one family residential. As shown on the attached map, the entire parcel addressed as 9810 Oakland Drive consists of approximately 39 acres and is located along the west side of Oakland Drive near the Shaver Road intersection. Construction of Oakland Farms Phase I infrastructure including the public street (Oakland Farms Trail) located south of the rezoning site has been completed and home construction is ongoing. Phase I of the Oakland Farms subdivision is situated on property zoned R-1T, attached residential with 80-foot wide lots consistent with R-1B district standards.

According to the applicant, the rezoning is being requested to facilitate Phase II of the Oakland Farms subdivision and provide a transition between the I-1, light industry zoning/land use along the east side of Oakland Drive and the interior land area further west. The proposed R-1B zone permits smaller lots and dwelling units than the R-1C district and would allow the developer to offer smaller, more affordable homes in this area, where larger, more expensive homes may not be well suited. The R-1C district located further west of the rezoning site would be retained for future development phases.

In an effort to facilitate appropriate growth and development and to consider the establishment of a more coherent zoning pattern to guide development activities, an expanded rezoning is proposed. Community Development staff met with the applicants on March 25, 2010 to further discuss the rezoning and, as a result, an expanded rezoning along the west side of Oakland Drive that includes several additional properties extending south to the existing I-1, light industrial zoning district and west to the west boundary of the existing R-1T, attached residential zoning district is appropriate. As shown on the accompanying vicinity map, the parcels to be added to the rezoning include all lots in the Oakland Farms subdivision along Oakland Farms Trail, of which thirteen lots are improved or in the process, 9804 and 9818 Oakland Drive, which are improved with single family dwellings zoned R-1C, one family, 9832 Oakland Drive, which is vacant and zoned R-1C, one family, and 9842 Oakland Drive, which is improved with an adult foster care facility zoned R-1T, attached residential.

Since the required public hearing notices for Rezoning Application #09-02, 9810 Oakland Drive, have already been disseminated for the April 1, 2010 Planning Commission meeting, the Commission is advised to open the public hearing, accept public comment and adjourn the public hearing to the May 20, 2010 meeting. This meeting date will allow adequate time to prepare and publish the revised public hearing notices and address related issues associated with processing rezoning applications.

Attachments: Zoning/Vicinity Map showing requested and expanded areas
Aerial Photograph
Rezoning Application and supporting materials



Applicant Rezoning Request

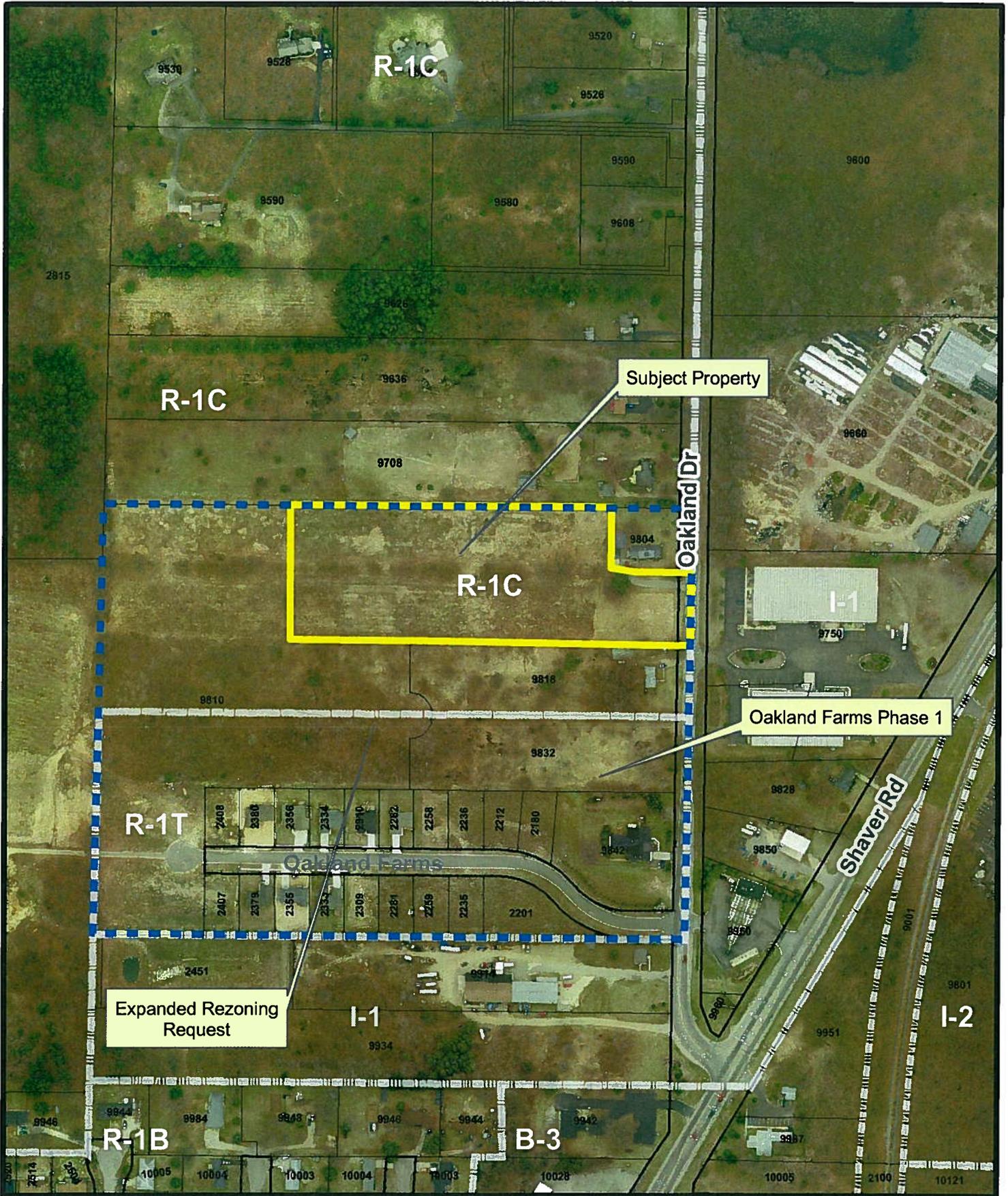
Expanded Rezoning Request

-  Applicant Rezoning Request
-  Expanded Rezoning
-  9810 Oakland Drive Parcel (39 acres)


1 inch = 400 feet

Rezoning #09-02

9810 Oakland Drive (portion of)



 Original Rezoning Request
 Expanded Rezoning



1 inch = 293 feet

Rezoning #09-02

9810 Oakland Drive (portion of)

APPLICATION FOR ZONING AMENDMENT

RECEIVED

Application number 09-2

Date 3/8/10

COMMUNITY DEVELOPMENT
APPLICATION INFORMATION:

Meetings of the Portage Planning Commission are held on the first and third Thursday of each month at 7:00 p.m. in the Council Chambers of Portage City Hall, 7900 South Westnedge Avenue, Portage, Michigan. All zoning amendment applications must be properly filled out and submitted to the Department of Community Development and the zoning amendment fee paid at least 15 working days prior to the meeting at which the public hearing is held. The applicant will be notified in writing of all such public hearing/meetings.

For more detailed information about the zoning amendment process, please refer to Portage Land Development Regulations, Article 4, Division 2, Subdivision 2.

TO THE PLANNING COMMISSION:

I (WE), the undersigned, do hereby respectfully make application and petition the Portage Planning Commission to amend the Zoning Ordinance and/or change the Zoning Map as hereinafter requested. In support of this application, the following is submitted:

ZONING MAP AMENDMENT

1. a. Platted Land:

The property is part of the recorded plat: The property sought to be rezoned is located at _____ between _____ Street and _____ Street on the _____ side of the street, and is known as Lot Number(s) _____ of _____ Plat (Subdivision). It has a frontage of _____ feet and a depth of _____ feet.

b. Unplatted Land:

The property is in acreage, and is not therefore a part of a recorded plat. The property sought to be rezoned is located and described as follows: (Indicate total acreage and parcel number).

See attached legal description and map

2. a. Do you own the property to be rezoned? Yes No _____

b. Name of the owner of the property to be rezoned: Hyland Associates, LLC

Address Proposed split of 9810 Oakland Farms Drive

3. My (our) interest in the property and purpose for submitting the proposed Zoning Amendment: See Zoning Text Amendment #3

4. CURRENT ZONING: R1-C PROPOSED ZONING: R1-B

ZONING TEXT AMENDMENT

1. The proposed language to be considered is (attach additional sheets as necessary):

2. The Zoning Code Chapter and Section wherein the proposed text would be modified/inserted.

3. My (our) interest in and purpose for submitting the proposed Zoning Ordinance Amendment.
See attached Application Letter

We attach a statement hereto indicating why, in our opinion, the change requested is necessary for the preservation and enjoyment of substantial property rights, and why such amendment will advance the public health, safety and welfare. An assessment of the impact of the proposal on the community and property of other persons in the vicinity of the amendment or affected by the amendment is also attached.

<u>Hyland Associates, LLC</u> (Signature of Applicant)	<u>Daniel Martz</u> (Signature of Applicant)
<u>7545 S. 107th St., Kal, MI.</u> (Address)	<u>Same</u> (Address)
<u>269-207-2920</u> (Phone)	 (Phone)

A copy of all actions taken regarding this application shall be attached and shall be considered a part of this application.

Requesting the 1st Thursday of April for consideration.
Don Martz

HYLAND ASSOCIATES, L.L.C.

7545 S 10th. St.

Kalamazoo, MI. 49009

(269) 207-2920 or (269) 207-2239

RECEIVED

MAR 08 2010

COMMUNITY DEVELOPMENT

MARCH 8, 2010

TO: Portage City Community Development

SUBJECT: Rezoning Application for portion of 9810 Oakland Drive

Attention: Chris Forth:

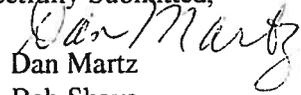
The zoning request by Hyland Associates is for 5.91 acres. It is at the entrance to our proposed 2nd phase of Oakland Farms We are requesting the land be rezoned from R1-C to R1-B. Our arguments are as follows:

- 1)The proposed entrance to Phase 2 of Oakland Farms is directly across from I-1 Industrial zoning. This condition is very rare if non-existent in Portage where R1-C zoning is directly across from business or light industrial. Rather than an R1-C, which carries one of the highest zoning lot and home size requirements. an R1-B zoning is much better planning and would provide a transition buffer zoning at the entrance to the second phase. This would allow for the slightly reduced R1-B lots to lead to the larger R1-C parcel to the west in future phases
- 2)With high unemployment our area has lost high paying tech and white collar jobs. Typically the group that would afford the larger homes built in an R1-C area.
- 3)As the stimulus program expires in June- interest rates could rise over the next year. Homebuyers may have to reduce their price range of prospective homes.
- 4)With the current financial disaster our country is going through, trillions of dollars have left the system, never to be seen again. This will have a huge impact on decisions made for housing. Leaders in the industry and current trends are showing people will be looking for smaller, high quality, more efficient homes along with smaller yards to maintain. People will be living with less.
- 5)Tighter lending standards make it more difficult to get larger mortgages with less down, forcing homebuyers to buy smaller homes and borrow less.
- 6)Declining market values. Our experience in Oakland Farms I is that new homes being built are not appraising at sale price. This is forcing us to build as efficiently as possible fearing that building larger homes would be even more difficult to keep costs in line with the market values. Even though market values have gone down it still costs the same to build a new home as it did 3 years ago. In certain cases material costs have gone up.

7) Moving from the southerly plat of Maestro Acres, which is R-1B, north, the current zoning map shows I-1, then R1-T then F-1C. It makes for better planning to have a transition from R1-T to R1-B then to R1-C. Not the smallest zoning next to one of largest.

Thank you for your consideration regarding this matter.

Respectfully Submitted,



Dan Martz

Bob Shave

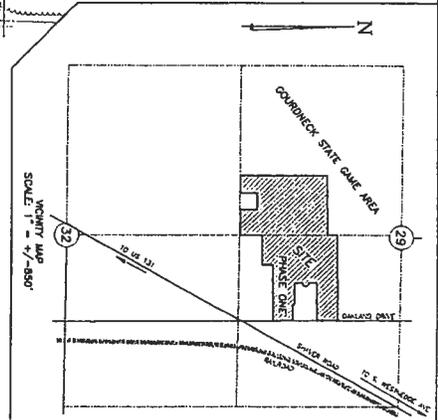
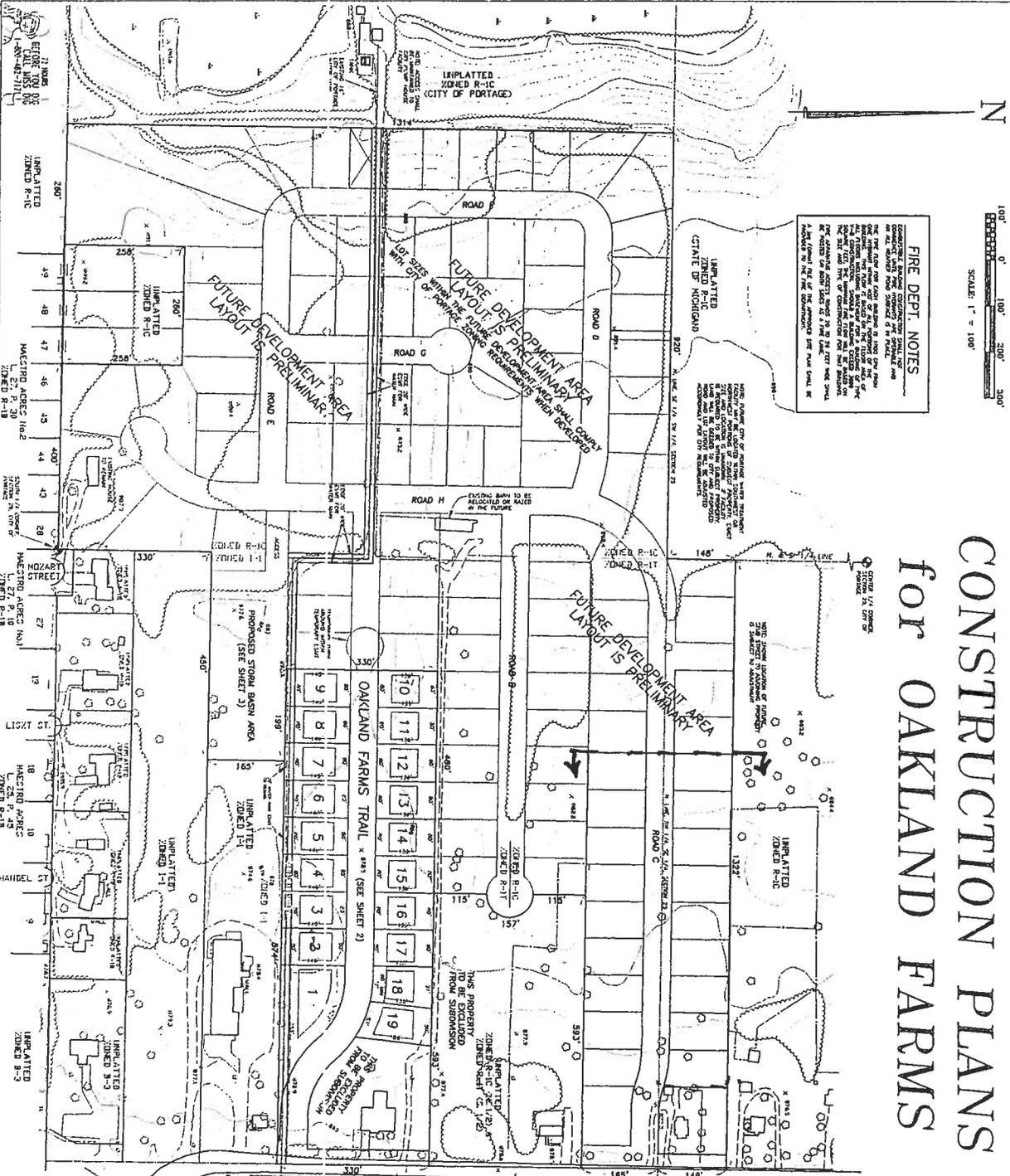
Hyland Associates, L.L.C.

CONSTRUCTION PLANS for OAKLAND FARMS



FIRE DEPT. NOTES

CONSTRUCTION OF FIRE DEPARTMENT SHALL BE IN ACCORDANCE WITH THE CITY OF PORTAGE FIRE DEPARTMENT ORDINANCES. THE FIRE DEPT. HAS REVIEWED THE CONSTRUCTION PLANS AND HAS DETERMINED THAT THE PROPOSED CONSTRUCTION IS IN ACCORDANCE WITH THE CITY OF PORTAGE FIRE DEPARTMENT ORDINANCES. THE FIRE DEPT. HAS REVIEWED THE CONSTRUCTION PLANS AND HAS DETERMINED THAT THE PROPOSED CONSTRUCTION IS IN ACCORDANCE WITH THE CITY OF PORTAGE FIRE DEPARTMENT ORDINANCES. THE FIRE DEPT. HAS REVIEWED THE CONSTRUCTION PLANS AND HAS DETERMINED THAT THE PROPOSED CONSTRUCTION IS IN ACCORDANCE WITH THE CITY OF PORTAGE FIRE DEPARTMENT ORDINANCES.



- NOTES**
- 1) PROPOSED PLANS FOR OAKLAND FARMS SHALL BE IN ACCORDANCE WITH THE CITY OF PORTAGE ZONING ORDINANCES AND THE CITY OF PORTAGE SUBDIVISION ORDINANCES.
 - 2) THE PROPOSED PLANS FOR OAKLAND FARMS SHALL BE IN ACCORDANCE WITH THE CITY OF PORTAGE ZONING ORDINANCES AND THE CITY OF PORTAGE SUBDIVISION ORDINANCES.
 - 3) THE PROPOSED PLANS FOR OAKLAND FARMS SHALL BE IN ACCORDANCE WITH THE CITY OF PORTAGE ZONING ORDINANCES AND THE CITY OF PORTAGE SUBDIVISION ORDINANCES.
 - 4) THE PROPOSED PLANS FOR OAKLAND FARMS SHALL BE IN ACCORDANCE WITH THE CITY OF PORTAGE ZONING ORDINANCES AND THE CITY OF PORTAGE SUBDIVISION ORDINANCES.
 - 5) THE PROPOSED PLANS FOR OAKLAND FARMS SHALL BE IN ACCORDANCE WITH THE CITY OF PORTAGE ZONING ORDINANCES AND THE CITY OF PORTAGE SUBDIVISION ORDINANCES.

- SHEET INDEX**
- 1) COVER SHEET
 - 2) STREET PLAN & PROFILE
 - 3) GRADING AND EROSION CONTROL PLAN
 - 4) CONSTRUCTION DETAILS & NOTES
 - 5) CONSTRUCTION DETAILS & OAKLAND DRIVE

PLAT ZONING INFORMATION:

THE CITY OF PORTAGE ZONING ORDINANCES ARE AS FOLLOWS:

R-1C: SINGLE-FAMILY RESIDENTIAL

R-1B: SINGLE-FAMILY RESIDENTIAL

B-2: BUSINESS

OWNER/APPLICANT:

HYLAND ASSOCIATES, LLC
7545 SOUTH 10th STREET
KALAMAZOO, MI 49009
(269) 207-2239

OWNER/APPLICANT:

Ingersoll, Watson & McClachen, Inc.
OPERATING ENGINEERS AND ARCHITECTS
120 East Edison Road - P.O. Box 1000 - Portage, MI 49782

DATE: 4/18/2006
SCALE: 1" = 100'
SHEET: 1
PROJECT: OAKLAND FARMS

Ingersoll, Watson & McMachen, Inc.

CONSULTING CIVIL ENGINEERS AND LAND SURVEYORS

RECEIVED

MAR 5 8 2010

March 5, 2010

35067

COMMUNITY DEVELOPMENT

PARCEL DESCRIPTION

for

PROPOSED REZONING

A parcel of land situated in the Southeast quarter of Section 29, Town 3 South, Range 11 West, City of Portage, Kalamazoo County, Michigan, being more particularly described as follows:

Commencing at the South quarter corner of Section 29, Town 3 South, Range 11 West, City of Portage, Kalamazoo County, Michigan; thence S. $89^{\circ} 47' 20''$ E. 1325.64 feet along the South line of the Southeast quarter of said Section to the East line of the West half of said Southeast quarter; thence N. $00^{\circ} 04' 14''$ E. 1327.70 feet along said East line of the West half of the Southeast quarter to the Place of Beginning; thence N. $89^{\circ} 55' 46''$ W. 124.64 feet perpendicular with said East line; thence Northwesterly 54.92 feet along the arc of a curve to the right having a radius of 170.00 feet, a central angle of $18^{\circ} 30' 31''$ and a chord of N. $80^{\circ} 40' 30''$ W. 54.68 feet; thence Northwesterly 2.38 feet along the arc of a reverse curve to the left having a radius of 230.00 feet, a central angle of $00^{\circ} 35' 38''$ and a chord of N. $71^{\circ} 43' 04''$ W. 2.38 feet; thence N. $00^{\circ} 04' 14''$ E. 138.59 feet parallel with said East line to the South line of the North 16.50 feet (perpendicular measure) of the South 5 acres of the Northwest quarter of said Southeast quarter according to the Government survey thereof; thence N. $89^{\circ} 49' 11''$ W. 720.00 feet along said South line; thence S. $00^{\circ} 10' 49''$ W. 314.94 feet perpendicular with said South line to the North line of the South 5 acres of the North 10 acres of the Southwest quarter of said Southeast quarter according to the Government survey thereof; thence S. $89^{\circ} 48' 46''$ E. 901.48 feet along said North line to said East line of the West half of the Southeast quarter; thence N. $00^{\circ} 04' 14''$ E. 167.26 feet along said East line to the Place of Beginning. Containing 5.91 acres of land. Parcel is subject to highway easement for Oakland Drive. Parcel is subject to easements, restrictions and conditions of record.



5.91 ACRES

PLACE OF
BEGINNING

TO: Planning Commission

DATE: March 25, 2010

FROM: Jeffrey M. Erickson, Director of Community Development

SUBJECT: FY2010-2020 Capital Improvement Program

Attached is a draft transmittal from the Planning Commission to the City Council regarding the FY2010-2020 Capital Improvement Program (CIP). Subject to any further discussion involving the CIP, the Planning Commission is advised to recommend the FY2010-2020 Capital Improvement Program be approved.

Attachment: Planning Commission transmittal dated April 2, 2010

s:\2009-2010 department files\board files\planning commission\pc reports\2010 03 25 cip pc cc recomend.doc

 **DRAFT**

To: Honorable Mayor and City Council

From: Portage Planning Commission

Date: April 2, 2010

Subject: City of Portage Fiscal Year 2010-2020 Capital Improvement Program

The Planning Commission has thoroughly reviewed the proposed Fiscal Year 2010-2020 Capital Improvement Program (CIP), which is a comprehensive municipal budget and planning document that contains important capital projects to maintain and enhance the health and livability of the community. In order to reflect changes in community needs, service requirements, availability of funding, among other factors, the CIP is annually prepared by the City Administration and presented to the Planning Commission for review and recommendation to City Council.

The Planning Commission remains cognizant of the very weak local, state and national economies and appreciates the efforts of the City Administration, as outlined in the letter from City Manager Evans, to meet the most important capital improvement needs of the community. City staff are again to be commended for their diligence, forethought and ability to work together to produce a quality document that continues to make Portage “*A Place for Opportunities to Grow.*”

The Planning Commission carefully reviewed the Fiscal Year 2010-11 CIP that was presented at the March 4 meeting and considered at the March 18 and April 1, 2010 meetings and, in particular, the eight project categories, multiple projects profiles and related information. The Planning Commission voted unanimously to recommend the first year budget to the City Council, and conceptually supports the remaining nine, out-year, or planning level projections.

If the City Council needs additional information related to the Fiscal Year 2010-20 CIP and this recommendation, please advise the Planning Commission.

Sincerely,

CITY OF PORTAGE PLANNING COMMISSION

Thomas A. Fox
Chairman

Attachments: March 4 and 18 and April 1, 2010 Planning Commission meeting minutes

TO: Planning Commission

DATE: March 25, 2010

FROM: Jeffrey M. Erickson, Director of Community Development

SUBJECT: Charter Township of Comstock, 2009 (5-Year) Update to 2015 Land Use Plan

Attached is a notice from the Charter Township of Comstock Planning Commission together with a copy of the 5-Year Charter Township of Comstock, 2009 to the 2015 Land Use Plan Update. Per the Michigan Planning Enabling Act, Comstock Township has provided a copy of the Plan to all contiguous communities and other required agencies requesting cooperation and comment. The contiguous communities and agencies have 63 days to review the draft and provide any comments.

The Land Use Plan Update includes an updated *Demographic Analysis* section, a review of *Public Participation/Goals & Objectives* by land use category, updated *Future Land Use Plan* section and map and a revised *Implementation* section. The land use goals identified by the Planning Commission and residents of Comstock Township focus on the following:

1. Preserve agricultural and horticultural land within the Township where appropriate to assist those business interests;
2. Provide a variety of housing options in order to meet the present and future needs of Comstock Township based upon its location within the larger Kalamazoo Battle Creek metropolitan area;
3. Provide opportunities for entrepreneurship and access to a range of goods and services within the Township;
4. Maximize the marketability and employment potential of existing industrial areas within the Township;
5. Protect sensitive open space areas and special natural resources inside and outside of areas coming under development; and
6. Utilize the planning process to initiate coordinated capital improvement programming (CIP) between the Planning Commission, Township and other jurisdictions, including project with the State MDOT and County Road Commission.

Staff has reviewed the Plan update and has not identified any areas that may affect the City of Portage. The Planning Commission is advised to receive the Charter Township of Comstock, 2009 (5-Year) Update to 2015 Land Use Plan Master Plan. Any Commission comments will be forwarded to the Comstock Township Planning Commission for consideration.

Attachment: Notice from Comstock Township Planning Commission (received March 10, 2010)
Charter Township of Comstock, 2009 (5-Year) Update to the 2015 Land Use Plan

s:\commdev\2009-2010 department files\board files\planning commission\pc reports\charter township of comstock - land use plan update (pc memo).doc

COMSTOCK TOWNSHIP PLANNING COMMISSION

NOTICE OF TRANSMITTAL OF PROPOSED UPDATED LAND USE PLAN

Enclosed is a copy of a proposed updated Comstock Charter Township Land Use Plan. In accordance with Section 41 of the Michigan Planning Enabling Act (MCL 125.3841), the enclosed is being submitted to you for review and comment. In accordance with the aforementioned Act, any written comment that you wish to make with respect to this proposed Plan should be submitted to the Comstock Township Planning Commission within 63 days from the submission of this Notice to you. Please direct any such written comments to:

Comstock Charter Township Planning Commission
Att: Anna L. Goodsell, Clerk
Comstock Charter Township Hall
6138 King Highway
P. O. Box 449
Comstock, Michigan 49041

If you have any questions, please feel free to contact Anna L. Goodsell, Clerk at 269-381-2360.

CHARTER TOWNSHIP OF COMSTOCK PLANNING COMMISSION

By: Pat Krause, Secretary

RECEIVED

MAR 10 2010

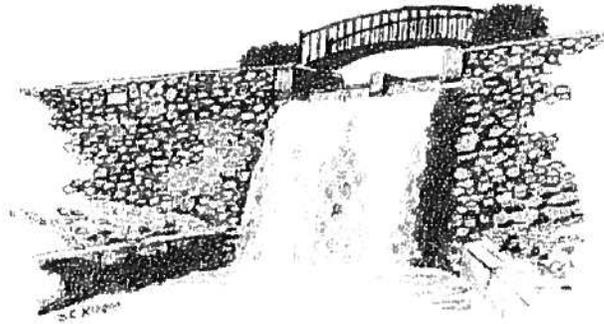
COMMUNITY DEVELOPMENT

CHARTER TOWNSHIP OF COMSTOCK

2009 (5-YEAR) UPDATE

TO THE

2015 LAND USE PLAN



This 5-Year Update was adopted by the Comstock Township Board of Trustees on _____ following public hearing and approval by the Comstock Township Planning Commission on _____.

TABLE OF CONTENTS

The following reflects the incorporation of updates with the original 2015 Plan which was adopted in 2001. Updated elements are reflected by an (X).

	<u>2015 Plan (2001)</u>	<u>(2004 Update)</u>	<u>(2009 Update)</u>
I. Introduction	X	X	X
II. Demographic Analysis	X		X
III. Geographic Profile	X		
IV. Existing Land Use & Zoning	X		
V. Community Facilities	X		
VI. Public Participation (Goals)	X		X
VII. Future Land Use Plan	X	X	X
VIII. Implementation	X		X

I. Introduction

This 2009 (5-year) Update to the Comstock Township 2015 Land Use Plan reflects the intent that this will be the final update until a new “Master Plan” is developed and approved following release of the 2010 Census. The process for this review and update will follow the more recently enacted Michigan Planning Enabling Act, P.A. 33 of 2008. This Act has expanded the potential scope of undertaking a new Master Plan, with this generally based upon the same outline within the 2015 Land Use Plan but with an expanded section on community facilities and capital improvement programming (CIP).

The last 5-Year Update, completed and adopted in late 2004, was intended to serve as a stand-alone document for purposes of marketing and better defining compatibility between the Land Use Plan designations and the Zoning Districts. Within this “Zoning Plan” the “Planning Commission reduced the number of the land use designations to reflect a more generalized plan, allowing for a wider scope and reducing the need for plan amendments in support of some requests for rezoning”. This last update was focused on whether the capacity of the current plan supported potential demand from a larger than expected population increase between 1990 (11,834 persons) and 2000 (13,851 persons). This 17% increase was used as a basis for reviewing each land use designation, including potential for expanded economic development within the commercial and industrial areas, and the potential for new residential development. It was also intended that the Plan should support continued agricultural and horticultural operations in the Township by retaining larger contiguous areas that would be less impacted by this new residential development.

As this 2009 Update is written, economic conditions within the State, the United States and the World in general may influence the direction taken in this planning process. It is likely that the last (2004) 5-year Update, with a focus on increased development capacity, may allow for build-out scenarios that are no longer anticipated or even desired. It should be emphasized that a Master Plan is intended to serve as a 20-year development projection and that the Future Land Use element corresponds to the how this population is supported by land use decisions. Thus, this 2009 Update will incorporate an updated *Demographic Analysis*, a review of the *Goals & Objectives*, a possible reduction in the capacity for growth reflected in the *Future Land Use Plan* (2004 Update), and a new list of potential recommendations that may come from Plan *Implementation*.

II. Demographic Analysis

The following analysis is based upon characteristics of Comstock Township regarding population and housing as determined by the U.S. Census. Comparisons are based upon similar characteristics for surrounding communities and Kalamazoo County as a whole.

Population

These statistics provide the foundation for existing and past development in the area and are utilized for purposes of projecting future population. The State of Michigan provides annual estimates of population following the completion of each (decade) census and this data can be compared with county and local data, such as building permits, in order to track population change within a community in between these 10-year time periods. This data is often inconsistent with the ultimate data presented in the Census and is not considered as accurate for purposes of projecting future population.

TABLE 1-POPULATION/ %CHANGE

COMMUNITY	1960	1970	1980	1990	2000
COMSTOCK TOWNSHIP	8,702 -----	10,465 (20.3%)	11,162 (6.7%)	11,834 (6.0%)	13,851 (17.0%)
Charleston Township	2,059 -----	2,687 (30.5%)	1,748 (-34.9%)	1,776 (1.6%)	1,813 (2.1%)
Kalamazoo Township	20,166 -----	22,301 (10.6%)	20,942 (-6.1%)	20,976 (0.2%)	21,675 (3.3%)
Pavilion Township	2,575 ----	3,691 (43.3%)	4,811 (30.3%)	5,500 (14.3%)	5,829 (6.0%)
Richland Township	2,574 ----	3,728 (44.8%)	4,677 (25.5%)	5,099 (9.0%)	6,491 (27.3%)
City of Galesburg	1,410 -----	1,355 (-3.9%)	1,822 (34.5%)	1,863 (2.3%)	1,988 (6.7%)
City of Kalamazoo	82,089 ----	85,555 (4.2%)	79,722 (-6.8%)	80,277 (0.7%)	77,145 (-3.9%)
Kalamazoo County	169,712 -----	201,550 (18.8%)	212,378 (5.4%)	223,411 (5.2%)	238,603 (6.8%)

The most significant number associated with Comstock Township in Table 1 is the substantial increase in population between 1990 and 2000 in relation to the surrounding units of government. With the exception of Richland Township to the north, which gained almost 1,400 persons (27.3%), the increase of over 2,000 residents in Comstock Township well exceeded growth rates in the surrounding area. Pavilion Township to the south increased by 6% (300+ persons), Charleston Township to the east increased by approximately 2% (less than 50 persons) and Kalamazoo Township to the west increased by approximately 3% (700 persons). The City of Galesburg (east edge of Township) gained over 100 residents while the City of Kalamazoo (west edge of Township) lost almost 3,000 residents between 1990 and

2000. This trend indicates a continued transition of residents in the County to the east of the Cities of Kalamazoo and Portage into more rural areas, still in close proximity to commercial services and access to the I-94 corridor. A similar growth pattern has occurred to the west into both Oshtemo and Texas Townships.

TABLE 2- AGE BREAKDOWN

COMMUNITY	% UNDER 20	% 65 AND OVER	MEDIAN AGE
COMSTOCK TOWNSHIP	29.1%	11.8%	36.8
Charleston Township	27.9%	12.8%	40.3
Kalamazoo Township	25.2%	14.9%	33.1
Pavilion Township	30.9%	9.3%	36.2
Richland Township	31.5%	9.9%	38.1
City of Galesburg	30.6%	12.7%	32.7
City of Kalamazoo	29.5%	10.1%	26.1
Kalamazoo County	28.7%	11.4%	32.7

Table 2 provides for a generalized comparison, with the higher percentages below age 20 reflecting the influence of families with children and the percentages 65 and over indicating more transition into senior housing alternatives. More specific age groupings provided for in the Census (*but not presented in the above table*) often reflect that Townships in general lose population within the 20-24 age group based upon continuation of education, relocation for employment or to seek more affordable housing as part of living independently for the first time. Comstock Township reflects a consistent pattern with the County as a whole, while adjoining Kalamazoo Township has lower percentages under 20 and higher percentages 65 and over, which would typically equate to a higher median age. Yet, in this case, a closer look reveals a very high percentage of young adults (25 to 34) who may seek more affordable housing alternatives, whether in apartments or as first time homebuyers. Those 65 and over may also seek additional services not offered within the Township, resulting in higher percentages of that population group residing within cities. For Comstock Township, this data reveals a maturing population, yet one still more closely aligned to child bearing years with the highest interval percentages in the 35 to 44 and 45 to 54 categories. This will likely result in a stabilized population base with continued benefit from a wide range of housing alternatives.

Housing

These 2000 Census statistics reflect the number of housing units and the makeup of households or occupied housing units. Table 3 identifies the number of housing units, the total occupied units (households) and the percentage breakdown of owner and renter units. This provides a general impression of the overall housing market and serves as the foundation for the household and family makeup within the community.

TABLE 3 – HOUSING UNITS

COMMUNITY	# OF UNITS	# OCCUPIED (%)	OWNER (%)	RENTER (%)
COMSTOCK TOWNSHIP	5,601	5,366 (92%)	3,975 (74%)	1,391 (26%)
Charleston Township	708	679 (96%)	625 (92%)	54 (8%)
Kalamazoo Township	9,856	9,349 (95%)	6,392 (68%)	2,957 (32%)
Pavilion Township	2,253	2,114 (94%)	1,966 (93%)	148 (7%)
Richland Township	2,635	2,394 (91%)	1,945 (81%)	449 (19%)
City of Galesburg	811	765 (94%)	514 (67%)	251 (33%)
City of Kalamazoo	31,798	29,413 (93%)	14,027 (48%)	15,386 (52%)
Kalamazoo County	99,250	93,479 (94%)	61,458 (66%)	32,021 (34%)

Comstock Township reflects a generally diverse and balanced housing market with the percentage of total occupied units consistent with that for the County as a whole. The lower the percentage of owner occupied units reflects a more urban setting while the higher percentage (such as in Pavilion Township to the south or Charleston Township to the east) reflects a more rural setting with fewer rental units based upon the availability of public utilities in support of such development. Comstock Township fits into the middle of that scenario, providing for both larger single family homes and/or home-sites and greater expansion of rental opportunities and supporting commercial development, such as along the Gull Road corridor.

Occupied housing units, herein after referred to as households, provide further definition of the market, with these initially divided into categories of family and non-family households. Family households include married couples and single parents with children under 18 years of age. Non-family households are primarily those living alone. The data in Table 4 reflects the makeup of these households, with traditional family households and married couple households providing for the most housing stability based upon school age children and/or the presence of two-income sources to support the housing expense.

TABLE 4 – HOUSEHOLD MAKEUP

COMMUNITY	Family (%)	Non-Family (%)	Married (%)	Avg. Family Size
COMSTOCK TOWNSHIP	71.0%	29.0%	57.0%	3.04
Charleston Township	78.6%	21.4%	68.5%	2.98
Kalamazoo Township	57.1%	42.9%	42.4%	2.89
Pavilion Township	77.8%	22.2%	63.4%	3.08
Richland Township	79.3%	20.7%	67.0%	3.04
City of Galesburg	64.2%	35.8%	41.4%	2.98
City of Kalamazoo	48.8%	51.2%	30.6%	2.99
Kalamazoo County	62.0%	38.0%	47.7%	3.00

The data presented in Table 4 identifies Comstock Township households as primarily married-couple families with the percentage (57%) generally between the totals for more urbanized Kalamazoo Township (42%) and less urbanized Charleston (69%) and Richland (67%) Townships. The average family size is very consistent for all units of government, reflecting that family size is no longer linked to traditional differences between large lot residential development in rural areas and smaller lot residential or attached unit accommodations in more urban areas of the County.

With the focus on directing new residential development into preferred locations in the Township, a brief snapshot of the most current residential building permit activity is provided in Table 5. This summary, from 2002-2008, provides better insight into the activity associated with residential development trends. As presented, it is clear that residential development activity expanded and then peaked in 2004 and then gradually declined in 2005 and 2006, before a more abrupt decline in 2007 and 2008. The makeup of this residential activity is then listed by zoning district in Table 6. As presented, it is clear that most activity has occurred in the R-1A District, followed by the AGR District and the R-1B and R-1C Districts. Thus, the intent of supporting agricultural preservation with allowance for land division activity on larger lots in the AGR District appears to be supported by the data. In addition, the Future Land Use Plan designation of Low Density Residential, most consistent with this R-1A District, provides the primary support for new residential development in the Township.

TABLE 5-NEW RESIDENTIAL BUILDING PERMIT UNITS SUMMARY

FROM 2002 THROUGH 2008		
Year*	TOTAL NUMBER OF UNITS	New Residential Units
		(\$Value)
2002	67	\$ 10,782,010.00
2003	87	\$ 13,224,968.00
2004	108	\$ 14,930,135.00
2005	78	\$ 12,662,862.00
2006	59	\$ 8,943,928.00
2007	25	\$ 4,496,147.00
2008	27	\$ 5,552,382.00
TOTAL(S)	451	\$ 70,592,432.00

**TABLE 6 -NEW RESIDENTIAL BUILDING PERMIT UNITS
By Districts**

YEAR	ZONING DISTRICTS										
	AGR	A-H	R-1A	R-1B	R-1C	RM	RMH	RSM	B-2	B-3	LM
2002	17	1	40	9	0	0	0	0	0	0	0
2003	16	0	62	7	0	0	1	0	1	0	0
2004	14	0	89	4	0	0	0	0	0	0	1
2005	16	0	58	2	0	1	0	0	0	0	1
2006	9	0	26	2	22	0	0	0	0	0	0
2007	5	1	17	0	2	0	0	0	0	0	0
2008	2	0	22	0	3	0	0	0	0	0	0
Sub-totals	79	2	314	24	27	1	1	0	1	0	2
TOTAL	451										

THE FOLLOWING DISTRICTS HAD NO ACTIVITY FOR THIS REPORT; RSM, O-1, B-1, B-3, LD, M AND OW

Projection of Future Population

There are numerous methods of conducting population projections but they can be categorized in primarily two ways. One category focuses on the natural increase in population associated with the number of births exceeding the number of deaths. An often used method is the “cohort-survival” method, using the age/sex breakdown for that community and projecting: a) the number of potential births from the base of females in the 15 to 44 “fertility” age range; and b) the number of anticipated deaths based upon average life expectancy. This method is most often based on the current census of population.

The second category relates to the net population increase associated with the in-migration of people into the community minus the out-migration that may occur. This becomes much more difficult to calculate. Adding this projection to the natural increase, sometimes referred to as the “cohort-component” method, provides for both categories to be utilized in one projection.

Another approach blends the two categories and simply uses the pattern over the past to project the future population. Using this “growth rate” method to project future population tends to remove the fluctuations from economic related cycles that may influence a 10-year period.

Using the increase in population over the last twenty years (an increase of 2,689 persons or 24%), a number of assumptions have been made to project population over the next twenty (20) years. These assumptions focus on the natural increase (birth/death ratio) associated with the age of residents as well as the potential for growth through in-migration from adjoining communities:

- A. The age breakdown of residents within Comstock Township (Table 2) reflects a higher percentage of residents under age 20 and a lower percentage of residents age 65 and over than that for Kalamazoo Township but not for Richland Township. Based upon this, it is likely that natural increase in population will occur at a faster pace for Comstock Township over that for Kalamazoo Township but at a slower pace than that for Richland Township.
- B. Growth will likely occur based upon location along the I-94 corridor between Battle Creek and Kalamazoo. Industrial development on the western edge of Battle Creek (Ft. Custer), in Charleston Township and in Comstock Township itself, supports the potential for residential growth in close proximity to these employment locations.

TABLE 7 - POPULATION PROJECTIONS

METHOD: “Growth Rate” using past population change over the last twenty year period (1980-2000) for Comstock Township as the basis for future increase. (See Table 1 for specific statistics utilized within this projection).

	<u>1980</u>	<u>1990</u>	<u>2000</u>	<u>Total</u>	<u>Percentage</u>
COMSTOCK TOWNSHIP	11,162	11,834	13,851	2,689	24%

Beginning from the base population of 13,851 in 2000 and extending this over the next 20 years using the same percentage increase (24%) establishes a 20-year projected population of 3,324 new residents, resulting in a 2020 total of 17,175. Dividing this into four equal 5-year increments results in approximately 831 new residents every 5 years as follows:

	<u>2005</u>	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>Percentage</u>
COMSTOCK TOWNSHIP	14,682	15,513	16,344	17,175	24% (2000)

Using these 5-year increments would allow for review and update every five years, with estimates from the State of Michigan and building permit data utilized for comparison purposes. Based upon the substantial housing unit development in the first five year increment (Table 6), it is likely that the population in 2005 was higher than that shown. Reduced economic activity has likely slowed this down in the next 5-year increment to a number closer to that shown for 2010. Continued modest growth may also allow the Township to consider the preservation of more land within the Agricultural land use designation or support no increase in the amount designated Low Density Residential.

VI. Public Participation/Goals & Objectives

This 2009 (5-year) Update to the Comstock Township 2015 Land Use Plan includes a review of the prior input received by the public leading to the development of goals and objectives by land use category. These are evaluated based upon progress that has been completed or direction that is no longer supported. In most instances, the larger goals reflect the ongoing intent supported by the Plan in terms of Future Land Use:

A. AGRICULTURE

- **Goal: *Preserve agricultural and horticultural land within the Township where appropriate to assist those business interests.***

Objectives:

- Conserve such land in contiguous parcels by limiting spot conversions (i.e. rezoning) to other uses.
- Modify the Zoning Ordinance to include techniques that may assist in supporting this preservation goal.
- Limit and discourage the extension of water and sewer service into these areas.
- Promote “best management practices” for agricultural land use in order to protect farmland fertility and mitigate the environmental impacts associated with agricultural activities.

B. RESIDENTIAL

- **Goal: *Provide a variety of housing options in order to meet the present and future needs of Comstock Township based upon its location within the larger Kalamazoo Battle Creek metropolitan area.***

Objectives:

- Coordinate the development and density of housing with the plans and timetable for infrastructure improvements in those areas.
- Promote and encourage the concept of traditional neighborhoods, with opportunities for mixed use, smaller lots and pedestrian/non-motorized access to parks and open space areas.
- Encourage the use of Planned Unit Development and other zoning techniques that allow for the clustering of housing balanced by the preservation of open space.

- Promote and encourage PUD and cluster housing that will encourage the conservation of open space, natural resources, and other environmentally sensitive areas.
- Coordinate recreation efforts through the Parks Commission and provide assistance with ensuring eligibility for federal or state funding of park facilities.

F. TRANSPORTATION, UTILITIES & PUBLIC SERVICES

- ***Goal: Utilize the planning process to initiate coordinated capital improvement programming (CIP) between the Planning Commission, Township and other jurisdictions, including projects with the State MDOT and County Road Commission.***

Objectives:

- Undertake an annual review of projects and determine whether such projects may lead to consideration of possible amendments to the Master Plan.
- Obtain assistance from the State MDOT on establishing access management plans for all state trunklines running through the Township.
- Consider possible amendments to the Township's Subdivision and Site Condominium Ordinance related to extension of public utilities and the provision for public and private roads.

VII. Future Land Use Plan

General Design and Use of the Plan

This is the Future Land Use Plan for the Charter Township of Comstock. This Plan covers ~~22,567~~ **22,563** acres of land in the Township and does not include that portion of the City of Galesburg located within the natural Township boundary. The Plan should be used as a guide for future development and decisions concerning land use. Where existing patterns of development and land use are appropriate, growth of the same type of land use should be encouraged. Where existing land use is incompatible, the intent will be to support the use of open space (buffers) during traditional zoning processes such as site plan review.

In like manner, where growth and development are not appropriate because of unsuitable soils for building site development or some other social or environmental factors, the growth should be discouraged or controlled. For example, new residential development should be discouraged from locating in areas of the Township where flooding frequently occurs. It is possible and sometimes prudent to purposefully alter land use patterns, particularly when a land use conflict exists. However, in other situations it is practical to adapt to existing conditions and work with them within certain parameters. For example, a community cannot tear down a string of buildings overnight just because the Planning Commission decides it would rather see the land used for a different purpose. However, such change can occur gradually within the context of certain planning guidelines. A Land Use Plan is such a guideline to encourage and discourage growth and change in the appropriate directions.

This Plan takes into account probable growth patterns in the future for Comstock Township for residential, business, and other forms of development. It is also designed to promote compatible land use patterns and to maintain the rural and agricultural characteristics of the community. This Plan has been developed through the combined efforts and input of the Comstock Township Planning Commission, the Comstock Township Board of Trustees, input received from adjoining units of government and Kalamazoo County and the

area, an area west of Morrow Lake (utilized for horticultural and greenhouse use), and a large area in the southeastern portion of the Township.

The majority of the agricultural land in the Township is actively being utilized for agricultural purposes or for large lot residential development, and the Planning Commission is sensitive to the protection of such land. The Land Use Plan, then, reflects the preservation of this land for agricultural and very low density residential purposes. The “AGR” and “AH” zoning districts would be considered most compatible with the intent of this designation.

2) Low Density Residential

This is the principal single family residential land use category for Comstock Township. It includes single family detached housing within traditional plats or within newer residential site condominium developments. The density of such development is considered between one (1) and three (3) units per acre. Almost one third (1/3) of the total land area in the Township has been designated for this land use.

This land use category is typically located in areas where some transition is needed between agricultural areas and more intensive development, including medium density residential. Based upon the type of growth occurring in the Township (primarily single family housing), this land use category has been expanded to be the largest land area within the plan.

Areas designated include the northern tier, with G Avenue, H Avenue and East Main as the primary access, and the southern tier south of I-94 along ML Avenue. As growth occurs easterly toward Battle Creek, development pressure for single-family housing in those areas will continue.

Generally, the intent of this designation will be to support continued single family development in areas zoned for such use. While the “R-1A” District is defined as most compatible, both the “AGR” (lower intensity) and “R-1B” (higher intensity) provide levels

whether such zones are consistent with the intent of the plan. The “RM”, “RSM”, and “RMH” Zoning Districts are generally consistent with this designation, provided that land contiguous to a requested rezoning is of the same zoning classification.

4) Commercial

The commercial land use category consists essentially of commercial, retail and service establishments designed to meet the day-to-day needs of nearby residents along with passing motorists. These uses are characterized by large land areas containing a few large establishments or several small to medium-sized establishments situated near freeways, major thoroughfares, and major intersections. Adequate on-site parking for each establishment is a necessary component of this category. A large proportion of the land use is located in the northwest area of the Township along both sides of Gull Road. This area is presently developed with several large commercial establishments offering a variety of retail goods and services to Township residents as well as to the residents of the surrounding communities. This is a rapidly growing area of the Township with new residential development occurring along with new commercial development.

The other commercial land areas in the Township are generally smaller in size and include an area on the west end of East Main Street, several separate areas along East Michigan Avenue (M-96), the Comstock Village/River Street area, areas along the west end of ML Avenue (Sprinkle Road strip), an area at the northeast corner of N Avenue and 29th Street, and an area surrounding the 35th Street and I-94 interchange. A substantial proportion of these smaller commercial land use areas are also presently developed with a variety of commercial and service establishments the majority of which are focused upon meeting the shopping needs of the surrounding neighborhoods. The commercial acreage that is designated on the Plan is interpreted to be sufficient to serve the anticipated population growth for the Township. The “O-1”, “B-1”, “B-2” and “B-3” Districts are considered most compatible with this land use designation.

Over 10% the total land area has been allocated for Open Space in this Plan. Such uses are located in the northwest corner of the Township south of G Avenue, including the land area located to the south, east and west of Campbell Lake. This area includes a natural drainage way, connecting the lake areas through a tributary system that feeds into the Kalamazoo River. The largest area is that along both sides of Morrow Lake and includes the River Oaks Park facility. ***Additional land has been included within this designation through ownership by the Southwest Michigan Land Conservancy.***

7) Other

The balance of the land use in Comstock Township consists of the lakes and other water bodies that encompass approximately 6% of the total land use, and roads and rights-of-way which encompass an additional 6% of total land area. The only category of these that would increase in acreage from the previous Land Use Plan is the roads and rights-of-way category. This increase would be the result of the extension and development of new public and private roads connected with urban development such as the K Avenue extension and proposed Midlink business park improvements.

Summary

In developing this Land Use Plan, the Planning Commission of the Township of Comstock has given substantial consideration to meeting the needs of the residents and other property owners in the community. The Plan allows for residential and commercial/industrial growth to occur in an organized manner and in appropriate locations in the community, while avoiding land use conflicts which can cause degradation of property values and integrity. Emphasis is placed on preserving the active and "sensitive" agricultural lands as well as open space land areas, and on promoting single family residential and business development efforts. However, attention is also given to alternative housing forms including mobile and modular homes, duplexes, townhouses, and multiple family housing complexes. An industrial category has been created in order to encourage such development within the community. Areas for recreation/park development have been preserved in the Plan to

VIII. Implementation

This final section of this 2009 Update focuses on the ability to implement the recommendations and direction defined during the planning process. The new Michigan Zoning (2006) and Planning (2008) Enabling Acts have enhanced provisions for the Master Plan serving as the foundation for the Zoning Ordinance (Zoning Plan). In addition, this may include providing assistance to the Township Board on coordination of projects through Capital Improvement Programming (CIP) or to the Parks Commission on Parks and Recreation facilities. The process also includes coordination of plans and projects with other jurisdictions including the State, county and surrounding units of government. The following objectives were listed in this plan update and have been prioritized in order to initiate and/or measure progress during the next 5-Year period or leading up to development of a new Master Plan:

A. AGRICULTURE

Objectives:

- Conserve such land in contiguous parcels by limiting spot conversions (i.e. rezoning) to other uses.
- Modify the Zoning Ordinance to include techniques that may assist in supporting this preservation goal.
- Limit and discourage the extension of water and sewer service into these areas.
- Promote “best management practices” for agricultural land use in order to protect farmland fertility and mitigate the environmental impacts associated with agricultural activities.

B. RESIDENTIAL

Objectives:

- Coordinate the development and density of housing with the plans and timetable for infrastructure improvements in those areas.
- Promote and encourage the concept of traditional neighborhoods, with opportunities for mixed use, smaller lots and pedestrian/non-motorized access to parks and open space areas.
- Encourage the use of Planned Unit Development and other zoning techniques that allow for the clustering of housing balanced by the preservation of open space.

F. TRANSPORTATION, UTILITIES & PUBLIC SERVICES

Objectives:

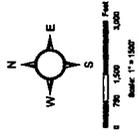
- Undertake an annual review of projects and determine whether such projects may lead to consideration of possible amendments to the Master Plan.
- Obtain assistance from the State MDOT on establishing access management plans for all state trunklines running through the Township.
- Consider possible amendments to the Township's Subdivision and Site Condominium Ordinance related to extension of public utilities and the provision for public and private roads.

Charter Township of Comstock

Kalamazoo County, Michigan

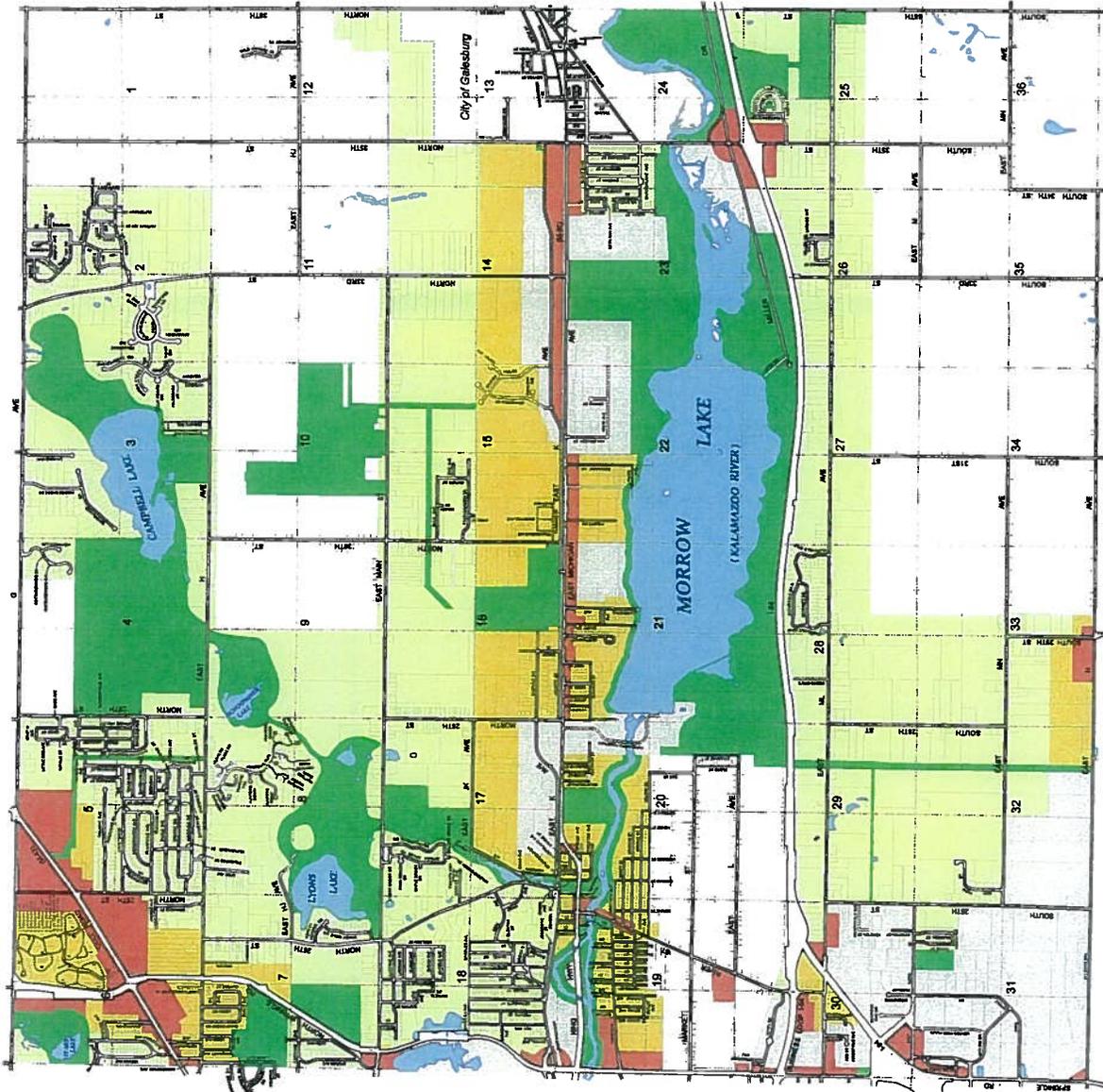
Proposed Future Land Use

Printed: February 2010



LEGEND

-  Agriculture
-  Low Density Residential
-  Medium-Density Residential
-  Commercial
-  Industrial
-  Open Space



TO: Planning Commission

DATE: March 25, 2010

FROM: Jeffrey M. Erickson, Director of Community Development

SUBJECT: 2009-2010 City Council Assigned Goals & Objectives Update (April 2010)

In November and April of every year, City Council requests that the advisory boards and commissions provide an update on progress made regarding City Council assigned work tasks (advisory boards/commissions 2009-2010 Goals and Objectives). Action by the Planning Commission is necessary.

Attached is a draft copy of the Planning Commission transmittal to City Council with the April 2010 update of progress made on assigned work tasks. The Commission is advised to review the draft communication and finalize during the April 1, 2010 meeting.

Attachments: Advisory Board communication from Deputy City Clerk dated February 26, 2010
2009-2010 Planning Commission Goals and Objectives Update (April 2010) – draft communication
City Council Advisory Boards and Commissions Approved FY 2009-2010 Goals and Objectives

S:\Commdev\2009-2010 Department Files\Board Files\Planning Commission\PC Reports\PC G&O's 2009-10 Update (April 2010).doc

CITY OF PORTAGE

COMMUNICATION

TO: Advisory Board Chairperson*

DATE: February 26, 2010

FROM: Adam Herringa, Deputy City Clerk



SUBJECT: Approved 2009/2010 City Goals & Objectives Update

Please provide updates for your 2009-2010 Advisory Board Goals and Objectives to the City Clerk Office no later than April 23, 2010. These updates will then be compiled and forwarded to City Council for review.

Please contact the City Clerk Office at (269) 329-4511 if you need assistance or further information.

- * Mark Janke, Pres., EDC/TIFA and Brownfield Redevelopment Authority
 - William Schwartz, Chair, Environmental Board
 - Mark Reile, Chair, Historic District Commission
 - Amy Tuley, Chair, Human Services Board
 - Mark Anthony Martin, Chair, Park Board
 - Thomas Fox, Chair, Planning Commission
 - James Hoppe, Chair, Senior Citizens Advisory Board

- c Maurice S. Evans, City Manager
 - Staff Liaison: Jeff Erickson, EDC/TIFA and Brownfield Redevelopment Authority
 - Christopher Barnes, Environmental Board
 - MaryBeth Block, Historic District Commission
 - Vicki Georgeau, Human Services Board
 - William Deming, Park Board
 - Chris Forth, Planning Commission ✓
 - Jason Horan, Senior Citizens Advisory Board

TO: Honorable Mayor and City Council

FROM: Planning Commission

DATE: April 1, 2010

SUBJECT: 2009-2010 Planning Commission Goals and Objectives Update (April 2010)

 **DRAFT**

Consistent with the request of City Council, this communication represents a further update on the progress made during the 2009-2010 fiscal year on assigned goals and objectives.

2009-2010 Planning Commission Goals and Objectives Update

1. *Explore neighborhood areas that might benefit from low-impact nonresidential uses by expanding home occupation regulations and/or other mixed-use options.*

During the Fall of 2009, the Planning Commission reviewed and considered an ordinance amendment that would expand the home occupation regulations contained in the Zoning Code. The proposed amendment would establish two categories of home occupations, passive and active. The passive home occupation category retains the existing Zoning Code provisions that permit a low intensity occupation as a subordinate use to the principal residential use of the property. The active home occupation category would allow more intensive home-based business activities or services subject to Planning Commission review after a public hearing and compliance with several conditions established to ensure protection of adjacent residential uses. On January 21, 2010, the Planning Commission voted unanimously to recommend to City Council that Ordinance Amendment 09-C, Home Occupation Regulations, be approved.

2. *Prioritize the three Commercial Revitalization areas and consider a revitalization program covering appropriate rezonings, public infrastructure improvements and financial assistance and incentive programs.*

The Department of Community Development is finalizing a review and analysis of the three commercial revitalization areas identified in the Comprehensive Plan. Review by the Planning Commission including efforts to address this Comprehensive Plan implementation strategy involving possible programs, improvements and incentives within the revitalization area(s) will commence later this Spring.

3. *Create a friendly walkable "downtown" City Centre Area that integrates with existing commercial/retail district along South Westnedge Avenue.*

Included in the Planning Commission recommended 2009-2010 Capital Improvement Program is a project (Public Facilities – Project 12, City Center Area Improvements) that is intended to improve lighting, pedestrian facilities and signage within the City Centre Area. Also, a City Centre Area zoning district that would implement proposals and concepts contained in the adopted 2008 City Centre Area Plan is being finalized by the Department of Community Development for consideration by the Planning Commission. The Commission anticipates being able to provide a recommendation to the City Council by the end of the fiscal year.

4. *Continue to guide development to appropriately planned areas of the community.*

The Planning Commission continues to guide development consistent with the 2008 Comprehensive Plan Update and Future Land Use Map. Additionally, the Planning Commission also continues to ensure new development projects are designed consistent with applicable ordinances through review of site plans, plats and other development proposals.

Since the last update (November 2009), the Planning Commission has reviewed/approved the following private development projects: Auto Body-Repair Shop, 9917 Portage Road; Fifth-Third Bank, 2610 East Centre Avenue; Mullins Auto Service (expansion), 9444 South Sprinkle Road; Oakland Hills Condominiums (Phase II), 8716 Oakland Drive; Portage Animal Hospital, 8037 Portage Road; Imagine Motors, 2312 Winters Drive; Group Day Care Home, 2535 Radcliffe Street; Centre Meadows Senior Apartments (height modification), 1405, 1419 and 1503 East Centre Avenue and Portage Soccer Club (seasonal fields), 8201 Cox's Drive.

5. *Consider and act appropriately upon site-specific rezonings in the context of the 2008 Comprehensive Plan and the 2008 City Centre Area Plan to encourage residential, commercial, industrial, planned development and high-tech development opportunities, as appropriate.*

Since the last update (November 2009), two rezoning applications have been received. Rezoning Application 09-01: Greenspire Planned Development, West Centre Avenue and Greenspire Drive, was recommended to City Council for approval. Rezoning Application 09-02, 9801 Oakland Drive, was received in March and is being considered by the Planning Commission.

6. *During project plan review, consider parking lot interconnection, driveway consolidation, access from adjacent local/collector street or other methods intended to improve traffic flow and safety.*

The Planning Commission continues to implement provisions of the Access Management Ordinance during site plan review to achieve ordinance objectives. Site plans approved since the last update (November 2009) that included access management related improvements and commitments include Fifth Third Bank, 2610 East Centre Avenue; Mullins Auto Service, 9444 South Sprinkle Road and Portage Animal Hospital, 8037 Portage Road.

7. *Review and recommend the annual Capital Improvement Program.*

During the March 18, 2010 meeting, the Planning Commission reviewed the proposed FY 2010-2020 Capital Improvement Program and recommended to City Council approval of the document.

8. *Annual review/update of the Major Thoroughfare Plan components of the Comprehensive Plan, where necessary.*

The 2010 Major Thoroughfare Plan Status Report was presented to the Planning Commission on April 1, 2010.

9. *Forward recommended goals for FY 2010-11 (November 2009) and update to goals for FY 2009-10 (November 2009 and April 2010).*

Attached.

If Council needs any further information, please advise.

Sincerely,

CITY OF PORTAGE PLANNING COMMISSION

Thomas Fox
Chairman

**ADVISORY BOARDS AND COMMISSIONS
APPROVED 2009-2010 GOALS AND OBJECTIVES**

ECONOMIC DEVELOPMENT CORPORATION/TIFA

1. Maintain a leadership role and active participation in encouraging a cooperative approach to economic development.
2. Evaluate and emphasize broad tax base growth.
3. Develop an infrastructure improvement and industrial park development strategy to ensure the continued strength of the central business area of the city as well as its industrial suburbs.
4. Maintain effective planning and development programs to promote orderly, attractive and environmentally sound growth.
5. Maintain the financial health of the city.
6. Continue to plan and implement cost-effective improvements to move traffic safely and effectively through the community.
7. Forward recommended goals for FY 2010-11 (November 2009) and update to goals for FY 2009-10 (November 2009 and April 2010).

ENVIRONMENTAL BOARD

1. Continue to implement the City Council approved Purple Loosestrife bio-control plan:
 - a. Release additional beetles at appropriate surveyed sites as beetle supplies are available.
 - b. Provide oversight to the work group.
 - c. Submit an annual progress report to City Council.
2. Promote general environmental awareness to the public. Possibilities include organizing Earth Day activities, increasing the use of the city's website for environmental education, published articles in the *Portager*, updating the public sign in Lakeview Park and/or collaborating with other organizations for public environmental programs.
3. Communicate with City Council on environmental issues and periodically discuss the Summary Environmental Activity report with the city staff liaison.
4. Continue to expand relationships with other environmental groups such as Kalamazoo Environmental Council, Sustainable Business Forum, Watershed Council and Portage area lake associations as time permits.
5. Forward recommended goals for FY 2010-11 (November 2009) and update to goals for FY 2009-10 (November 2009 and April 2010).

HISTORIC DISTRICT COMMISSION

1. Safeguard the heritage of the city through the exterior preservation of the historic district by evaluating and considering applications for Certificates of Appropriateness. Identify and evaluate historically significant structures in the City of Portage.
2. Increase visibility and public awareness of the Portage Historic District.
 - a. Continue to interview and transcribe select interviews with historic homeowners and other people knowledgeable about Portage's history.
 - b. Continue with book sales of *Where the Trails Crossed*.
 - c. Continue to support the historic educational programs in the Portage Schools.
 - d. Continue to have communication and cooperation with similar organizations in the local community.
3. Maintain a Library exhibit wall of framed photos representing the history of Portage. Continue to add new material throughout the year. This exhibit will be on display at the Portage District Library.
4. Present a Preservation Award to a citizen who has met the criteria as established by the Portage Historic Commission.
5. Continue the biannual newsletter called *Picket Fences* to be distributed to homeowners of Portage historic homes, council members and other supporters.
6. Observe National Preservation Week in May by presenting a special event in the community.
7. Forward recommended goals for FY 2010-11 (November 2009) and update to goals for FY 2009-10 (November 2009 and April 2010).

HUMAN SERVICES BOARD

1. Fulfill advisory role requirements for CDBG program and human/public service funding requests.
 - a. To make recommendations regarding the Community Development Block Grant (CDBG) Program. .
 - b. To make recommendations regarding human/public service funding from the CDBG Program and General Fund to the City Council
 - Convene public hearings for the CDBG Program Consolidated Plan, Annual Action Plan, and Consolidated Annual Performance Evaluation Report.
 - Hear appeals from the CDBG Housing Program Guidelines.
 - Review fair housing activities.
 - Review applications and presentations from agencies for human/public services and recommend funding levels to City Council.

2. To serve as a resource and provide information to City Council regarding public transportation in the City of Portage.
 - a. Advise City Council on matters pertaining to public transportation in the City of Portage and make recommendations as appropriate.
 - Review public transportation needs within the City of Portage.
 - Review countywide demand/response of transportation services.
3. To serve as a resource to City Council for special projects.
 - a. To take appropriate action on projects as assigned by City Council
 - b. Identify and educate City Council on emerging human service issues in Portage.
 - Continue to serve on Metro Transit ADA Advisory Committee.
 - Assist City Council with Red Ribbon Week activities.
 - Review use of community survey to evaluate human service needs.
4. Forward recommended goals for FY 2010-11 (November 2009) and update to goals for FY 2009-10 (November 2009 and April 2010).

PARKS BOARD

1. Continue to participate in Portage cultural and special events as event volunteers and to distribute program informational flyers. Possible venues include:
 - a. Concerts.
 - b. Festivals.
 - c. Recreation programs special events.
2. Continue promotion and coordination of the 4-Season Photo Contest initiated during current year. The contest will continue through December 2009 with final judging in January 2010.
3. Continue sponsorship and coordination of a Bicycle Road Rally through city park facilities.
4. Investigate the opportunity to implement a Kayak Race using Ramona Park as the staging area. The Board would like to enlist support from local vendors to assist with a new event that hopefully will become an annual regional attraction.
5. Investigate the opportunity to implement a Fishing Contest using the many community water front access sites. The Board would like to explore options to work with local fishing clubs and vendors to further develop and promote fishing in the community.
6. Forward recommended goals for FY 2010-11 (November 2009) and update to goals for FY 2009-10 (November 2009 and April 2010).

PLANNING COMMISSION

1. Explore neighborhood areas that might benefit from low-impact nonresidential uses by expanding home occupation regulations and/or other mixed-use options.
2. Prioritize the three Commercial Revitalization areas and consider a revitalization program covering appropriate rezonings, public infrastructure improvements and financial assistance and incentive programs.
3. Create a friendly walkable "downtown" City Centre Area that integrates with existing commercial/retail district along South Westnedge Avenue.
4. Continue to guide development to appropriately planned area of the community.
5. Consider and act appropriately upon site-specific rezonings in the context of the 2008 Comprehensive Plan and the 2008 City Centre Area Plan to encourage residential, commercial, industrial, planned development and high-tech development opportunities, as appropriate.
6. During project plan review, consider parking lot interconnection, driveway consolidation, access from adjacent local/collector street or other methods intended to improve traffic flow and safety.
7. Review and recommend the annual Capital Improvement Program.
8. Annual review/update of the Major Thoroughfare Plan components of the Comprehensive Plan, where necessary.
9. Forward recommended goals for FY 2010-11 (November 2009) and update to goals for FY 2009-10 (November 2009 and April 2010).

SENIOR CITIZEN ADVISORY BOARD

1. Help to increase membership to 2,500 or more.
2. Help to increase funding for operational support: investigate new sources of funding in cooperation with the Friends of the Portage Senior Center.
3. Continue development of innovative programming.
4. Conduct strategic planning on specific senior center topics in cooperation with the Friends Board and the City Council on the results of the Portage Visioning Project.
5. Assist with the self assessment in preparation for re-accreditation of the Portage Senior Center.
6. Continue to develop a working relationship with the Portage Community Center to explore the potential for new opportunities for volunteers, services and other interactions.
7. Forward recommended goals for FY 2010-11 (November 2009) and update to goals for FY 2009-10 (November 2009 and April 2010).

TO: Planning Commission
FROM: Jeffrey M. Erickson, Director of Community Development
SUBJECT: Major Thoroughfare Plan Status Report

DATE: March 25, 2010

I. INTRODUCTION

In 2008, the Major Thoroughfare Plan (Chapter 8, Transportation) was updated as part of the overall Comprehensive Plan Update. In accordance with the Comprehensive Plan Implementation Strategies and 2009-2010 Planning Commission work program, the City Administration has completed review of the Major Thoroughfare Plan element. Pages 8-1 through 8-20 reference important transportation and land use information including goals, roadway system, non-motorized and other transportation modes information, corridor character, capacity and operations, access management and implementation strategies.

The Goals and Objectives, Implementation Strategies and planned improvements contained in Chapter 8, Transportation, are still viable for planning motorized and non-motorized transportation improvements. This element of the Plan continues to be regularly used in consideration of private development projects, rezoning application reviews, annual Capital Improvement Program (CIP) preparation and other community development applications. As previously discussed, and as programmed in the recommended FY2010-2020 CIP, a complete update of the Major Thoroughfare Plan is scheduled to be accomplished in 2012 as part of the Comprehensive Plan Update following release of the 2010 Census information.

With regard to the information contained in Appendix C, the City Administration annually obtains traffic volumes for various street segments and updates three-year crash data using the latest available data. Table C-4, Existing Thoroughfare Street Segment Characteristics (attached), has been updated based on traffic counts taken since the 2008 Plan Update. The new traffic counts are highlighted in yellow on the attached table. Table C-5, Traffic Crashes by Intersection and Table C-6, Traffic Crashes by Segment (attached), have also been updated with the 2006-2008 reported data. For comparison purposes, the 2008 Existing Thoroughfare Street Segment Characteristics table and 2003-2005 Traffic Crashes by Intersection and Traffic Crashes by Segment tables are also attached.

II. TRAFFIC VOLUMES

With regard to the Table C-4, Existing Thoroughfare Street Segment Characteristics, the information indicates that four roadway segments under the jurisdiction of the City of Portage have a vehicle-to-capacity (V/C) ratio of 1.0 or higher. These four roadway segments include the following:

1. South Westnedge, Andy to Idaho (V/C ratio – 1.33)
2. South Westnedge, Romence to Garden (V/C ratio – 1.01)
3. South Westnedge, Idaho to Milham (V/C ratio – 1.00)
4. South Westnedge, Mall to Ruth (V/C ratio – 1.00)

The four roadway segments listed above are included on Map 10, Planned Transportation Improvements. The South Westnedge, Andy to Idaho and South Westnedge, Idaho to Milham segments are priority projects and included in the FY2010-2020 CIP and are being completed as part of the SWEPS project in conjunction with the Michigan Department of Transportation project to reconstruct the I-94 and Interchange/Exit 76. The South Westnedge, Romence to Garden and South Westnedge, Mall to Ruth segments will continue to be monitored and appropriate improvements recommended as needed. From a historical perspective and as an example, the 1992 traffic volume on South Westnedge Avenue between

Idaho and Milham was 50,000 vehicles per day. Even though there has been significant (re)development activities within the South Westnedge Avenue Commercial corridor since 1992, the 2008 traffic volume along this same roadway segment was 40,800. The nearly 10,000 decrease in average daily vehicles can be attributed to the construction of new roadways, improvements to existing roadways, promoting alternative routes, individual driving habits, among other reasons.

III. TRAFFIC CRASHES

Traffic Crashes by Street Intersection – Table C-5 lists 34 major street intersections in which crash data is available for the three year period between 2006 and 2008 (the prior reporting period was from 2003-2005). Based on national studies, guidelines indicate an intersection with a crash rate of more than 2.5 crashes per million entering vehicles (MEV) requires further study to determine potential corrective measures. For the 2006 and 2008 reporting period, three intersections exceeded 2.5 crashes per MEV:

1. Portage/East Centre (3.32/MEV),
2. Oakland/West Milham (2.58/MEV)
3. South Westnedge/Romence (2.55/MEV).

For comparison purposes, two intersections exceeded 2.5 crashes per MEV during the 2003-2005 reporting period and included South Westnedge/Romence (3.00) and South Westnedge and Mall/Gladys (2.91). Although the South Westnedge/Romence intersection continues to maintain a crash rate above 2.5 during the 2003-2005 and 2006-2008 three year periods, the 2006-2008 crash rate has decreased from 2.91 to 2.55. The 2006-2008 crash rate for the South Westnedge and Mall/Gladys intersection has decreased below the 2.5 threshold to 1.83. For the Portage/East Centre and Oakland/West Milham intersections, the crash rate has increased: During the 2003-2005 period, the crash rate for these two intersections was 1.75 and 1.73.

Traffic Crashes by Roadway Segment – Crash rate guidelines for roadway segments are also based on national studies. Crash rates below 10/million vehicle miles (MVM) are not a major concern; crash rates between 10 and 20/MVM should be monitored; and crash rates above 20/MVM require attention. Based on the 2006-2008 data, only one street segment exceeded 20 crashes per MVM and eleven had a rate between 10 and 20 crashes per MVM. Only West Melody, Shaver Road to Dolphin Street, exceeded 20 crashes per MVM (35.51). Even though the number of crashes along this segment of West Melody over the three year period is low (6 total), the high crash rate per MVM is attributed to the short (.077 miles) roadway segment.

During the 2003-2005 reporting period, only two roadway segments exhibited a crash rate above 20/MVM: South Westnedge, Mall to Ruth (20.58), and Nash Avenue, East Shore Drive to Sprinkle Road. During the 2006-2008 period, the crash rates for these two roadway segments decreased to 14.74 and to 11.18.

The City Administration will continue to monitor street intersections and roadway segments to determine appropriate actions that improve safety and traffic flow including vision, signalization, signage, pavement conditions and other activities that can be implemented to lower observed crash rates.

IV. RECOMMENDATION

The Planning Commission is advised to accept the 2010 Major Thoroughfare Plan Status Report. A subsequent status report will be provided to the Commission in 2011. The recommendations identified in the Major Thoroughfare Plan will continue to be utilized by the City administration and needed motorized and non-motorized projects accordingly recommended for programming.

Attachments: Table C-4, Updated Existing Thoroughfare Street Segment Characteristics
Table C-5, 2006-2008 Traffic Crashes by Intersection
Table C-6, 2006-2008 Traffic Crashes by Segment
Existing Tables C-4, C-5 and C-6

**Table C-4:
Existing Thoroughfare Street Segment Characteristics**

Street	From	To	Street Class	Jurisdiction	Lanes	Pavement Width	ROW Width	Posted Speed	Curb & Gutter	Daily Capacity	Daily Traffic	Year	Present V/C Ratio	2030 ADT (a)	2030 V/C Ratio
Westnedge	Kilgore	Andy	Major Art.	Portage	5	60	66 to 93	35	Yes	34,200	28,103	2008	0.82	30,251	0.88
Westnedge	Andy	Idaho	Major Art.	Portage	5	60	66 to 119	35	Yes	34,200	45,562	2004	1.33	42,255	1.24
Westnedge	Idaho	Milham	Major Art.	Portage	6-7	72-84	110	35	Yes	40,500	40,789	2008	1.00	59,586	1.47
Westnedge	Milham	Mall	Major Art.	Portage	6	72	83 to 125	35	Yes	40,500	39,875	2008	0.98	58,769	1.45
Westnedge	Mall	Ruth	Major Art.	Portage	6	72	83 to 110	35	Yes	40,500	40,549	2004	1.00	57,881	1.43
Westnedge	Ruth	Hudson	Major Art.	Portage	6	72	93 to 110	35	Yes	40,500	36,817	2004	0.91	57,881	1.43
Westnedge	Hudson	Romence	Major Art.	Portage	6	72	90 to 110	35	Yes	40,500	34,941	2009	0.86	35,054	0.87
Westnedge	Romence	Garden	Major Art.	Portage	5	57	66 to 93	35	Yes	32,200	32,515	2004	1.01	31,717	0.99
Westnedge	Garden	Schurving	Major Art.	Portage	5	57	66 to 93	35	Yes	32,200	24,150	2004	0.75	29,578	0.92
Westnedge	Schurving	Shaver	Major Art.	Portage	5	60	66 to 93	35	Yes	32,200	24,147	2004	0.75	25,141	0.78
Westnedge	Shaver	Centre	Minor Art.	Portage	4	44	99	30	es	30,600	7,585	2008	0.25	6,224	0.20
Westnedge	Centre	Melody	Minor Art.	Portage	3	38	66 to 86	30	50%	17,000	10,629	2006	0.63	6,514	0.38
Westnedge	Melody	Osterhout	Minor Art.	Portage	2	24	66	40	No	16,200	8,419	2006	0.52	5,668	0.35
Westnedge	Osterhout	Heverly	Minor Art.	Portage	2	32	66	40	No	16,200	13,340	2006	0.82	10,624	0.66
Milham	12th	Heverly	Minor Art.	Portage	2	32	66	40	Pvd Slidr	16,200	14,580	2004	0.90	13,536	0.84
Milham	Heverly	Oakland	Minor Art.	Portage	2	32	66	35	Pvd Slidr	16,200	21,301	2009	0.66	20,700	0.64
Milham	Oakland	Constitution	Major Art.	Portage	5	60	83	35	Yes	32,200	16,168	2009	0.50	19,936	0.62
Milham	Constitution	Westnedge	Major Art.	Portage	5	58	83	35	Yes	34,200	12,808	2008	0.37	14,131	0.41
Milham	Westnedge	Norfolk Southern	Major Art.	Portage	5	55	66 to 83	35	Yes	34,200	7,829	2009	0.23	4,904	0.14
Milham	Norfolk Southern	Lovers Lane	Major Art.	Portage	4-5	55	66 to 83	35	Yes	34,200	10,975	2004	0.32	14,351	0.42
Milham	Lovers Lane	Portage	Major Art.	Portage	4	48	131 to 148	40	Yes	34,200	2,325	2004	0.14	2,105	0.13
Milham	Portage	Sprinkle	Collector	Portage	2	24	66	25	Pvd Slidr	16,200	22,145	2009	0.72	23,095	0.75
Milham	Sprinkle	Kilgore	Major Art.	Portage	4	40	66 to 135	35	Yes	34,200	31,132	2008	0.91	35,440	1.04
Oakland	I-94	Milham	Major Art.	Portage	5	60	99	35	Yes	16,200	15,491	2004	0.96	19,589	1.21
Oakland	Milham	Romence	Minor Art.	Portage	3	44	66	35	Yes	16,200	12,817	2004	0.79	14,745	0.91
Oakland	Romence	Centre	Minor Art.	Portage	3	44	66	35	Yes	16,200	7,821	2005	0.48	4,079	0.25
Oakland	Centre	Shaver	Minor Art.	Portage	2	22	66	40	Pvd Slidr	16,200	9,186	2006	0.57	4,181	0.26
Oakland	Shaver	Osterhout	Collector	Portage	2	22	66	40	Pvd Slidr	16,200	5,022	2004	0.31	3,792	0.23
Oakland	Osterhout	S. City Limits	Collector	Portage	2	22	66	40	Pvd Slidr	16,200	16,242	2008	0.50	21,419	0.66
Portage	Milham	Centre	Major Art.	Portage	4 & 5	44	66 to 100	45	Yes	32,500	24,069	2008	0.70	23,435	0.69
Portage	Kilgore	Milham	Major Art.	Portage	5	59	100	45	Yes	34,200	21,709	2005	0.67	17,305	0.53
Portage	Centre	Lakeview	Minor Art.	Portage	4 & 5	44	66 to 100	40-45	Yes	32,500	12,069	2006	0.75	16,102	0.99
Portage	Lakeview	Meredith	Minor Art.	Portage	2-4	22-44	66	45	No	16,200	19,872	2006	0.58	19,794	0.58
Sprinkle	Kilgore	Meredith	Major Art.	KCRC	5	60	100	50	No	34,200	19,174	2004	0.56	20,631	0.60
Sprinkle	Meredith	Milham	Major Art.	KCRC	5	60	100	50	40%	34,200	19,225	2004	0.56	20,631	0.60
Sprinkle	Milham	Bishop	Major Art.	KCRC	5	60	100	50	No	34,200	16,194	2004	0.50	24,876	0.77
Sprinkle	Bishop	Centre	Major Art.	KCRC	5	60	100	50	No	32,500	11,615	2005	0.47	18,394	0.74
Sprinkle	Centre	S. City Limits	Major Art.	KCRC	5	60	66 to 100	50	Yes	24,700	24,575	2009	0.76	26,084	0.80
Centre	12th	Oakland	Major Art.	Portage	4-5	48-60	83 to 120	45	Yes	32,500	22,119	2009	0.65	21,292	0.62
Centre	Oakland	Westnedge	Major Art.	Portage	5	55	76 to 86	45	Yes	34,200	34,161	2008	0.70	22,916	0.67
Centre	Westnedge	Waylee	Major Art.	Portage	5	55	66 to 86	35	Yes	32,500	20,070	2008	0.62	20,859	0.64
Centre	Waylee	Portage	Major Art.	Portage	5	55	66 to 86	35-45	Yes	34,200	10,205	2004	0.30	17,984	0.53
Centre	Portage	Sprinkle	Major Art.	Portage	4	48	100 to 122	45	Yes	16,200	10,222	2004	0.63	10,447	0.64
Centre	Sprinkle	E. City Limits	Collector	Portage	2	22	66	40	Pvd Slidr	16,200	10,727	2006	0.66	8,141	0.50
Romence	Angling	Oakland	Collector	Portage	2	24	66	35	Pvd Slidr	16,200	14,237	2004	0.88	13,118	0.81
Romence	Oakland	Sears	Minor Art.	Portage	3	35	66	35	Yes	34,200	20,620	2008	0.60	12,546	0.37
Romence	Sears	Westnedge	Minor Art.	Portage	5	55	66	35	Yes	34,200	13,477	2009	0.39	13,604	0.40
Romence	Westnedge	Lovers Lane	Minor Art.	Portage	4	44	132 to 186	35	es	34,200					

**Table C-4:
Existing Thoroughfare Street Segment Characteristics**

Street	From	To	Street Class	Jurisdiction	Lanes	Pavement Width	ROW Width	Posted Speed	Curb & Gutter	Daily Capacity	Daily Traffic	Year	Present V/C Ratio	2030 ADT (a)	2030 V/C Ratio
Romence	Lovers Lane	Portage	Minor Art.	Portage	4	44	100 to 273	35	Yes	32,500	10,600	2008	0.33	10,068	0.31
Romence	Portage	Mastenbrook	Minor Art.	Portage	3-4	36-44	66	45	40%	16,200	10,942	2008	0.67	12,543	0.77
Romence	Mastenbrook	Sprinkle	Minor Art.	Portage	2-3	23-33	66	45	Pvd Slidr	16,200	10,235	2008	0.63	13,486	0.83
Bishop	Sprinkle	E. City Limits	Minor Art.	Portage	2-3	22-33	66	40	Pvd Slidr	16,200	2,445	2008	0.15	3,163	0.20
Lovers Lane	Kilgore	I-94	Minor Art.	Portage	4	44	66 to 83	35	Yes	32,500	12,130	2009	0.37	22,856	0.70
Lovers Lane	I-94	Milham	Minor Art.	Portage	4	44	66 to 83	35	Yes	32,500	13,990	2008	0.43	19,455	0.60
Lovers Lane	Milham	Romence	Minor Art.	Portage	4	44	66 to 99	40	Yes	32,500	10,690	2008	0.33	11,750	0.36
Lovers Lane	Romence	Garden	Minor Art.	Portage	4	44	66 to 99	40	Yes	32,500	13,634	2004	0.42	10,101	0.31
Lovers Lane	Garden	Centre	Minor Art.	Portage	4	44	66 to 99	40	Yes	32,500	8,828	2008	0.27	7,839	0.24
Lovers Lane	Centre	Forest	Subcollector	Portage	2	24	66 to 99	25	Pvd Slidr	16,200	2,622	2004	0.16	1,954	0.12
Lovers Lane	Centre	Westnedge	Minor Art.	Kalamazoo	2-3	24-36	66 to 83	35	Yes	16,200	16,213	2004	1.00	10,015	0.62
Kilgore	Oakland	Burdick	Minor Art.	Portage	4-5	44-55	66 to 83	35	Yes	32,500	19,730	2006	0.61	25,614	0.79
Kilgore	Westnedge	Burdick	Minor Art.	Portage	4	44-55	66 to 83	35	Yes	32,500	15,965	2006	0.49	25,688	0.79
Kilgore	Burdick	Lovers Lane	Minor Art.	Portage	4	44-55	66 to 83	35	Yes	32,500	8,844	2008	0.55	15,898	0.98
Kilgore	Lovers Lane	Portage	Minor Art.	Portage	3	44	66 to 120	45	Yes	16,200	5,571	2007	0.17	12,229	0.38
Kilgore	Norfolk Southern	Sprinkle	Minor Art.	Kalamazoo	4	44	66 to 120	45	Yes	32,500	11,542	2007	0.38	15,767	0.49
Kilgore	Portage	Norfolk Southern	Collector	Portage	2	24	66 to 83	25	Pvd Slidr	16,200	1,285	2009	0.08	1,651	0.10
Angling	Merryview	Vincent	Collector	Portage	2	24	66 to 83	25	Pvd Slidr	16,200	3,122	2009	0.19	2,428	0.15
Vincent	Angling	Oakland	Collecto	Portage	2	24	66	25-35	Yes	16,200	4,137	2006	0.26	2,171	0.13
Angling	Milham	Romence	Collector	Portage	2	22	66 to 83	35	Pvd Slidr	16,200	6,016	2008	0.37	7,977	0.23
Angling	Romence	Centre	Collector	Portage	2	24	66 to 105	35	Pvd Slidr	16,200	1,803	2008	0.11	1,034	0.06
Angling	Centre	Vanderbilt	Collector	Portage	2	24	66 to 90	35	Pvd Slidr	16,200	1,690	2008	0.07	1,985	0.08
Vanderbilt	Angling	Shaver	Collector	Portage	2	22	66	35	Pvd Slidr	24,700	1,576	2008	0.10	4,470	0.28
Osterhout	Shaver	Westnedge	Minor Art.	Portage	2	21	66	40	Pvd Slidr	16,200	4,614	2008	0.28	5,421	0.33
Osterhout	Westnedge	Portage	Minor Art.	Portage	2	24	66	40	Pvd Slidr	16,200	16,414	2007	0.48	18,917	0.55
Shaver	Westnedge	Centre	Major Art.	Portage	5	55	66 to 73	35	Yes	34,200	18,114	2004	0.56	19,605	0.60
Shaver	Centre	Vanderbilt	Major Art.	Portage	4-5	44-55	78 to 100	45	Yes	32,500	6,623	2006	0.41	15,247	0.94
Shaver	Vanderbilt	S. City Limits	Major Art.	Portage	2-3	22-33	18 to 200	45-50	Pvd Slidr	16,200	3,558	2009	0.22	3,494	0.22
Moorsbridge	Centre	N. Old Centre	Collector	Portage	2	24	66 to 100	30	Yes	16,200	3,004	2009	0.18	5,210	0.32
Moorsbridge	N. Old Centre	Muirfield	Collector	Portage	2	34	66	30	Yes	16,200	3,696	2004	0.23	5,210	0.32
Moorsbridge	Muirfield	Romence	Collector	Portage	2	28	66	30	Pvd Slidr	16,200	3,702	2009	0.23	5,511	0.34
Schuring	Oakland	Westnedge	Collector	Portage	2	22	66	30	20%	16,200	2,661	2009	0.16	3,044	0.19
Garden	Westnedge	Lovers Lane	Collector	Portage	2	21	33 to 66	35	Pvd Slidr	16,200	5,408	2009	0.33	1,482	0.09
Mall	Constitution	JC Penney	Minor Art.	Portage	3	35	66	35	Yes	16,200	12,023	2008	0.35	3,653	0.11
Mall	JC Penney	Westnedge	Minor Art.	Portage	5	58	80	25	Yes	34,200	12,204	2008	0.36	14,763	0.43
Constitution	Milham	Mall	Minor Art.	Portage	4	48	100	35	Yes	34,200	8,028	2008	0.23	3,464	0.10
Constitution	Mall	Romence	Minor Art.	Portage	4	48	100	35	Yes	34,200	8,028	2008	0.23	3,464	0.10
Forest	Lovers Lane	Portage	Subcollector	Portage	2	24	66	25	Pvd Slidr	16,200	1,437	2008	0.09	2,036	0.13
Zyiman	Portage	Sprinkle	Collector	Portage	2	24	66	45	Pvd Slidr	16,200	5,602	2008	0.34	4,147	0.26
S. 12th St.	N. City Limits	Hickory Hill	Minor Art.	KCRC	2	22	66	45	No	16,200	10,262	2008	0.63	8,961	0.55
S. 12th St.	Briarhill	Milham	Minor Art.	KCRC	3	44	66	45	Yes	16,200	8,008	2004	0.49	7,351	0.45
S. 12th St.	Milham	Golden Ridge	Minor Art.	KCRC	2	24	66	45-55	No	16,200	5,818	2006	0.36	6,956	0.43
S. 12th St.	Norfolk Circle	Centre	Minor Art.	KCRC	2	24	66	45-55	No	16,200	7,035	2006	0.43	9,646	0.60
S. 12th St.	Centre	Whipponwill	Minor Art.	KCRC	2	21	66	55	No	16,200	4,712	2006	0.29	7,607	0.47
S. 12th St.	R'Ave	S'Ave	Minor Art.	KCRC	2	21	66	55	No	16,200	1,533	2004	0.09	1,274	0.08
S. 12th St.	S'Ave	S. City Limits	Minor Art.	KCRC	2	21	66	55	No	16,200	1,105	2004	0.07	1,105	0.07

**Table C-4:
Existing Thoroughfare Street Segment Characteristics**

Street	From	To	Street Class	Jurisdiction	Lanes	Pavement Width	ROW Width	Posted Speed	Curb & Gutter	Daily Capacity	Daily Traffic	Year	Present V/C Ratio	2030 ADT (a)	2030 V/C Ratio
Nash	E Shore	Sprinkle	Subcollector	Portage	2	22	66	25	No	16,200	251	2004	0.02	227	0.01
East Shore	Mandigo	Nash	Subcollector	Portage	2	22	30 to 66	25-35	No	16,200	768	2004	0.05	695	0.04
East Shore	Nash	Cox's Drive	Subcollector	Portage	2	22	30	25	No	16,200	670	2008	0.04	1,521	0.09
Mandigo	Portage	E. Shore	Subcollector	Portage	2	22	66	35	Pvd Slidr	16,200	1,088	2004	0.07	1,582	0.10
Newport	Milham	Alfa	Collector	Portage	2	28	66 to 99	25	Yes	17,000	6,443	2004	0.38	6,347	0.37
Newport	Alfa	Gladys	Collector	Portage	2	34	66	25	Yes	16,200	6,540	2004	0.40	6,309	0.39
Gladys	Newport	Gladys Ser Dr	Collector	Portage	2	22	66	25	No	16,200	4,819	2008	0.30	5,140	0.32
Gladys	Gladys Ser Dr	Westnege	Collector	Portage	3	36	66 to 100+	25	Yes	25,200	3,399	2008	0.13	8,739	0.35
Bacon	Westnege	Portage	Collector	Portage	2	24	66	35	Pvd Slidr	16,200	2,332	2009	0.14	1,947	0.12
Meredit	Kilgore	Sprinkle	Subcollector	Portage	3	33	51 to 66	30	Pvd Slidr	16,200	5,670	2004	0.35	3,740	0.23
Melody	Shaver	Dolphin	Collector	Portage	2	22	66	25	No	16,200	1,591	2004	0.10	3,029	0.19
Melody	Dolphin	Westnege	Collector	Portage	2	34	66	25	Yes	16,200	1,596	2004	0.10	3,540	0.22
Ramona	Lovers Lane	Portage	Collector	Portage	2	22	66	25	No	16,200	2,061	2004	0.13	3,470	0.21
Cox's Drive	E Shore	Zyman	Collector	Portage	2	22	66	25	No	16,200	878	2004	0.05	3,468	0.21
Cox's Drive	Zyman	Centre	Collector	Portage	2	22	66	25	No	16,200	886	2004	0.05	3,500	0.22
Winters	Lovers Lane	Portage	Collector	Portage	2	24	66	25	Pvd Slidr	16,200	1,554	2009	0.09	3,044	0.19
Old Centre	Centre	Cooley	Collector	Portage	2	22	66	30	No	16,200	2,284	2004	0.14	1,483	0.09
Old Centre	Cooley	Moorsbridge	Collector	Portage	2	34	66	30	Yes	16,200	2,165	2004	0.13	1,481	0.09

Source: City of Portage Department of Transportation and Utilities

**Table C - 5
2006-2008 Traffic Crashes by Intersection**

No.	Intersection	Crash Frequency by Year												Estimated Vehicles Per Day (EVPD) (Average 2006-08)			Average Crash Rate per Million Estimated Vehicles (MEV)		
		2006			2007			2008			Average/Year			Total					
		Total	Injury	Fatal	Total	Injury	Fatal	Total	Injury	Fatal	Total	Injury	Fatal	Severity	Total	Injury	Fatal	Severity	
1	Westnedge and Kilgore	9	3	0	16	5	0	11	2	0	12.00	3.333	0	22.00	0.80	0.22	0.00	1.47	
2	Westnedge and Andy	33	8	0	18	3	0	25	2	0	25.33	4.333	0	38.33	1.69	0.29	0.00	2.56	
3	Westnedge and Dawnlee	13	1	0	7	0	0	14	6	0	11.33	2.333	0	18.33	0.83	0.17	0.00	1.34	
4	Westnedge and Idaho	16	4	0	16	2	0	19	2	0	17.00	2.667	0	25.00	1.24	0.19	0.00	1.82	
5	Westnedge and Milham	25	5	0	38	5	0	23	1	0	28.67	3.667	0	39.67	1.47	0.19	0.00	2.03	
6	Westnedge and Mail/Glady	27	5	0	27	4	0	26	2	0	26.67	3.667	0	37.67	1.83	0.25	0.00	2.59	
7	Westnedge and Crossroads/Ruth	19	4	1	11	4	0	18	2	0	16.00	3.333	0.333	30.00	1.23	0.26	0.03	2.31	
8	Westnedge and J.L. Hudson	7	0	0	4	0	0	4	1	0	5.00	0.333	0	6.00	0.44	0.03	0.00	0.53	
9	Westnedge and Romence	45	11	1	31	8	0	34	6	0	36.67	8.333	0.333	65.67	2.55	0.58	0.02	4.57	
10	Westnedge and Garden Lane	11	2	0	6	3	0	11	2	0	9.33	2.333	0	16.33	1.06	0.27	0.00	1.86	
11	Westnedge and Schuring	5	1	0	6	1	0	7	2	0	6.00	1.333	0	10.00	0.67	0.15	0.00	1.12	
12	Westnedge and Shaver	11	2	0	6	1	0	3	0	0	6.67	1	0	9.67	0.75	0.11	0.00	1.09	
13	Westnedge and Centre	19	3	0	13	2	0	17	3	0	16.33	2.667	0	24.33	1.62	0.27	0.00	2.42	
14	Shaver and Centre	16	2	0	22	8	0	21	7	0	19.67	5.667	0	36.67	1.64	0.47	0.00	3.06	
15	Shaver and Melody	5	2	0	4	1	0	6	2	0	5.00	1.667	0	10.00	0.85	0.28	0.00	1.70	
16	Shaver and Oakland	16	5	0	9	2	0	6	1	0	10.33	2.667	0	18.33	1.79	0.46	0.00	3.18	
17	Oakland and Milham	43	7	0	24	5	0	21	5	0	29.33	5.667	0	46.33	2.58	0.50	0.00	4.08	
18	Oakland and Romence	11	2	0	8	1	0	9	0	0	9.33	1	0	12.33	1.12	0.12	0.00	1.49	
19	Oakland and Centre	19	5	0	15	2	0	13	1	0	15.67	2.667	0	23.67	1.35	0.23	0.00	2.04	
20	Centre and Lovers Lane	6	3	0	9	1	0	7	1	0	7.33	1.667	0	12.33	0.73	0.17	0.00	1.23	
21	Milham and Devon/Monticello	7	1	0	7	0	0	2	0	0	5.33	0.333	0	6.33	0.66	0.04	0.00	0.79	
22	Milham and Constitution	10	2	0	18	7	0	11	1	0	13.00	3.333	0	23.00	1.31	0.34	0.00	2.31	
23	Milham and Oregon	6	0	0	3	1	0	2	1	0	3.67	0.667	0	5.67	0.62	0.11	0.00	0.96	
24	Lovers and Kilgore	6	1	0	7	2	0	7	1	0	6.67	1.333	0	10.67	0.80	0.16	0.00	1.28	
25	Lovers and Milham	1	0	0	13	2	0	4	0	0	6.00	0.667	0	8.00	0.82	0.09	0.00	1.10	
26	Lovers and Romence Rd. Pkwy	5	1	0	15	2	0	7	0	0	9.00	1	0	12.00	1.16	0.13	0.00	1.54	
27	Constitution and Mall	4	2	0	3	2	0	1	0	0	2.67	1.333	0	6.67	0.41	0.21	0.00	1.04	
28	Romence Rd. Pkwy. and Sears Drive	1	0	0	5	0	0	4	1	0	3.33	0.333	0	4.33	0.42	0.04	0.00	0.54	
29	Mall and J.C. Penney Dr.	0	0	0	2	1	0	2	0	0	1.33	0.333	0	2.33	0.21	0.05	0.00	0.37	
30	Constitution and Romence	10	4	0	8	1	0	7	1	0	8.33	2	0	14.33	1.06	0.25	0.00	1.82	
31	Portage and Winters	6	0	0	4	1	0	5	0	0	5.00	0.333	0	6.00	0.67	0.04	0.00	0.80	
32	Portage and Milham	11	2	0	6	2	0	9	1	0	8.67	1.667	0	13.67	1.16	0.22	0.00	1.83	
33	Portage and Romence Rd. Pkwy.	9	3	0	7	3	0	5	1	0	7.00	2.333	0	14.00	1.18	0.39	0.00	2.36	
34	Portage and Centre	21	4	0	14	4	0	24	5	0	19.67	4.333	0	32.67	3.32	0.73	0.00	5.51	

Table C - 6
2006-2008 Traffic Crashes by Segments

No.	Street	From	To	Crash Frequency by Year												Average Daily Traffic (ADT) (2006-08)			Average Crash Rate per Million Vehicle Miles (MVM)			
				2006			2007			2008			Average/Year			Length (mile)	Total	Injury	Fatal	Severity		
				Total	Injury	Fatal	Total	Injury	Fatal	Total	Injury	Fatal	Total	Injury	Fatal						Severity	
1	Westmedge	Kilgore	Andy	64	13	0	51	12	0	41	6	0	52.00	10.33	0.00	83.00	15.99	3.18	0.00	25.53		
2	Westmedge	Andy	Idaho	50	10	0	51	6	0	67	12	0	56.00	9.33	0.00	84.00	10.37	1.73	0.00	15.56		
3	Westmedge	Idaho	Milham	33	7	0	40	0	0	34	4	0	35.67	7.00	0.00	56.67	9.58	1.88	0.00	15.22		
4	Westmedge	Milham	Mall	71	18	0	74	14	0	49	6	0	64.67	12.67	0.00	102.67	39.875	11.91	2.33	0.00	18.91	
5	Westmedge	Mall	Ruth	35	5	1	32	5	0	38	3	0	35.00	4.33	0.33	52.00	40.150	14.74	1.83	0.14	21.90	
6	Westmedge	Ruth	Hudson	20	5	0	15	5	0	20	3	0	18.33	4.33	0.00	31.33	39.753	6.29	1.49	0.00	10.74	
7	Westmedge	Hudson	Romence	58	11	1	39	6	0	36	9	0	44.33	8.67	0.33	74.33	39.356	11.39	2.23	0.09	19.09	
8	Westmedge	Romence	Garden Lane	33	5	0	31	10	0	31	6	0	31.67	7.00	0.00	52.67	37.352	6.67	1.48	0.00	11.10	
9	Westmedge	Garden Ln.	Schuring	8	1	0	9	2	0	12	2	0	9.67	1.67	0.00	14.67	24.052	7.10	1.22	0.00	10.78	
10	Westmedge	Schuring	Shaver	1	0	0	7	1	0	7	0	0	5.00	0.33	0.00	6.00	24.052	1.67	0.11	0.00	2.00	
11	Westmedge	Shaver	Centre	11	3	0	3	1	0	13	0	0	9.00	1.33	0.00	13.00	7.585	17.67	2.62	0.00	25.52	
12	Westmedge	Centre	Melody	7	2	0	12	2	0	11	1	0	10.00	1.67	0.00	15.00	10.629	4.84	0.81	0.00	7.25	
13	Westmedge	Melody	Osterhout	15	3	0	14	3	0	21	3	0	16.67	3.00	0.00	25.67	8.419	3.77	0.49	0.00	4.23	
14	Milham	12th	Heverly	8	0	0	10	2	0	14	3	0	10.67	1.67	0.00	15.67	13.340	1.58	0.25	0.00	2.32	
15	Milham	Heverly	Oakland	6	0	0	6	2	0	6	2	0	6.00	1.33	0.00	10.00	13.340	3.27	0.73	0.00	5.45	
16	Milham	Oakland	Constitution	55	6	0	39	11	0	30	5	0	41.33	7.33	0.00	63.33	25.924	6.94	1.23	0.00	10.64	
17	Milham	Constitution	Westmedge	26	3	0	35	8	0	25	6	0	28.67	5.67	0.00	45.67	20.206	6.21	1.23	0.00	9.89	
18	Milham	Westmedge	Conrail RR	6	0	0	11	1	0	9	3	0	8.67	1.33	0.00	12.67	12.808	3.66	0.56	0.00	5.35	
19	Milham	Conrail RR	Lovers Lane	2	0	0	8	0	0	2	0	0	4.00	0.00	0.00	4.00	14.069	3.04	0.00	0.00	3.04	
20	Milham	Lovers Lane	Portage	12	0	0	8	2	0	7	0	0	9.00	0.67	0.00	11.00	8.051	4.11	0.30	0.00	5.02	
21	Milham	Sprinkle	E City Limits	0	0	0	2	0	0	3	0	0	1.67	0.00	0.00	1.67	2.394	3.70	0.00	0.00	3.70	
22	Oakland	Kilgore	I-94	24	4	0	21	4	0	33	2	0	26.00	3.33	0.00	36.00	23.541	6.08	0.78	0.00	8.41	
23	Oakland	I-94	Milham	50	12	0	22	2	0	22	7	0	31.33	7.00	0.00	52.33	31.132	5.08	1.13	0.00	8.48	
24	Oakland	Milham	Romence	21	4	0	11	3	0	20	2	0	17.33	3.00	0.00	26.33	15.589	3.03	0.52	0.00	4.60	
25	Oakland	Romence	Centre	9	5	0	13	4	0	10	0	0	10.67	3.00	0.00	19.67	13.523	1.001	0.22	0.00	2.81	
26	Oakland	Centre	Shaver	15	2	0	9	0	0	5	1	0	9.67	1.00	0.00	12.67	6.225	1.981	0.22	0.00	3.98	
27	Oakland	Shaver	Osterhout	6	1	0	5	0	0	3	0	0	4.67	0.33	0.00	5.67	9.186	2.94	0.21	0.00	3.57	
28	Oakland	Osterhout	S. City Limits	1	0	0	3	0	0	2	0	0	2.00	0.00	0.00	2.00	8.758	1.25	0.00	0.00	1.25	
29	Portage	Kilgore	Milham	44	10	0	38	8	1	33	3	0	38.33	7.00	0.33	63.33	22.253	4.12	0.75	0.04	6.81	
30	Portage	Milham	Centre	37	10	0	39	5	1	39	5	1	38.33	6.67	0.67	66.33	16.242	3.21	0.56	0.06	5.56	
31	Portage	Centre	Lakeview	25	3	0	39	12	0	31	6	1	31.67	7.00	0.33	56.67	14.155	4.49	0.99	0.05	8.04	
32	Portage	Lakeview	Mandigo	31	5	0	41	7	0	24	4	0	32.00	5.33	0.00	48.00	12.069	1.707	0.42	0.00	6.38	
33	Sprinkle	Kilgore	Meredith	4	1	0	9	5	0	3	0	0	5.33	2.00	0.00	11.33	20.600	1.68	0.63	0.00	3.57	
34	Sprinkle	Meredith	Milham	10	3	0	19	4	0	16	3	0	15.00	3.33	0.00	25.00	20.188	2.51	0.56	0.00	4.18	
35	Sprinkle	Milham	Bishop	16	5	0	14	3	0	17	4	0	15.67	4.00	0.00	27.67	22.680	1.006	1.88	0.00	3.32	
36	Sprinkle	Bishop	Centre	16	1	0	23	7	0	19	5	0	19.33	4.33	0.00	32.33	19.104	2.75	0.62	0.00	4.60	
37	Sprinkle	Centre	Zylman	3	1	0	9	3	0	8	2	0	6.67	2.00	0.00	12.67	13.564	3.05	2.67	0.80	5.07	
38	Centre	12th	Oakland	70	13	1	67	12	0	76	12	0	71.00	12.33	0.33	112.00	27.343	1.887	3.77	0.65	0.02	5.95
39	Centre	Oakland	Westmedge	61	12	0	50	5	0	53	13	1	54.67	10.00	0.33	88.67	22.310	5.34	0.98	0.03	8.66	
40	Centre	Westmedge	Waylee	15	1	0	14	3	0	4	1	0	11.00	1.67	0.00	16.00	23.243	5.84	0.88	0.00	8.50	
41	Centre	Waylee	Portage	35	9	0	27	3	0	31	4	0	31.00	5.33	0.00	47.00	20.070	1.283	3.30	0.57	0.00	5.00
42	Centre	Portage	Sprinkle	12	2	0	12	2	0	20	3	0	14.67	2.33	0.00	21.67	12.256	3.28	0.52	0.00	4.84	
43	Centre	Sprinkle	E City Limits	3	1	0	1	0	0	5	0	0	3.00	0.33	0.00	4.00	12.276	1.27	0.14	0.00	1.69	

Table C - 6
2006-2008 Traffic Crashes by Segments

No.	Street	From	To	Crash Frequency by Year												Average Daily Traffic (ADT) (2006-08)	Length (mile)	Average Crash Rate per Million Vehicle Miles (MVM)		
				2006			2007			2008			Average/Year							
				Total	Injury	Fatal	Total	Injury	Fatal	Total	Injury	Fatal	Total	Injury	Fatal			Total	Injury	Fatal
44	Romence	Angling	Oakland	9	3	0	9	3	0	8	2	0	8.67	2.67	0.00	16.67	1.93	0.59	0.00	3.72
45	Romence	Oakland	Sears	15	4	0	25	2	0	20	4	0	20.00	3.33	0.00	30.00	3.32	0.55	0.00	4.98
46	Romence	Sears	Westmedge	21	10	0	19	3	0	20	5	0	20.00	6.00	0.00	38.00	10.53	3.16	0.00	20.00
47	Romence	Westmedge	Lovers Lane	15	0	0	25	3	0	18	3	0	19.33	2.00	0.00	25.33	7.758	5.11	0.53	6.69
48	Romence	Lovers Lane	Portage	11	0	0	15	2	0	14	2	0	13.33	1.33	0.00	17.33	10.600	4.56	0.46	5.93
49	Romence	Portage	Mastenbrook	6	2	0	5	2	0	3	0	0	4.67	1.33	0.00	8.67	10.942	2.32	0.66	4.31
50	Romence	Mastenbrook	Sprinkle	6	0	0	2	0	0	10	0	0	6.00	0.00	0.00	6.00	10.235	3.26	0.00	3.26
51	Bishop	Sprinkle	E City Limits	1	0	0	3	1	0	5	0	0	3.00	0.33	0.00	4.00	2.693	5.69	0.63	7.59
52	Lovers Lane	Kilgore	1-94	2	0	0	7	2	0	8	0	0	5.67	0.67	0.00	7.67	17.155	2.12	0.25	2.87
53	Lovers Lane	1-94	Milham	3	1	0	14	3	0	5	1	0	7.33	1.67	0.00	12.33	13.990	2.36	0.54	3.97
54	Lovers Lane	Milham	Ramona	5	1	0	9	3	0	6	0	0	6.67	1.33	0.00	10.67	10.690	2.65	0.53	4.24
55	Lovers Lane	Ramona	Centre	11	2	0	17	4	0	9	0	0	12.33	2.00	0.00	18.33	8.828	2.74	0.44	4.07
56	Lovers Lane	Centre	Forest	2	1	0	3	1	0	2	0	0	2.33	0.67	0.00	4.33	1.697	6.48	1.85	0.00
57	Kilgore	Westmedge	Burdick	11	3	0	13	3	0	16	2	0	13.33	2.67	0.00	21.33	19.730	3.70	0.74	5.91
58	Kilgore	Burdick	Lovers Lane	10	2	0	5	1	0	6	2	0	7.00	1.67	0.00	12.00	15.965	4.64	1.10	7.95
59	Kilgore	Lovers Lane	E. Kilgore	1	0	0	0	0	0	4	2	0	1.67	0.67	0.00	3.67	11.656	0.966	0.41	0.16
60	Angling	Meryview	Vincent	1	0	0	0	0	0	2	0	0	1.00	0.00	0.00	1.00	2.275	0.747	1.61	0.00
61	Vincent	Angling	Oakland	1	0	0	3	3	0	2	1	0	2.33	1.33	0.00	6.33	4.277	1.104	1.35	0.77
62	Angling	Milham	Romence	2	0	0	0	0	0	5	1	0	5.33	1.00	0.00	8.33	6.016	1.286	1.89	0.35
63	Angling	Romence	Centre	4	1	0	7	1	0	3	1	0	2.00	0.67	0.00	4.00	1.803	0.875	3.47	1.16
64	Angling	Centre	Vanderbilt	0	0	0	3	1	0	3	1	0	3.67	0.33	0.00	4.67	1.690	2.262	0.24	0.00
65	Vanderbilt	Angling	Shaver	4	0	0	4	0	0	3	1	0	6.00	1.67	0.00	15.33	1.576	1.528	12.89	1.52
66	Osterhout	Shaver	Westmedge	11	2	0	12	0	0	11	2	0	11.33	1.33	0.00	11.00	0.181	7.68	2.15	0.00
67	Osterhout	Westmedge	Portage	5	2	0	7	1	0	6	2	0	8.33	2.33	0.00	15.33	0.181	7.68	2.15	0.00
68	Shaver	Westmedge	Centre	7	3	0	14	3	0	4	1	0	23.67	5.00	0.33	42.67	1.441	3.71	0.78	0.05
69	Shaver	Centre	Vanderbilt	22	3	1	30	6	0	19	6	0	23.67	5.00	0.33	42.67	2.004	3.52	0.99	0.00
70	Shaver	Vanderbilt	S City Limits	26	10	0	29	7	0	16	3	0	23.67	6.67	0.00	43.67	0.347	2.96	0.74	0.00
71	Moorsbridge	Centre	Old Centre	2	1	0	1	0	0	1	0	0	1.33	0.33	0.00	2.33	3.558	0.757	3.21	0.00
72	Moorsbridge	Old Centre	Muirfield	2	0	0	5	0	0	1	0	0	2.67	0.00	0.00	2.67	3.004	0.489	3.12	1.04
73	Moorsbridge	Muirfield	Romence	2	0	0	1	1	0	3	1	0	2.00	0.67	0.00	4.00	1.258	4.24	1.25	0.00
74	Schuring	Oakland	Westmedge	6	1	0	7	4	0	4	0	0	5.67	1.67	0.00	10.67	0.809	1.54	0.51	0.00
75	Garden Ln.	Westmedge	Lovers Lane	0	0	0	2	1	0	1	0	0	1.00	0.33	0.00	2.00	0.401	3.44	0.86	0.00
76	Mall	Constitution	JC Penney	2	1	0	3	1	0	3	0	0	2.67	0.67	0.00	4.67	0.202	11.28	1.88	0.00
77	Mall	JC Penney	Westmedge	9	1	0	7	3	0	14	1	0	10.00	1.67	0.00	15.00	0.87	2.15	0.26	0.00
78	Constitution	Milham	Mall	11	2	0	7	1	0	7	0	0	8.33	1.00	0.00	11.33	12.204	1.382	1.71	0.00
79	Constitution	Mall	Romence	11	3	0	6	2	0	3	0	0	6.67	1.67	0.00	11.67	8.028	1.193	1.91	0.48
80	Forest	Lovers Lane	Portage	0	0	0	1	0	0	1	0	0	0.67	0.00	0.00	0.67	1.067	2.90	0.61	0.00
81	Zyman	Portage	Sprinkle	7	2	0	7	1	0	5	1	0	6.33	1.33	0.00	10.33	5.602	0.29	0.15	0.00
82	S 12th St.	Limits	Briarhill	1	1	0	1	0	0	0	0	0	0.67	0.33	0.00	1.67	0.808	0.29	0.15	0.00
83	S 12th St.	Briarhill	Milham	1	0	0	0	0	0	5	1	0	2.00	0.33	0.00	3.00	0.276	2.50	0.42	0.00
84	S 12th St.	Milham	Golden Ridge	1	0	0	1	1	0	1	0	0	1.00	0.33	0.00	2.00	5.425	1.537	0.33	0.11
85	S 12th St.	Ridge	Centre	9	2	0	5	0	0	4	0	0	6.00	0.67	0.00	8.00	7.448	1.15	0.13	0.00
86	S 12th St.	Centre	Whipporwill	5	0	0	3	1	0	3	0	0	3.67	0.33	0.00	4.67	0.967	2.21	0.20	0.00

Table C - 6
2006-2008 Traffic Crashes by Segments

No.	Street	From	To	Crash Frequency by Year												Average Daily Traffic (ADT) (2006-08)	Length (mile)	Average Crash Rate per Million Vehicle Miles (MVM)				
				2006			2007			2008			Average/Year									
				Total	Injury	Fatal	Total	Injury	Fatal	Total	Injury	Fatal	Total	Injury	Fatal			Severity	Total	Injury	Fatal	Severity
87	S 12th St.	Whippoorwill	S Ave.	0	0	0	1	0	0	0	4	1	0	0	1.67	0.33	0.00	2.67	2.20	0.44	0.00	3.52
88	S 12th St.	S Ave.	S city limits	2	1	0	0	0	0	0	0	0	0	0	0.67	0.33	0.00	1.67	2.16	1.08	0.00	5.41
89	Nash	E Shore	Sprinkle	1	0	0	0	0	0	0	0	0	0	0	0.33	0.00	0.00	0.33	11.18	0.00	0.00	11.18
90	East Shore	Mandigo	Nash	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91	East Shore	Nash	Cox's Dr	2	0	0	1	0	0	0	0	0	0	1.00	0.00	0.00	1.00	700	2.44	0.00	0.00	2.44
92	Mandigo	Portage	E Shore	2	0	0	2	0	0	0	3	0	0	2.33	0.00	0.00	2.33	1,099	3.85	0.00	0.00	3.85
93	Newport	Milham	Charlie	1	0	0	2	0	0	0	2	0	0	1.67	0.00	0.00	1.67	4,819	1.76	0.00	0.00	1.76
94	Glady's	Charlie	Westmedge	2	0	0	6	1	0	0	5	0	0	4.33	0.33	0.00	5.33	3,399	9.44	0.73	0.00	11.62
95	Bacon	Westmedge	Portage	1	0	0	4	1	0	0	1	0	0	2.00	0.33	0.00	3.00	2,076	2.49	0.41	0.00	3.73
96	Meredith	Kilgore	Sprinkle	2	0	0	0	0	0	0	2	0	0	1.33	0.00	0.00	1.33	5,783	2.00	0.00	0.00	2.00
97	Melody	Shaver	Dolphin	2	1	0	1	0	0	0	2	0	0	1.67	0.33	0.00	2.67	1,670	35.51	7.10	0.00	56.82
98	Melody	Dolphin	Westmedge	5	2	0	2	0	0	0	3	0	0	3.33	0.67	0.00	5.33	1,675	15.76	3.15	0.00	25.21
99	Ramona	Lovers Lane	Portage	1	0	0	1	0	0	0	0	0	0	0.67	0.00	0.00	0.67	2,081	1.17	0.00	0.00	1.17
100	Cox's Dr	East Shore	Zylman	0	0	0	1	1	0	0	0	0	0	0.33	0.33	0.00	1.33	886	6.25	6.25	0.00	24.99
101	Cox's Dr	Zylman	E Centre	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	890	0.00	0.00	0.00	0.00
102	Winters	Lovers Lane	Portage	0	0	0	0	0	0	0	4	1	0	1.33	0.33	0.00	2.33	1,569	3.07	0.77	0.00	5.38
103	Old Centre	Centre	Cooley	1	0	0	3	0	0	0	0	0	0	1.33	0.00	0.00	1.33	2,118	5.23	0.00	0.00	5.23
104	Old Centre	Cooley	Moorsbridge	1	0	0	0	0	0	0	0	0	0	0.33	0.00	0.00	0.33	2,007	1.76	0.00	0.00	1.76
105	Sprinkle	Zylman	Nash	25	5	0	22	6	0	0	15	7	0	20.67	6.00	0.00	38.67	12,211	2.62	0.76	0.00	4.91

**Table C-4:
Existing Thoroughfare Street Segment Characteristics**

Street	From	To	Street Class	Jurisdiction	Lanes	Pavement Width	ROW Width	Posted Speed	Curb & Gutter	Daily Capacity	Daily Traffic	Year	Present V/C Ratio	2030 ADT (a)	2030 V/C Ratio
Westnedge	Kilgore	Andy	Major Art.	Portage	5	60	66 to 93	35	Yes	34,200	37,792	2004	1.11	30,251	0.88
Westnedge	Andy	Idaho	Major Art.	Portage	5	60	66 to 119	35	Yes	34,200	45,562	2004	1.33	42,265	1.24
Westnedge	Idaho	Milham	Major Art.	Portage	6-7	72-84	110	35	Yes	40,500	46,893	2006	1.16	59,586	1.47
Westnedge	Milham	Mail	Major Art.	Portage	6	72	83 to 125	35	Yes	40,500	40,271	2004	0.99	58,769	1.45
Westnedge	Mail	Ruth	Major Art.	Portage	6	72	93 to 110	35	Yes	40,500	40,549	2004	1.00	57,881	1.43
Westnedge	Ruth	Hudson	Major Art.	Portage	6	72	93 to 110	35	Yes	40,500	36,817	2004	0.91	57,881	1.43
Westnedge	Hudson	Romence	Major Art.	Portage	6	72	90 to 110	35	Yes	40,500	39,356	2006	0.97	35,054	0.87
Westnedge	Romence	Garden	Major Art.	Portage	5	57	66 to 93	35	Yes	32,200	32,515	2004	1.01	31,717	0.99
Westnedge	Garden	Schuring	Major Art.	Portage	5	57	66 to 93	35	Yes	32,200	24,150	2004	0.75	29,578	0.92
Westnedge	Schuring	Shaver	Major Art.	Portage	5	60	66 to 93	35	Yes	32,200	24,147	2004	0.75	25,141	0.78
Westnedge	Shaver	Centre	Minor Art.	Portage	4	44	89	30	Yes	30,600	20,061	2004	0.66	6,224	0.20
Westnedge	Centre	Melody	Minor Art.	Portage	3	38	66 to 86	30	50%	17,000	10,629	2006	0.63	6,514	0.38
Westnedge	Melody	Osterhout	Minor Art.	Portage	2	24	66	40	No	16,200	8,419	2006	0.52	5,668	0.35
Milham	12th	Heverly	Minor Art.	Portage	2	32	66	40	Pvd Slidr	16,200	13,340	2006	0.82	10,624	0.66
Milham	Heverly	Oakland	Minor Art.	Portage	2	32	66	35	Pvd Slidr	16,200	14,580	2004	0.90	13,536	0.84
Milham	Oakland	Constitution	Major Art.	Portage	5	60	83	35	Yes	32,200	25,924	2006	0.81	20,700	0.64
Milham	Constitution	Westnedge	Major Art.	Portage	5	58	83	35	Yes	32,200	15,959	2004	0.50	19,936	0.62
Milham	Westnedge	Norfolk Southern	Major Art.	Portage	5	55	66 to 83	35	Yes	34,200	9,991	2004	0.29	14,131	0.41
Milham	Norfolk Southern	Lovers Lane	Major Art.	Portage	4-5	55	66 to 83	35	Yes	34,200	10,975	2004	0.32	14,351	0.42
Milham	Lovers Lane	Portage	Major Art.	Portage	4	48	131 to 148	40	Yes	34,200	8,357	2004	0.24	4,904	0.14
Milham	Sprinkle	E. City Limits	Collector	Portage	2	24	66	25	Pvd Slidr	16,200	2,325	2004	0.14	2,106	0.13
Oakland	Kilgore	I-94	Major Art.	Portage	4	40	66 to 135	35	Yes	30,600	23,633	2006	0.77	23,095	0.75
Oakland	I-94	Milham	Major Art.	Portage	5	60	99	35	Yes	34,200	33,920	2004	0.99	35,440	1.04
Oakland	Milham	Romence	Minor Art.	Portage	3	44	66	35	Yes	16,200	15,491	2004	0.96	19,589	1.21
Oakland	Romence	Centre	Minor Art.	Portage	3	44	66	35	Yes	16,200	12,817	2004	0.79	14,745	0.91
Oakland	Centre	Shaver	Minor Art.	Portage	2	22	66	40	Pvd Slidr	16,200	7,821	2005	0.48	4,079	0.25
Oakland	Shaver	Osterhout	Collector	Portage	2	22	66	40	Pvd Slidr	16,200	9,186	2006	0.57	4,181	0.26
Oakland	Osterhout	S. City Limits	Collector	Portage	2	22	66	40	Pvd Slidr	16,200	5,022	2004	0.31	3,792	0.23
Portage	Milham	Centre	Major Art.	Portage	2	22	66 to 100	45	Yes	32,500	22,210	2004	0.68	21,419	0.66
Portage	Kilgore	Milham	Major Art.	Portage	5	59	100	45	Yes	34,200	22,270	2004	0.65	23,435	0.69
Portage	Centre	Lakeview	Minor Art.	Portage	4 & 5	44	66 to 100	40-45	Yes	32,500	21,709	2005	0.67	17,305	0.53
Portage	Lakeview	Mandigo	Minor Art.	Portage	4 & 5	44	66 to 100	40-45	Yes	32,500	21,069	2006	0.75	16,102	0.99
Sprinkle	Kilgore	Meredith	Major Art.	KCRC	5	60	100	50	No	16,200	12,069	2004	0.67	19,794	0.58
Sprinkle	Meredith	Milham	Major Art.	KCRC	5	60	100	50	No	34,200	19,174	2004	0.56	20,631	0.60
Sprinkle	Milham	Bishop	Major Art.	KCRC	5	60	100	50	40%	34,200	19,225	2004	0.56	20,487	0.60
Sprinkle	Bishop	Centre	Major Art.	KCRC	5	60	100	50	No	32,500	16,194	2004	0.50	24,876	0.77
Sprinkle	Centre	S. City Limits	Major Art.	KCRC	5	60	66 to 100	50	Yes	24,700	11,498	2004	0.47	18,304	0.74
Centre	12th	Oakland	Major Art.	Portage	4-5	48-60	83 to 120	45	Yes	32,500	27,343	2006	0.84	26,084	0.80
Centre	Oakland	Westnedge	Major Art.	Portage	5	55	76 to 86	45	Yes	34,200	22,310	2006	0.65	21,292	0.62
Centre	Westnedge	Waylee	Major Art.	Portage	5	55	66 to 86	35	Yes	34,200	22,329	2006	0.65	22,916	0.67
Centre	Waylee	Portage	Major Art.	Portage	5	55	66 to 86	35-45	Yes	32,500	16,710	2004	0.51	20,859	0.64
Centre	Portage	Sprinkle	Major Art.	Portage	4	48	100 to 122	45	Yes	34,200	10,205	2004	0.30	17,984	0.53
Centre	Sprinkle	E. City Limits	Collector	Portage	2	22	66	40	Pvd Slidr	16,200	10,222	2004	0.63	10,447	0.64
Romence	Angling	Oakland	Collector	Portage	2	24	66	35	Pvd Slidr	16,200	10,727	2006	0.66	8,141	0.50
Romence	Oakland	Sears	Minor Art.	Portage	3	35	66	35	Yes	16,200	14,237	2004	0.88	13,118	0.81
Romence	Sears	Westnedge	Minor Art.	Portage	5	55	66	35	Yes	34,200	18,221	2006	0.53	12,546	0.37
Romence	Westnedge	Lovers Lane	Minor Art.	Portage	4	44	132 to 186	35	Yes	34,200	14,687	2004	0.43	13,604	0.40

Table C-4:
Existing Thoroughfare Street Segment Characteristics

Street	From	To	Street Class	Jurisdiction	Lanes	Pavement Width	ROW Width	Posted Speed	Curb & Gutter	Daily Capacity	Daily Traffic	Year	Present V/C Ratio	2030 ADT (a)	2030 V/C Ratio
Romence	Lovers Lane	Portage	Minor Art.	Portage	4	44	100 to 273	35	Yes	32,500	12,073	2004	0.37	10,068	0.31
Romence	Portage	Mastenbrook	Minor Art.	Portage	3-4	36-44	66	45	40%	16,200	12,284	2007	0.76	12,543	0.77
Romence	Mastenbrook	Sprinkle	Minor Art.	Portage	2-3	22-33	66	45	Pvd Slidr	16,200	8,510	2004	0.53	13,486	0.83
Bishop	Sprinkle	E. City Limits	Minor Art.	Portage	2-3	23-33	66	40	Pvd Slidr	16,200	2,893	2006	0.17	3,163	0.20
Lovers Lane	Kilgore	I-94	Minor Art.	Portage	4	44	66 to 83	35	Yes	32,500	13,468	2004	0.41	22,856	0.70
Lovers Lane	I-94	Milham	Minor Art.	Portage	4	44	66 to 83	35	Yes	32,500	10,983	2004	0.34	19,455	0.60
Lovers Lane	Milham	Romence	Minor Art.	Portage	4	44	66 to 99	40	Yes	32,500	10,067	2007	0.31	11,750	0.36
Lovers Lane	Romence	Garden	Minor Art.	Portage	4	44	66 to 99	40	Yes	32,500	13,634	2004	0.42	10,010	0.31
Lovers Lane	Garden	Centre	Minor Art.	Portage	4	44	66 to 99	40	Yes	32,500	11,011	2004	0.34	7,839	0.24
Lovers Lane	Centre	Forest	Subcollector	Portage	2	24	66 to 99	25	Pvd Slidr	16,200	2,622	2004	0.16	1,994	0.12
Kilgore	Oakland	Westnedge	Minor Art.	Kalamazoo	2-3	24-36	66 to 83	35	Yes	16,200	16,213	2004	1.00	10,015	0.62
Kilgore	Westnedge	Burdick	Minor Art.	Portage	4-5	44-55	66 to 83	35	Yes	32,500	19,730	2006	0.61	25,614	0.79
Kilgore	Burdick	Lovers Lane	Minor Art.	Portage	4	44-55	66 to 83	35	Yes	32,500	15,965	2006	0.49	25,688	0.79
Kilgore	Lovers Lane	Portage	Minor Art.	Portage	3	44	66 to 120	35	Yes	16,200	11,656	2006	0.72	15,898	0.98
Kilgore	Norfolk Southern	Sprinkle	Minor Art.	Kalamazoo	4	44	66	45	Yes	32,500	5,571	2007	0.17	12,229	0.38
Kilgore	Portage	Norfolk Southern	Minor Art.	Kalamazoo	4	44	66 to 120	45	Yes	32,500	11,542	2007	0.38	15,767	0.49
Angling	Merryview	Vincent	Collector	Portage	2	24	66 to 83	25	Pvd Slidr	16,200	1,418	2004	0.09	1,651	0.10
Angling	Angling	Oakland	Collector	Portage	2	24	66 to 83	25-35	Pvd Slidr	16,200	1,329	2004	0.08	2,428	0.15
Angling	Milham	Romence	Collector	Portage	2	22	66 to 83	35	Pvd Slidr	16,200	4,137	2006	0.26	2,171	0.13
Angling	Romence	Centre	Collector	Portage	2	24	66 to 105	35	Pvd Slidr	16,200	4,277	2006	0.26	3,797	0.23
Angling	Centre	Vanderblit	Collector	Portage	2	24	66 to 90	35	Pvd Slidr	16,200	4,379	2006	0.27	1,034	0.06
Vanderblit	Angling	Shaver	Collector	Portage	2	22	66	35	Pvd Slidr	24,700	1,779	2004	0.07	1,985	0.08
Osterhout	Shaver	Westnedge	Minor Art.	Portage	2	21	66	40	Pvd Slidr	16,200	4,597	2004	0.28	4,470	0.28
Osterhout	Westnedge	Portage	Minor Art.	Portage	2	24	66	40	Pvd Slidr	16,200	4,886	2005	0.30	5,421	0.33
Shaver	Westnedge	Centre	Major Art.	Portage	5	55	66 to 73	35	Yes	34,200	24,518	2004	0.72	18,917	0.55
Shaver	Centre	Vanderblit	Major Art.	Portage	4-5	44-55	78 to 100	45	Yes	32,500	18,114	2004	0.56	19,605	0.60
Shaver	Vanderblit	S. City Limits	Major Art.	Portage	2-3	22-33	18 to 200	45-50	Pvd Slidr	16,200	6,823	2006	0.41	15,247	0.94
Shaver	Centre	N. Old Centre	Major Art.	Portage	2	24	66 to 100	30	Yes	16,200	3,956	2004	0.24	3,494	0.22
Moorsbridge	Centre	Muirfield	Collector	Portage	2	34	66	30	Yes	16,200	3,457	2004	0.21	5,210	0.32
Moorsbridge	N. Old Centre	Romence	Collector	Portage	2	28	66	30	Pvd Slidr	16,200	3,696	2004	0.23	5,210	0.32
Moorsbridge	Muirfield	Westnedge	Collector	Portage	2	22	66	30	20%	16,200	633	2004	0.04	5,511	0.34
Schuring	Oakland	Westnedge	Collector	Portage	2	21	33 to 66	35	Pvd Slidr	16,200	2,456	2004	0.15	3,044	0.19
Garden	Westnedge	Lovers Lane	Collector	Portage	2	35	66	35	Yes	16,200	8,331	2004	0.51	1,482	0.09
Garden	Westnedge	Portage	Collector	Portage	2	35	66	35	Yes	34,200	13,754	2004	0.40	3,653	0.11
Mall	Constitution	JC Penney	Minor Art.	Portage	3	35	80	25	Yes	34,200	19,804	2004	0.58	14,763	0.43
Mall	JC Penney	Westnedge	Minor Art.	Portage	5	58	100	35	Yes	34,200	4,464	2004	0.13	3,464	0.10
Constitution	Milham	Mail	Minor Art.	Portage	4	48	100	35	Yes	34,200	1,860	2006	0.11	2,036	0.13
Constitution	Mail	Romence	Minor Art.	Portage	4	48	100	35	Pvd Slidr	16,200	5,086	2004	0.31	4,147	0.26
Forest	Lovers Lane	Portage	Subcollector	Portage	2	24	66	25	Pvd Slidr	16,200	1,620	2004	0.30	8,961	0.55
Zylman	Portage	Sprinkle	Collector	Portage	2	24	66	45	No	16,200	4,932	2004	0.30	7,331	0.45
S 12th St.	N. City Limits	Hickory Hill	Minor Art.	KCRC	2	22	66	45	Yes	16,200	8,009	2004	0.49	7,331	0.45
S 12th St.	Brarfill	Milham	Minor Art.	KCRC	3	44	66	45	Yes	16,200	4,956	2004	0.31	9,646	0.60
S 12th St.	Milham	Golden Ridge	Minor Art.	KCRC	2	24	66	45-55	No	16,200	6,576	2004	0.41	9,646	0.60
S 12th St.	Norfolk Circle	Whipponwill	Minor Art.	KCRC	2	24	66	45-55	No	16,200	5,034	2004	0.31	7,607	0.47
S 12th St.	Centre	S Ave	Minor Art.	KCRC	2	21	66	55	No	16,200	1,533	2004	0.09	1,274	0.08
S 12th St.	R Ave	S Ave	Minor Art.	KCRC	2	21	66	55	No	16,200	1,105	2004	0.07	1,105	0.07
S 12th St.	S Ave	S. City Limits	Minor Art.	KCRC	2	21	66	55	No	16,200	1,105	2004	0.07	1,105	0.07

**Table C-4:
Existing Thoroughfare Street Segment Characteristics**

Street	From	To	Street Class	Jurisdiction	Lanes	Pavement Width	ROW Width	Posted Speed	Curb & Gutter	Daily Capacity	Daily Traffic	Year	Present V/C Ratio	2030 ADT (a)	2030 V/C Ratio
Nash	E Shore	Sprinkle	Subcollector	Portage	2	22	66	25	No	16,200	251	2004	0.02	227	0.01
East Shore	Mandigo	Nash	Subcollector	Portage	2	22	30 to 66	25-35	No	16,200	768	2004	0.05	695	0.04
East Shore	Nash	Cox's Drive	Subcollector	Portage	2	22	30	25	No	16,200	478	2004	0.03	1,521	0.09
Mandigo	Portage	E. Shore	Subcollector	Portage	2	22	66	35	Pvd Slidr	16,200	1,088	2004	0.07	1,582	0.10
Newport	Milham	Alfa	Collector	Portage	2	28	66 to 99	25	Yes	17,000	6,443	2004	0.38	6,347	0.37
Newport	Alfa	Gladys	Collector	Portage	2	34	66	25	Yes	16,200	6,540	2004	0.40	6,309	0.39
Gladys	Newport	Gladys Ser Dr	Collector	Portage	2	22	66	25	No	16,200	2,140	2004	0.13	5,140	0.32
Bacon	Gladys Ser Dr	Westnedge	Collector	Portage	3	36	66 to 100+	25	Yes	25,200	7,451	2004	0.30	8,739	0.35
Meredith	Westnedge	Portage	Collector	Portage	2	24	66	35	Pvd Slidr	16,200	1,860	2004	0.11	1,947	0.12
Melody	Kilgore	Sprinkle	Subcollector	Portage	3	33	51 to 66	30	Pvd Slidr	16,200	5,670	2004	0.35	3,740	0.23
Melody	Shaver	Dolphin	Collector	Portage	2	22	66	25	No	16,200	1,591	2004	0.10	3,029	0.19
Melody	Dolphin	Westnedge	Collector	Portage	2	34	66	25	Yes	16,200	1,596	2004	0.10	3,540	0.22
Ramona	Lovers Lane	Portage	Collector	Portage	2	22	66	25	No	16,200	2,061	2004	0.13	3,470	0.21
Cox's Drive	E Shore	Zylman	Collector	Portage	2	22	66	25	No	16,200	878	2004	0.05	3,468	0.21
Cox's Drive	Zylman	Centre	Collector	Portage	2	22	66	25	No	16,200	886	2004	0.05	3,500	0.22
Winters	Lovers Lane	Portage	Collector	Portage	2	24	66	25	Pvd Slidr	16,200	2,095	2004	0.13	3,044	0.19
Old Centre	Centre	Cooley	Collector	Portage	2	22	66	30	No	16,200	2,284	2004	0.14	1,483	0.09
Old Centre	Cooley	Moorsbridge	Collector	Portage	2	34	66	30	Yes	16,200	2,165	2004	0.13	1,481	0.09

Source: City of Portage Department of Transportation and Utilities

**Table C-5
2003-2005 Traffic Crashes By Intersection**

No.	Intersection	Crash Frequency by Year												Estimated Vehicles Per Day (EVPD) (Average 2003-05)	Average Crash Rate Per Million Estimated Vehicles (MEV)			
		2003			2004			2005			Average/Year				Total	Injury	Fatal	Severity
		Total	Injury	Fatal	Total	Injury	Fatal	Total	Injury	Fatal	Total	Injury	Fatal					
1	Westnedge & Kilgore	35	9	0	30	5	0	31.67	5.00	0.00	46.67	39,151	2.22	0.35	0.00	3.27		
2	Westnedge & Andy	24	4	0	22	6	0	24.33	4.33	0.00	37.33	38,871	1.72	0.31	0.00	2.63		
3	Westnedge & Dawnlee	14	1	0	12	1	0	13.33	1.67	0.00	18.33	39,699	0.92	0.12	0.00	1.27		
4	Westnedge & Idaho	18	5	0	10	1	0	12.67	2.33	0.00	19.67	41,753	0.83	0.15	0.00	1.29		
5	Westnedge & Milham	44	12	0	37	6	0	36.33	7.00	0.00	57.33	53,591	1.86	0.36	0.00	2.93		
6	Westnedge & Southland/Plaza	2	1	0	1	0	0	2.33	0.33	0.00	3.33	35,376	0.18	0.03	0.00	0.26		
7	Westnedge & Mall/Gladys	47	8	0	41	5	0	41.33	7.67	0.00	64.33	38,892	2.91	0.54	0.00	4.53		
8	Westnedge & Ruth	17	2	0	10	0	1	14.67	2.67	0.33	26.67	34,065	1.18	0.21	0.03	2.14		
9	Westnedge & J.L. Hudson	7	2	0	11	1	0	10.00	2.00	0.00	16.00	34,699	0.79	0.16	0.00	1.26		
10	Westnedge & Romence	49	11	0	50	7	0	42.67	7.33	0.00	64.67	38,968	3.00	0.52	0.00	4.55		
11	Westnedge & Garden Lane	4	0	0	4	0	0	3.67	0.67	0.00	5.67	22,796	0.44	0.08	0.00	0.68		
12	Westnedge & Schuring	5	0	0	6	3	0	5.33	1.00	0.00	8.33	22,796	0.64	0.12	0.00	1.00		
13	Westnedge & Shaver	9	2	0	5	1	0	6.00	1.67	0.00	11.00	22,839	0.72	0.20	0.00	1.32		
14	Westnedge & Centre	9	1	0	12	0	0	12.67	1.33	0.00	16.67	32,204	1.08	0.11	0.00	1.42		
15	Shaver & Centre	21	6	0	20	8	0	20.00	6.00	0.00	38.00	33,763	1.62	0.49	0.00	3.08		
16	Shaver & Melody	2	2	0	7	3	0	5.67	3.00	0.00	14.67	20,140	0.77	0.41	0.00	2.00		
17	Shaver & Oakland	11	2	0	11	1	0	11.00	1.33	0.00	15.00	15,323	1.97	0.24	0.00	2.88		
18	Oakland & Milham	32	4	0	35	6	0	30.67	4.67	0.00	44.67	48,516	1.73	0.26	0.00	2.52		
19	Oakland & Romence	22	8	0	8	3	0	12.67	4.67	0.00	26.67	27,204	1.28	0.47	0.00	2.89		
20	Oakland & Centre	21	4	0	23	5	0	22.33	4.67	0.00	36.33	33,398	1.83	0.38	0.00	2.98		
21	Centre & Lovers Lane	8	2	0	16	2	0	10.33	1.67	0.00	15.33	27,333	1.04	0.17	0.00	1.54		
22	Milham & Monticello/Devon	4	0	0	3	1	1	4.33	1.00	0.33	11.33	27,731	0.43	0.10	0.03	1.12		
23	Milham & Constitution	9	1	0	11	2	0	10.00	1.67	0.00	15.00	33,613	0.82	0.14	0.00	1.22		
24	Milham & Oregon	4	0	0	6	1	0	4.33	0.33	0.00	5.33	23,645	0.50	0.04	0.00	0.62		
25	Lovers Lane & Kilgore	9	2	0	11	1	0	7.67	1.00	0.00	10.67	29,441	0.71	0.09	0.00	0.99		
26	Lovers Lane & Milham	6	1	0	9	1	0	7.00	1.00	0.00	10.00	25,559	0.75	0.11	0.00	1.07		
27	Lovers Lane & Romence	23	8	0	18	2	0	18.67	5.00	0.00	33.67	24,946	2.05	0.55	0.00	3.70		
28	Constitution & Mail	10	1	0	1	1	0	5.67	1.33	0.00	9.67	19,441	0.80	0.19	0.00	1.36		
29	Romence & Sears	9	3	0	8	3	0	7.00	2.33	0.00	14.00	21,516	0.89	0.30	0.00	1.78		
30	Mail & J.C. Penney	3	1	0	3	1	0	2.00	0.67	0.00	4.00	15,151	0.36	0.12	0.00	0.72		
31	Constitution & Romence	8	1	0	5	2	0	8.00	1.33	0.00	12.00	21,204	1.03	0.17	0.00	1.55		
32	Portage & Winters	5	2	0	4	3	0	4.00	2.33	0.00	11.00	29,323	0.37	0.22	0.00	1.03		
33	Portage & Milham	4	0	0	6	1	0	6.33	1.00	0.00	9.33	29,000	0.60	0.09	0.00	0.88		
34	Portage & Romence	1	0	0	6	0	0	7.33	1.00	0.00	10.33	33,118	0.61	0.08	0.00	0.85		
35	Portage & Centre	16	2	0	31	8	0	21.00	4.33	0.00	34.00	32,903	1.75	0.36	0.00	2.83		

TABLE C-6
2003-2005 TRAFFIC CRASHES BY SEGMENT

No.	Street	From	To	2003			2004			2005			Average/Year			Average Daily Traffic (ADT) 2003-05			Length (mile)			Average Crash Rate Per Million Vehicle Miles (MVM)		
				Total	Injury	Fatal	Total	Injury	Fatal	Total	Injury	Fatal	Total	Injury	Fatal	Severity	Total	Injury	Fatal	Severity	Total	Injury	Fatal	Severity
1	Westnedge	Kilgore	Andy	67	16	0	50	8	0	36	12	0	51.00	12.00	0.00	87.00	37,792	0.317	11.68	2.74	0.00	19.90		
2	Westnedge	Andy	Idaho	76	11	0	78	13	0	71	14	0	75.00	12.67	0.00	113.00	45,562	0.471	9.58	1.62	0.00	14.43		
3	Westnedge	Idaho	Milham	39	11	0	40	6	0	20	1	0	33.00	6.00	0.00	51.00	58,526	0.250	6.18	1.12	0.00	9.55		
4	Westnedge	Milham	Mall	75	16	0	72	16	0	73	16	0	73.33	16.00	0.00	121.33	40,271	0.373	13.38	2.92	0.00	22.13		
5	Westnedge	Mall	Ruth	53	10	0	47	6	1	48	11	0	49.33	9.00	0.33	80.33	40,549	0.162	20.58	3.75	0.14	33.50		
6	Westnedge	Ruth	Hudson	2	1	0	4	0	0	7	4	0	4.33	1.67	0.00	9.33	36,817	0.201	1.60	0.62	0.00	3.46		
7	Westnedge	Hudson	Romence	52	15	0	43	8	0	49	2	0	48.00	8.33	0.00	73.00	34,259	0.271	14.16	2.46	0.00	21.54		
8	Westnedge	Romence	Garden Lane	21	5	0	31	8	0	23	4	0	25.00	5.67	0.00	42.00	32,515	0.348	6.05	1.37	0.00	10.17		
9	Westnedge	Garden Ln.	Schuring	2	0	0	8	3	0	7	1	0	5.67	1.33	0.00	9.67	24,150	0.155	4.15	0.98	0.00	7.08		
10	Westnedge	Schuring	Shaver	8	0	0	2	0	0	7	2	0	5.67	0.67	0.00	7.67	24,147	0.342	1.88	0.22	0.00	2.54		
11	Westnedge	Shaver	Centre	10	3	0	6	1	0	3	1	0	6.67	1.67	0.00	11.67	20,061	0.184	4.95	1.24	0.00	8.66		
12	Westnedge	Centre	Melody	11	1	0	14	2	0	6	0	0	10.00	1.00	0.00	13.00	9,753	0.533	5.27	0.53	0.00	6.85		
13	Westnedge	Melody	Osterhout	14	2	0	17	2	0	11	1	0	14.00	1.67	0.00	19.00	4,014	1.974	4.84	0.58	0.00	6.57		
14	Milham	12th	Heverly	10	2	0	13	2	0	15	1	0	12.67	1.67	0.00	17.67	12,123	1.386	2.07	0.27	0.00	2.88		
15	Milham	Heverly	Oakland	13	2	0	12	3	0	9	2	0	11.33	2.33	0.00	18.33	14,580	0.377	5.65	1.16	0.00	9.14		
16	Milham	Oakland	Constitution	36	8	0	51	9	1	38	6	0	41.67	7.67	0.33	68.67	24,300	0.629	7.47	1.37	0.06	12.31		
17	Milham	Constitution	Westnedge	33	7	0	34	9	0	28	5	0	31.67	7.00	0.00	52.67	15,959	0.626	8.68	1.92	0.00	14.44		
18	Milham	Westnedge	Conrail RR	9	1	0	5	0	0	14	5	0	9.33	2.00	0.00	15.33	9,991	0.506	5.06	1.08	0.00	8.31		
19	Milham	Conrail RR	Lovers Lane	2	0	0	3	0	0	3	0	0	2.67	0.00	0.00	2.67	10,975	0.256	2.60	0.00	0.00	2.60		
20	Milham	Lovers Lane	Portage	8	1	0	6	0	0	12	0	0	8.67	0.33	0.00	9.67	8,357	0.746	3.81	0.15	0.00	4.25		
21	Milham	Sprinkle	E City Limits	1	0	0	0	0	0	0	0	0	0.33	0.00	0.00	0.33	2,325	0.516	0.76	0.00	0.00	0.76		
22	Oakland	Kilgore	I-94	31	3	0	37	8	0	22	3	0	30.00	4.67	0.00	44.00	22,814	0.498	7.23	1.13	0.00	10.61		
23	Oakland	I-94	Milham	46	4	0	28	5	0	24	6	0	32.67	5.00	0.00	47.67	33,920	0.543	4.86	0.74	0.00	7.09		
24	Oakland	Milham	Romence	41	9	0	28	9	0	22	3	0	30.33	7.00	0.00	51.33	15,491	1.005	5.34	1.23	0.00	9.03		
25	Oakland	Romence	Centre	10	2	0	10	0	0	1	0	0	7.00	0.67	0.00	9.00	12,817	1.001	1.49	0.14	0.00	1.92		
26	Oakland	Centre	Shaver	15	4	0	13	4	0	12	4	0	13.33	4.00	0.00	25.33	5,900	1.981	3.13	0.94	0.00	5.94		
27	Oakland	Shaver	Osterhout	5	1	0	6	1	0	3	0	0	4.67	0.67	0.00	6.67	5,267	0.473	5.13	0.73	0.00	7.33		
28	Oakland	Osterhout	S. City Limits	1	0	0	2	0	0	3	2	0	2.00	0.67	0.00	4.00	5,022	0.501	2.18	0.73	0.00	4.36		
29	Portage	Kilgore	Milham	41	15	1	47	12	0	37	10	0	41.67	12.33	0.33	82.67	22,270	1.145	4.48	1.33	0.04	8.88		
30	Portage	Milham	Centre	31	3	0	38	8	0	46	8	0	38.33	6.33	0.00	57.33	22,210	2.014	2.35	0.39	0.00	3.51		
31	Portage	Centre	Lakeview	31	11	0	29	6	0	37	9	0	32.33	8.67	0.00	58.33	15,281	1.964	4.25	1.14	0.00	7.67		
32	Portage	Lakeview	Mandigo	22	5	0	26	3	0	22	6	1	23.33	4.67	0.33	41.33	12,522	1.707	2.99	0.60	0.00	5.30		
33	Sprinkle	Kilgore	Meredith	3	0	0	2	0	0	6	2	0	3.67	0.67	0.00	5.67	22,818	0.422	1.04	0.19	0.00	1.61		
34	Sprinkle	Meredith	Milham	5	1	0	0	0	0	0	0	0	2.67	0.33	0.00	3.67	19,174	0.812	0.47	0.06	0.00	0.65		
35	Sprinkle	Milham	Bishop	33	8	0	42	11	0	33	13	0	36.00	10.67	0.00	68.00	19,225	1.008	5.10	1.51	0.00	9.63		
36	Sprinkle	Bishop	Centre	20	8	1	6	1	0	12	4	0	12.67	4.33	0.33	29.67	16,194	1.009	2.12	0.73	0.06	4.97		
37	Sprinkle	Centre	Zyman	19	3	0	17	3	0	10	4	0	15.33	3.33	0.00	25.33	11,498	0.505	7.23	1.57	0.00	11.95		
38	Centre	12th	Oakland	60	8	0	68	18	0	67	14	0	65.00	13.33	0.00	105.00	27,528	1.887	3.43	0.70	0.00	5.54		
39	Centre	Oakland	Westnedge	39	11	0	33	8	0	50	8	0	40.67	9.00	0.00	67.67	24,329	1.258	3.64	0.81	0.00	6.06		
40	Centre	Westnedge	Waylee	15	2	0	15	3	0	12	3	0	14.00	2.67	0.00	22.00	20,809	0.222	8.30	1.58	0.00	13.05		
41	Centre	Waylee	Portage	22	0	0	35	4	0	17	1	0	24.67	1.67	0.00	29.67	16,710	1.283	3.15	0.21	0.00	3.79		
42	Centre	Portage	Sprinkle	7	0	0	11	0	0	9	1	0	9.00	0.33	0.00	10.00	10,205	1.001	2.41	0.09	0.00	2.68		

TABLE C-6
2003-2005 TRAFFIC CRASHES BY SEGMENT

No.	Street	From	To	2003			2004			2005			Average/Year			Average Daily Traffic (ADT) 2003-05	Length (mile)	Average Crash Rate Per Million Vehicle Miles (MVM)				
				Total	Injury	Fatal	Total	Injury	Fatal	Total	Injury	Fatal	Total	Injury	Fatal			Total	Injury	Fatal	Severity	
43	Centre	Sprinkle	E City Limits	0	0	0	1	0	0	0	0	0	0	0	0	0.33	10,222	0.17	0.00	0.00	0.17	
44	Romence	Angling	Oakland	10	2	0	11	4	0	6	3	0	9.00	3.00	0.00	18.00	9,139	1.145	0.26	0.79	0.00	4.71
45	Romence	Oakland	Sears	39	10	0	24	6	0	18	5	0	27.00	7.00	0.00	48.00	14,237	0.988	5.26	1.36	0.00	9.35
46	Romence	Sears	Westnedge	26	7	0	32	7	0	21	2	0	26.33	5.33	0.00	42.33	19,822	0.268	13.58	2.75	0.00	21.83
47	Romence	Westnedge	Lovers Lane	22	4	0	20	1	0	10	1	0	17.33	2.00	0.00	23.33	14,987	0.758	4.27	0.49	0.00	5.74
48	Romence	Lovers Lane	Portage	8	0	0	12	2	0	14	1	0	11.33	1.00	0.00	14.33	12,073	0.756	3.40	0.30	0.00	4.30
49	Romence	Portage	Mastenbrook	2	0	0	1	0	0	4	0	0	2.33	0.00	0.00	2.33	10,292	0.503	1.23	0.00	0.00	1.23
50	Romence	Mastenbrook	Sprinkle	5	2	0	7	1	0	5	1	0	5.67	1.33	0.00	9.67	8,510	0.493	3.70	0.87	0.00	6.31
51	Bishop	Sprinkle	E City Limits	1	0	0	2	1	0	4	0	0	2.33	0.33	0.00	3.33	2,386	0.536	5.00	0.71	0.00	7.14
52	Lovers Lane	Kilgore	I-94	11	4	0	9	2	0	8	0	0	9.33	2.00	0.00	15.33	13,468	0.426	4.46	0.96	0.00	7.32
53	Lovers Lane	I-94	Milham	13	2	0	8	2	0	9	1	0	10.00	1.67	0.00	15.00	10,983	0.608	4.10	0.68	0.00	6.15
54	Lovers Lane	Milham	Ramona	8	1	0	18	1	0	2	1	0	9.33	1.00	0.00	12.33	9,995	0.645	3.97	0.42	0.00	5.24
55	Lovers Lane	Ramona	Centre	29	9	0	17	5	0	24	6	0	23.33	6.67	0.00	43.33	13,634	1.398	4.80	1.20	0.00	6.23
56	Lovers Lane	Centre	Forest	3	1	0	3	0	0	2	1	0	2.67	0.67	0.00	4.67	2,622	0.581	3.50	0.96	0.00	8.39
57	Kilgore	Westnedge	Burdick	18	5	0	22	5	0	31	5	0	23.67	5.00	0.00	38.67	16,213	0.501	7.98	1.69	0.00	13.04
58	Kilgore	Burdick	Lovers Lane	7	1	0	3	1	0	1	0	0	3.67	0.67	0.00	5.67	18,838	0.259	2.06	0.37	0.00	3.18
59	Kilgore	Lovers Lane	Portage	28	5	0	26	4	0	26	4	0	26.67	4.33	0.00	39.67	10,849	0.966	6.97	1.13	0.00	10.37
60	Angling	Merryview	Vincent	1	0	0	1	0	0	0	0	0	0.67	0.00	0.00	0.67	1,418	0.597	2.16	0.00	0.00	2.16
61	Vincent	Angling	Oakland	2	1	0	2	1	0	0	0	0	1.33	0.67	0.00	3.33	1,329	0.747	3.68	1.84	0.00	9.20
62	Angling	Milham	Romence	3	0	0	4	1	0	4	0	0	3.67	0.33	0.00	4.67	3,938	1.104	2.31	0.21	0.00	2.94
63	Angling	Romence	Centre	3	2	0	7	1	0	5	1	0	5.00	1.33	0.00	9.00	5,024	1.286	2.12	0.57	0.00	3.82
64	Angling	Centre	Vanderbilt	1	0	0	4	0	0	3	2	0	2.67	0.67	0.00	4.67	1,429	0.875	5.84	1.46	0.00	10.23
65	Vanderbilt	Angling	Shaver	9	2	0	7	1	0	3	2	0	6.33	1.67	0.00	11.33	1,779	2.265	4.31	1.13	0.00	7.71
66	Osterhout	Shaver	Westnedge	8	0	0	7	0	0	4	1	0	6.00	0.33	0.00	7.33	4,597	1.528	2.47	0.13	0.00	2.86
67	Osterhout	Westnedge	Portage	10	0	0	4	1	0	4	0	0	6.00	0.33	0.00	7.00	4,329	1.011	3.76	0.21	0.00	4.38
68	Shaver	Westnedge	Centre	12	1	0	12	4	0	6	3	0	10.00	2.67	0.00	18.00	24,518	0.181	6.17	1.65	0.00	11.11
69	Shaver	Centre	Vanderbilt	16	7	0	20	4	0	16	4	0	17.33	5.00	0.00	32.33	18,114	1.441	1.82	0.52	0.00	3.39
70	Shaver	Vanderbilt	S City Limits	26	1	1	20	4	0	16	2	0	20.67	2.33	0.33	31.67	8,010	2.004	3.53	0.40	0.06	5.40
71	Moorsbridge	Centre	N Old Centre	1	0	0	1	0	0	2	0	0	1.33	0.00	0.00	1.33	3,956	0.347	2.66	0.00	0.00	2.66
72	Moorsbridge	N Old Centre	Muirfield	1	0	0	3	1	0	6	1	0	3.33	0.67	0.00	5.33	3,457	0.757	3.49	0.70	0.00	5.58
73	Moorsbridge	Muirfield	Romence	0	0	0	4	0	0	1	0	0	1.67	0.00	0.00	1.67	3,989	0.489	2.34	0.00	0.00	2.34
74	Schuring	Oakland	Westnedge	8	2	0	1	0	0	6	0	0	5.00	0.67	0.00	7.00	633	1.258	17.20	2.29	0.00	24.08
75	Garden Ln.	Westnedge	Lovers Lane	5	0	0	5	1	0	1	0	0	3.67	0.33	0.00	4.67	2,456	0.808	5.06	0.46	0.00	6.43
76	Mall	Constitution	JC Penney	4	0	0	4	0	0	5	1	0	4.33	0.33	0.00	5.33	8,331	0.401	3.55	0.27	0.00	4.37
77	Mall	JC Penney	Westnedge	22	3	0	12	2	0	10	1	0	14.67	2.00	0.00	20.67	13,754	0.202	14.46	1.97	0.00	20.38
78	Constitution	Milham	Mall	13	1	0	11	1	0	18	2	0	14.00	1.33	0.00	18.00	19,804	0.870	2.23	0.21	0.00	2.86
79	Constitution	Mall	Romence	13	1	0	6	5	0	8	2	0	9.00	2.67	0.00	17.00	4,464	1.193	4.63	1.37	0.00	8.75
80	Forest	Lovers Lane	Portage	0	0	0	1	0	0	1	0	0	0.67	0.00	0.00	0.67	1,932	0.772	1.22	0.00	0.00	1.22
81	Zylman	Portage	Sprinkle	1	0	0	6	0	0	3	0	0	3.33	0.00	0.00	3.33	4,370	1.067	1.96	0.00	0.00	1.96
82	S 12th St.	N City Limits	Briarhill	2	0	0	3	0	0	4	2	0	3.00	0.67	0.00	5.00	4,932	0.808	2.06	0.46	0.00	3.44
83	S 12th St.	Briarhill	Milham	1	1	0	1	1	0	3	0	0	1.67	0.67	0.00	3.67	8,009	0.276	2.07	0.83	0.00	4.54
84	S 12th St.	Milham	Golden Ridge	2	1	0	1	0	0	2	1	0	1.67	0.67	0.00	3.67	4,956	1.537	0.60	0.24	0.00	1.32
85	S 12th St.	Golden Ridge	Centre	4	2	0	4	2	0	10	3	0	6.00	2.33	0.00	13.00	6,576	1.915	1.31	0.51	0.00	2.83
86	S 12th St.	Centre	Whipporwill	1	1	0	3	1	0	3	1	0	2.33	1.00	0.00	5.33	5,034	0.967	1.31	0.56	0.00	3.00
87	S 12th St.	R Ave.	S Ave.	1	0	0	1	0	0	0	0	0	0.67	0.00	0.00	0.67	1,533	1.006	1.19	0.00	0.00	1.19
88	S 12th St.	S Ave.	S city limits	1	0	0	1	0	0	1	0	0	1.00	0.00	0.00	1.00	1,105	1.002	2.47	0.00	0.00	2.47

**TABLE C-6
2003-2005 TRAFFIC CRASHES BY SEGMENT**

No.	Street	From	To	2003			2004			2005			Average/Year			Average Daily Traffic (ADT) 2003-05	Length (mille)	Average Crash Rate Per Million Vehicle Miles (MVM)				
				Total	Injury	Fatal	Total	Injury	Fatal	Total	Injury	Fatal	Total	Injury	Fatal			Severity				
89	Nash	E Shore	Sprinkle	0	0	0	0	0	0	2	1	0	0	0.67	0.33	0.00	1.67	22.81	11.41	0.00	57.03	
90	East Shore	Mandigo	Nash	2	1	0	2	1	0	1	0	0	1.67	0.67	0.00	3.67	788	5.55	2.22	0.00	12.20	
91	East Shore	Nash	Cox's Dr	2	0	0	0	0	0	0	0	0	0.67	0.00	0.00	0.67	478	2.39	0.00	0.00	2.39	
92	Mandigo	Portage	E Shore	0	0	0	2	0	0	2	1	0	1.33	0.33	0.00	2.33	1,088	2.22	0.56	0.00	3.89	
93	Newport	Milham	Charlie	5	1	0	2	0	0	3	0	0	3.33	0.33	0.00	4.33	6,443	2.63	0.26	0.00	3.42	
94	Glady's	Charlie	Westnedge	7	0	0	3	1	0	3	0	0	4.33	0.33	0.00	5.33	7,451	4.31	0.33	0.00	5.30	
95	Bacon	Westnedge	Portage	4	0	0	3	2	0	1	0	0	2.67	0.67	0.00	4.67	1,860	3.70	0.93	0.00	6.48	
96	Mereditth	Kligore	Sprinkle	6	2	0	12	1	0	4	2	0	7.33	1.67	0.00	12.33	5,670	11.21	2.55	0.00	18.86	
97	Melody	Shaver	Dolphin	0	0	0	2	1	0	0	0	0	0.67	0.33	0.00	1.67	1,591	0.077	7.45	0.00	37.27	
98	Melody	Dolphin	Westnedge	2	0	0	1	0	0	2	2	0	1.67	0.67	0.00	3.67	1,596	3.46	8.27	3.31	0.00	18.19
99	Ramona	Lovers Lane	Portage	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	2,061	0.750	0.00	0.00	0.00	0.00
100	Cox's Dr	East Shore	Zylman	0	0	0	1	0	0	0	0	0	0.33	0.00	0.00	0.33	878	6.30	0.00	0.00	6.30	
101	Cox's Dr	Zylman	E Centre	0	0	0	1	0	0	1	0	0	0.67	0.00	0.00	0.67	896	4.14	0.00	0.00	4.14	
102	Winters	Lovers Lane	Portage	1	1	0	1	0	0	0	0	0	0.67	0.33	0.00	1.67	2,095	0.498	1.15	0.58	0.00	2.88
103	Old Centre	Centre	Cooley	1	0	0	1	1	0	0	0	0	0.67	0.33	0.00	1.67	2,284	0.330	2.42	1.21	0.00	6.06
104	Old Centre	Cooley	Moorsbridge	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	2,165	0.258	0.00	0.00	0.00	0.00
105	Sprinkle	Zylman	Nash	12	2	0	21	4	0	12	2	0	15.00	2.67	0.00	23.00	11,972	1.94	0.35	0.00	2.98	

MATERIALS TRANSMITTED

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CITY COUNCIL MEETING MINUTES FROM FEBRUARY 23, 2010

The Regular Meeting was called to order by Mayor Peter J. Strazdas at 7:30 p.m.

Mayor Strazdas introduced Portage Northern High School Student Senate Adviser Rick Searing, who provided a review of the Mayor and City Council for the Day Program activities and thanked Mayor Strazdas and City Council for the opportunity to learn about local government through hands-on participation.

Mayor Strazdas called forth the student who was voted Student Mayor for the Day, Jordan Wolf, and Mr. Hudson administered the Oath of Office to her. Mayor Strazdas called forth the students who were elected Student Councilmembers for the Day from Portage Northern High School: Joey Droppers, Nate Rajpoot and Joe Schulte, and from Portage Central High School: Lauren Brown, Mari Schoolmaster and Tony Beranke, and City Clerk James R. Hudson administered the Oath of Office to them. The Student Mayor and Student Councilmembers took their seats at the dais.

Student Mayor Jordan Wolf introduced Pastor Ken Hale of the Victory Baptist Church of Portage, who gave the invocation and the City Council and the audience recited the Pledge of Allegiance led by Cub Scout Pack 287 and Boy Scout Troop No. 244. Discussion followed.

The City Clerk called the roll with the following members present: Councilmembers Elizabeth A. Campbell, Margaret E. O'Brien, Claudette S. Reid, Terry R. Urban and Patricia M. Randall, Mayor Pro Tem Edward J. Sackley and Mayor Peter J. Strazdas. Also in attendance were Deputy City Manager Brian J. Bowling, City Attorney Randall Brown and City Clerk James R. Hudson.

The City Clerk called the Student Mayor and Student Councilmember roll with the following members present: Jordan Wolf, Joey Droppers, Nate Rajpoot and Joe Schulte, Lauren Brown, Mari Schoolmaster and Tony Beranke.

APPROVAL OF MINUTES: Motion by Sackley, seconded by O'Brien, to approve the February 9, 2010 Regular Meeting Minutes as presented. Upon a voice vote, motion carried 6 to 0 with Mayor Strazdas abstaining.

* **CONSENT AGENDA:** Student Mayor Wolf asked all of the Student Councilmembers to share in the reading of the Consent Agenda. Councilmember Campbell asked that Item L.1, Water Resource Manuals Update, be removed from the Consent Agenda. Motion by O'Brien, seconded by Urban, to approve the Consent Agenda motions as amended. Upon a roll call vote, motion carried 7 to 0.

* **APPROVAL OF CHECK REGISTER OF FEBRUARY 23, 2010:** Motion by O'Brien, seconded by Urban, to approve the Check Register of February 23, 2010. Upon a roll call vote, motion carried 7 to 0.

REPORTS FROM THE ADMINISTRATION:

* **COMPREHENSIVE LIABILITY, PROPERTY AND AUTO FLEET INSURANCE COVERAGE:** Motion by O'Brien, seconded by Urban, to approve a one-year agreement for comprehensive liability, property and auto fleet insurance through the Michigan Municipal Risk Management Authority at a total not-to-exceed cost of \$544,284 for the period of March 1, 2010, to March 1, 2011, and authorize the City Manager to execute all documents related to the action on behalf of the city. Upon a roll call vote, motion carried 7 to 0.

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* **SOUTH WESTNEDGE PARK AND FORMER PARKS MAINTENANCE FACILITY GROUNDWATER MONITORING PROGRAM:** Motion by O'Brien, seconded by Urban, to award a contract to American Hydrogeology Corporation to perform the 2010 annual groundwater sampling and reporting for the South Westnedge Park and former Parks Maintenance Facility in the not-to-exceed amount of \$13,000 with an option to renew the contract for two additional years and authorize the City Manager to execute all documents related to the contract on behalf of the city. Upon a roll call vote, motion carried 7 to 0.

* **WEST LAKE MANAGEMENT PROGRAM SPECIAL ASSESSMENT DISTRICT NO. 011-Q - RESOLUTION NO. 4:** Motion by O'Brien, seconded by Urban, to adopt Resolution No. 4 for the West Lake Management Program Special Assessment District No. 011-Q, setting a public hearing of necessity on the Assessment Roll for March 9, 2010, at 7:30 p.m. or as soon thereafter as may be heard. Upon a roll call vote, motion carried 7 to 0.

* **ELECTION POLLING PLACES AND RATE OF COMPENSATION RESOLUTION:** Motion by O'Brien, seconded by Urban, to adopt the Resolution Designating Polling Places and Rate of Compensation for the May 4, 2010 Consolidated School Election. Upon a roll call vote, motion carried 7 to 0.

* **JANUARY 2010 SUMMARY ENVIRONMENTAL ACTIVITY REPORT – INFORMATION ONLY:** Motion by O'Brien, seconded by Urban, to receive the communication from the City Manager regarding the January 2010 Summary Environmental Activity Report as information only. Upon a roll call vote, motion carried 7 to 0.

* **DEPARTMENT MONTHLY REPORTS:** Motion by O'Brien, seconded by Urban, to receive the Department Monthly Reports from the various city departments. Upon a roll call vote, motion carried 7 to 0.

COMMUNICATION:

GREG ROSINE, KALAMAZOO COUNTY TRANSPORTATION AUTHORITY VICE CHAIR, REGARDING THE FY 2009 ANNUAL REPORT: City Council received a Presentation from Kalamazoo County Transportation Authority Vice Chair Greg Rosine, 2326 Pine Ridge Road, Kalamazoo, regarding the FY 2009 Kalamazoo County Transportation Authority Annual Report. Mr. Rosine indicated that work towards one bus system instead of two bus systems can continue in earnest once the Comprehensive Operational Analysis is completed. In response to Councilmember Reid, he asked that the public provide input by writing the Kalamazoo Transit Authority or attend one of the meetings. Discussion followed.

UNFINISHED BUSINESS:

RESOLUTION IN SUPPORT OF THE LEGISLATIVE COMMISSION ON STATUTORY MANDATES: At the request of Mayor Strazdas, Deputy City Manager Brian Bowling explained that a report to City Council was provided and a Resolution in Support of the Legislation Commission on Statutory Mandates was before them for consideration.

Councilmember O'Brien provided a reminder that this request for a Resolution stemmed from a visit by State Representative Larry DeShazor, who asked that cities and townships work together and work also with other public officials to address unfunded mandates. She pointed out that the Resolution

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was the first step in a demonstration of support. Mayor Pro Tem Sackley, Mayor Strazdas and Councilmember Urban spoke in favor of adopting the Resolution. Discussion followed.

Motion by O'Brien, seconded by Reid, to adopt the Resolution in Support of the Legislative Commission on Statutory Mandates. Discussion followed. Upon a roll call vote, motion carried 7 to 0.

* **MINUTES OF BOARDS AND COMMISSIONS:** City Council received the minutes of the:

Portage Senior Center Advisory Board of December 16, 2009.

Portage Human Services Board of January 7 and 21, 2010.

Portage Environmental Board of January 13, 2010.

Portage Planning Commission of January 21 and February 4, 2010.

BID TABULATION:

WATER RESOURCE MANUALS UPDATE: Councilmember Campbell recused herself from the discussion and expressed she would be abstaining from the vote on this item as her husband is employed by Fishbeck, Thompson, Carr & Huber, Incorporated.

Councilmember Reid referenced the reason given for selecting Fishbeck, Thompson, Carr & Huber, Incorporated, in the February 18, 2010 City Manager Communication was that the proposal clearly shows a depth of knowledge of the Portage area, sufficient project hours and qualified staff to successfully complete the project, but pointed out that it was the second highest proposal and no other criteria, such as the number of hours involved, had been presented for consideration. Based on the presumption that all of the companies that presented proposals and were listed on the bid tabulation met the minimum qualifications as outlined in the request for proposals, she questioned why none of the other companies with a lower bid were considered. Further, presuming Fishbeck, Thompson, Carr & Huber, Incorporated, had qualifications over and above what was mandated, she expressed her confusion as to why at least one of the other less expensive proposals were not recommended if the requirements were fully identified in the request for proposals.

Deputy City Manager Brian Bowling answered that selection of a consultant is based on a qualitative evaluation. Mr. Bowling further indicated that Fishbeck, Thompson, Carr & Huber, Incorporated, has been the stormwater consultant for the City of Portage for many years, and he emphasized that this consultant has a depth of knowledge giving them a distinct advantage over any other consultant wishing to bid on this project. He then stressed the importance of continuity in this area. He indicated that staff reviews these proposals by considering the cost factor, project hours submitted, the scope of the work as submitted, the qualifications of the firm and previous experience with the firm. He summarized by saying that staff recommended Fishbeck, Thompson, Carr & Huber, Incorporated, primarily because of their depth of knowledge of the systems and their involvement with the systems in Portage. He revealed that the hours contained in the bids range from 245 to 528 hours and the number of hours presented by Fishbeck, Thompson, Carr & Huber, Incorporated, was 463 hours.

In answer to Councilmember Reid's question whether a history and past experience with the city should be identified in the request for proposal, Mr. Bowling indicated that this was not the sole factor considered, and pointed out that the experience level of the firm of high quality would weigh into their evaluation, but there is an added cost to the community anytime staff engages a new firm because staff has to dedicate a significant number of hours to bring them up to speed.

In the interest of keeping costs as low as possible and to protect against a misperception by the citizens, Councilmember Reid wondered out loud whether there might be a way to make the request for professional services or consultants proposal requirements more clear. Mr. Bowling indicated that staff is open to all suggestions and continued his analysis for City Council. Mayor Pro Tem Sackley pointed out that it was unusual to have four bidders that meet the specifications of the request for proposal below

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the recommended bid and asked when does price come into play and used \$60,000 as an example. Mr. Bowling indicated that the bulk of the bids in this case were from \$41,000 to \$45,000, so the highest bid and the lowest bid were discarded because these would be considered responsible, confident bidders who know what they are bidding. Based upon that methodology, Mr. Bowling indicated that a \$60,000 bid from Fishbeck, Thompson, Carr & Huber, Incorporated, would also be discarded. Mayor Strazdas concurred and expressed an appreciation for the difference between a professional services contract and a contract for specifically defined goods, and questioned whether it is worth the \$4,000 spread in this case.

Councilmember Randall indicated that there would be no reason for a company to bid on a professional services contract if the City of Portage is going to award only to companies with whom they are comfortable. To her question regarding whether any effort is made to contact the low bidder to make sure they are covering the same project scope as the other bidders, Mr. Bowling answered that there is no guarantee that Fishbeck, Thompson, Carr & Huber, Incorporated, is even going to bid on the project; that the city puts these matters out for competitive bid to make sure we are getting the best buy; that if a company has worked for the City of Portage for years and has performed well, that this has a value; and, the question to ask is whether it is worth \$4,000 of staff time to educate a new consultant. Discussion followed. Mr. Bowling offered to provide more detail of the proposal if that was the wish of City Council, but no one requested it, and Mr. Bowling offered it for all professional contracts to come before City Council in the future. An analysis and discussion followed.

At the request of Councilmember Urban, Mr. Bowling provided the hours contained in the proposals and the cost per hour. An analysis and discussion followed.

City Engineer Chris Barnes indicated that this proposal for the services of a consultant was for a manual and mapping; that specialty mapping was required; and some of the companies have looked at the existing maps and explained the factors considered in the evaluation and ranking of the proposals. Mr. Barnes expressed his concern that Prein & Newhof bid less than one-half of the hours of everybody else, and that shaving cost to get the job becomes an issue. He explained the process of obtaining the best bid for professional services and the most cost effective means of getting the best services. Discussion followed.

Motion by O'Brien, seconded by Sackley, to accept the proposal submitted by Fishbeck, Thompson, Carr & Huber, Incorporated, in the amount of \$45,000 to update two water resource manuals and authorize the City Manager to execute all documents related to the contract on behalf of the city. Discussion followed.

Councilmember O'Brien referred to an e-mail she sent earlier to the Administration in which she asked what procedures are in place to protect against having a bidder present a low bid only to refuse to continue because they did not anticipate how much work was involved, or who may ask for a change order to complete the project, thus costing the City money. Discussion followed. Upon a roll call vote, motion carried 6 to 0 with Councilmember Campbell abstaining.

OTHER CITY MATTERS:

STATEMENTS OF STUDENT MAYOR AND STUDENT CITY COUNCIL FOR THE DAY: At the request of Mayor Strazdas, the Student Councilmembers and the Student Mayor expressed their appreciation for the opportunity to participate in the Student Council and Mayor for the Day Program. Each of them indicated that the experience was enjoyable, rewarding and enlightening.

STATEMENTS OF CITY COUNCIL AND CITY MANAGER: Mayor and City Council expressed their appreciation to the students who participated in the Student Council and Mayor for the Day Program.

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Councilmember Reid invited everyone to attend the Walk For Warmth, Saturday, February 27, 2010, at the First Baptist Church, Kalamazoo: 8:30 a.m., registration and refreshments, 9:00 a.m., the kick-off of the event, and 9:15 a.m., the Walk For Warmth event and, for more information, call (269) 373-5314 or email MLRODR@kalcounty.com.

Councilmember Randall announced that the Change of Assessment Notices are being mailed soon; that the Board of Review will be better informed than in the past; that appeals will be heard; and a greeter and refreshments will be made available for citizen participants.

Councilmember O'Brien highlighted an e-mail that she received and indicated that moving snow from your property on to the street is not allowed.

Mayor Strazdas read a commendation letter that he received from the J.C. Penney Company for Detective James Meyers who was instrumental in catching a criminal who was recruiting groups to shoplift large quantities of merchandise from several retail stores across the state of Michigan, saving over \$60,000 for the J.C. Penny Company.

ADJOURNMENT: Mayor Strazdas adjourned the meeting at 9:00 p.m.

James R. Hudson, City Clerk

*Indicates items included on the Consent Agenda.

SUMMARY ENVIRONMENTAL ACTIVITY REPORT
February 2010 (*updates in italics*)

<u>Project/Activity</u>	<u>Description</u>	<u>Status</u>
Portage City Landfill	Ongoing groundwater monitoring of former municipal landfill.	<p><i>-City Council awarded a 3 year contract to American Hydrogeologic Corporation on February 23, 2010 to perform annual groundwater sampling. The site groundwater data will continue to be monitored to confirm continuation of the natural attenuation process. Sampling shows continued improvement in groundwater quality. Sampling performed in May 2009. Annual report submitted in June 2009. General groundwater quality continues to improve, but site will require monitoring for the foreseeable future.</i></p>
Site Inspection/Development Project Review	Review of existing business & industries and review of proposed business and industrial development projects for environmental protection purposes and/or building plans completed.	<p>-Coordination with property owners and City or State agencies ongoing. <i>-Review of 2 site/building plans and/or plats completed in February 2010.</i></p>
Sewer Connection Program	Groundwater protection program requiring residential/business hookup to the sanitary sewer where available.	<p><i>-Sanitary sewer hookup permits issued in February 2010: 3 residential, 1 commercial.</i></p>
West Lake Management Program	Special assessment district designed to maintain/improve lake conditions.	<p>-Five Year Lake Management Assessment District process initiated (Resolution #1) on December 7, 2004. Resolution #3 was approved by City Council on January 11, 2005. Resolution #5 was adopted by City Council on February 8, 2005. On March 22, 2005, City Council approved a contract with Aquatic Services, Goodrich, MI, to perform annual weed treatment. West Lake currently working with the Kalamazoo County Drain Commissioner to create a filtration system on the Austin Lake Drain. On July 10, 2007, City Council authorized the Administration to submit a grant application in the amount of \$5,000 to the Kalamazoo Foundation to assist funding the filtration system. Construction bids received by the Drain Commissioner on November 14, 2006. Construction began on the Austin Dam reconstruction in December 2006 and new structure completed in March 2007. Filtration system construction was substantially completed in July 2008. On July 8, 2008, City Council awarded contracts to Aquatic Services, Inc. for the 2008 Weed Treatment Program and awarded a contract to ASI Environmental to perform watershed and vegetation</p>

survey. Weed treatment completed in July 2008. Fall weed and fish survey began in September and was completed in October. The Lake Association used Lake Shore Environmental, LLC. Spring 2009 weed control application was completed in June 2009. Lake Association currently working on new 5 year improvement plan and special assessment process through City Council.

Retention Basin Sampling Program
Investigation regarding potential impact of retention basins on groundwater.

-Historical monitoring continues to show minor impacts at most basins. From 1993 through 2005 the monitoring program showed stable groundwater impacts due to stormwater infiltration. Alternative road salt practices continue to be considered and evaluated. On April 11, 2006, City Council awarded contract to Kieser & Associates. 2008 semi-annual sampling complete. City staff has initiated a compilation of all city retention basin groundwater levels. 2008 annual report received with consistent water quality results. June 2009 sampling complete. *Winter sampling performed in early December 2009 with results submitted. Report under staff review.*

Wellhead Protection Program (WHPP)
Development of program to protect City well fields and surrounding area from contamination resulting from improper land use.

-Wellhead Protection Grant award received from MDEQ on August 30, 1999 and Council accepted the grant on October 5, 1999. Council also awarded contract to Earth Tech to complete WHPP. Earth Tech completed the final wellhead protection plan and MDEQ submittal was made on October 14, 2000. Plan was reviewed by MDEQ with written approval received in March, 2001. City staff made a presentation to the American Water Works Association at their April 25, 2008 meeting to highlight current city initiatives. Plan implementation is ongoing.

Leaf Compost Monitoring Program
Monitoring and analysis of groundwater at the new Oakland Drive Leaf Compost site.

-City Council awarded contract on August 21, 2001 to Soil & Materials Engineers for monitoring and analysis of groundwater impact of the new compost operation. Drilling was completed in October 2001 and first sampling cycle was completed in February 2002. Semi annual sampling was performed from 2002 to 2008 in June and January. Sampling and analysis results continue to show no groundwater impacts from the leaf composting. Sampling schedule reduced to annual sampling with results showing continued minor impact on groundwater quality. Sampling completed in July 2008 with minimal groundwater impacts noted. Sampling completed in July 2009 with minimal impacts.

National Pollution Discharge Elimination System (NPDES) permit implementation
Five year plan to implement the current NPDES stormwater permit.

-Received NPDES general permit on August 15, 2001. Renewal Application submission was made to MDEQ on March 7, 2003. Permit implementation is ongoing. New permit received in 2004 mandates involvement in several county watershed groups. City staff completed the submission of a Stormwater Pollution Prevention Initiative (SWPPI) as required by NPDES permit. SWPPI submitted

on October 21, 2005. Revised SWPPI to incorporate watershed management plans. Annual report was submitted December 29, 2006. SWPPI comments received from the MDEQ and revisions resubmitted. Public education plan submitted to MDEQ on October 31, 2007. Additional NPDES SWPPI data and public education plan submitted on November 6, 2007. Annual report was submitted December 31, 2007. The MDEQ approved the revised public education plan and SWPPI on January 15, 2008. Re-application for permit extension was submitted on March 24, 2008. New permit applications are due August 1, 2008 for a 5 year permit cycle. The permit application for the city was submitted to MDEQ on July 31, 2008. Annual permit report submitted in December 31, 2008. Next five year permit expected in fall 2009. New certificate of coverage permit was issued by MDEQ on September 30, 2009. New permit covers a 5 year time frame with first work item (updating the Public Participation Plan) due December 11, 2009. Plan update completed with other local governments and submitted November 24, 2009. *City staff to work with other agencies at the 2010 Home Expo in March.*

**National Pollution Discharge
Elimination System (NPDES)
permit implementation**

**Kalamazoo River Mainstem
Watershed Management Plan**

First meeting was held September 17, 2004. The public participation plan for the Watershed was submitted on November 22, 2004. The Public Education Plan was submitted December 31, 2004. Proposals for completing the watershed plan were received by Kalamazoo County on September 15, 2005 and a contract awarded to Kieser & Associates in November 2005. Watershed Committee meeting held November 22, 2005. Watershed planning focused on threatened uses and potential correction of water quality. Draft watershed plan submitted to MDEQ on December 30, 2005. Review comments received from MDEQ and revised watershed plan due in December 2006. Public information meeting was held at County Fairgrounds on October 24, 2006. Revised Watershed Plan submitted November 30, 2006. A letter not to revise the Watershed Plan was submitted to the MDEQ on March 17, 2008. Public participation plan update submitted to MDEQ on November 24, 2009.

**Portage River Watershed
Management Plan**

Public participation plan submitted June 28, 2004. The Public Education Plan was submitted December 31, 2004. Proposals for a Watershed Management Plan were received by the Kalamazoo County Road Commission and a contract awarded to the Kalamazoo County Conservation Service in November 2005. First watershed meeting was held November 29, 2005. Meeting focused on water quality in the watershed and identification of pollution sources. Draft watershed plan submitted to MDEQ on December 30, 2005. Follow-up meetings are held monthly to facilitate an implementation schedule. Portage River Watershed public meeting held in Vicksburg on April 11, 2006. Review

comments received from MDEQ and revised watershed plan due November 2006. Revised Watershed Plan submitted November 30, 2006, follow up meetings to be held as necessary. A letter not to revise the Watershed Plan was submitted to the MDEQ on March 17, 2008. Public participation plan update submitted to MDEQ on November 24, 2009. Based upon MDEQ comments, the plan was revised and resubmitted on December 21, 2009.

Five year plan to implement an Illicit Discharge Elimination Plan (IDEP).

-On October 21, 2001, City Council awarded a contract to Fishbeck, Thompson, Carr and Huber for the Portage Creek element of the IDEP, which was completed in July 2002. On February 19, 2002, City Council approved a new ordinance as required by the NPDES permit titled "Storm Water Illicit Discharges and Connections". On May 27, 2003, City Council awarded a contract to Fishbeck, Thompson, Carr and Huber for the West Fork element of the IDEP. On April 28, 2004, City Council accepted a grant from the State of Michigan in the amount of \$152,264 and awarded a contract to Fishbeck, Thompson, Carr and Huber in the amount of \$184,264 for the remainder of the IDEP for the entire city. Due to a less than anticipated number of illicit connections, city staff asked MDEQ to expand mapping activities under the grant program. Program implementation is ongoing as funding allows. Continued outfall sampling is required by permit and will be budgeted accordingly.

Garden Lane Arsenic Removal Facility

Construction of a water treatment facility at the Garden Lane Wellfield to remove arsenic, iron and manganese from the groundwater.

City Council approved an agreement with Fishbeck, Thompson, Carr & Huber, Inc. on January 10, 2006 to prepare a feasibility study to meet new USEPA arsenic standards for drinking water. Feasibility study completed in August 2006. Feasibility study recommended construction of a filter system using various filter media materials. Small scale pilot studies began in spring 2007. Pilot studies completed with generally favorable results. Geotechnical soils report completed in April 2007 and wetlands delineation received in May. Operating plants visited in May to familiarize staff with various arsenic removal processes. City staff currently evaluating three possible treatment vendors to make a final equipment selection. Engineering proposals for the project were received August 14, 2007. Project engineering awarded to Earth Tech by City Council on September 11, 2007. Project design to include Leadership in Energy and Environmental Design (LEED) criteria. Project construction bids were received on November 25, 2008. Contract awarded by City Council on December 16, 2008 to Adams Building Contractors, Inc., Jackson, Michigan. Preconstruction meeting was held January 29, 2009. Construction underway with clearing and earth work complete. Underground piping and foundation work complete. Concrete floors and wall construction complete. Outside

pipng and inside plumbing complete. Building interior and exterior site work complete. Interior painting ongoing. Garden Lane Well #4 drilling is complete and well building is underway. *Anticipated project start up in March 2010, with final completion in spring 2010.*

**Environmental Incident/Spill
Clean Up Notification**

Environmental Protection
Program to assist Portage
Police/Fire Departments with
spill containment and spill
cleanup.

The number of environmental incident/spill investigations performed in January 2010-0. The number of incidents requiring city forces/contractor emergency cleanups-0. Close out of gasoline spill on Sprinkle Road near Zylman Road due to a vehicle crash is complete.

**Localized Groundwater Table
Investigation**

Hydrogeologic study of the
Portage area, especially in the
Sprinkle Woods plat area, to
determine causes of increase in
groundwater elevation.

On April 29, 2008, City Council awarded a contract to American Hydrogeology Corporation to investigate the reason and extent of seasonally high groundwater elevation. Special emphasis will be placed on the Black Forest plat area to suggest possible solutions to the basement leaking problems experienced in the area. Study was transmitted to City Council on July 22, 2008. Current activities are focused on assisting the affected property owners with possible solutions. A storm drainage line extension project has been designed with a bid opening set for September 18, 2008. City Council awarded a contract to Peters Construction Company on September 23, 2008. Construction began in mid October. Project was extended to serve 3 additional properties. Work was completed on October 31, 2008. City staff continues to investigate other remedies for local groundwater table issues. Work underway on compiling a history of local groundwater table elevations at 19 city-owned retention basins with data from 1994 to 2009. Data from the analysis shows a general upward trend through the Portage area from 2005 to present. Five monitoring wells were installed in the Jamaica Lane area as a result of a number of citizen concerns. *Analysis of the Jamaica Lane wells shows that seasonal groundwater table levels have dropped approximately 18" from spring 2009 levels and level has stabilized through February 2010. Sampling will continue through the spring and summer months.*

**Hampton Wetland Area Water
Level**

*Assistance with the Inverness
Condominium Association to
Review Surface Water Levels*

Ongoing assistance with the Condominium Association to develop appropriate measures to regulate the rising water level in Hampton Wetlands Area located on the north side of West Centre Avenue and east of Angling Road. Current activity has centered on meeting with MDNRE staff to determine feasible method to lower water levels.