

Bay Region Non-Motorized Transportation Plan

Connecting..... our communities

Funded by:



Michigan Department of Transportation

Prepared by:



East Michigan Council Of Governments

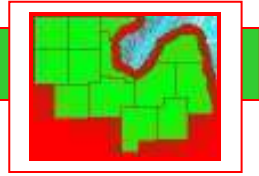
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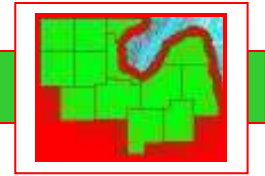
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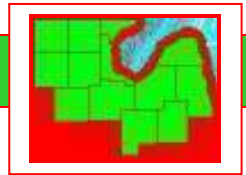
ACKNOWLEDGEMENTS

We would like to thank some of our partners in the development of this trail plan for their participation, insightful ideas and collaborative efforts.

- Michigan Trails and Greenways Alliance
- Michigan Department of Transportation
- Federal Highway Administration
- The League of Michigan Bicyclists
- Friends of Rails & Trails, Tuscola
- Riverwalk Rail Trail, Bay
- Saginaw Transit Authority Regional Services
- Arenac Heritage Route Authority
- Friends of Pere Marquette Rail Trail
- Friends of Flint River Rail Trail
- Tri-City Cyclists
- Michigan Snowmobile Association
- Pere Marquette Snowmobile Club
- Center of Applied Environmental Research-University of Michigan-Flint
- Mid-Michigan Community College
- Central Michigan University
- National Parks Service
- Saginaw News
- Bay City Times
- Saginaw Area GIS Authority
- Saginaw Metropolitan Area Transportation Study
- Bay City Area Transportation Study
- Genesee County Metropolitan Planning Commission
- US-23 Heritage Route Group
- M-15 Heritage Route Committee
- M-25 Heritage Route Committee
- Participating County Road Commissions
- Participating County Economic Development Authorities



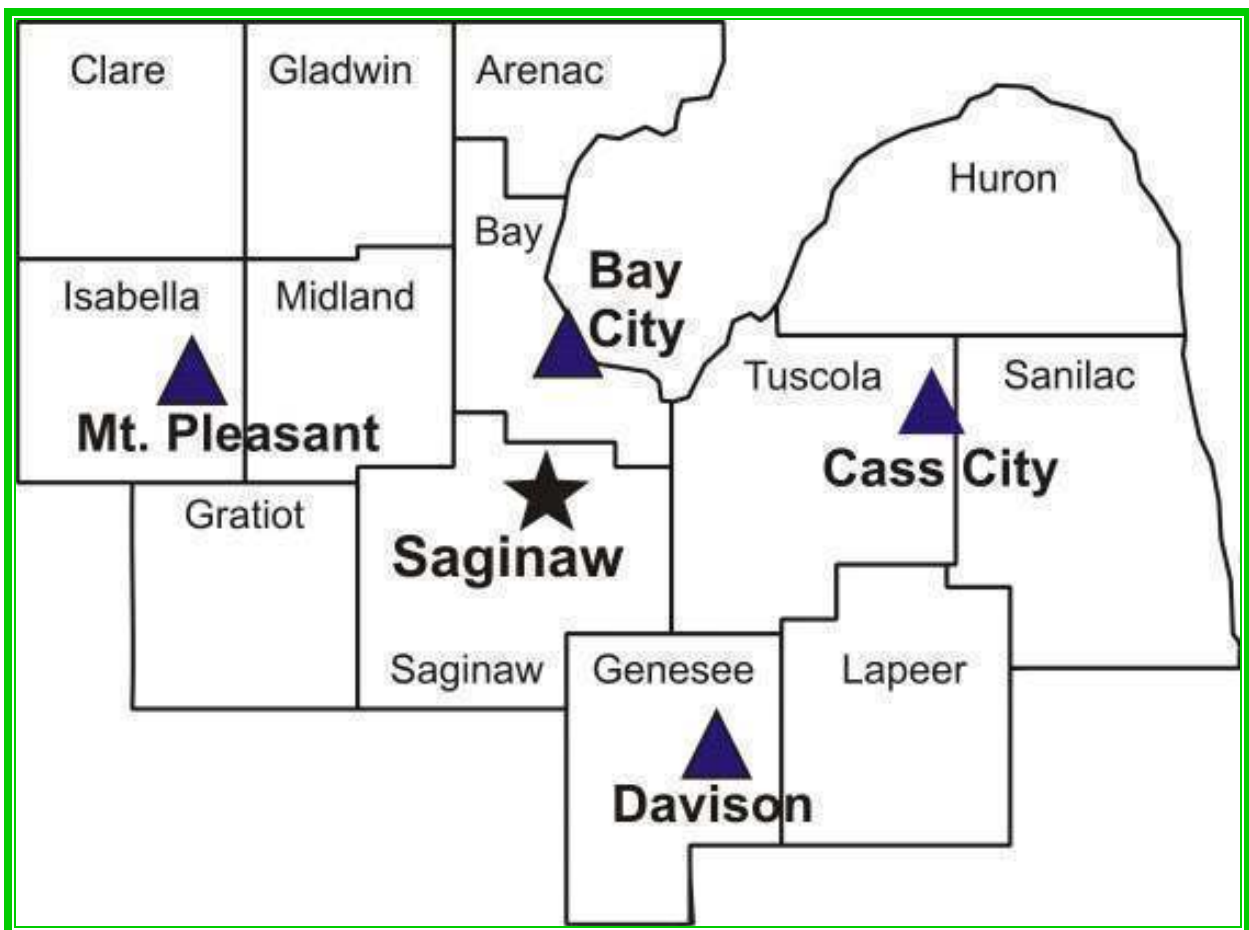
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Chapter 1: Project Overview

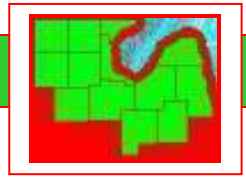
In recent years, the 13 counties comprising the MDOT Bay Region (Fig 1.) has experienced the rapid development of non-motorized facilities. The area already boasts several extensive non-motorized networks including the Pere Marquette Rail Trail which extends through 3 counties (Midland, Isabella, and Clare) and the Southern Links Trailway that traverses the 3 counties of Genesee, Lapeer & Tuscola. The present challenge is how to best connect existing facilities with proposed non-motorized projects to create an interconnected non-motorized network. The development of a Bay Region Non-Motorized Transportation Plan will not only help provide the direction to develop the non-motorized network, but also provide a resource for local units of government and advocacy groups to promote non-motorized projects.

Fig 1. MDOT Bay Region



a. Regional Vision

The Michigan Department of Transportation envisions a region where non-motorized travel is safe, convenient, interesting and inviting. The vision is one of an interconnected system of non-motorized facilities that will exist throughout the Region.



b. Goal

The goal of this plan is *to create a safe, accessible and interconnected non-motorized transportation network.*

c. Planning Process/Methodology

The following are activities associated with the plan development that were or will be performed by East Michigan Council Of Governments as part of the planning process:

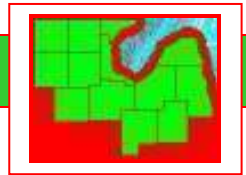
1. Hosted a “**Bay Region Non-Motorized Summit**” to bring together the local stakeholders to discuss non-motorized issues such as; funding, liability, state-wide efforts, and design standards. The summit was hosted at The Bavarian Inn Lodge in Frankenmuth on November 1, 2007. It provided an opportunity to identify key stakeholders for the development of the transportation plan. The summit was facilitated in cooperation with the Michigan Trails and Greenways Alliance, Michigan Department of Transportation, Genesee County Metropolitan Planning Commission and Local County Parks and Recreation staff.
2. A series of three multi-county **Charrettes** were facilitated for public input with key stakeholders to verify existing non-motorized facilities. Discussions regarding proposed future non-motorized projects throughout the region were held that would promote intra and inter county/region connectivity. The Charrette locations and dates are as follows:
 - a. Charrette I -MDOT- TSC Mt. Pleasant on Feb 5, 2008.
 - b. Charrette II- Bay County Community Center, Bay City, Feb 20, 2008.
 - c. Charrette III- Tuscola Technology Center, Caro, March 4, 2008.





3. Maps were prepared depicting all the proposed non-motorized facilities as suggested by the stakeholders during the public input session of Charrettes.
4. Additional public input on the proposed network of non-motorized facilities was gathered by making the maps available to the public for comment on the EMCOG website and through e-mails.
5. Draft plan posted online and mail requests for local review. Request review from Bay Region Transportation Service Centers (TSC) and adjoining MDOT Regions.
6. Revise plan based on public input.
7. Finalize the Bay Region Non-Motorized Transportation Plan.
8. Distribute plan to participating agencies.
9. Submit completed plan to MDOT.





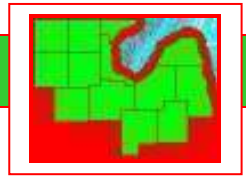
d. Charrettes

The Charrettes were attended by many enthusiastic supporters of non-motorized facilities. These key individuals can be instrumental in implementation of these potential projects. Following are the names and contact of the attendees (70):

	Name	Contact	County
1.	Fran Sumenick	Whitney Township Supervisor	Arenac
2.	Patricia Killingbeck	City of Au Gres	Arenac
3.	Earl McLavy	Arenac Township Board	Arenac
4.	Steve Chmura	Arenac Rail Trail	Arenac
5.	Curt Hillman	Arenac Heritage Route Authority	Arenac
6.	Dave Englehardt	BCATS	Bay
7.	Dirk Westbury	BCATS	Bay
8.	Kathy Bremer	Merritt Township	Bay
9.	Terry A. Moutane	City of Bay City	Bay
10.	Sue Cooley	KawKawlN Township	Bay
11.	Ryan J Stanton	Bay City Times	Bay
12.	Vaughn Begick	Bay County Commissioner	Bay
13.	Bary A Brandt	Monitor Township	Bay
14.	Daniel Morgan	Resident	Bay
15.	Marcie Post	City of Clare	Clare
16.	Mike Hamilton	Pere Marquette S.C.	Clare
17.	Ken Hibl	City of Clare	Clare
18.	Dan Daggy	Farwell Snowmobile Club	Clare
19.	Larry Martin	Clinton County Commissioner	Clinton
20.	Victor Lukasavitz	Gould Engineering Inc	Genesse
21.	Doug Cook	League of Michigan Bicyclists	Genesse
22.	Mr. Jacky King	Resident	Genesse
23.	Mrs Dora King	Resident	Genesse
24.	Aeric Ripley	City of Alma	Gratiot
25.	David Ringle	City of Alma	Gratiot
26.	Kurt Giles	City of St. Louis	Gratiot
27.	Ronald G. Turner	City of Alma	Gratiot
28.	Sue Ann Kopmeyer	Isabella County Parks & Recreation	Isabella
29.	Chris Bundy	City of Mt Pleasant	Isabella
30.	Greg Baderschneider	City of Mt Pleasant	Isabella
31.	Gladys Austin	Mid MI Community College	Isabella
32.	Steve Davidson	Village of Shepherd	Isabella



33.	John Latoski	CMU	Isabella
34.	Nancy Krupriaz	MTGA	Lansing
35.	Cynthia Krupp	MDOT-Lansing	MDOT
36.	Jack Hofweber	MDOT-TSC	MDOT
37.	Terry Palmer	MDOT-TSC	MDOT
38.	Kimberly Zimmer	MDOT-Bay City TSC	MDOT
39.	Jay Reithel	Bay Region	MDOT
40.	Dave Geiger	Bay Region	MDOT
41.	Linda Burchell	MDOT-Bay	MDOT
42.	Jay Reithel	Bay Region	MDOT
43.	Mohammad E. Huque	Design Engineer, Port Huron TSC	MDOT
44.	Rachel Phillips	MDOT-Cass City TSC	MDOT
45.	James Reigler	Michigan Snowmobiler's Club	Midland
46.	Ron Groskey	Pere Marquette S.C.	Osceola
47.	Craig Schripsema	ROWE	ROWE
48.	Casey Collings	ROWE	ROWE
49.	Justin Sprague	ROWE	ROWE
50.	Mike Carpenter	ROWE	ROWE
51.	Bill Wright	STARS	Saginaw
52.	Chuck Hoover	Pedestrian Committee member	Saginaw
53.	Tim Gnatkowski	Saginaw Charter Township	Saginaw
54.	Doug Bishop	Saginaw Planning Commission	Saginaw
55.	John Schmude	Saginaw County Parks	Saginaw
56.	Ruth Avery	Chairperson Saginaw County Parks Commission	Saginaw
57.	Phil Grimaldi	SMATS	Saginaw
58.	Al Bader	Kochville twp parks	Saginaw
59.	Cathy Washabaugh	Tri-County Regional Pathway Study Group	SPICER
60.	Tanya Moore	SPICER	SPICER
61.	Kim Wasik	Resident	Tuscola
62.	Brad Glassford	Glassford Media	Tuscola
63.	Mark Putnam	Resident	Tuscola
64.	Clare Fryer	Village of Mayville	Tuscola
65.	Gary Anderson	Friends of Rail Trails(FORT)	Tuscola
66.	Jason Davis	Parks and Recreation	Tuscola
67.	Laura Stacer	Village of Caro Parks and Recreation	Tuscola
68.	Mark Graham	Friends of Rail Trails(FORT)	Tuscola
69.	Jesse Parker	TCRC	Tuscola
70.	Michael Hormel	Resident	Tuscola



e. Public Input

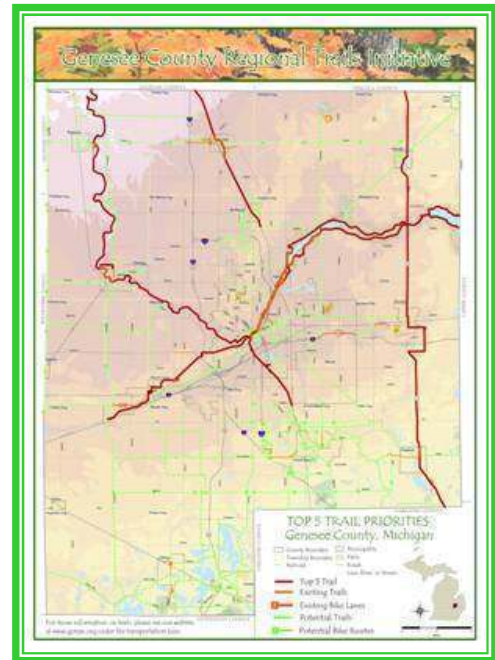
After the first compilation of the proposed trails from the series of Charrettes, the maps were posted online. A request was sent to all the attendees and non-motorized advocates from the Region to review and comment on the proposals submitted on the Charrette Public Input Forms (appendix).

f. Relationship to Other Plans and Policies

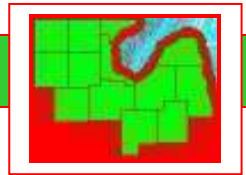
The Bay Region Non-Motorized Transportation Plan is intended to complement, rather than supplement the adopted regulations and guidelines of local managing agencies. Implementation of this plan relies on the continued cooperation among property owners, the local, regional, state and federal agencies with jurisdiction over the non-motorized alignment, the numerous trusts and foundations which support trails in the region, and the countless environmental and recreational interests whose members care deeply about the non-motorized facilities in the Bay Region.

Regional coordination in the Bay Region is already underway through groups and projects such as:

- **Great Lakes Bay Region Regional Path Study Committee** which continues working to link Saginaw, Bay and Midland counties. <http://www.greatlakesbay.org/regionaltrail/>
- The **Mt. Pleasant Non-motorized Committee** that is working to make connections between the Fred Meijer Trail in Gratiot County and the Pere Marquette Trail in Clare County by way of routes within Isabella County.
- The Genesee County Metropolitan Alliance has been very proactive with the development of a county-wide plan (**Regional Trails Plan**) that not only identifies the community's top project priorities, but also looks toward extending non-motorized connectivity in Saginaw, Lapeer, Tuscola and Oakland Counties. <http://www.co.genesee.mi.us/gcmopc-plan/>



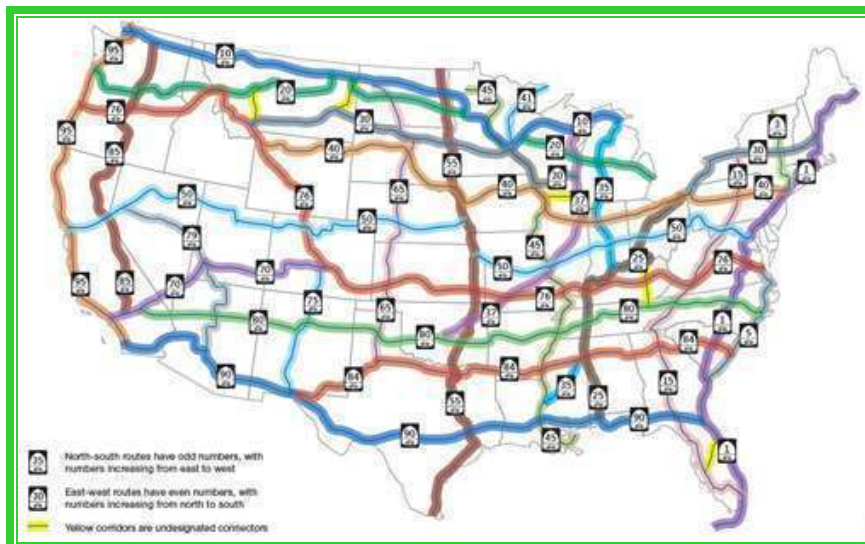
MDOT has been working very closely with local communities within the Region and started constructing eight foot shoulders on M-25, M-13 and US-23 along Lake Huron Shoreline making it a great connection.

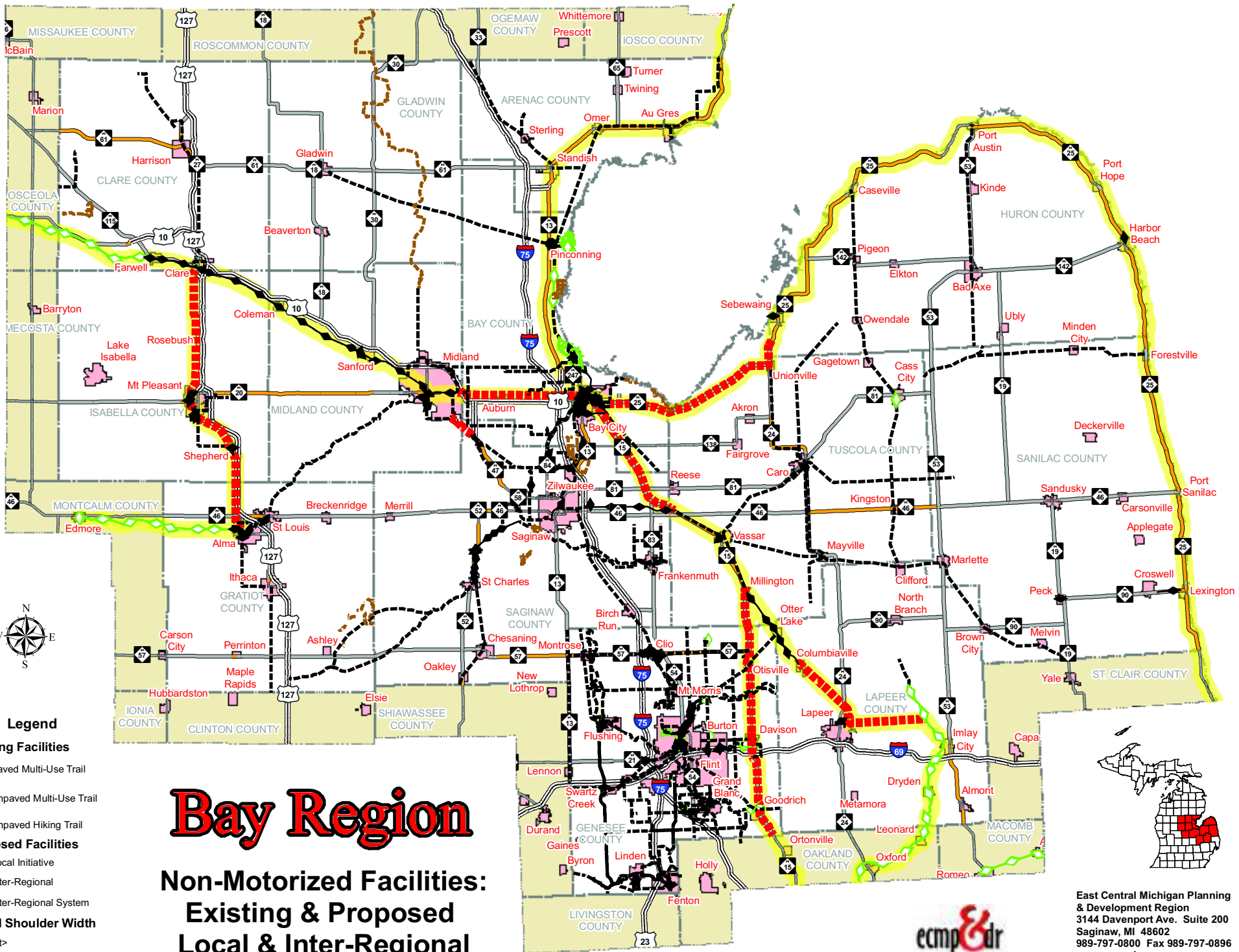


The Adventure Cycling Association also has **The Adventure Cycling Route Network**. Their **Lake Erie Connector** is 482 miles between Luther, MI, to Fort Erie, ON. It passes through the MDOT Bay Region through Sanilac, Tuscola and Bay counties. More details can be found on their website at www.adventurecycling.org.



The U.S. Bicycle Route System also identifies an east-west connector through Bay Region in MI. Route 20 has been identified as a prioritized corridor by American Association of State Highway and Transportation Organizations (AASHTO). This route, looking from east to west, starts in the eastern Lower Peninsula of Michigan, north of Detroit at Marine City. It then traverses the lower peninsula of Michigan, going through the Saginaw-Midland area then west to Ludington, using the ferry to cross Lake Michigan to Manitowoc, WI. It then continues going west-northwest through Wisconsin, ending at the intersection of USBR 10 somewhere in Northwest WI. More information can be found at : <http://www.adventurecycling.org/routes/nbrn/usbikewaysystem.cfm>





Bay Region

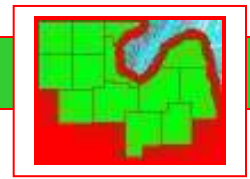
**Non-Motorized Facilities:
Existing & Proposed
Local & Inter-Regional**

- Legend**
- Existing Facilities**
- Paved Multi-Use Trail
 - - - Unpaved Multi-Use Trail
 - - - Unpaved Hiking Trail
- Proposed Facilities**
- - - Local Initiative
 - - - Inter-Regional
 - - - Inter-Regional System
- Paved Shoulder Width**
- 5ft+
 - <=5ft

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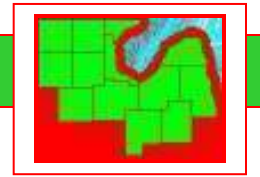


Chapter 2: Inter-Regional Non-Motorized Facilities

Rural highways and county roads are considered suitable for non-motorized use if they have at minimum 4 ft paved shoulders or relatively low traffic volumes. State highways and county roads provide good opportunities for long-distance touring and shorter recreational rides. As you approach cities, these roads serve as commuter routes into the urban area from outlying residential areas. As part of the established objectives set forth in the development of the non-motorized plan, the Michigan Department of Transportation Bay Region identified segments of state trunkline with lower volumes that may be more conducive to non-motorized trips. (*Figure 2 identifies trunkline routes within the MDOT Bay Region with Average Annual Daily Traffic volumes less than or equal to 10,000 vehicles, Pg 9*). Generally an AADT of around 2500 is most favorable for non-motorized usage on the same road. Roads with lower volumes can be used without major improvements. Trunk lines with higher volumes are the roads that will need added non-motorized facilities.

Pedestrian and cycling activities in the Bay Region are often limited due to large travel distances, limited facilities, and fewer destinations than urban areas. This plan focuses on the integration of existing non-motorized facilities across the Bay Region network with state trunkline routes to create a seamless non-motorized network.

There have been several efforts to inventory the existing and proposed non-motorized system throughout the counties in the MDOT Bay Region. In 1998 representatives of more than two dozen agencies and organizations met to explore the potential of a non-motorized trail network in Bay, Midland, and Saginaw counties. The result was the Tri-County Trail Guide (www.co.bay.mi.us), which identified 33 existing parks, nature preserves, state and national wildlife refuges, and trails in the Saginaw Bay region. This project was the driving force behind the development of a “green-way vision” that incorporated not only non-motorized trails, but also identified important natural features and promoted preservation of existing land uses that aided in the connectivity of these features.



a. Existing Inter-Regional Non-Motorized Facilities

The following is the list of existing trails county by county, identified within local plans and/or through the Bay Region Charrettes conducted in 2008:

Arenac

1. US- 23 Recreational Heritage Route
2. M-13 On-system Connector

Bay

3. Bay City Riverwalk Trail
4. M-13 On-system Connector

Clare

5. Pere Marquette Rail Trail

Genesee

6. Southern Links Trail
7. M-15 Recreational Heritage Route

Gladwin

8. Midland-Mackinaw Trail

Gratiot

9. Fred Meijer Hartland Trail

Huron

10. M-25 Recreational Heritage Route

Isabella

11. Pere Marquette Rail Trail

Lapeer

12. Polly Ann Trail
13. Southern Links Trail

Midland

14. Pere Marquette Rail Trail
15. Midland-Mackinaw Trail
16. Midland-Bay Connector

Sanilac

17. M-25 Recreational Heritage Route

Saginaw

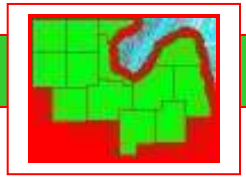
18. Harger Line Trail

Tuscola

19. M-25 Recreational Heritage Route
20. M-15 Recreational Heritage Route
21. Southern Links Trail

*** On-Road Shoulders of width 4 feet or more in Bay Region (non-motorized) including local and inter-regional connections:**

Please refer to the Table on Page 13 & 16.



b. Proposed Inter-Regional Non-Motorized Facilities

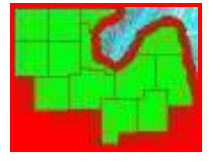
After public input from the series of three (3) Charrettes, the data was compiled into a GIS data layer to be incorporated into the existing Bay Region Bike Map file for the Non-Motorized Transportation Plan. The maps generated depicted all the potential or proposed trail connections in the Bay Region. These connections included both on-road and off-road non-motorized routes as suggested by the stakeholders.

Recreational Cyclists generally choose non-motorized networks based on traffic volumes and surface condition of the route. Professional or experienced groups sometimes prefer to stay on-road (paved shoulders) with proper bike lanes or shoulders for bike use. At the same time leisure and family oriented cyclists prefer off-road routes (separate pathways). The proposed maps generated had a good combination of both types of facilities.



Additional public input on the proposed non-motorized facilities was acquired by making the charrette maps available to the public for comment through the project website as well as e-mail correspondence from stakeholders. This Plan is a vision document and not a project specific plan. Hence, no prioritization was established for the non-motorized connections within the Region. Also, the actual implementation of these suggestions depends on the scenario at the window of opportunity. This Plan supports and backs all the proposed routes understanding that some are important regionally while some locally.



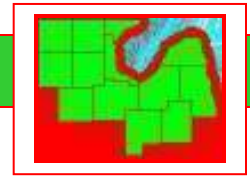


This Plan recommends and discusses the proposed connections into **2-tiers**. Those tiers would be:

1. **Inter-regional projects** that connect multiple regions – For e.g. Polly Ann Trail to Southern Links to the Bay City Riverwalk to the Pere Marquette and heading north, M-25 8' shoulders from Port Huron in the MDOT Metro Region to Bay City, Fred Meijer Trail connecting to the Pere Marquette.
2. **Local projects** that connect multiple communities within the Bay Region- For e.g. Midland-Bay Connector, Clio to Birch Run Trolley Line Trail, etc. And that may connect a community to a larger system- For e.g. Extension of the Saginaw Valley Rail Trail.

Tables below list all the proposed non-motorized connections (both on-road and off-road) in the following manner:

- County Name
- Start at: Starting location, intersecting street.
- On: Name of the street at which the non-motorized facility starts or goes along.
- End at: Ending location or intersecting street.
- On: Name of the street at ending location at which the non-motorized facility is identified.
- Through (cities, villages): Cities and villages through which the non-motorized facility passes that can be crucial in its development.

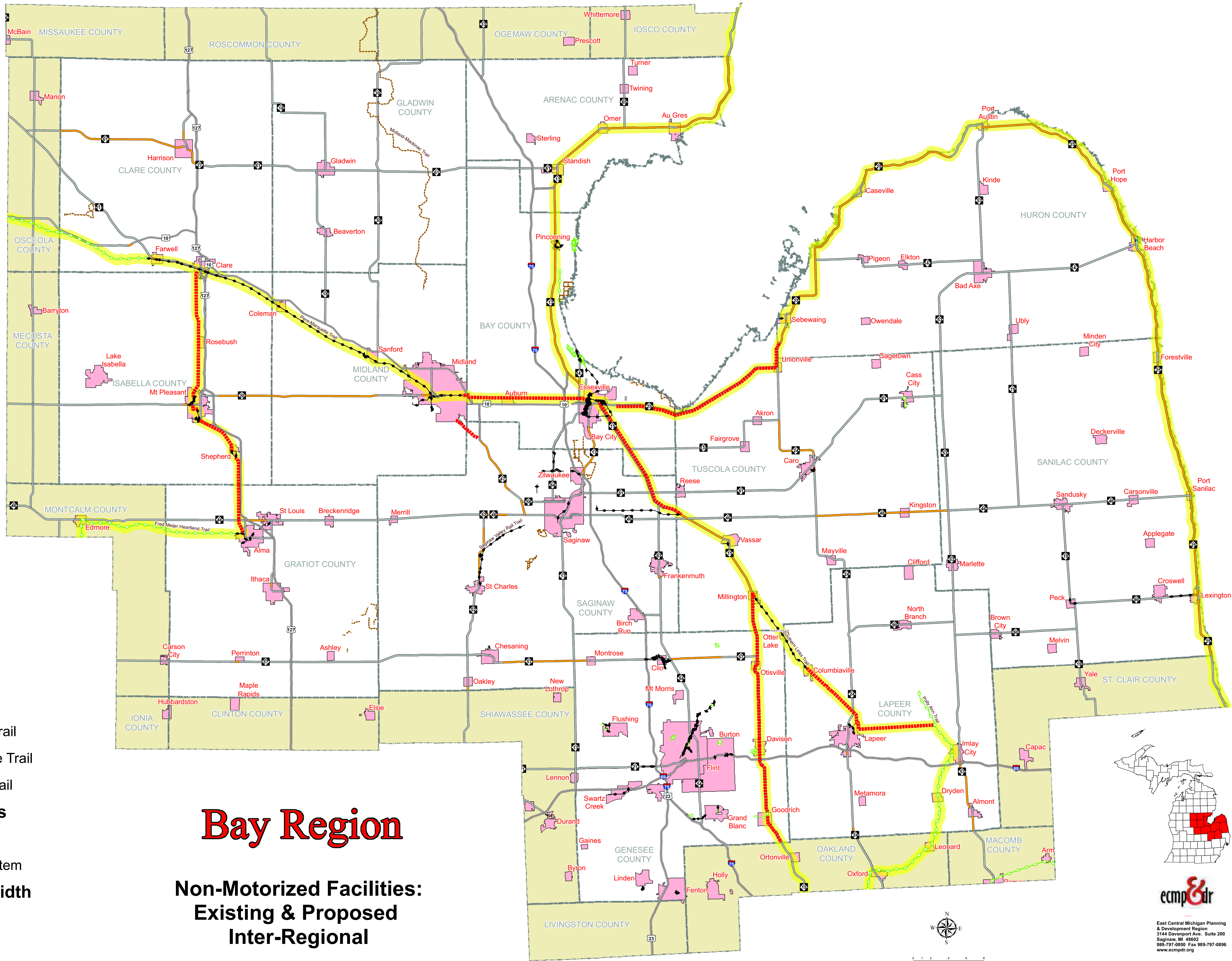


The following 18 Inter-Regional non-motorized facilities were identified by the enthusiastic members involved in the process. The selection of the most desired path was done by the participants through open discussion and dialogue with the members of other counties.

Table 1. Bay Region Proposed Non-Motorized Connections showing Inter-Regional Facilities (Tier-1)

Trails are described from West to East & from South to North

#	County	Start At	On	End At	On	Length	Through (Cities, Villages)
1	Arenac	SCoL	Delano-Nonle Railroad	NCoL	Noble Rd	31.08	Omer, Au Gres
2	Bay	E Almeda Bead Rd	N State Rd	NCoL	Delano-Nonle Railroad	6.51	Pinconning
3	Bay	E River Rd	Along Lake	Sherman Rd	N Elevator Rd	5.09	
4	Bay	WCoL	M-20	Lake State Railway	Huron & Eastern Railway	13.53	Midland, Auburn, Bay City
5	Bay	Cecelia Ct	M-25	ECoL	M-25	6.66	
6	Bay	1st St	M-15	SCoL	M-15	10.02	Bay City
7	Clare	Main Street	Pere Marquette Rail	Main Street	US-127	3.19	Clare
8	Gratiot	Great Lakes Rail Trail	William Rd	Great Lakes Rail Trail	NCoL	5.52	Alma
9	Huron	WCoL	M-25	SCoL	M-25	76.84	Sebewaing, Caseville, Port Austin, Port Hope, Harbor Beach
10	Isabella	SCoL	Great Lakes Rail Trail	NCoL	Great Lakes Central Railroad	23.19	Mt Pleasant, Shepherd, Rosebush, Clare
11	Lapeer	Pine St	Lapeer St	Hummel Dr	Woods		Columbiaville
12	Midland	Saginaw Rd	Grodonville Rd	Saginaw Rd	WCoL	1.50	Midland
13	Saginaw	NCoL	Along N River Rd	M-47	Along N River Rd	1.63	
14	Saginaw	NCoL	W Vassar Rd	ECoL	W Vassar Rd	5.75	
15	Sanilac	SCoL	M-25	NCoL	M-25	38.07	Lexington, Port Sanilac, Forestville
16	Tuscola	WCoL	M-25	NCoL	M-25	15.20	Unionville
17	Tuscola	WCoL	M-25	Vassar	M-15	10.88	Vassar
18	Tuscola	SCoL	M-15	Railroad at Millington	M-15	4.5	Millington



Legend

Existing Facilities

- Paved Multi-Use Trail
- Unpaved Multi-Use Trail
- Unpaved Hiking Trail

Proposed Facilities

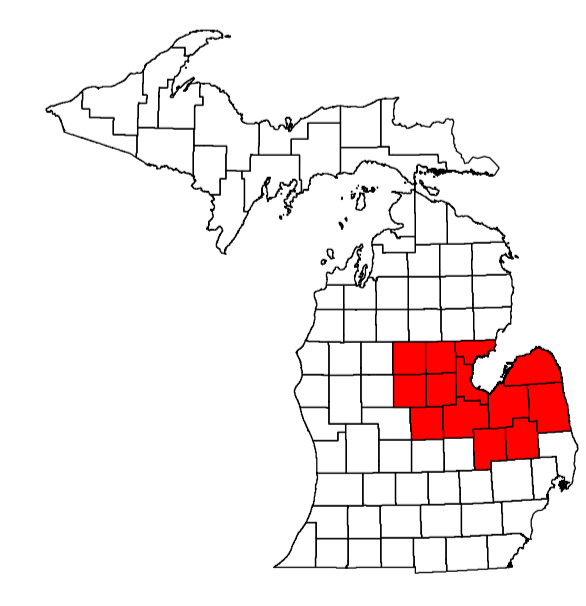
- Inter-Regional
- Inter-Regional System

Paved Shoulder Width

- 5ft>
- <=5ft

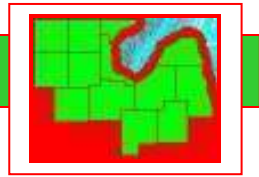
Bay Region

Non-Motorized Facilities: Existing & Proposed Inter-Regional



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Chapter 3: Local Non-Motorized Facilities

a. Existing Local Non-Motorized Facilities

The following is the list of existing facilities county by county, identified within local plans and/or through the Bay Region Charrettes conducted in 2008:

Bay

1. Fraser Township Trail
2. Pinconning Park Trail
3. Shoreline Pinconning Trail
4. Bangor Trail
5. Northern Bay Nature Trail
6. Bay-Hampton Rail Trail
7. Quanicassee Wild Life Area Pathway
8. Delta College Pathway
9. Bay-Portsmouth Rail Trail
10. Defoe Park Link
11. Anderson Trail
12. East Side Bay City Riverwalk
13. West Side Bay City River Walk

Clare

14. Leota Trail
15. Green Pine Lake Pathway

Genesee

16. Flint River Trail
17. George Atkin Jr. Recreational Trail
18. Flushing Riverview Trail
19. Grand Blanc Bike Path
20. Swartz Creek Bike Lane
21. Shiawassee River Walk
22. Linden Bike Lane
23. Goodrich Area Bike Path
24. Court Street Bike Lane
25. Flushing Bike Lane
26. Genesee Road Trail
27. Davison Township Trail

Gladwin

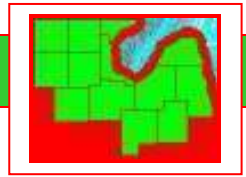
28. Gladwin Field Trial Area
29. Lame Duck Foot Trail

Gratiot

30. Gratiot-Saginaw Game Area Pathway
31. Riverdale Meijer Hartland Trail
32. Maple River State Game Area Pathway

Huron

33. Caseville Nature Trails



- 34. Harbor Beach Nature Trails
- 35. Port Austin Nature Trails
- 36. Sebewaing Trail

Isabella

- 35. Mt. Pleasant Trail
- 36. Central Michigan University Park System

Lapeer

- 37. Ortonville State Recreation Area Pathway
- 38. Serene Ponds Nature Center Pathway
- 39. Lapeer Linear Park Trail
- 40. Lapeer State Game Area Pathway
- 41. Zucker Nature Sanctuary Pathway

Midland

- 42. Midland City Forest Pathway
- 43. Salt River Pathway
- 44. Chippewa Trail
- 45. Barstow Woods Pathway

Sanilac

- 46. Lexington to Croswell Trail
- 47. Peck Trail

Saginaw

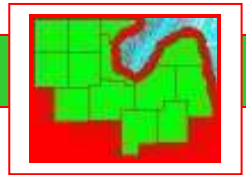
- 48. Freeland Trail
- 49. Kochville Pathway
- 50. Zilwaukee Pathway
- 51. Saginaw River Walk
- 52. Saginaw Valley Rail Trail
- 53. Trolley Line Trail
- 54. Ringwood Forest Pathway
- 55. Chesaning Park Pathway

Tuscola

- 56. Cass City Walking Trail
- 57. Vassar Rail Trail

On-Road Shoulders of width 4 feet or more in Bay Region (non-motorized) including local and inter-regional connections

County	Miles	County	Miles
Arenac	29.59	Isabella	9.05
Bay	33.19	Lapeer	9.85
Clare	18.95	Midland	13.12
Genesee	16.11	Saginaw	40.78
Gladwin	4.54	Sanilac	36.32
Gratiot	25.48	Tuscola	47.22
Huron	80.19		
Bay Region		364.39	



b. Proposed Local Non-Motorized Facilities

Local projects that connect multiple communities within the MDOT Bay Region- For e.g. Bay/Midland/Saginaw Trail, Clio to Birch Run Trolley Line Trail, etc. And that may connect a community to a larger system- For e.g. Extension of the Saginaw Valley Rail Trail.

Table below lists all the proposed non-motorized connections in the following manner:

- County Name
- Start at: Starting location, intersecting street.
- On: Name of the street at which the non-motorized facility starts or goes along.
- End at: Ending location or intersecting street.
- On: Name of the street at ending location at which the non-motorized facility is identified.
- Through (cities, villages): Cities and villages through which the non-motorized facility passes that can be crucial in its development.

Individual County maps were prepared for in-depth analysis of the connection and discussion on the importance of the non-motorized facility. The local communities were also sent a Non-Motorized Public Input Form with questions regarding connection within the counties. Some of the trails also have a lot of history attached to them. The maps, forms and the descriptions will be kept as archival records and can be sought by contacting the EMCOG office.

Table 2. Bay Region Proposed Non-Motorized Connections showing Local Facilities (Tier-2)

Trails are described from West to East & from South to North

County	Start-Point Intersecting Street	On	End-Point Intersecting Street	On	Through (Cities, Villages)
Arenac		Old M-76	NCoL	Old M-76	Sterling
Arenac	Old M-76	Schoool Rd	City Limits Rd	Melita Rd	Sterling
Arenac	US-23/Huron Rd	Mackinaw Rd	Lake Shore	Main Street	Au Gres
Arenac	M-13	Pine River Rd	Delano-Nonle Railroad	Pine River Rd	Standish
Bay	WCoL	Consumer's Easement	S Mable St	Consumer's Easement	Pinconning
Bay	Delano-Nonle Railroad	E Pinconning Rd	Saginaw Bay	E Pinconning Rd	



Bay	WCoL	W Townline 14 Rd	E Chip Rd	S Mackinaw Rd	
Bay	WCoL	W Townline 14 Rd	S 9 Mile Rd	N Euclid Ave	Lauria Rd
Bay	SCoL	Rogers Rd	W Townline 14 Rd	Rogers Rd	Midand
Bay	WCoL	W North Union Rd	Rogers Rd	W North Union Rd	Midland
Bay	Huron Eastern Railway	Woods	N Euclid Ave	Yorkshire Dr	
Bay	Ohio St	2 mile Rd	E Beaver Rd	N Euclid Ave	
Bay	N Schaumann Rd	W Ridge Rd	N Knight Rd	Tracey Rd	Bay City
Bay	7th St	W Center Rd	Cecelia Ct	W Center Rd	Bay City
Bay	SCoL	GT&W Railway	27th St	GT&W Railway	
Bay	SCoL	M-84	Morton St	M-84	Bay City
Bay	WCoL	Along Delta Rd	M-84	Woods	
Bay	SCoL	GT&W Railway	Local Trail	Evergreen Dr	Bay City
Clare	E Colonville Rd	S Clare Avenue	N Harding Ave	Muskegon Rd	Harrison
Clare	WCoL	Cedar Rd	Thornapple Trail	Twin Lake Ave	
Clare	City Loop				Clare
Genesee	NCoL	Along Flint River	ECoL	Along Flint River	Flushing, Flint (Flint River Trail)
Genesee	Seymour Rd	Hill Rd	Flint River	W Court St	Swartz Creek, Flint (Genesee Valley Trail)
Genesee	E Maple Ave	CSX Railroad	Flint River	CSX Railroad	Flint (CSX Railroad Line-South Flint)
Genesee	Stanley Rd	Saginaw Bay Southern CSX	NCoL	Saginaw Bay Southern CSX	Mt Morris, Clio (Tolley Line Trail-North)
Genesee	WCoL	Silver Lake Rd	Fenton Rd in Fenton		Linden, Fenton (Silver Lake Road Trail)
Genesee	SCoL	Seymour Rd	Flint River	Seymour Rd	Swartz Creek, Flushing (Seymour Rd Pathway)



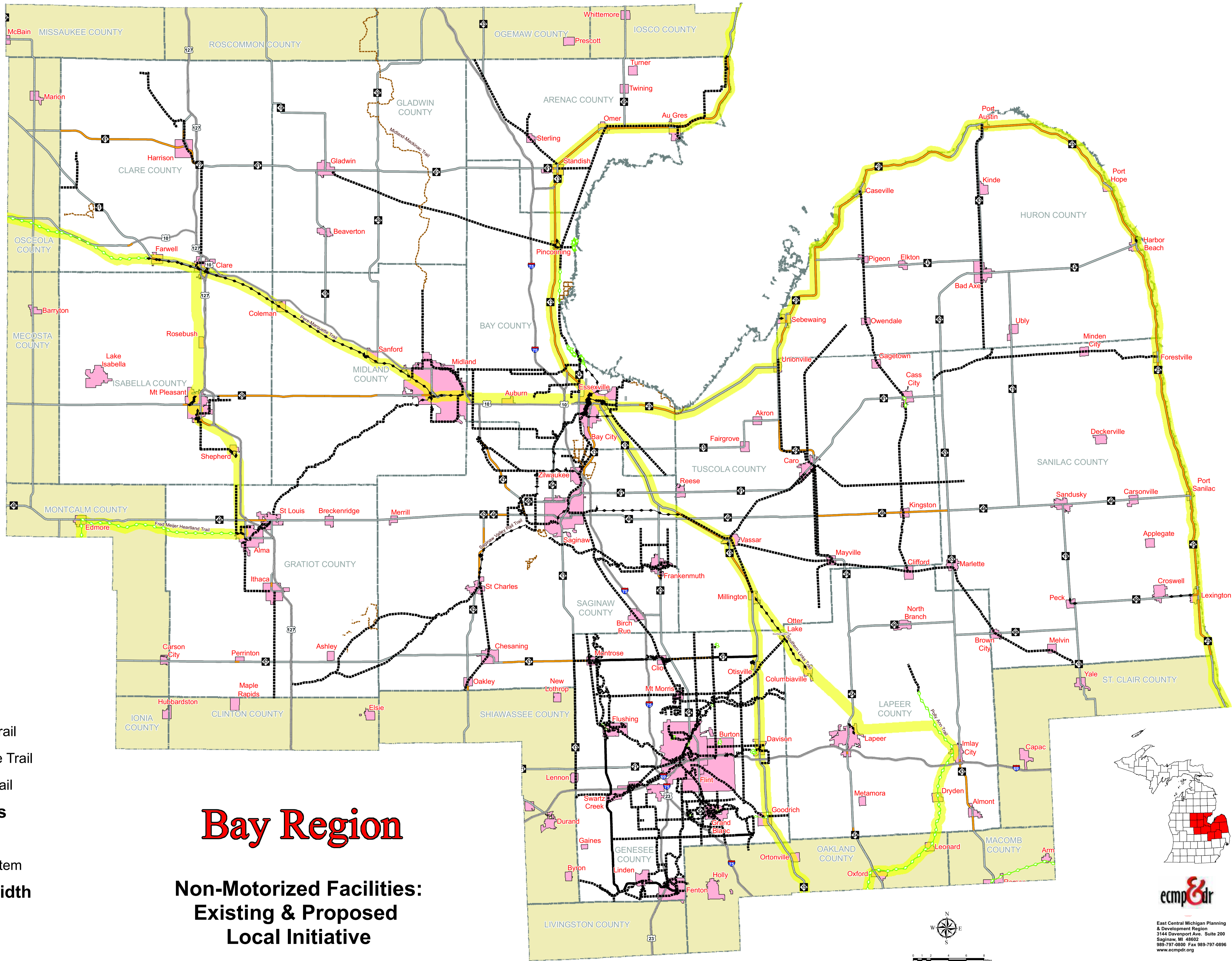
Genesee	W Shiawassee Av	Fenton Rd	W Hemphill Rd	Fenton Rd	Fenton (Fenton Rd Trail)
Genesee	SCoL	Consumer's Easement	Grand Blanc Rd	Consumer's Easement	Consumer's Corridor Trail Grand Blanc Twp (Sounty) & Embury Rd
Genesee	Hegel Rd	Consumer's Easement	Genesee Rd	Consumer's Easement	Goodrich, Flint (Trolley Line Trail-South)
Gladwin	M-61/Cedar St	Consumer's Easement	ECoL	Consumer's Easement	Gladwin
Gratiot	Chesapeake and Ohio Railroad	N Luce Rd	NCoL	N Luce Rd	Alma
Gratiot	NCL	Charles Ave	Pine ave	Woods	Alma
Gratiot	SCoL	S State Rd	E Washington Rd	S State Rd	Ithaca
Gratiot	S Maple Street	E Washington Rd	Hill St	Alger Rd	Ithaca, Alma
Gratiot	W Madison Rd	Riverside Dr	NCoL	Riverside Dr	St Louis
Gratiot	US-127	Along Maple River	ECoL	Woods	
Gratiot	S McClelland Rd	Woods	ECoL	Woods	
Huron	SCoL	Bad Axe Rd	M-25	Lake St	Bad Axe, Kinde, Port Austin
Huron	SCoL	Huron & Eastern Railway	Shebeon Rd	Huron & Eastern Railway	
Huron	SCoL	Grand Trunk Western Railway	M-25	Grand Trunk Western Railway	Owendale, Pigeon, Caseville
Isabella	E Blanchard Rd	Great Lakes Rail Trail	E Deerfiled Rd	Campus Dr	Mt Pleasant, Shepherd
Isabella	E Broomfield Rd	Campus Dr	Summerton Rd	M-20	Mt Pleasant
Isabella	E Broadway Rd	Summerton Rd	E Broadway Rd	Ojibway Dr	



Lapeer	Southern Links Trail	Woods	N Lapper Rd	Woods	
Lapeer	Hummel Dr	Woods	past Snoblin Rd	Woods	Ext of Polly Ann Trail
Lapeer	NCoL	Huron & Eastern Railway	ECoL	Huron & Eastern Railway	Clifford
Lapeer	Main Rd, Clifford	Woods	NCoL	Woods	Clifford
Midland	Pine River Rd	SCoL	Pine River Rd	Dublin Rd	
Midland	Wheeler Rd	Dublin Rd	E Shearer Rd	Saginaw Bay Southern Railway	Midland
Midland	Sturgeon Rd	Huron Eastern Railway	M-20	Illinois Dr	Midland
Midland	Huron Eastern Railway	N Waldo Rd	ECoL	Wackerly Rd	Midland
Midland	E Progress St	Poseyville Rd	M-20	Waldo Rd	Midland
Saginaw	NCoL	Along Rogers Rd	ECoL	Along Buck Rd	
Saginaw	Mackinaw Rd	Consumer's ROW	Loop to Consumer's ROW	Huron Eastern Railway	
Saginaw	Harger Line Trail	M-15	Harger Line Trail	N Towerline Rd	
Saginaw	State St	Dixie Hwy	ECoL	E Tuscola Rd	Frankenmuth
Saginaw	W Tuscola Rd	S Beyer Rd	Bradley Rd	S Beyer Rd	Frankenmuth
Saginaw	E Tuscola Rd	S Block Rd	Bradley Rd	S Block Rd	Frankenmuth
Saginaw	S Beyer Rd	Baker Rd	S Block Rd	Baker Rd	Frankenmuth
Saginaw	S Gera Rd	Junction Rd	S Block Rd	Junction Rd	Frankenmuth
Saginaw	E Townline Rd	S Gera Rd	Weiss St	S Gera Rd	Frankenmuth
Saginaw	Davis Rd	Crane Rd	Melbourne Rd	Woods	
Saginaw	Huron Eastern Railway	Along Saginaw River	NCoL	Along Saginaw River	Saginaw, Zilwaukee
Saginaw	NCL Zilwaukee	Woods	NCoL	Woods	
Saginaw	Teft Rd	Stroebel Rd	Ederer Rd	Loops Around	
Saginaw	State Rd	M-47	Saginaw River	Gallagher St	Saginaw
Saginaw	Saginaw River	Along CassRiver	ECoL	Along CassRiver	Frankenmuth
Saginaw	SCoL	Saginaw Bay Southern Railway	Harger Line Trail	Saginaw Bay Southern Railway	
Saginaw	SCoL	M-13	Gary Rd	M-13	



Saginaw	SCoL	Great Lakes Central Railway	Pine St	Great Lakes Central Railway	St Charles
Saginaw	WCoL	Along Maple River	Great Lakes Central Railway	Pine St	St Charles
Sanilac	Bad Axe Rd	Bay City Forestville Rd	M-25	Bay City Forestville Rd	Minden City , Forestville
Sanilac	WCoL	Potts Rd	NCoL	Potts Rd	
Sanilac	WCoL	ITC Easement	Decker Rd	ITC Easement	ITC Trail
Sanilac	WCoL	Albertson Rd	SCoL	Huron & Eastern Railway	Marlette, Brown City, Melvin
Tuscola	NCL Caro	Colling Rd	NCoL	M-24	Caro, Unionville
Tuscola	SCoL	Huron & Eastern Railway	NCoL	Woods	Mayville, Caro
Tuscola	W Barnes Rd	Old Rail Trail E of M-24	Fox St	Old Rail Trail E of M-24	Mayville
Tuscola	ECL Vassar	W Saginaw Rd	Fox St, Mayville	W Saginaw Rd	
Tuscola	Ellis Rd, Millington	Huron & Eastern Railway	ECoL	ITC Trail	Millington, Vassar, Caro
Tuscola	Huron & Eastern Railway	Mertz Rd	Huron & Eastern Railway	Caro City	Caro
Tuscola	SCoL	Grand Trunk Western Railway	NCoL	Grand Trunk Western Railway	Kingston, Cass City, Gagetown



Legend

Existing Facilities

- Paved Multi-Use Trail
- - - Unpaved Multi-Use Trail
- - - Unpaved Hiking Trail

Proposed Facilities

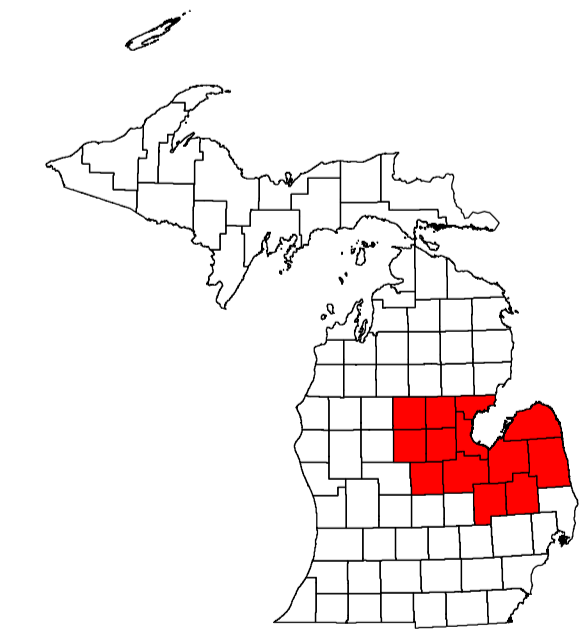
- Local Initiative
- Inter-Regional System

Paved Shoulder Width

- 5ft>
- <=5ft

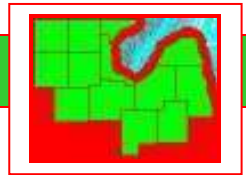
Bay Region

**Non-Motorized Facilities:
Existing & Proposed
Local Initiative**



East Central Michigan Planning
& Development Region
3144 Davenport Ave., Suite 200
Saginaw, MI 48602
989-797-0800 Fax 989-797-0896
www.ecmpdr.org

Created 7/3/2009



Chapter 4: Conclusion

a. How to use this Plan

The Bay Region Non-Motorized Transportation Plan is a guide for planning and developing non-motorized facilities in the thirteen county MDOT Bay Region. It clarifies the regional linkages needed to connect individual non-motorized plans between counties, cities, townships and villages. The plan lends support and justification for funding requests by local units of government, collaborative partnerships and state-local transportation agencies. Non-Motorized projects that are part of or connect with regional non-motorized network in an adopted regional plan are looked upon in a favorable light by funding agencies from state and federal programs to foundations and philanthropic organizations. Municipalities and non-motorized transportation advocates should utilize this plan to seek funding support and other assistance in their non-motorized facility development and improvement efforts.

The plan is a living document that represents the current non-motorized transportation needs in the Bay Region. It will need to be updated periodically as sections of non-motorized facilities are built, other potential non-motorized connections are found or the needs within a community changes. The plan can be used as a basis for developing local non-motorized facilities plan by the counties, townships, cities and villages. It can also serve as a guiding document for the local enthusiastic groups to forward the efforts of regional connectivity.

As local plans are revised and updates, especially any elements that would integrate with this plan, it is important and appreciated if those revisions are shared with the MDOT Bay Region office, the MDOT Transportation Service Center that serves the community and the East Michigan Council Of Governments. This will enable for this plan to be kept current as a living document. These agencies are located as follows:

MDOT Bay Region, 55 E Morley Drive, Saginaw, MI 48601

MDOT-Bay City TSC, 2590 E. Wilder Rd, Bay City, MI 48706

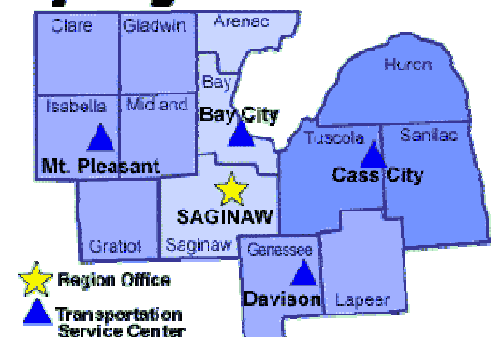
MDOT-Cass City TSC, 6867 E. Cass City Rd, Cass City, MI 48726

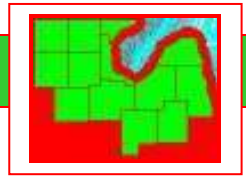
MDOT- Davison TSC, 9495 E. Potter Road, Davison, MI 48423

MDOT-Mt. Pleasant TSC, 1212 Corporate Drive, Mt. Pleasant, MI 48858

East Michigan Council of Governments- EMCOG, 3144, Davenport Avenue, Suite 200, Saginaw, MI 48602

Bay Region





Appendix

a. Non-Motorized Facility Public Input Form

This form was circulated along with the proposed routes maps for additional public input on the proposed networks.

1. Your Name, Phone number and affiliation: _____

2. County: _____
3. Proposed Trail # as on the map: _____
4. Suggested Name(s) of the Proposed Trail: _____
5. Trail History: (Please share your knowledge of the area) _____

6. Local Importance of the Proposed Trail: _____

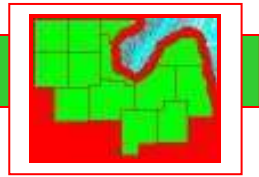
7. Regional Importance of the Proposed Trail: _____

8. Order of Priority amongst other proposed trails within the county: (Please list all in your order of **decreasing** preference from the map). If possible please give reason for your preference. (Optional)

9. Issue related to trail development that should be considered:

10. Other points of information, groups involved in trails, funding options in mind:

11. Prefer which of these:
On-System/Highway Shoulder Trail or Separately designated Trail



b. Existing Parks in the Bay Region

The following is the list of state, county and local parks that are considered potential destinations for non-motorized users which should be considered as the Bay Region network is developed. Not all of them can be served by the inter-regional networks, but should be accessible through local trails, paths, paved shoulders or low volume roadways: *(Note: Apart from this list these are many public and quasi-public facilities like Schools, Colleges, Libraries, Township, Village and City halls, Cemeteries that can be used as public areas.)*

Arenac

1. County Fairgrounds
2. Oasis Lake Park
3. Youngman Park
4. Au Gres City Park
5. Standish City Park
6. Sterling Village Playground
7. Turner Village Playground
8. Au Gres City Play lot
9. Deep River Township Ballpark
10. Maple Ridge Ballpark
11. Melita Ballpark
12. Moffatt Township Ballpark

Bay

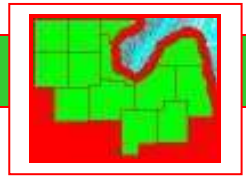
13. Auburn City Park
14. Bay City state Recreation Area
15. Keit Wetland Reserve
16. Nayanquing Point State Wildlife Area
17. Williams Township Park

Genesee

18. Linden County Park
19. For-Mar Nature Preserve and Arboretum
20. Genesee Recreation Area
21. Flushing County Park
22. Jack N. Abernathy Regional Park
23. Ligon Outdoor Center
24. Kearsley Park
25. Flushing Township Nature Park
26. Kelly Lake Park
27. Dauner-Martin Nature Sanctuary

Gladwin

28. Gladwin North Park
29. Ross Lake Park
30. Leo Ross Memorial Park
31. Sugar Springs Campground
32. Calhoun Campground



Gratiot

33. WestPark
34. Paul Hubscher Park
35. Reed County Park

Huron

36. Sleeper State Park
37. Wagener County Park
38. Huron County Nature Center
39. Port Crescent State Park

Isabella

40. Gilmore Memorial Park
41. Majeske Lansing
42. Coldwater Lake Family Park
43. Deerfield Nature Park
44. Maynard S. Gilmore Park
45. Herrick Recreation Area
46. Meridian County Park

Lapeer

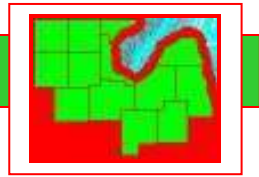
47. General Squier County Park
48. Mill Race Water park
49. Torzewski County Park
50. Wetlands Water park

Midland

51. Laur Big Salt River Park
52. Manitou Park
53. Pine Haven Recreation Area
54. River Trails Heritage Park
55. Sanford Lake Park
56. Veterans Memorial Park

Sanilac

57. Delaware Park
58. Evergreen Park
59. Forester Park
60. Lexington Park
61. Lexington Tierney Park
62. Lakeport State Park
63. Sanilac Petroglyphs Historic State Park
64. River Bend (Swinging Bridge)
65. Gingersnap Park
66. Harrington St. Park
67. P.L. Graham Memorial Park
68. Truman Park
69. Sandusky City Park
70. Marlette Community Park & Pool

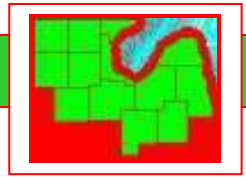


Saginaw

71. Crow Island State Game Area
72. Green Point Environmental Learning Center
73. Riverwalk and Central Parks
74. Shiawassee National Wildlife Refuge
75. Swan Creek Township Park
76. Tittabawassee Township Park
77. Shiawassee River Game State Area
78. Imerman Memorial Park
79. William H. Haithco Park
80. Price Nature Center
81. Veterans Memorial Park

Tuscola

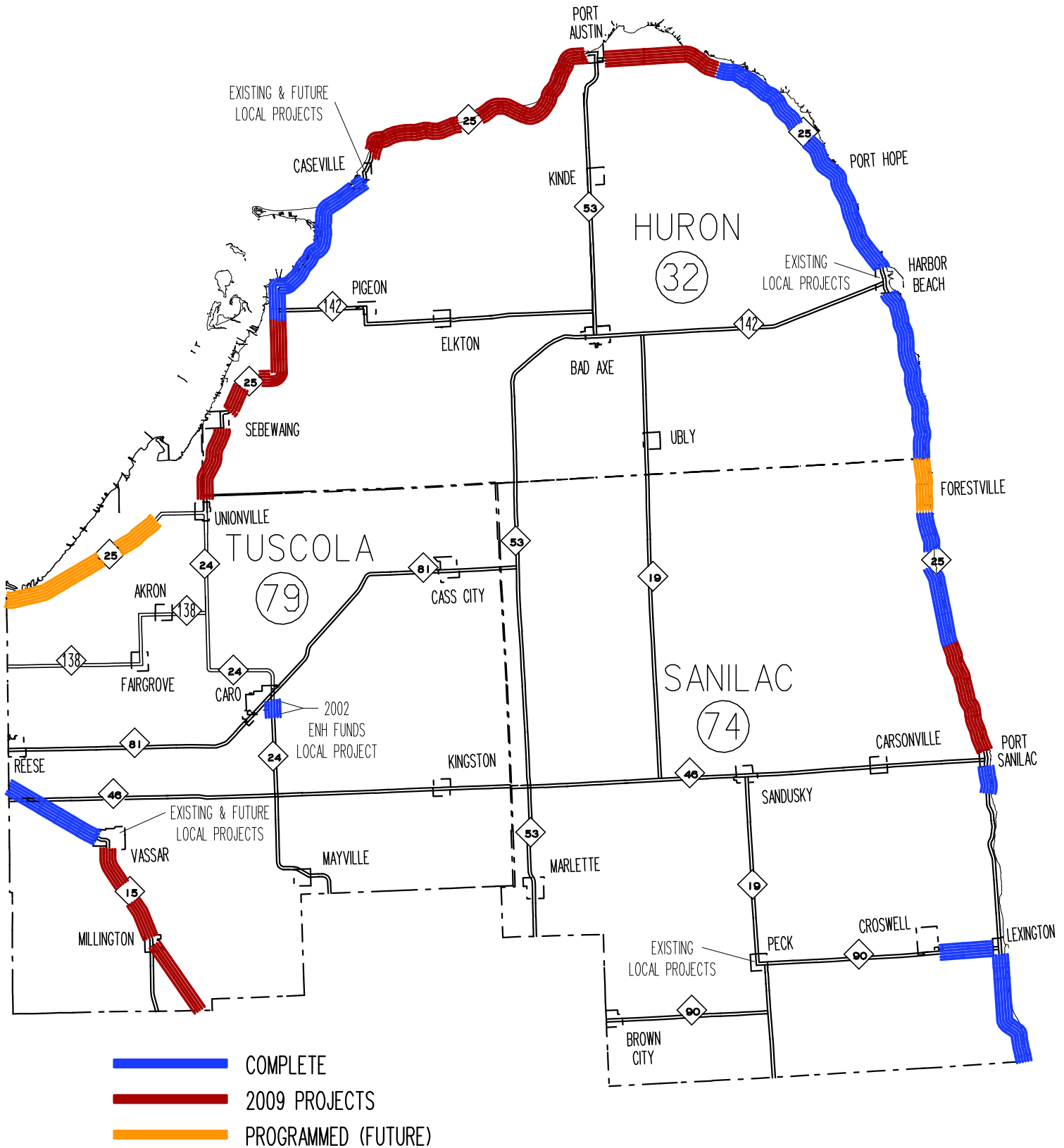
82. Vanderbilt County Park & Campground
83. Akron Village Park
84. Darbee Farm Park
85. AYSO Soccer Park
86. Almer Twp. Community Park
87. Arthur Latham Park
88. Atwood Park
89. Bieth Park
90. Tuscola County Fairgrounds
91. Chippewa Landing Park
92. Colonial Park
93. Williamsburg Subdivision Park
94. Northwood Heights Park
95. Cass City Recreation Park
96. Cedarwood Park
97. Fairgrove Community Park
98. Mulberry Park
99. Gagetown Village Park
100. Indianfields Township Park
101. Kingston Memorial Park
102. Ohmer Park
103. Bodeis Park
104. Reese Community Park
105. Reese Memorial Park
106. Tuscola Twp. Community Park
107. Unionville Community Park
108. Kemp Memorial Park
109. Harper Park
110. Hillside Park
111. White Birch Park
112. McKinley School Park
113. Vassar Lion's Park
114. Vassar Riverside Park



- 115. Vassar Riverside RV Park
- 116. Vassar Memorial Park
- 117. Vassar Fairgrounds
- 118. Fostoria Park
- 119. North Lake Murphy Park



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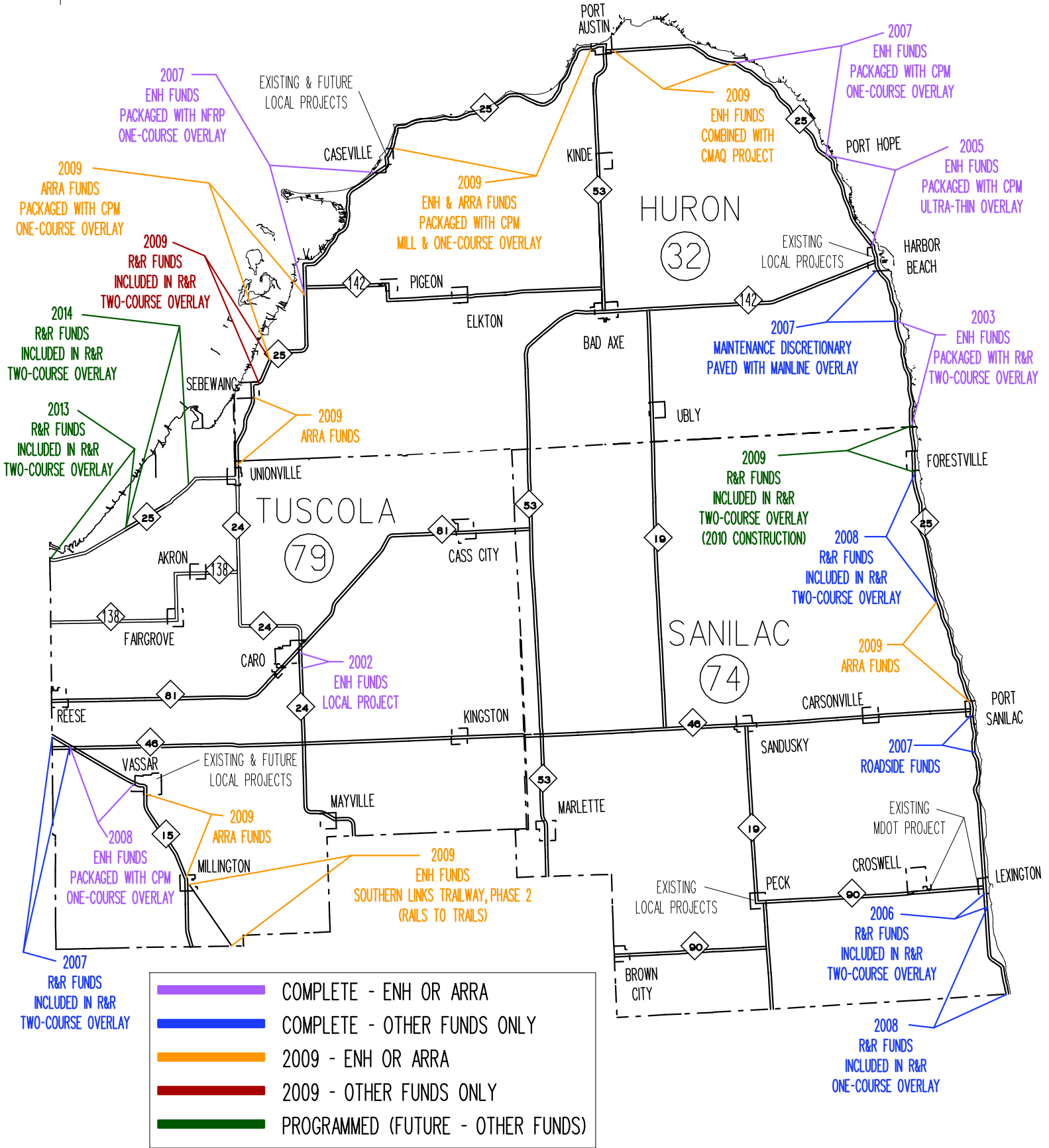


CASS CITY TSC AREA
HURON, SANILAC, TUSCOLA COUNTIES



REVISED 07/08/09

CASS CITY TSC 2009 NON-MOTORIZED PLAN



CASS CITY TSC AREA
HURON, SANILAC, TUSCOLA COUNTIES



REVISED 07/08/09