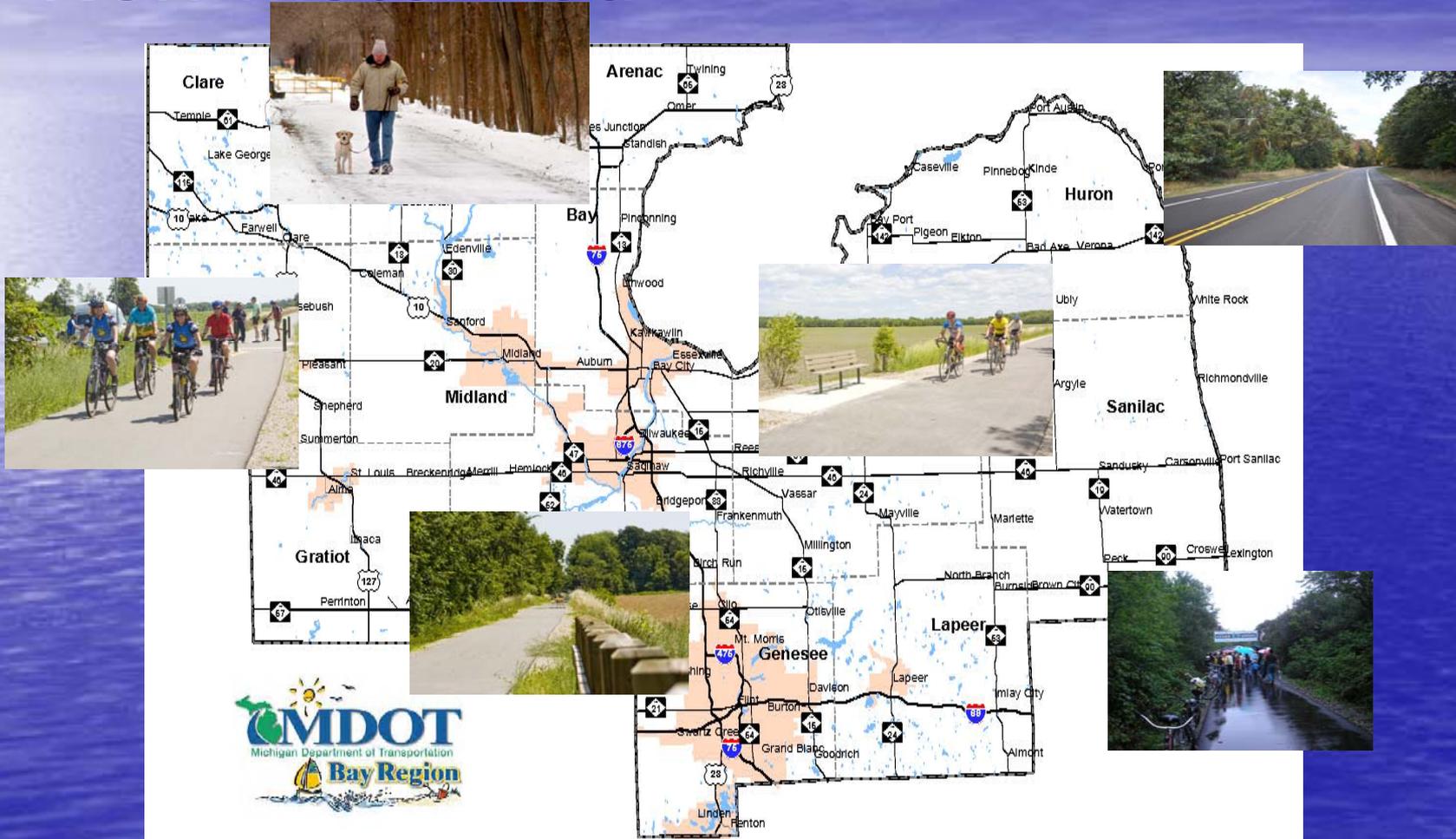
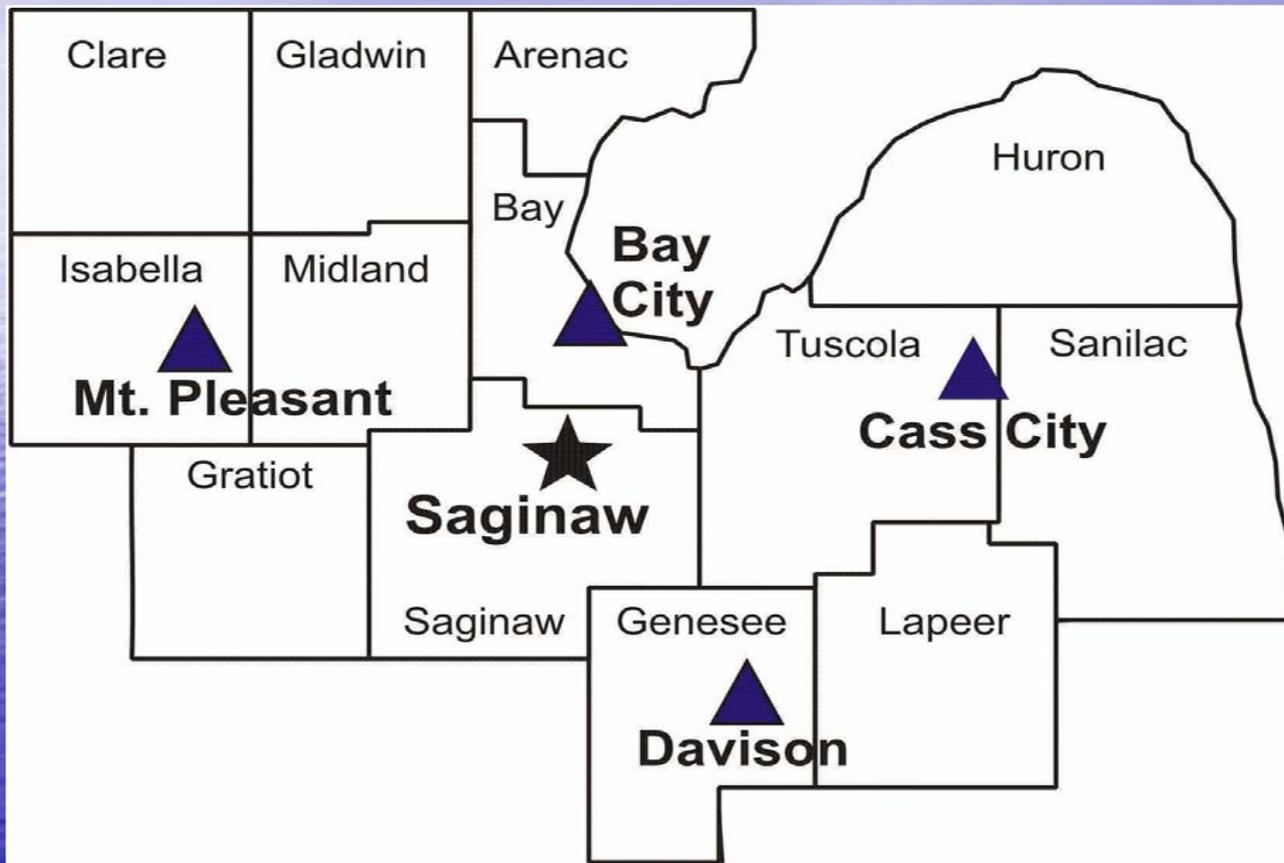


Bay Region Non-Motorized



Bay Region Non-Motorized



13 Counties

45 Cities

63 Villages

255 Townships

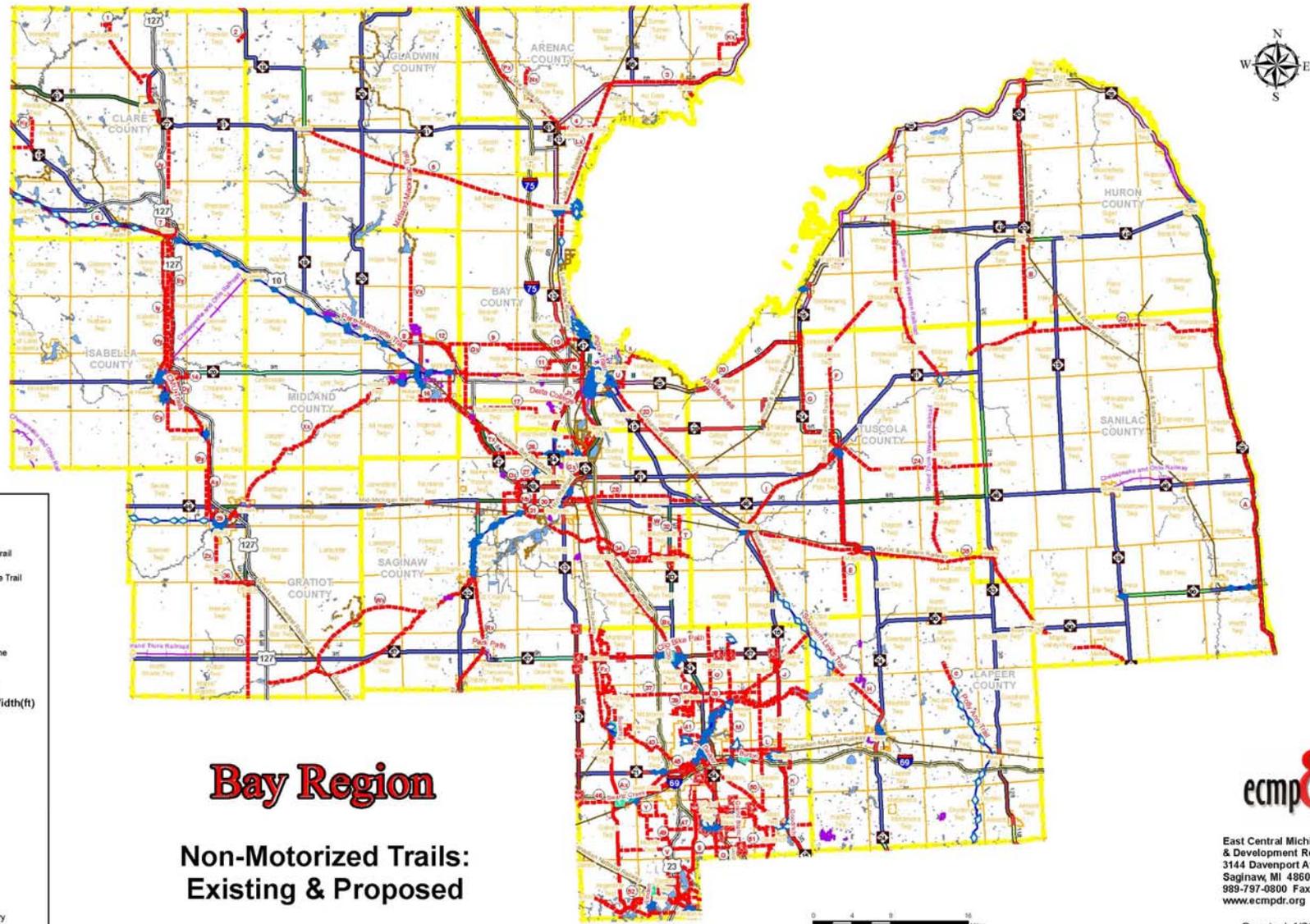
1,214,798 People

Bay Region Non-Motorized Plan

- The goal of the plan is to help create a safe, accessible, convenient and interconnected non-motorized transportation network
- Hosted a “Bay Region Non-Motorized Summit” in October of 2007
- A series of three multi-county charrettes were facilitated for public input with key stakeholders
- Maps were prepared depicting all the proposed non-motorized facilities as suggested by the local communities during the public input session of the charrettes
- Additional public input on the proposed network non-motorized facilities was gathered by making the maps available to the public for comment on the website and through e-mails



Bay Region Non-Motorized Plan



Bay Region

Non-Motorized Trails:
Existing & Proposed

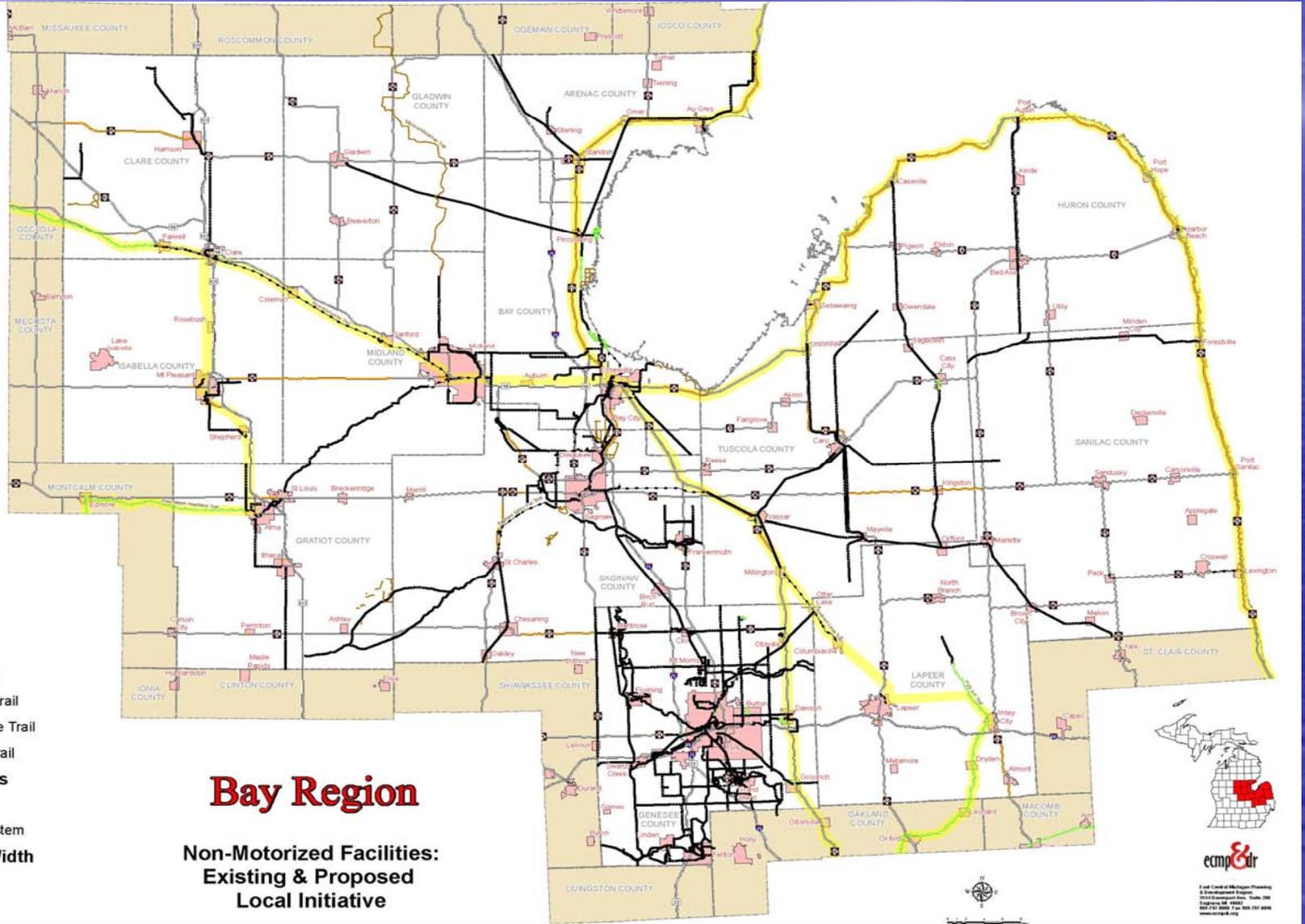
- Legend**
- Existing Trails**
 - Paved Multi-Use Trail
 - Unpaved Multi-Use Trail
 - Bike Lane
 - Proposed Trails**
 - Proposed Trail
 - Proposed Bike Lane
 - Active Railroad
 - Inactive Railroad
 - Paved Shoulder Width(ft)**
 - 2
 - 3
 - 4
 - 5
 - 6
 - 8
 - 9
 - 10
 - 11
 - 12
 - Water Bodies
 - County Boundary
 - Municipal Boundary



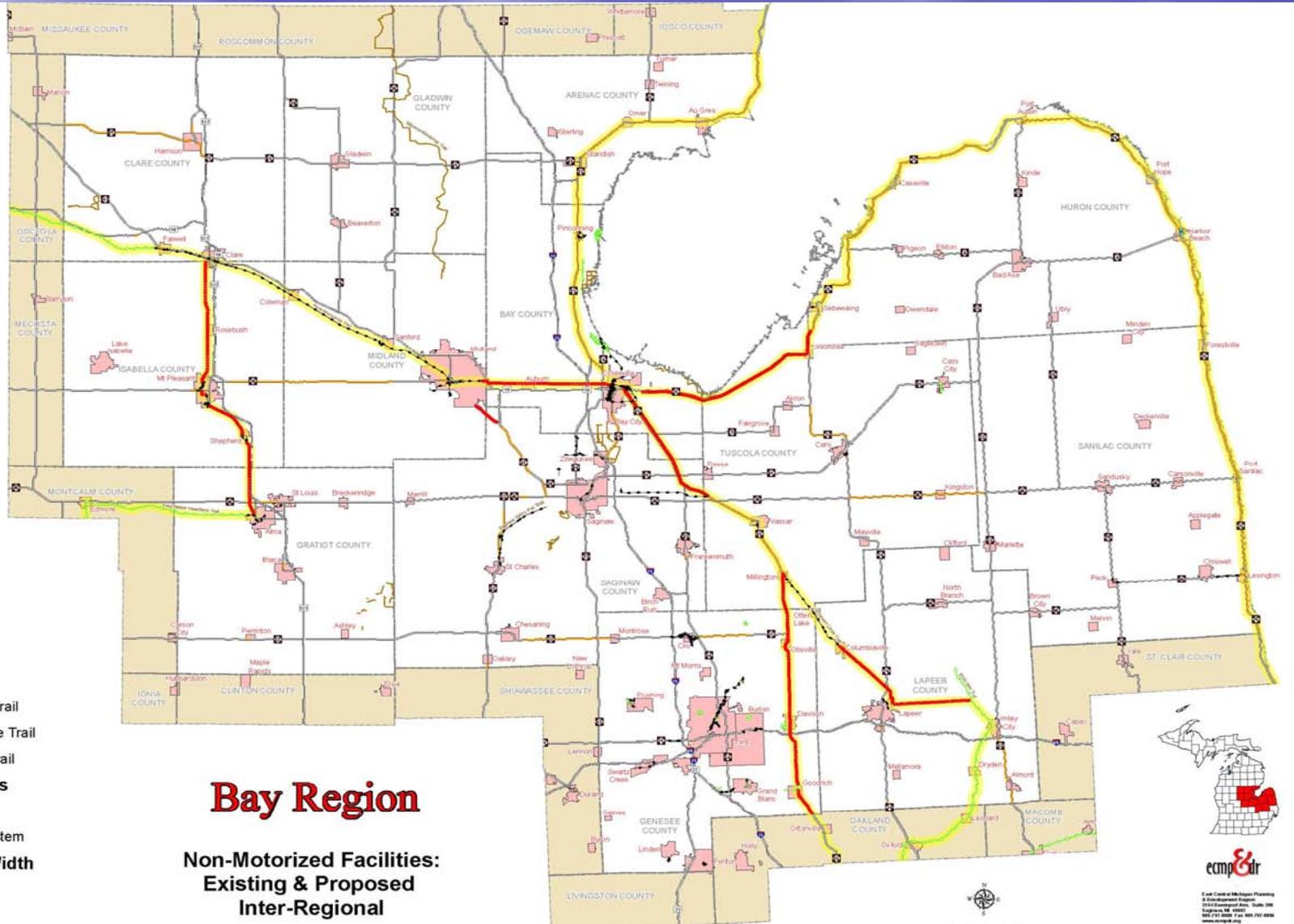
East Central Michigan Planning
& Development Region
3144 Davenport Ave. Suite 200
Saginaw, MI 48602
989-797-0800 Fax 989-797-0896
www.ecmpdr.org

Created 4/22/2008

Bay Region Non-Motorized Plan



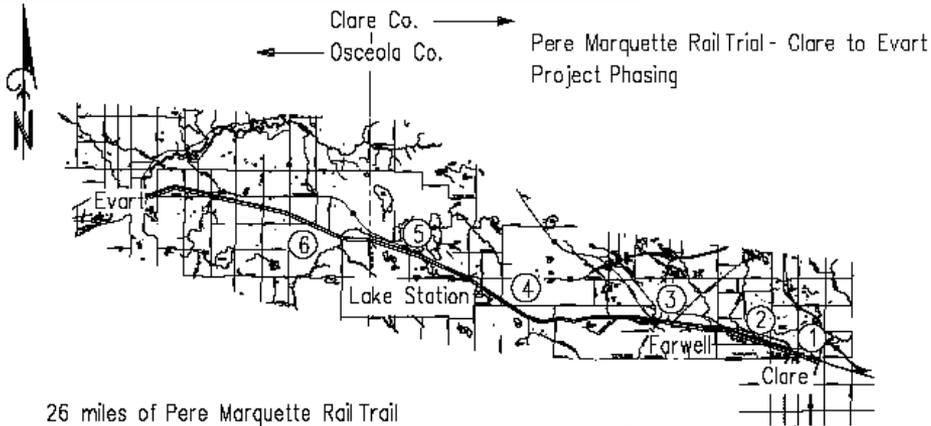
Bay Region Non-Motorized Plan



Southern Links Trailway



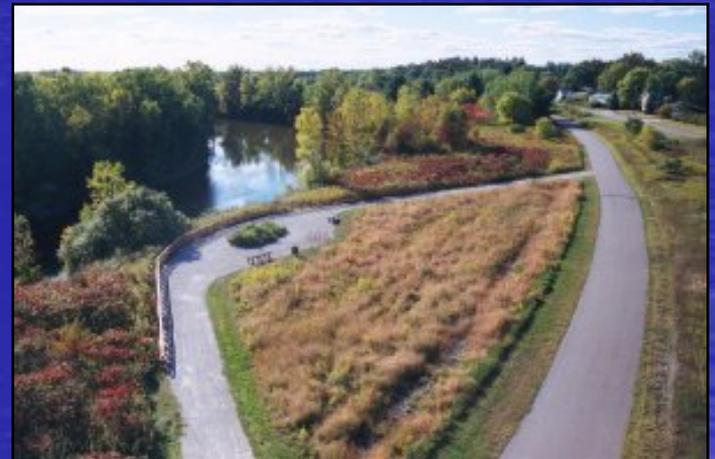
Pere Marquette Rail Trail



26 miles of Pere Marquette Rail Trail

- ① — US-127 to Downtown Clare 4000 feet - 2009 Under Construction
 - ② — Downtown Clare to Moose Lodge (2.5 miles) - Future Funding Request
 - ③ — Clare Moose Lodge to west of Farwell (5.4 miles) - 2009 Funded Under ARRA*
 - ④ — West of Farwell to Lake Station (6.2 miles) - \$940,000
 - ⑤ — Lake Station to Clare County Line (3.1 miles) - \$484,000
 - ⑥ — Clare County Line to Ewart (8.6 miles) - \$1,276,000
- Requested 2010
Enhancement Funds
\$2,700,000

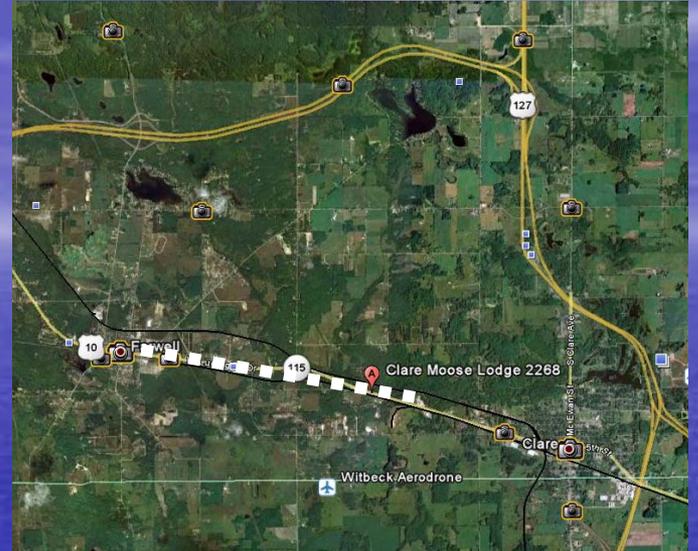
*ARRA - American Recovery and Reinvestment Act of 2009



US 127 to Downtown Clare - 2009

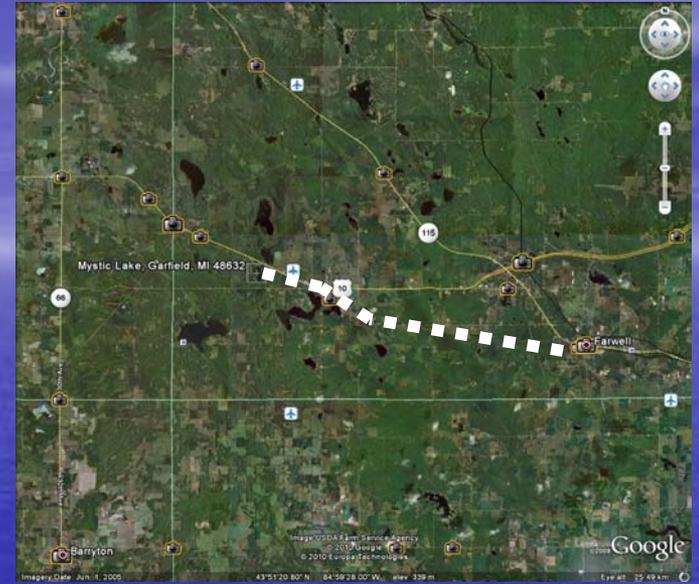


Clare Moose Lodge to west of Farwell



2009 ARRA

West of Farwell to Mystic Lake



2009 ARRA



Bay Region Non-Motorized Plan

Paved Shoulders

- Improve roadway drainage
- Increase effective turning radii at intersection
- Reduce shoulder maintenance requirements
- Provide emergency stopping space for broken-down vehicles
- Provide space for maintenance operations and snow storage
- Provide space for variable message signs
- Head on crashes (15% - 75% reduction)
- Sideswipe crashes (15%-41% reduction)
- Fixed object crashes (29%-49% reduction)

Bay Region Non-Motorized Plan

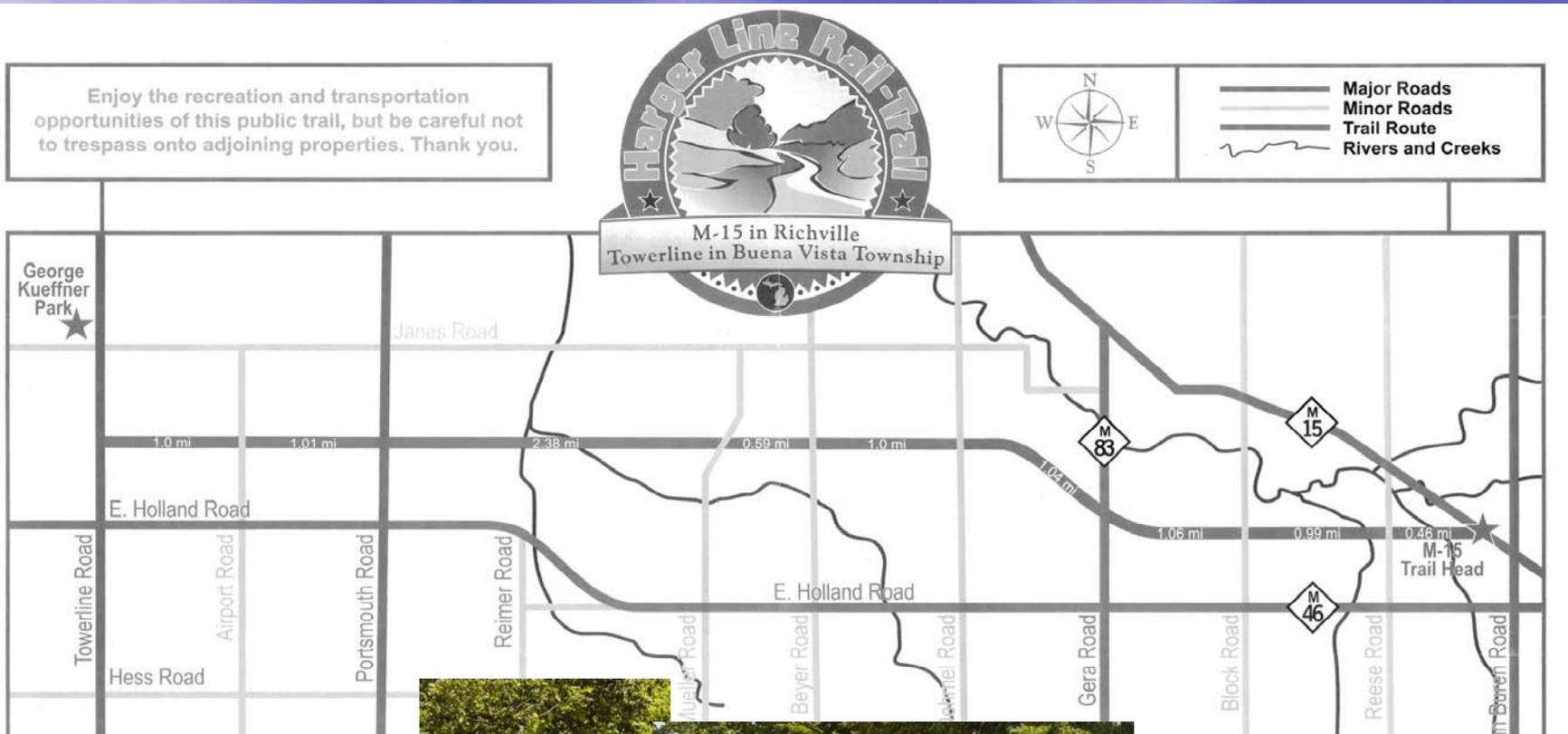
Paved Shoulders

- Provides an increased level of comfort for bicyclists
- Pedestrian (walking along roadway) crashes (71% reduction)
- 8' Shoulder widening \$100,000 per mile vs. \$200,000 per mile for a 10' non-motorized path
- Average maintenance expense is \$6,5000 per mile.

Michigan Trail and Greenway Alliance

Harger Line Trail

\$1,700,000 for 9.5 miles

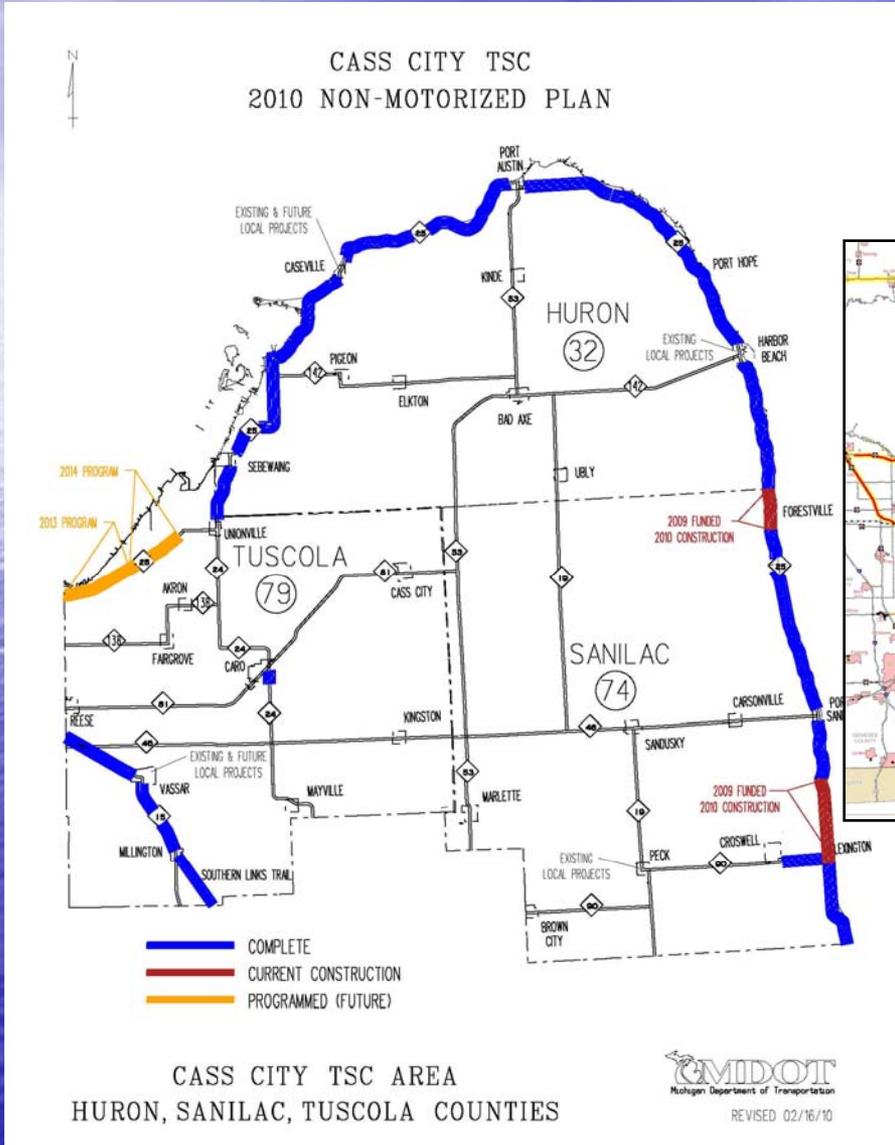


US-23/M-13 Paved Shoulders

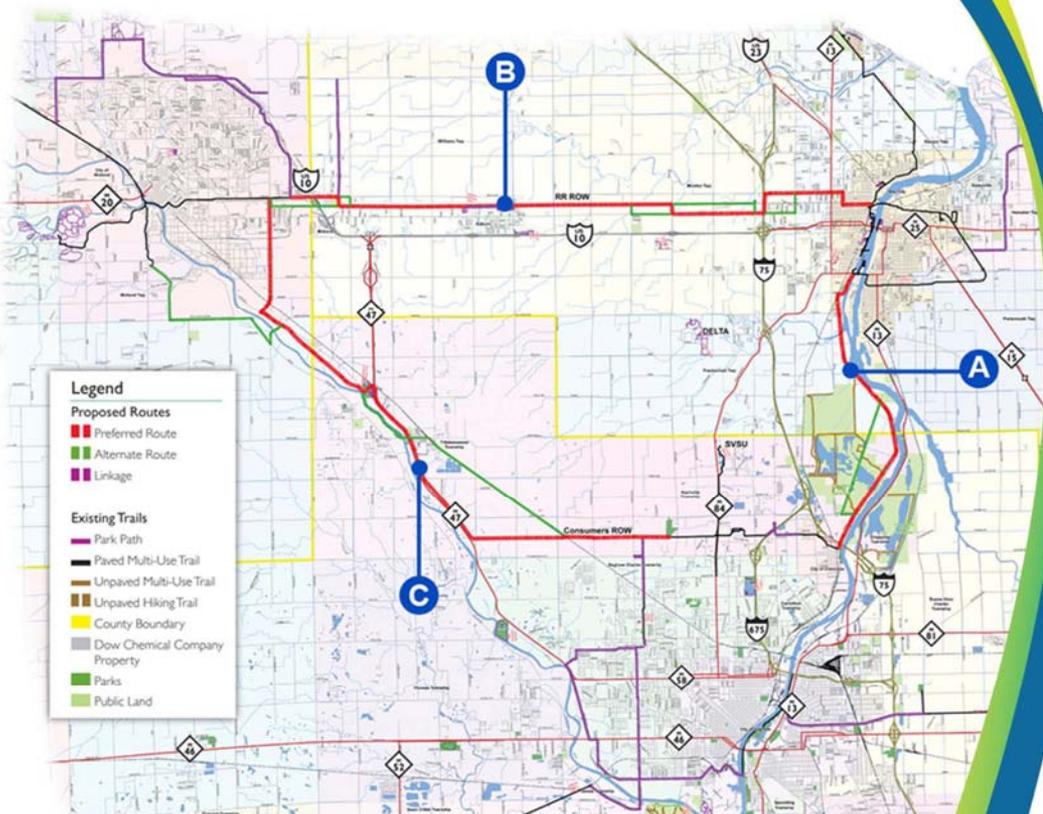
- US-23/ M-13 Bay City to Arenac County Line
- 8' shoulders
- \$3,900,000 for 52 miles



M-25 Paved Shoulders



Great Lakes Bay Regional Trail



Great Lakes Bay Regional Trail

Saginaw County to Bay County Connection

Timing: Up to three years
Preliminary cost estimate: \$3.7 million
Preferred connection route: Inactive 6.2-miles of rail running on the west side of, and parallel to, the Saginaw River.

(See **A** on map)

Bay County to Midland County Connection

Timing: 3-5 years
Preliminary cost estimate: \$6.9 million
Preferred connection route:

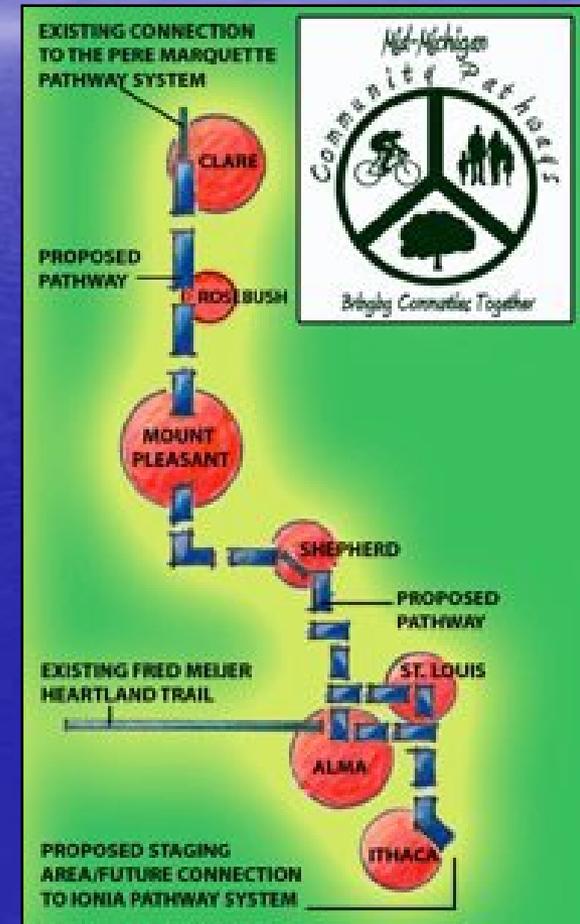
(See **B** on map)

Midland County to Saginaw County Connection

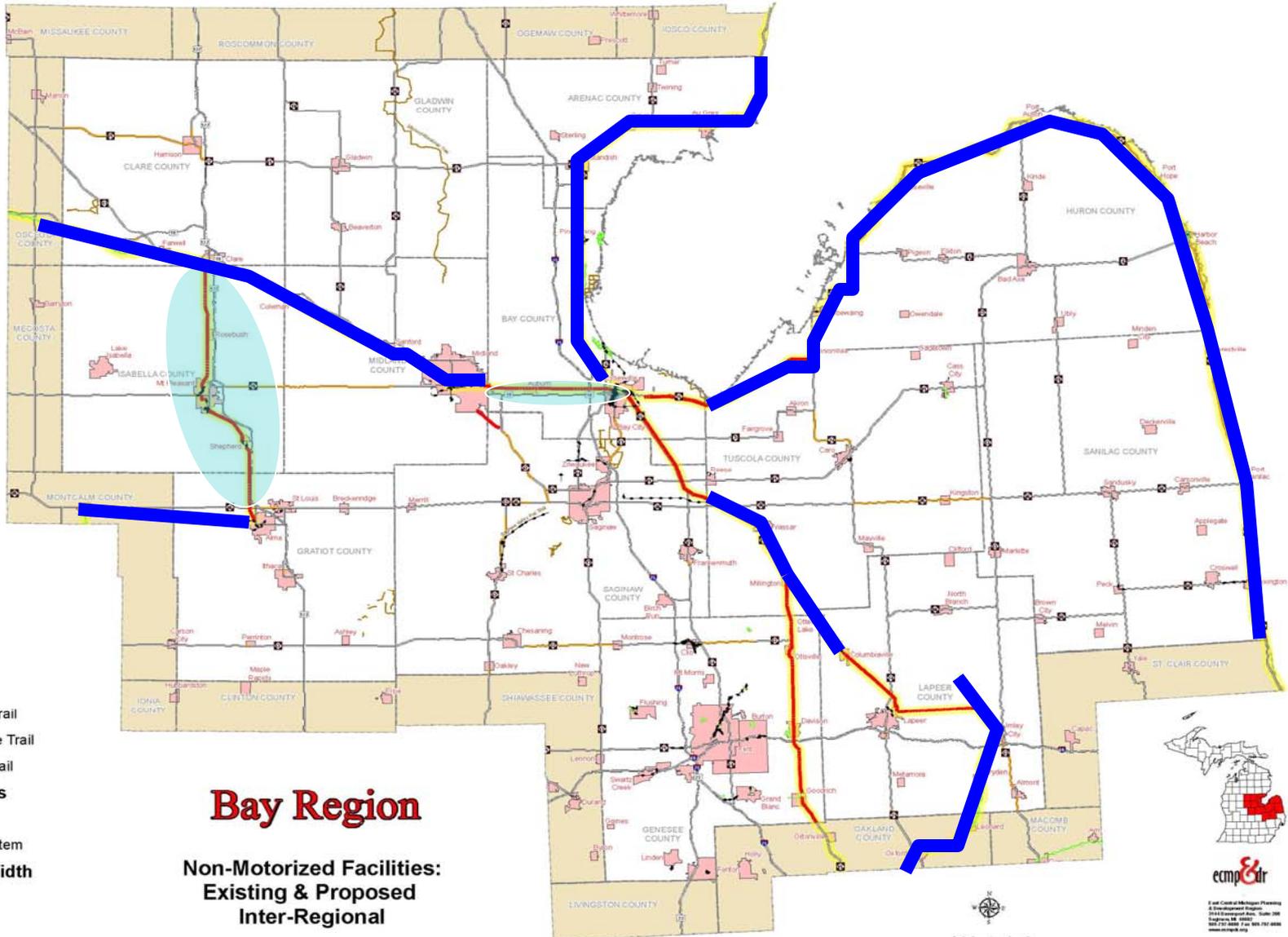
Timing: 5-10 years
Preliminary cost estimate: \$6.7 million
Preferred connection route:

(See **C** on map)

Mid-Michigan Community Pathways



Bay Region Non-Motorized Plan



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



ecmp & dr

1 East Capital Manager Planning
& Development Program
2045 Development Ave., Suite 200
Lansing, MI 48202
616.226.1100 Fax: 616.226.1101
www.ecmpanddr.com

Created 10/2009

Jay Reithel
MDOT Bay Region
55 E. Morley Dr.
Saginaw, MI 48601
989 754 0878 x228
reithelj@mi.gov