The Saginaw Metropolitan Area Transportation Study

Transportation Improvement Program

Fiscal Years 2017 – 2020

Draft Report for Public Review and Comment

May 2016

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SMATS
2017 – 2020 Transportation Improvement Program
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Chapter 1
Introduction and Overview

The Transportation Improvement Program (TIP) is an integral part of the planning process for the Saginaw Metropolitan Area Transportation Study (SMATS). According to the latest federal transportation bill, the FAST Act, a TIP must be developed for the Saginaw urbanized area by SMATS in cooperation with the State and transit operators. The TIP must be updated and approved at least every four years by SMATS and the Governor. It must include all projects to be funded under Title 23 and the Federal Transit Administration (FTA). There must be a reasonable opportunity for public comment prior to TIP approval. The TIP must be updated at least every four years, cover a period of not less than 4 years and must include a priority list of projects to be carried out in the first 4 years. The TIP shall be financially constrained and include a financial plan that demonstrates how the projects can be implemented while the existing transportation system is being adequately operated and maintained. Only projects for which construction and operating funds can reasonably be expected to be available may be included. In developing the financial analysis, SMATS shall take into account all projects and strategies funded under Title 23, U.S.C., and the Federal Transit Act, other Federal funds, local sources, State assistance, and private contributions. The TIP must also be consistent with the SMATS 2040 Metropolitan Transportation Plan.

Implementing agencies in the SMATS area include the City of Saginaw, the Saginaw County Road Commission, and the Saginaw Transit Authority Regional Services (STARS). The Michigan Department of Transportation is the implementing agency for all state highway projects. These agencies have representation on both the SMATS Technical and Transportation Planning Committees. In addition, the implementing agencies are represented by ex officio members serving on the Saginaw County Metropolitan Planning Commission, the MPO's Policy Body.

The Technical Committee reviews all project requests. The Technical Committee then forwards a recommended priority list of projects to the Policy Committee for final approval and placement in the TIP. All implementing agencies in the Saginaw Metropolitan Area have participated in the development of projects and priorities identified in the TIP. In addition, a map of the SMATS area is included on page 3.

Saginaw County was an attainment/maintenance area operating under minimal maintenance requirements under EPA's 1-Hour Ozone Standard. Since EPA has revoked the 1-Hour Ozone Standard and replaced it with a newer standard, the former minimal maintenance requirements for the county have been removed

with that action. Saginaw County is in attainment for ozone under EPA's recently implemented 8-hour Ozone Standard. There is no requirement to conduct a conformity analysis for the county under this designation.

In addition, the preparation and approval of the TIP is done in accordance with the SMATS Participation Plan, which was adopted in December 2015. The Participation Plan provides for early involvement in the planning process by stakeholders to ensure there are ample opportunities to participate in key decisions.

The SMATS implementing agencies have indicated that funds are available from the sources indicated to implement the projects listed in the TIP (i.e. non-Federal share will be available). Funds have been included in each agencies approved transportation budget. Furthermore, projects can be funded by the resources that are expected to be available. Project listings for fiscal years 2017, 2018, 2019 and 2020 are shown in Appendix B.

Community Participation

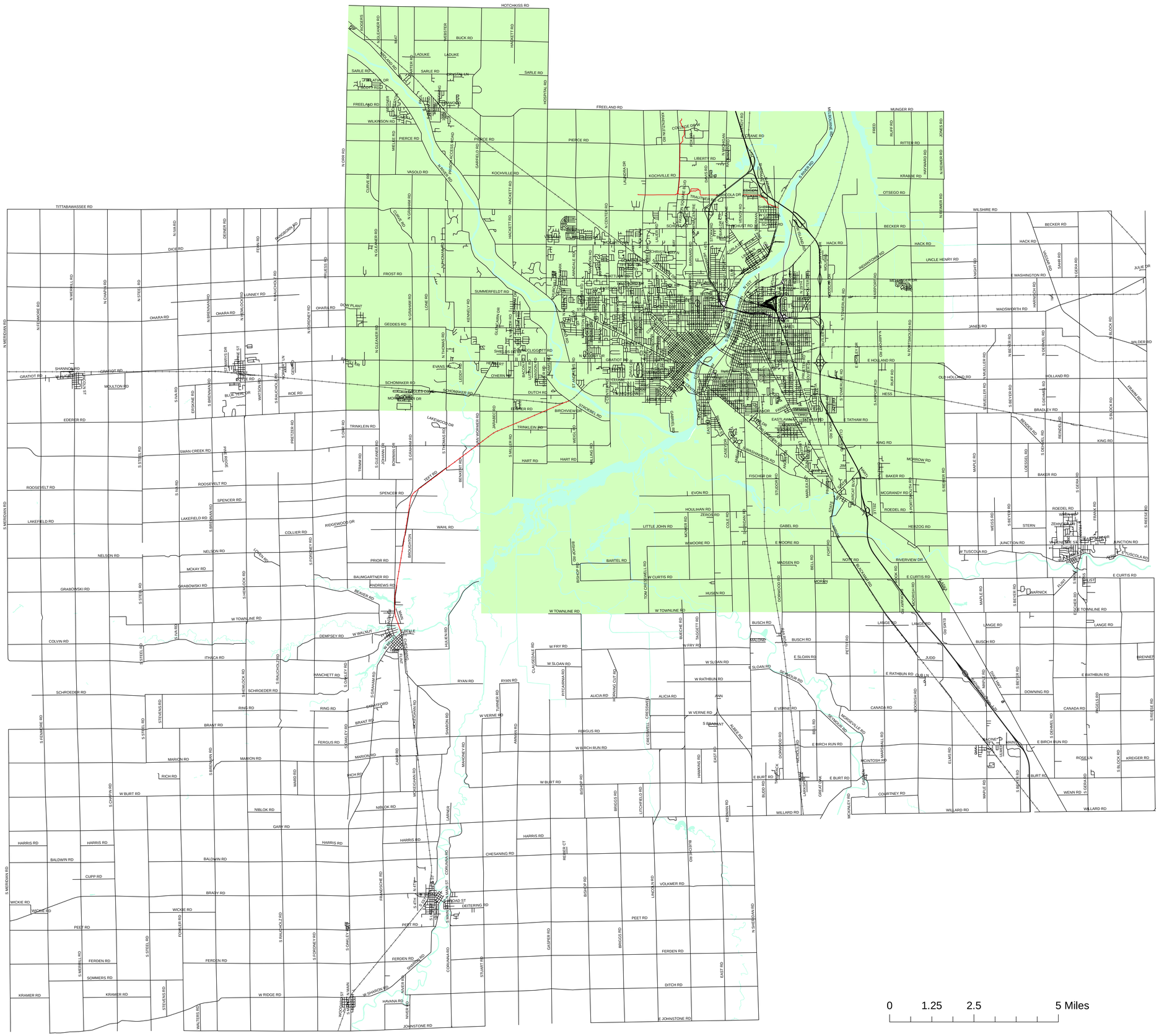
Community outreach and involvement activities for the draft TIP were conducted in accordance with the SMATS Participation Plan. SMATS staff sent letters to the consultation contact list (listing in Appendix C) that was developed as part of the MPO's Participation Plan. The letters informed the recipients of the availability of the draft TIP and upcoming community meetings, and invited their comments. The draft TIP, including tables and maps, was also posted on the SMATS web page:
http://www.saginawcounty.com/Planning/Default.aspx.
The draft document's availability on the website was also announced in the letter to the contact list.

Open houses on the complete draft TIP document were held on June 7 and June 21, 2016 at the County Governmental Center. At the meetings, SMATS staff provided copies of the draft TIP, especially the project lists, maps of the project locations, and related materials, such as the Metropolitan Transportation Plan and various maps of the local road system.

Prior to the adoption of the 2017 – 2020 TIP, the Saginaw County Metropolitan Planning Commission held a public hearing on the draft TIP on June 21, 2016.

Comments received on the draft TIP are presented in Appendix C.

Saginaw County SMATS Study Area



LEGEND

- Rail Trail
- Countywide Streets
- SMATS Boundary

County Airports

- Harry Browne Airport
- MBS International Airport

SAGA
Saginaw Area GIS Authority
www.sagagis.org

July 2007

Chapter 3
Transportation Projects

Completed FY 2014 – 2016 TIP Projects
During the life of the FY 2014-2017 TIP, the SMATS implementing agencies completed numerous projects. These are summarized below by Fiscal Year.

FY 2014:

- Williamson Road at King Drain, drain crossing replacement (SCRC).
- M-83 over Cheboyganing Creek, bridge restoration (MDOT).
- Johnson Street over Saginaw River, bridge preventive maintenance (Saginaw City).
- Fergus Road, Shiawassee River to Gasper Road, resurfacing (SCRC).
- Marion Road, Meridian to Fenmore, reconstruction (SCRC).
- West Sharon Road, Peet Road to Niver Road, reconstruction (SCRC).
- Public transit capital equipment, facilities and maintenance equipment upgrades, (STARS).
- Public transit vehicle replacements (STARS).
- Transit vans with lifts, vehicle replacements (Saginaw County Commission on Aging).

FY 2015:

- I-75, Dixie Highway to Hess, reconstruction, major widening (MDOT).
- I-75 under Baker Road, bridge replacement (MDOT).
- I-75 under M-54 and M-83, restore and rehabilitate (MDOT).
- M-13 over Flint River, bridge replacement (MDOT).
- M-13 over Birch Run Outlet drain, bridge replacement (MDOT).
- M-13 over Koepke Drain, bridge removal (MDOT).
- 19th Street, Janes to Lapeer, reconstruction (Saginaw City).
- Mackinaw Street, State Street to Weiss, restore & rehabilitate (Saginaw City).
- Niagara Street, Genesee Street to Davenport, reconstruction (Saginaw City).
- Gabriel Road and Maple Street, Beacon Drive to Greenpoint Nature Center, reconstruction and shared use path construction (Saginaw City).
- Wieneke Road, Weiss to Shattuck and Shattuck west of Lawndale to Wieneke, reconstruction and widening to 3 lanes (SCRC).
- Freeland Road, M-47 to Railroad tracks, reconstruction (SCRC).
- River Road, north of Frost Road, bank slide restoration (SCRC).
- Towncenter Streetscape Project, Holland Avenue & Outer Drive, streetscape and roadside facility improvements (SCRC).

- Dehmel Road over Dead Creek, bridge replacement (SCRC).
- Gary and Gasper Roads, Lincoln to Fergus, reconstruction (SCRC).
- STARS Transit, transit vehicle addition/replacements. (MDOT).
- Public transit capital projects: overhead door replacement; computer inventory system replacement (STARS).
- Transit vehicle replacements (Saginaw County Commission on Aging).

FY 2016:

- I-75 over Kochville Drain, bridge deck replacement (MDOT).
- I-75, I-675 North Junction to Saginaw/Bay County Line, reconstruction (MDOT).
- I-75 under Crane Road, bridge removal (MDOT).
- Court Street, Center Street, and Holland Avenue bridges over the Saginaw River, preventive maintenance (Saginaw City).
- Mason Street, Davenport to Weiss, reconstruction (Saginaw City).
- Warren Avenue, Millard to Genesee, restore & rehabilitate (Saginaw City).
- Hamilton Street, Court Street to Madison, streetscape enhancements (Saginaw City).
- East Genesee and Michigan Avenues, optimization of 36 traffic signals (Saginaw City).
- Hemmeter Road, Brockway to State, reconstruction (SCRC).
- Portsmouth Road, Munger to Washington, preventive maintenance (SCRC).
- Merrill Road over Handy Creek, bridge replacement (SCRC).
- Gasper Road over branch of Fairchild Creek, bridge replacement (SCRC).
- Curtis Road over Dead Creek, bridge replacement.
- Fergus Road, M-52 to Shiawassee River, resurfacing (SCRC).
- Morseville Road over Silver Creek, bridge replacement (SCRC).
- Peet Road over Lamb Creek, bridge replacement (SCRC).
- Merrill Road, Ederer Road to Swan Creek, resurfacing (SCRC).
- Merrill Road, Merrill Village Limits to Ederer, resurfacing (SCRC).
- Birch Run Road over Briggs Drain, bridge replacement (SCRC).
- Capital vehicles, transit vehicles additions/replacement. (STARS Transit).
- Transit vehicle replacements (HealthSource Saginaw).
- Transit vehicle replacements (St. Mary's Guardian Angel Respite & Adult Day Services).
- Hart Road, Willing Road to S. Miller Road, restore & rehabilitate (SCRC).

Project Selection Process

For projects to be included in the new TIP for 2017 -- 2020, SMATS sent out a "Call for Projects" to the implementing agencies. The projects are initially evaluated by the implementing agencies (road agencies and transit operator) using the ***Ranking Method for Preservation and Capacity Projects*** that was adopted by SMATS in February 2006. This method uses a numerical scoring process to objectively rank each project on its merit based on tangible performance measures. The document describing the complete ranking method is posted on the SMATS web page at http://www.saginawcounty.com/Planning/SMATS.aspx and has not been reproduced as part of the TIP document. As noted in the "Ranking Method" document, the Metropolitan Planning Commission and Transportation Planning Committee should consider the TIP project prioritization criteria as a tool in decision making, but any decision should not be based ***solely*** on the ranking.

The proposed transportation projects received are brought forward to the SMATS Technical Committee for review. The committee discusses the projects and the related impacts and improvements to the transportation system on an area-wide basis. The committee then prioritizes the projects based on how the project will enhance the entire system in the SMATS region as well as reviewing the amount of available funds for transportation projects. These recommendations are then forwarded to the Transportation Planning Committee for concurrence and inclusion in the draft TIP. Finally, the Metropolitan Planning Commission reviews the project list and authorizes the release of the draft TIP for public review and stakeholder involvement activities in accordance with the Participation Plan. At the end of the review period, the Metropolitan Planning Commission considers the comments received, holds a public hearing, makes any necessary adjustments in the TIP, and then adopts the TIP.

Amendments & Administrative Changes to the TIP

The TIP is a working document, and it may be amended as new projects and funding programs emerge, as changes in projects arise, or as other developments may occur. It is also possible to make administrative changes in the TIP without a formal amendment if certain criteria are met. The following table provides guidance to assist SMATS and local agencies in determining whether an amendment is needed for a project of if an administrative change is sufficient.

Amendments Include:	**Administrative Changes Include:**
1. Adding new project(s). New projects include projects previously deleted from the TIP and then resubmitted at a later time for inclusion in the TIP.	1. Carrying a project from one approved TIP to the next as long as it is not a major capacity project and the carrying foward is done in the first quarter of the first year of the new TIP. There must be sufficient revenues to accommodate the project; otherwise it must be processed as an amendment.
2. Deleting projects	2. A minor change in scope of work (generally, anything not mentioned in the "Amendment" column is considered minor).
3. Extending the length of a previously approved project one-half mile or greater. This is considered a major change in scope of work.	3. Cost increases of 25 percent or less without a major change in scope of work AND without over- programming the TIP.
4. Adding a travel or turn lane one-half mile or greater in length to a previously approved project. This is considered a major change in scope.	4. Changing the source of federal aid for a project, within the same federal agency.
5. Adding a new project phase to a previously approved project. This is considered a major change in scope.	5. Changing the order of approved projects by year within the TIP.
6. Adding federal funds to a project that previously did not have federal funds designated as part of the project funding.	6. Changing a federally funded project to advance construct. The project must be shown in both the advance construct and payback years.
7. Cost increases by more than 25 percent, with or without a major change in scope of work.	

2017 – 2020 Projects

The general locations of the projects selected for the 2014 – 2017 TIP are shown on the following map. Tables that provide detailed information on the projects are included in Appendix B.

FAST Act Performance Measures

The FAST Act requires SMATS to establish performance targets that reflect national performance goals and measures. The National Performance goals as established in MAP-21 and now the FAST Act are as follows:

1. **Safety** - To achieve a significant reduction in traffic fatalities and serious injuries on all public roads.
2. **Infrastructure Condition** - To maintain the highway infrastructure asset system in a state of good repair.
3. **Congestion Reduction** - To achieve a significant reduction in congestion on the National Highway System.
4. **System Reliability** - To improve the efficiency of the surface transportation system
5. **Freight Movement and Economic Vitality** - To improve the national freight network, strengthen the ability of rural communities to access national and international trade markets, and support regional economic development.
6. **Environmental Sustainability** - To enhance the performance of the transportation system while protecting and enhancing the natural environment.
7. **Reduced Project Delivery Delays** - To reduce project costs, promote jobs and the economy, and expedite the movement of people and goods by accelerating project completion through eliminating delays in the project development and delivery process, including reducing regulatory burdens and improving agencies' work practices

These measures must be coordinated with MDOT and transit providers. They must be set by SMATS within 180 days of the MDOT's or transit agency's establishment of performance targets. As these targets have not yet been established by MDOT as of the writing of this TIP, no specific performance targets are identified at this time. As targets are identified in the future, they will be incorporated in the next developed TIP and implemented as required by law.

Chapter 4
Environmental Justice

In April 1997, the U.S. Department of Transportation (DOT) issued the DOT order on environmental justice to address environmental justice in minority populations and low-income populations (DOT Order 5610.2). The order generally describes the process for incorporating environmental justice principles into all DOT programs, policies, and activities. Environmental justice is an important part of the planning process and must be considered in all phases of planning. This includes all participation activities, the development of the Metropolitan Transportation Plan, and preparation of Transportation Improvement Programs that are adopted by SMATS. Specifically, SMATS will ensure that environmental justice concerns are adequately considered within the project planning process and as part of its established Participation Plan activities.

Environmental justice includes the following fundamental concepts:

1. To avoid, minimize, or mitigate disproportionately high and adverse human health or environmental effects, including social and economic effects, on minority populations and low-income populations.
2. To ensure the full and fair participation by all potentially affected communities in the transportation decision-making process.
3. To prevent the denial of, reduction in, or significant delay in the receipt of benefits by minority populations and low-income populations.

SMATS will continue to work with all stakeholders to identify the residential, employment, and transportation patterns of low-income and minority populations so that their needs can be identified and addressed, and the benefits and burdens of transportation investments can be fairly distributed. SMATS will also continue to evaluate and where necessary, improve the Participation Plan to eliminate barriers and engage minority and low-income populations in transportation decision making.

SMATS will also continue to encourage the active participation of well-informed individuals, community groups, and other non-governmental organizations. The involvement of these individuals and groups advances the spirit and intent of environmental justice in transportation planning when they become involved in participation activities.

A basic concept is that early stakeholder involvement greatly improves opportunities for groups and individuals to achieve their desired impact on the process. There are many situations where public participation has influenced transportation decisions made in our community.

SMATS has developed an extensive list of organizations as part of its public participation and consultations efforts. This list will continue to grow as additional groups are identified. Environmental justice efforts are ongoing as part of SMATS' outreach and community involvement efforts. Specific strategies will be developed with each group after initial contact and discussions have occurred. This will ensure that the strategies will be developed jointly and cooperatively between the MPO and community organizations representing low-income populations and minority populations.

Definition of "Minority" for Purposes of Environmental Justice
According to the U.S. DOT Order 5610.2 the following groups are defined as "minority":

1. Black (a person having origins in any of the black racial groups of Africa).
2. Hispanic (a person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race).
3. Asian American (a person having origins in any of the original people of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands).
4. American Indian and Alaskan Native (a person having origins in any of the original people of North America and who maintains cultural identification through tribal affiliation or community recognition).

Definition of "Low-income" for Purposes of Environmental Justice
Low-income is defined as a person whose household income is at or below the Department of Health and Human Services (HHS) poverty guidelines. HHS poverty guidelines are used as eligibility criteria for the Community Services Block Grant Program and a number of other federal programs. However, a state or locality may adopt a higher threshold for low-income, as long as the higher threshold is not selectively implemented and is inclusive of all persons at or below the HHS poverty guidelines.

Analysis
SMATS has developed and maintains a demographic profile of the transportation planning area that includes identification of the locations of minority populations and low income populations as covered by the Executive Order on environmental justice. SMATS previously conducted environmental justice analysis for all local road capacity projects that are listed in the 2040 Metropolitan Transportation Plan using the 2010 Census data. Note that SMATS only conducts environmental justice analysis for projects that add capacity to the transportation system. This includes construction of new roads and the widening of existing roads, including the addition of dedicated turn lanes.

Projects that are limited to maintenance or preservation of the existing road network are excluded for further environmental justice analysis because they do not involve any relocations, displacements, or right-of-way acquisitions.

The locations of the local road capacity projects listed in the 2040 Plan were compared to the existing census tracts to identify the tracts that may be impacted by the various projects. The MTP projects were separated into three timeframes: 2012 – 2020; 2021 – 2030; and 2031 – 2040.

For the 2014 – 2017 TIP, the MTP capacity projects for the 2012 – 2020 time period and the tracts they might impact were selected for further analysis.
Next, each of the impacted census tracts was evaluated for minority populations that exceed the Saginaw County average and for low income populations that exceed the County average. The results of this analysis are shown in Table 3-1.

SMATS also prepared a series of maps that show minority populations and low income populations in relation to the capacity projects listed in the 2040 Metropolitan Transportation Plan. These maps are also included in the TIP in Appendix D, and show all projects listed in the MTP for 2012 – 2040.

Conclusions
The SMATS 2040 MTP contains 18 projects that may impact EJ areas. However, none of these projects are included in the 2017 – 2020 TIP. The projects proposed in this TIP entirely address preservation of the current transportation system. They do not involve any relocations or displacements of persons.

Also, during the planning process, all projects have an opportunity for public comment and participation. Open house meetings are held for the draft TIP to discuss the socio-economic impacts of the project on the community which includes any impacts on low income populations or minority populations. Also, during construction, appropriate detour routes are developed to minimize delay and disruption on all population groups.

Having followed the appropriate environmental justice practices, SMATS has not identified any disproportionately (unusually high) adverse impacts on minority or low income populations that would result from the projects selected for the 2017 – 2020 Transportation Improvement Program.

SMATS will continue to address environmental justice issues over the life of the TIP. Coordination with MDOT with assistance and guidance provided by FHWA will help to refine and expand the current efforts.

Appendix A

MPO Self-Certification

TIP Adoption Documentation

METROPOLITANTRANSPORTATION
PLANNING PROCESS CERTIFICATION
(for Attainment Areas)

In accordance with 23 CFR 450.334, the Michigan Department of Transportation and the *Saginaw Metropolitan Area Transportation Study (SMATS)*, the Metropolitan Planning Organization for *the Saginaw*, Michigan urbanized area, hereby certify, as part of the STIP submittal, that the transportation planning process is addressing the major issues in the metropolitan planning area and is being conducted in accordance with all applicable requirements of:

I. 49 23 U.S.C. 134, 49 U.S.C. 5303, and this subpart;

II. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;

III. 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;

IV. Section 1101(b) of the SAFETEA-LU (Pub. L. 109-59) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;

V. 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;

VI. The provisions of the Americans with Disabilities Act of 1990 (42 U.S. C. 12101 *et seq.*) and 49 CFR parts 27, 37, and 38;

VII. The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;

VIII. Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender; and

IX. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

Timothy Courtney, Chair Saginaw County Metropolitan Planning Commission (MPO Policy Body)	David Wresinski, Director Bureau of Transportation Planning
Date	Date

Appendix B

Project Listings

Financial Constraint Table

SMATS FY 2017 - 2020 Transportation Improvement Program

5/12/16

Required Fields

Fiscal Year	County	Respon-sible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Advance Construct	Federal Cost ($1000s)	Federal Fund Source	State Cost ($1000s)	State Fund Source	Local Cost ($1000s)	Local Fund Source	Total Phase Cost ($1000s)	MDOT Job No.	Local ID No.	MPO/ Rural Action Date	Amend-ment Type	Air Quality	Comments	Total Project Cost ($1000s)
2017	SAGINAW	MDOT	I-75	Hess to South I-675 Interchange	2.55	Widen - major (capacity increase)	Freeway reconstruct	ROW		1,350	IM	150	M	0		1,500	127021						43,532
2017	SAGINAW	MDOT	I-75	Hess to South I-675 Interchange	2.55	Widen - major (capacity increase)	Freeway reconstruct	PE		2,565	IM	285	M	0		2,850	127021						43,532
2017	SAGINAW	MDOT	M-46	2 bridges in Saginaw County	0.60	Bridge replacement	Bridge Replacement	PE		117	IM	13	M	0		129	129594						16,807
2017	SAGINAW	MDOT	M-46	2 bridges in Saginaw County	0.60	Bridge replacement	Bridge Replacement	SUB		1,802	IM	200	M	0		2,002	129594						16,807
2017	SAGINAW	MDOT	Trunkline Bridge Preservation	Regionwide		GPA	Trunkline Bridge Preservation			446	ST	50	M	0		496					NA	based on project list in FHWA GPA tab	496
2017	SAGINAW	MDOT	Trunkline Bridge 3R	Regionwide		GPA	Trunkline Bridge 3R			414	ST	92	M	0		506					NA	based on project list in FHWA GPA tab	506
2017	SAGINAW	Saginaw City	Jefferson Ave	Jefferson, Janes to Genesee	0.15	Resurface	4-lane HMA mill & resurface	CON		119	STUL	0		26	CITY	145	130431				N		145
2017	SAGINAW	Saginaw City	Veterans Memorial Pkwy	Veterans Memorial Pkwy	1.80	Restore & rehabilitate	Concrete pvmt & joint repair; HMA mill & resurface	CON		496	STUL	0		110	CITY	606	130434				N		606
2017	SAGINAW	Saginaw City	Williamson Rd	Williamson, Thayer to Treanor	0.37	Restore & rehabilitate	2 & 3-lane concrete pvt & joint repair	CON		1,050	STUL	0		233	CITY	1,283	130446				N		1,283
2017	SAGINAW	SCRC	Local Bridge	Regionwide		GPA	Local Bridge			967	ST	181	M	60	OLF	1,209					NA	based on project list in FHWA GPA tab	1,209
2017	SAGINAW	SCRC	Rural Task Force	Regionwide		GPA	Rural Task Force			774	ST	113	EDD	101	CNTY	988					NA	based on project list in FHWA GPA tab	1,009
2017	Saginaw	STARS	Operating assistance	Areawide		Transit operations	Operating assistance, urbanized area	T-Ops		1,830	5307			1,830	OLF	3,660			06/18/13		Not applicable		3,660
2017	Saginaw	STARS	Operating assistance	Areawide		Transit operations	Operating assistance, non-urbanized area	T-Ops		43	5311			43	OLF	86			06/18/13		Not applicable		86
2017	Saginaw	STARS	Saginaw County Commission on Aging	County-wide	0.00	Transit vehicle additions/replacements	Purchase four 6-passenger light duty vans with lifts	T-Cap		160	5310	40	CTF			200		2016-28	02/16/16	Add	Not applicable	Add project, Commission on Aging van replacements.	200
2017	Saginaw	STARS	Wellspring Lutheran Services	County-wide		Transit vehicle additions/replacements	Purchase 6-passenger van with ramp & small bus with lift.	T-Cap		90	5310	22	CTF			112		2016-29	02/16/16	Add	Not applicable	Vehicle replacements	112
2018	SAGINAW	MDOT	M-46	Brennan Road to M-52	5.98	Resurface	Two Course HMA Overlay with Drainage Improvements	CON		3,697	NH	820	M	0		4,517	117411						5,048
2018	SAGINAW	MDOT	M-46	West limits of Merrill to Brennan Road	4.79	Resurface	Mill & Two Course Overlay	CON		3,686	NH	817	M	0		4,503	116505						4,915
2018	SAGINAW	MDOT	Birch Run/Trolley Line Trail	Birch Run, Saginaw County		Roadside facility	Non-Motorized Path	CON		507	STE	140	M	50	CITY	697	122716						790
2018	SAGINAW	MDOT	M-47	from Powley Drive to Freeland SportsZone	2.20	Roadside facility	Construct 10' Non-Motorized Path	CON		932	TA	281	M	191	OLF	1,404	124337						1,649
2018	SAGINAW	MDOT	Trunkline Highway Preservation	Regionwide		GPA	Trunkline Highway Preservation			758	ST	168	M	0		926					NA	based on project list in FHWA GPA tab	926
2018	SAGINAW	MDOT	Trunkline Traffic Operations or Safety	Regionwide		GPA	Trunkline Traffic Operations and Safety			86	ST	10	M	0		95					NA	based on project list in FHWA GPA tab	95
2018	SAGINAW	MDOT	Trunkline Bridge 3R	Regionwide		GPA	Trunkline Bridge 3R			596	ST	132	M	0		729					NA	based on project list in FHWA GPA tab	729
2018	SAGINAW	MDOT	Trunkline Bridge Preservation	Regionwide		GPA	Trunkline Bridge Preservation			336	ST	84	M	0		420					NA	based on MDOT template budgets and 5 year average	420
2018	SAGINAW	MDOT	Trunkline Roadside Infrastructure Improvement	Regionwide		GPA	Trunkline Roadside Infrastructure GPA			391	ST	98	M	0		489					NA	based on MDOT template budgets and 5 year average	489
2018	SAGINAW	SCRC	Fergus Road	Over Fairchild Creek		Bridge replacement	Replacement	CON		996	BO	187	M	62	CNTY	1,245	129291						1,245
2018	SAGINAW	SCRC	Davis Rd	Davis, Tittabawassee to Pierce	0.90	Restore & rehabilitate	2-lane road rehab & drainage improvements	CON		1,664	STUL	0		836	CNTY	2,500	130442				N		2,500
2018	SAGINAW	SCRC	Rural Task Force	Regionwide		GPA	Rural Task Force			785	ST	130	EDD	67	CNTY	981					NA	based on project list in FHWA GPA tab	1,000
2019	SAGINAW	MDOT	Trunkline Bridge Preservation	Regionwide		GPA	Trunkline Bridge Preservation			776	ST	194	M	0		970					NA	based on MDOT template budgets and 5 year average	970
2019	SAGINAW	MDOT	Trunkline Highway Preservation	Regionwide		GPA	Trunkline Highway Preservation			2,824	ST	706	M	0		3,530					NA	based on MDOT template budgets and 5 year average	3,530
2019	SAGINAW	MDOT	Trunkline Roadside Infrastructure Improvement	Regionwide		GPA	Trunkline Roadside Infrastructure GPA			691	ST	173	M	0		864					NA	based on MDOT template budgets and 5 year average	864
2019	SAGINAW	MDOT	Trunkline Traffic Operations or Safety	Regionwide		GPA	Trunkline Traffic Operations and Safety			1,210	ST	302	M	0		1,512					NA	based on MDOT template budgets and 5 year average	1,512
2019	SAGINAW	MDOT	Trunkline Bridge 3R	Regionwide		GPA	Trunkline Bridge 3R			1,256	ST	314	M	0		1,570					NA	based on MDOT template budgets and 5 year average	1,570

SMATS FY 2017 - 2020 Transportation Improvement Program

5/12/16

Required Fields

Fiscal Year	County	Respon-sible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Advance Construct	Federal Cost ($1000s)	Federal Fund Source	State Cost ($1000s)	State Fund Source	Local Cost ($1000s)	Local Fund Source	Total Phase Cost ($1000s)	MDOT Job No.	Local ID No.	MPO/ Rural Action Date	Amend-ment Type	Air Quality	Comments	Total Project Cost ($1000s)
2019	SAGINAW	Saginaw City	Mackinaw St	Mackinaw, Congress to State (M-58)	0.66	Reconstruct	3-lane HMA reconstruction	CON		832	STUL	0		184	CITY	1,016	130430				N		1,016
2019	SAGINAW	SCRC	Williamson Rd	Williamson at King Drain	0.26	Bridge - other	Culvert replacement	CON		249	STUL	0		62	CNTY	311	130427				N		311
2019	SAGINAW	SCRC	Center Rd	Center, State (M-58) to 450' north	0.21	Resurface	Mill & resurface	CON		160	STUL	0		40	CNTY	200	130428				N		200
2019	SAGINAW	SCRC	Wieneke Rd	Wieneke, Weiss to Shattuck	0.68	Widen - major (capacity increase)	Reconstruction & widening	CON	ACC	423	STUL	0		0		423	130502				N		423
2019	SAGINAW	SCRC	Rural Task Force	Regionwide		GPA	Rural Task Force			800	ST	130	EDD	71	CNTY	1,000					NA	based on project list in FHWA GPA tab	1,000
2020	SAGINAW	MDOT	M-57	Saginaw/Gratiot County Line to M-52	10.19	Restore & rehabilitate	Crush & Shape & Resurface	CON		4,741	ST	1,051	M	0		5,792	116204						6,516
2020	SAGINAW	MDOT	I-75	Hess to South I-675 Interchange	2.55	Widen - major (capacity increase)	Freeway reconstruct	CON		35,264	IM	3,918	M	0		39,182	127021						43,532
2020	SAGINAW	MDOT	M-46	2 bridges in Saginaw County	0.60	Bridge replacement	Bridge Replacement	CON		13,208	IM	1,468	M	0		14,676	129594						16,807
2020	SAGINAW	MDOT	Trunkline Bridge Preservation	Regionwide		GPA	Trunkline Bridge Preservation			400	ST	100	M	0		500					NA	based on MDOT template budgets and 5 year average	500
2020	SAGINAW	MDOT	Trunkline Highway Preservation	Regionwide		GPA	Trunkline Highway Preservation			2,824	ST	706	M	0		3,530					NA	based on MDOT template budgets and 5 year average	3,530
2020	SAGINAW	MDOT	Trunkline Livability and Sustainability	Regionwide		GPA	Trunkline Transportation Livability and Sustainability			352	ST	88	M	0		440					NA	based on MDOT template budgets and 5 year average	440
2020	SAGINAW	MDOT	Trunkline Roadside Infrastructure Improvement	Regionwide		GPA	Trunkline Roadside Infrastructure GPA			691	ST	173	M	0		864					NA	based on MDOT template budgets and 5 year average	864
2020	SAGINAW	MDOT	Trunkline Traffic Operations or Safety	Regionwide		GPA	Trunkline Traffic Operations and Safety			1,255	ST	314	M	0		1,568					NA	based on MDOT template budgets and 5 year average	1,568
2020	SAGINAW	MDOT	Trunkline Bridge 3R	Regionwide		GPA	Trunkline Bridge 3R			1,672	ST	418	M	0		2,090					NA	based on MDOT template budgets and 5 year average	2,090
2020	SAGINAW	Saginaw City	Niagara St	Niagara, RR tracks to Genesee	0.50	Reconstruct	2-lane & 3-lane HMA reconstruction	CON		832	STUL	0		184	CITY	1,016	130426				N		1,016
2020	SAGINAW	SCRC	Freeland Rd	Freeland Rd At River Rd intersection	0.53	Traffic ops/safety	Intersection improvements with roundabout	CON		295	STUL	0		174	CNTY	469	130425				N		469
2020	SAGINAW	SCRC	Wieneke Rd	Wieneke, Weiss to Shattuck	0.74	Widen - major (capacity increase)	Reconstruction & widening	CON	ACC	537	STUL	0		0		537	130501				N		537

05/12/16	2017				2018				2019				2020			
Highway Program	Estimated Federal Revenue	Estimated Non-Federal Revenue	Estimated Total Revenue	Total Proposed Commitments	Estimated Federal Revenue	Estimated Non-Federal Revenue	Estimated Total Revenue	Total Proposed Commitments	Estimated Federal Revenue	Estimated Non-Federal Revenue	Estimated Total Revenue	Total Proposed Commitments	Estimated Federal Revenue	Estimated Non-Federal Revenue	Estimated Total Revenue	Total Proposed Commitments
MDOT AC & M Program			$0	$0			$0	$0			$0	$0			$0	$0
MDOT FA Program	$6,693,111	$789,466	$7,482,577	$7,482,577	$10,989,038	$2,790,986	$13,780,024	$13,780,024	$6,756,950	$1,689,238	$8,446,188	$8,446,188	$60,406,592	$8,235,459	$68,642,051	$68,642,051
Sub-Total MDOT	$6,693,111	$789,466	$7,482,577	$7,482,577	$10,989,038	$2,790,986	$13,780,024	$13,780,024	$6,756,950	$1,689,238	$8,446,188	$8,446,188	$60,406,592	$8,235,459	$68,642,051	$68,642,051
Local STP	$3,406,612	$824,802	$4,230,414	$4,230,414	$2,448,588	$1,032,147	$3,480,735	$3,480,735	$2,464,280	$486,813	$2,951,093	$2,951,093	$2,480,285	$1,244,237	$3,724,522	$3,724,522
Local Bridge			$0	$0	$996,000	$249,000	$1,245,000	$1,245,000			$0	$0			$0	$0
Local CMAQ			$0	$0			$0	$0			$0	$0			$0	$0
Local Safety			$0	$0			$0	$0			$0	$0			$0	$0
Local Equity Bonus (TEDF)			$0	$0			$0	$0			$0	$0			$0	$0
Local Other FHWA			$0	$0			$0	$0			$0	$0			$0	$0
Local AC Starts			$0	$0			$0	$0			$0	$0			$0	$0
Local Non-Federal			$0	$0			$0	$0			$0	$0			$0	$0
Sub-Total Local	**$3,406,612**	**$824,802**	**$4,230,414**	**$4,230,414**	**$3,444,588**	**$1,281,147**	**$4,725,735**	**$4,725,735**	**$2,464,280**	**$486,813**	**$2,951,093**	**$2,951,093**	**$2,480,285**	**$1,244,237**	**$3,724,522**	**$3,724,522**
Total Highway	**$10,099,723**	**$1,614,268**	**$11,712,991**	**$11,712,991**	**$14,433,626**	**$4,072,133**	**$18,505,759**	**$18,505,759**	**$9,221,230**	**$2,176,051**	**$11,397,281**	**$11,397,281**	**$62,886,877**	**$9,479,696**	**$72,366,573**	**$72,366,573**
Transit Fund Source	Estimated Federal Revenue	Estimated Non-Federal Revenue	Estimated Total Revenue	Total Proposed Commitments	Estimated Federal Revenue	Estimated Non-Federal Revenue	Estimated Total Revenue	Total Proposed Commitments	Estimated Federal Revenue	Estimated Non-Federal Revenue	Estimated Total Revenue	Total Proposed Commitments	Estimated Federal Revenue	Estimated Non-Federal Revenue	Estimated Total Revenue	Total Proposed Commitments
CTF - Comprehensive Transit Fund			$0	$0			$0	$0			$0	$0			$0	$0
Section 3038 - Over the Road Bus Program			$0	$0			$0	$0			$0	$0			$0	$0
Section 3045 - National Fuel Cell Technology Development Program			$0	$0			$0	$0			$0	$0			$0	$0
Section 5303 - Metropolitan Transportation Planning			$0	$0			$0	$0			$0	$0			$0	$0
Section 5304 - Statewide Transportation Planning			$0	$0			$0	$0			$0	$0			$0	$0
Section 5305 - Metropolitan and Statewide Planning			$0	$0			$0	$0			$0	$0			$0	$0
Section 5307 - UZA Formula	$1,830,000	$1,830,000	$3,660,000	$3,660,000			$0	$0			$0	$0			$0	$0
Section 5308 - Clean Fuels Program			$0	$0			$0	$0			$0	$0			$0	$0
Section 5309 - Capital Bus and Capital New Starts			$0	$0			$0	$0			$0	$0			$0	$0
Section 5310 - Elderly & Disabled	$249,600	$62,400	$312,000	$312,000			$0	$0			$0	$0			$0	$0
Section 5311 - Non-UZA	$42,922	$42,922	$85,844	$85,844			$0	$0			$0	$0			$0	$0
Section 5312 - Research, Development, Demonstration, and Deployment			$0	$0			$0	$0			$0	$0			$0	$0
Section 5313 - Transit Cooperative Research Program			$0	$0			$0	$0			$0	$0			$0	$0
Section 5314 - National Research and Technology Program			$0	$0			$0	$0			$0	$0			$0	$0
Section 5316 - Job Access/Reverse Commute			$0	$0			$0	$0			$0	$0			$0	$0
Section 5317 - New Freedom Initiative			$0	$0			$0	$0			$0	$0			$0	$0
Section 5320 - Alternative Transportation in Parks and Public Lands			$0	$0			$0	$0			$0	$0			$0	$0
Section 5322 - Human Resources and Training			$0	$0			$0	$0			$0	$0			$0	$0
Section 5324 - Emergency Relief			$0	$0			$0	$0			$0	$0			$0	$0
Section 5326 - Asset Management Provisions			$0	$0			$0	$0			$0	$0			$0	$0
Section 5329 - Safety			$0	$0			$0	$0			$0	$0			$0	$0
Section 5337 - State of Good Repair Grants			$0	$0			$0	$0			$0	$0			$0	$0
Section 5339 - Bus and Bus Facilities			$0	$0			$0	$0			$0	$0			$0	$0
Section 5505 - University Transportation Centers Program			$0	$0			$0	$0			$0	$0			$0	$0
Total Transit	**$2,122,522**	**$1,935,322**	**$4,057,844**	**$4,057,844**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**
Grand Total	**$12,221,245**	**$3,549,590**	**$15,770,835**	**$15,770,835**	**$14,433,626**	**$4,072,133**	**$18,505,759**	**$18,505,759**	**$9,221,230**	**$2,176,051**	**$11,397,281**	**$11,397,281**	**$62,886,877**	**$9,479,696**	**$72,366,573**	**$72,366,573**

GPA Projects

Required Fields

Fiscal Year	County	Respon-sible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Advance Construct	Federal Cost ($1000s)	Federal Fund Source	State Cost ($1000s)	State Fund Source	Local Cost ($1000s)	Local Fund Source	Total Cost ($1000s)	MDOT Job No.	Local ID No.	MPO/ Rural Approval Date	Amend-ment Type	Air Quality	Comments	Total Project Cost ($1000s)
2017	SAGINAW	Village of St. Charles	Beaver/West North	Townline to Saginaw	0.7	Reconstruct	Reconstruct	CON		371,281	STL	112,719	EDD			484,001	123485		1/19/2016	Cost		1/19/16 Cost Adjustments - 9/24/15 Added Proj Length - 1/9/14 Added	484
2017	SAGINAW	Saginaw County	Fergus Rd	M-52 to Shiawassee River	2.57	Resurface	Resurface	CON		325,874	STL			82,000	CNTY	407,874	119176		1/19/2016	Cost		9/24/15 moved	429
2017	SAGINAW	Saginaw County	Lawndale Rd	Tittabawassee to Pierce		Resurface	Preventative Maintenance	CON		38,287	STL			9,572	CNTY	47,859	129901		1/19/2016	Add		1/19/16 Add	48
2017	SAGINAW	Saginaw County	Mackinaw	[illegible] to Freeland		Resurface	Preventative Maintenance	CON		38,287	STL			9,572	CNTY	47,859	129902		1/19/2016	Add		1/19/16 Add	48
										773,729		112,719		101,144		987,593							
2018	SAGINAW	Saginaw County	Gasper Rd	Gary to Furgus	2.46	Reconstruct	Reconstruct	CON		784,588	STL	129,538	EDD	66,609	CNTY	980,735	130235		1/19/2016	Cost		1/19/16 Cost updates move from illustrative to FY 18 - 10/28/14 Added project originally part of i# 119175	1,000
2019	SAGINAW	Saginaw County	E Sloan Rd/Seymour Rd	Sheridan to Bell	2.54	Reconstruct	Reconstruct	CON		800,280	STL	129,538	EDD	70,532	CNTY	1,000,350	119177		1/19/2016	Year		1/19/16 Move from FY 2016 to Illustrative list with cost updates to FY 2019 - 9/24/15 Project Name correction & Cost increase STP to $ 729,668 and Local down to $182,417 - 4/23/15 Cost Adjustment - 4/15/14 - Tech Cor - corrected	1,000
2020	SAGINAW	Village of Birch Run	Maple Rd	Main St to North Village Limits		Reconstruct	Reconstruct	CON		354,462	STL	129,538	EDD	641,000	CNTY	1,125,000	130238		1/19/2016	Add		1/19/16 Add	1,125
2020	SAGINAW	Saginaw County	County Wide Paving	Various		Resurface	Resurface	CON		461,823	STL			115,456	CNTY	577,279	130239		1/19/2016	Add		1/19/16 Add	456

FTA Candidate Projects

Required Fields

Fiscal Year	County	Respon-sible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Advance Construct	Federal Cost ($1000s)	Federal Fund Source	State Cost ($1000s)	State Fund Source	Local Cost ($1000s)	Local Fund Source	Total Cost ($1000s)	MDOT Job No.	Local ID No.	MPO/ Rural Approval Date	Amend-ment Type	Air Quality	Comments	Total Project Cost ($1000s)
2017	Saginaw	STARS	Equipment enhancements				Equipment enhancements	T-Cap		96	5339	24	CTF			120							
2017	Saginaw	STARS	Bus replacement			Transit vehicle replacements	Nine 30 foot replacement buses	T-Cap		3,360	5339	840	CTF			4,200							
2017	Saginaw	STARS	Equipment replacement			Transit facilities	Replacement of rooftop heaters & update HVAC	T-Cap		680	5339	170	CTF			850							
2017	Saginaw	STARS	Equipment replacement			Transit equipment	Replacement of dispatch 2-way radio system	T-Cap		160	5339	40	CTF			200							
2018	Saginaw	STARS	Operating assistance			Transit operations	Operating assistance	T-Op		2,033	5307												
2018	Saginaw	STARS	Bus replacement			Transit vehicle replacements	Nine 30 foot replacement buses	T-Cap		3,600	5339	900	CTF			4,500							
2018	Saginaw	STARS	Equipment replacement			Transit equipment	Replacement of shop hoses	T-Cap		80	5339	20	CTF			100							
2018	Saginaw	STARS	Equipment replacement			Transit equipment	Replacement of computers	T-Cap		80	5339	20	CTF			100							
2019	Saginaw	STARS	Operating assistance			Transit operations	Operating assistance	T-Op		2,073	5307												
2019	Saginaw	STARS	Bus replacement			Transit vehicle replacements	Nine 30 foot replacement buses	T-Cap		3,600	5339	900	CTF			4,500							
2019	Saginaw	STARS	Transit facilities			Transit facilities	Replace deteriorating concrete	T-Cap		64	5339	16	CTF			80							
2019	Saginaw	STARS	Transit facilities			Transit facilities	Replace facility skylights	T-Cap		160	5339	40	CTF			200							
2019	Saginaw	STARS	Equipment replacement			Transit equipment	Replacement of dispatch routing hardware	T-Cap		160	5339	40	CTF			200							
2020	Saginaw	STARS	Operating assistance			Transit operations	Operating assistance	T-Op		2,186	5307												
2020	Saginaw	STARS	Bus replacement			Transit vehicle replacements	Replacement of 6 small buses (LIFT)	T-Cap		346	5339	86	CTF			432							
2020	Saginaw	STARS	Transit facilities			Transit facilities	Replace exhaust fans	T-Cap		24	5339	6	CTF			30							
2020	Saginaw	STARS	Transit facilities			Transit facilities	Replace bus surveillance cameras	T-Cap		80	5339	20	CTF			100							
2020	Saginaw	STARS	Transit facilities			Transit facilities	Replace computers	T-Cap		80	5339	20	CTF			100							

Illustrative Projects

5/4/16

Required Fields

Fiscal Year	County	Respon-sible Agency	Project Name	Limits	Project Description	Phase	Federal Cost ($1000s)	Federal Fund Source	State Cost ($1000s)	State Fund Source	Local Cost ($1000s)	Local Fund Source	Total Cost ($1000s)	Local ID No.	Total Project Cost ($1000s)
	SAGINAW	Saginaw City	Webber Street	Washington Ave (M-13) to City Limits	Reconstruct road with two-lane asphalt, curb and gutter cross section, including left-turn lanes at major intersections.	CON	$4,640,000	STUL			$1,160,000	CITY	$5,800,000		$ 5,800,000
	SAGINAW	Saginaw City	Mackinaw Street	Congress Avenue to Alexander Street	Reconstruct road with two-lane asphalt, curb and gutter cross section, including left-turn lanes at major intersections.	CON	$1,200,000	STUL			$300,000	CITY	$1,500,000		$ 1,500,000
	SAGINAW	Saginaw City	Mackinaw Street	Alexander Street to Hamilton Street	Reconstruct road with two-lane asphalt, curb and gutter cross section, including left-turn lanes at major intersections.	CON	$1,600,000	STUL			$400,000	CITY	$2,000,000		$ 2,000,000
	SAGINAW	Saginaw City	Hess Avenue	Washington Ave (M-13) to City Limits	Reconstruct road with two-lane concrete, curb and gutter cross section from Washington to Elmwood. Reconstruct road with four-lane concrete, curb and gutter cross section from Elmwood to the City Limits, with center turn lanes at Genesee.	CON	$6,400,000	STUL			$1,600,000	CITY	$8,000,000		$ 8,000,000
	SAGINAW	Saginaw City	Williamson Avenue	Treanor Street to Owen Street	Reconstruct road with three-lane asphalt, curb and gutter cross section.	CON	$664,000	STUL			$166,000	CITY	$830,000		$ 830,000
	SAGINAW	Saginaw City	Norman Street Bridge	Over Veterans Memorial Parkway	Deck replacement and structure rehabilitation.	CON	$1,120,000	STUL			$280,000	CITY	$1,400,000		$ 1,400,000
	SAGINAW	Saginaw City	Bay Street	Alexander Street to State Street (M-58)	Reconstruct road with three-lane asphalt, curb and gutter cross section, including a continuous center turn-lane.	CON	$1,600,000	STUL			$400,000	CITY	$2,000,000		$ 2,000,000
	SAGINAW	Saginaw City	Veterans Memorial Parkway	McGill Street to Needham Street	Mill and resurface HMA, 2 inch	CON	$320,000	STUL			$80,000	CITY	$400,000		$ 400,000
	SAGINAW	Saginaw City	Veterans Memorial Parkway	Lapeer to McGill Street and Needham Street to Washington (M-13)	Concrete Joint and Panel Repairs	CON	$240,000	STUL			$60,000	CITY	$900,000		$ 900,000

Illustrative Projects

5/4/16

Required Fields

Fiscal Year	County	Respon-sible Agency	Project Name	Limits	Project Description	Phase	Federal Cost ($1000s)	Federal Fund Source	State Cost ($1000s)	State Fund Source	Local Cost ($1000s)	Local Fund Source	Total Cost ($1000s)	Local ID No.	Total Project Cost ($1000s)
	SAGINAW	Saginaw City	Congress Avenue	Court Street to Brenner Street	Mill HMA/Concrete and rsurface HMA, 2 inch	CON	$136,000	STUL			$34,000	CITY	$170,000		$ 170,000
	SAGINAW	Saginaw City	Federal Avenue	Washington Ave (M-13) to Warren Avenue	Mill and resurface HMA, 2 inch	CON	$160,000	STUL			$40,000	CITY	$200,000		$ 200,000
	SAGINAW	Saginaw City	Fordney Street	Washington Ave (M-13) to Gallagher Street	Mill and resurface HMA, 2 inch	CON	$240,000	STUL			$60,000	CITY	$300,000		$ 300,000
	SAGINAW	Saginaw City	Mason Street	Brockway Street to Remington Street	Mill and resurface HMA, 2 inch	CON	$456,000	STUL			$114,000	CITY	$570,000		$ 570,000
	SAGINAW	Saginaw City	Mason Street	Remington Street to State Street	Mill and resurface HMA, 2 inch	CON	$208,000	STUL			$52,000	CITY	$260,000		$ 260,000
	SAGINAW	Saginaw City	Brockway Street	Gratiot (M-46) to City Limits	Mill and resurface HMA, 2 inch	CON	$560,000	STUL			$140,000	CITY	$700,000		$ 700,000
	SAGINAW	SCRC	Center Road	State Street to 450' north of State Street	Mill/Fill	CON	$120,000	STUL			$30,000	CNTY	$ 150,000		$ 150,000
	SAGINAW	SCRC	Center Road	Michigan to Gratiot	Capacity Improvements	CON	$2,000,000	STUL			$500,000	CNTY	$ 2,500,000		$ 2,500,000
	SAGINAW	SCRC	Dixie Highway	I-75 to Junction Road	Reconstruct	CON	$4,800,000	STUL			$1,200,000	CNTY	$ 6,000,000		$ 6,000,000
	SAGINAW	SCRC	Freeland Road	River Road to Midland Road	Capacity Improvements	CON	$6,400,000	STUL			$1,600,000	CNTY	$ 8,000,000		$ 8,000,000
	SAGINAW	SCRC	Michigan	Center to City of Saginaw Limits	Reconstruct	CON	$1,600,000	STUL			$400,000	CNTY	$ 2,000,000		$ 2,000,000
	SAGINAW	SCRC	Williamson	Dixie to Treanor	Reconstruct	CON	$4,000,000	STUL			$1,000,000	CNTY	$ 5,000,000		$ 5,000,000
	SAGINAW	SCRC	Tittabawassee Rd	Michigan to Bay	Pavement/Joint Repair	CON	$1,200,000	STUL			$300,000	CNTY	$ 1,500,000		$ 1,500,000
	SAGINAW	SCRC	McCarty	Bay to Fashion Square	Reconstruct 3 lanes	CON	$400,000	STUL			$100,000	CNTY	$500,000		$500,000
	SAGINAW	SCRC	Freeland Road	Garfield to Webster	Rehabilitation	CON	$750,000	STUL			$187,500	CNTY	$937,500		$937,500

Appendix C

Consultation and Outreach

Contact List for Transportation Planning Document Review, Comment and Consultation

SMATS Voting Members

- Chairman of the Saginaw County Board of Commissioners
- Chairman of the Saginaw County Road Commission
- City of Saginaw (Traffic Engineering)
- City of Zilwaukee
- Michigan Department of Transportation, Transportation Planning Official – Lansing
- Michigan Department of Transportation – Bay Region
- Bridgeport Township
- Buena Vista Township
- Carrollton Township
- James Township
- Kochville Township
- Saginaw Township
- Spaulding Township
- Tittabawassee Township
- Thomas Township
- East Michigan Council of Governments (EMCOG)
- 7-B Rural Task Force Small Cities and Villages
- Board Chair of the Saginaw Transit Authority Regional Services
- Saginaw County Metropolitan Planning Commission

SMATS Non-Voting Members

- Federal Highway Administration, Michigan Division
- Federal Transit Administration

Other Contacts

- Saginaw Valley State University
- Delta College
- Saginaw County Chamber of Commerce
- UAW Regional office
- Saginaw Intermediate School District
- Public Libraries of Saginaw
- Community Action Committee
- SVRC (Saginaw Valley Rehabilitation Center)
- Saginaw Future Inc.
- Michigan Works!
- Great Lakes Bay Region
- Saginaw Community Foundation
- Underground Railroad

- First Ward Community Center
- Salvation Army
- Saginaw County Convention Bureau
- United Way of Saginaw County
- MBS International Airport
- Harry Browne Airport
- Railroads (Huron & Eastern, Saginaw Bay Southern, and Lake State)
- Go21 (Rail industry advocacy group)
- Saginaw River shippers/businesses
- Tri-City Cyclists
- Michigan Trails & Greenways Alliance
- Saginaw County Parks and Recreation Commission
- Saginaw County Public Works Commission
- Saginaw County Department of Public Health
- Saginaw County Commission on Aging
- Saginaw County Emergency Management & Homeland Security
- Saginaw County Sheriff Department
- MSU Extension
- Shiawassee National Wildlife Refuge
- Michigan Dept. of Environmental Quality (Saginaw Bay District)
- Michigan Dept. of Natural Resources (Saginaw Bay District)
- Historical Society of Saginaw County
- AARP, Michigan Chapter
- Region 7 Area Agency on Aging
- Saginaw YMCA
- Mayor and City Manager, City of Saginaw
- City of Saginaw Department of Development
- Home Builders Association
- Spicer Group
- Spence Brothers Construction
- U. S. Environmental Protection Agency
- U. S. Fish and Wildlife Service
- The Ezekiel Project
- Saginaw African-American Minority Business Association
- Dow Chemical
- Dow Corning
- St. Mary's of Michigan
- Child Abuse & Neglect Council
- Saginaw Shiawassee Habitat for Humanity
- Saginaw Chippewa Indian Tribe
- Willie Haynes
- Wendell Dilling
- Don Milne

Saginaw County Metropolitan Planning Commission
County Governmental Center
111 South Michigan Avenue
Saginaw, Michigan 48602
Phone: (989) 797-6800 Fax: (989) 797-6809

May 19, 2016

RE: Draft 2017 – 2020 Transportation Improvement Program

Opportunity to Comment and Invitation to Attend Open House

The Saginaw Metropolitan Area Transportation Study (SMATS) has developed a draft Transportation Improvement Program (TIP) for 2017 – 2020. The Transportation Improvement Program (TIP) is a prioritized, multi-year schedule of federally funded transportation projects in Saginaw County.

The draft TIP is available on the SMATS web site at http://www.saginawcounty.com/Planning/Default.aspx

We encourage you to review the draft TIP and advise us of your comments and concerns. The document is also available at the SMATS Office, located in the Saginaw County Planning Department, on the lower level of the Saginaw County Governmental Center, 111 S. Michigan Avenue, Saginaw, Michigan 48602. You may also request a paper copy of the TIP by calling the SMATS Office at 989-797-6800 and one will be mailed to you.

Comments on the proposed 2017 – 2020 TIP may be submitted by regular mail to SMATS, County Planning Department, 111 S. Michigan Avenue, Saginaw MI 48602; by fax to 989-797-6809; or by e-mail to dmanley@saginawcounty.com. **Please submit written comments so that they are received by June 21, 2016.**

SMATS will hold **Open Houses** to discuss the draft TIP on the following dates:

Tuesday, June 7, 2016, 3:00 to 5:00 p.m.
Planning Dept. Conference Room
Saginaw County Governmental Center, Lower Level
111 S. Michigan Avenue
Saginaw, Michigan

Tuesday, June 21, 2016, 3:00 to 5:00 p.m.
Planning Dept. Conference Room
Saginaw County Governmental Center, Lower Level
111 S. Michigan Avenue
Saginaw, Michigan

May 19, 2016
Draft TIP Comment Period
2017 – 2020 TIP

The Saginaw County Metropolitan Planning Commission will hold a **public hearing** on the proposed 2017 – 2020 TIP on **Tuesday, June 18, 2013 at 5:00 p.m.** in the Planning Department Conference Room, located on the lower level of the County Governmental Center at 111 S. Michigan Avenue, Saginaw MI 48602.

Please contact the Saginaw County Planning Department at 989-797-6800 if you have any questions about the TIP or SMATS. Also, we encourage you to share this information with others who may be interested. Thank you in advance for your participation.

Sincerely,

Douglas A. Bell

Douglas A. Bell, Director
Saginaw Metropolitan Area Transportation Study

Appendix D

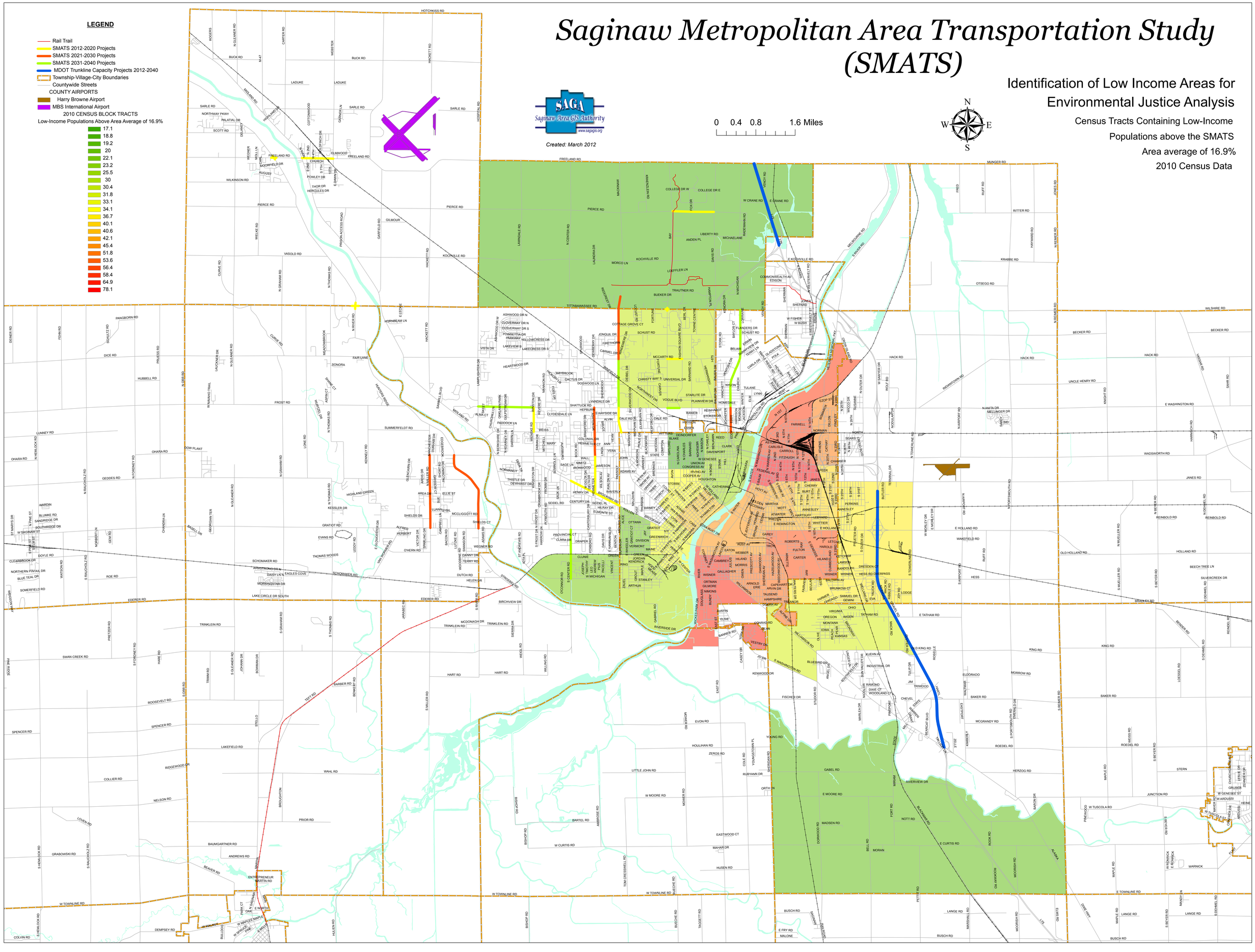
Environmental Justice Analysis Maps

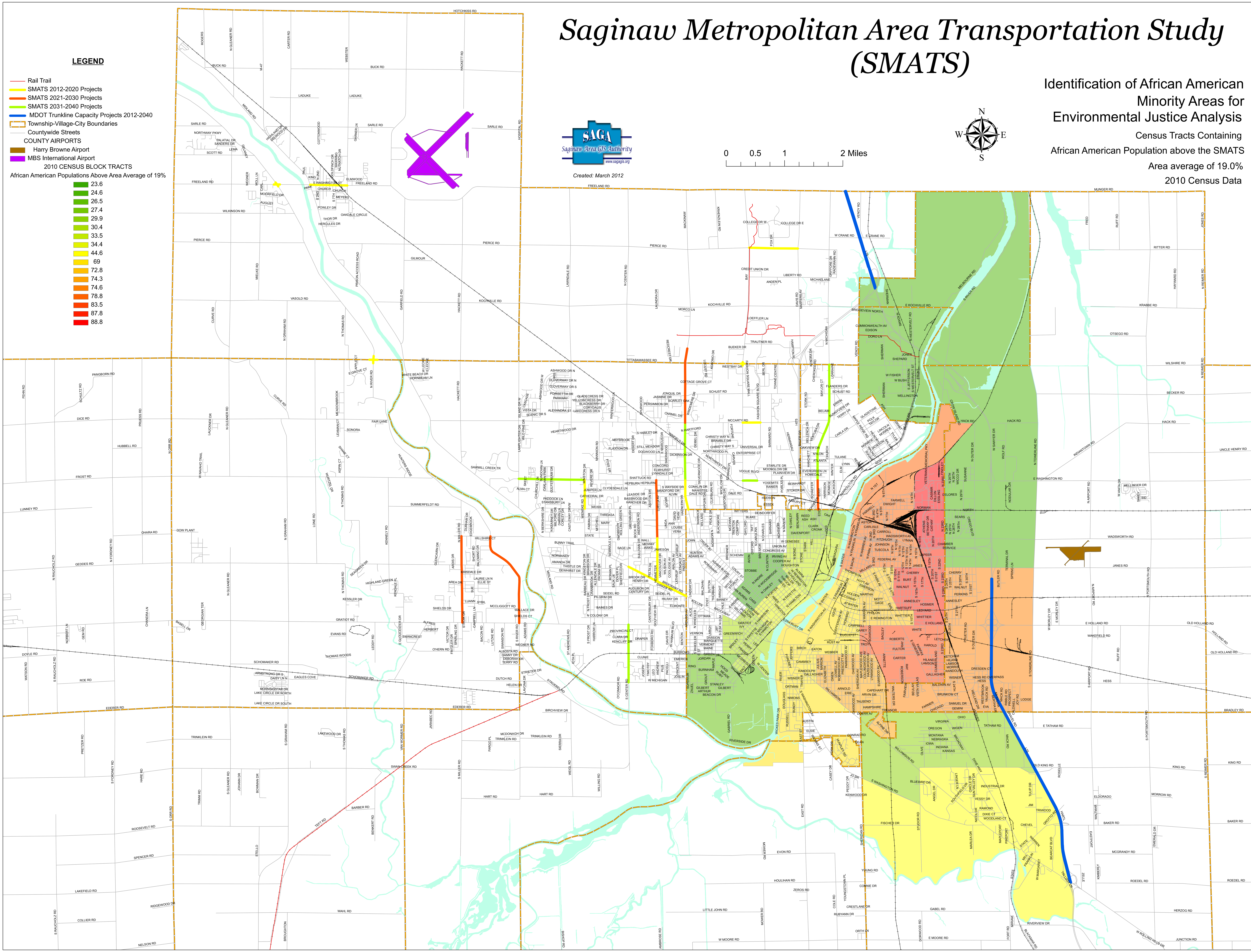
Saginaw Metropolitan Area Transportation Study (SMATS)

Identification of Low Income Areas for Environmental Justice Analysis

Census Tracts Containing Low-Income Populations above the SMATS Area average of 16.9%

2010 Census Data





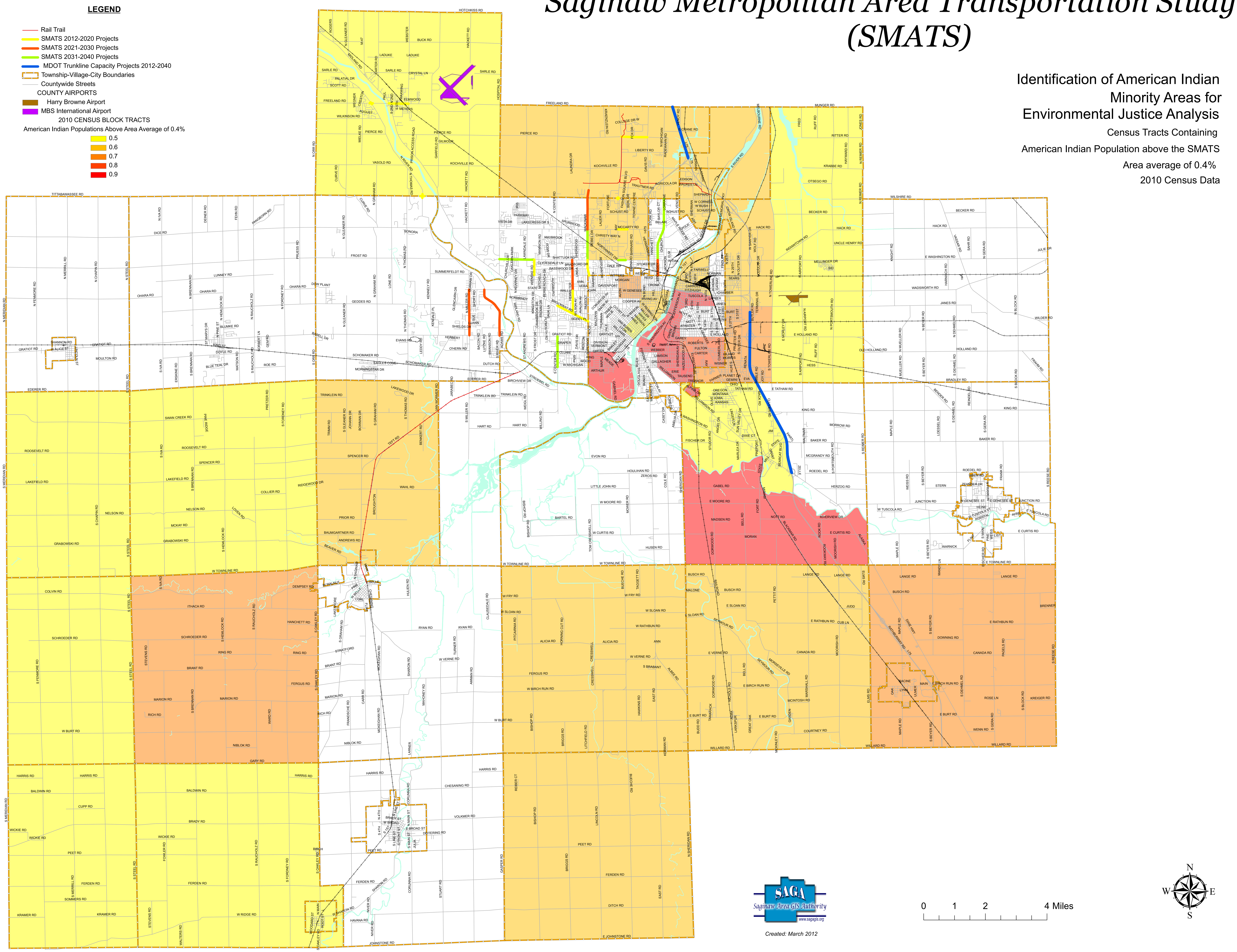
Saginaw Metropolitan Area Transportation Study (SMATS)
Identification of African American Minority Areas for Environmental Justice Analysis
Census Tracts Containing African American Population above the SMATS Area average of 19.0%
2010 Census Data
SAGA
Saginaw Area GIS Authority
www.sagagis.org
Created: March 2012
0 0.5 1 2 Miles
N
E
S
W
LEGEND
Rail Trail
SMATS 2012-2020 Projects
SMATS 2021-2030 Projects
SMATS 2031-2040 Projects
MDOT Trunkline Capacity Projects 2012-2040
Township-Village-City Boundaries
Countywide Streets
COUNTY AIRPORTS
Harry Browne Airport
MBS International Airport
2010 CENSUS BLOCK TRACTS
African American Populations Above Area Average of 19%
23.6
24.6
26.5
27.4
29.9
30.4
33.5
34.4
44.6
69
72.8
74.3
74.6
78.8
83.5
87.8
88.8

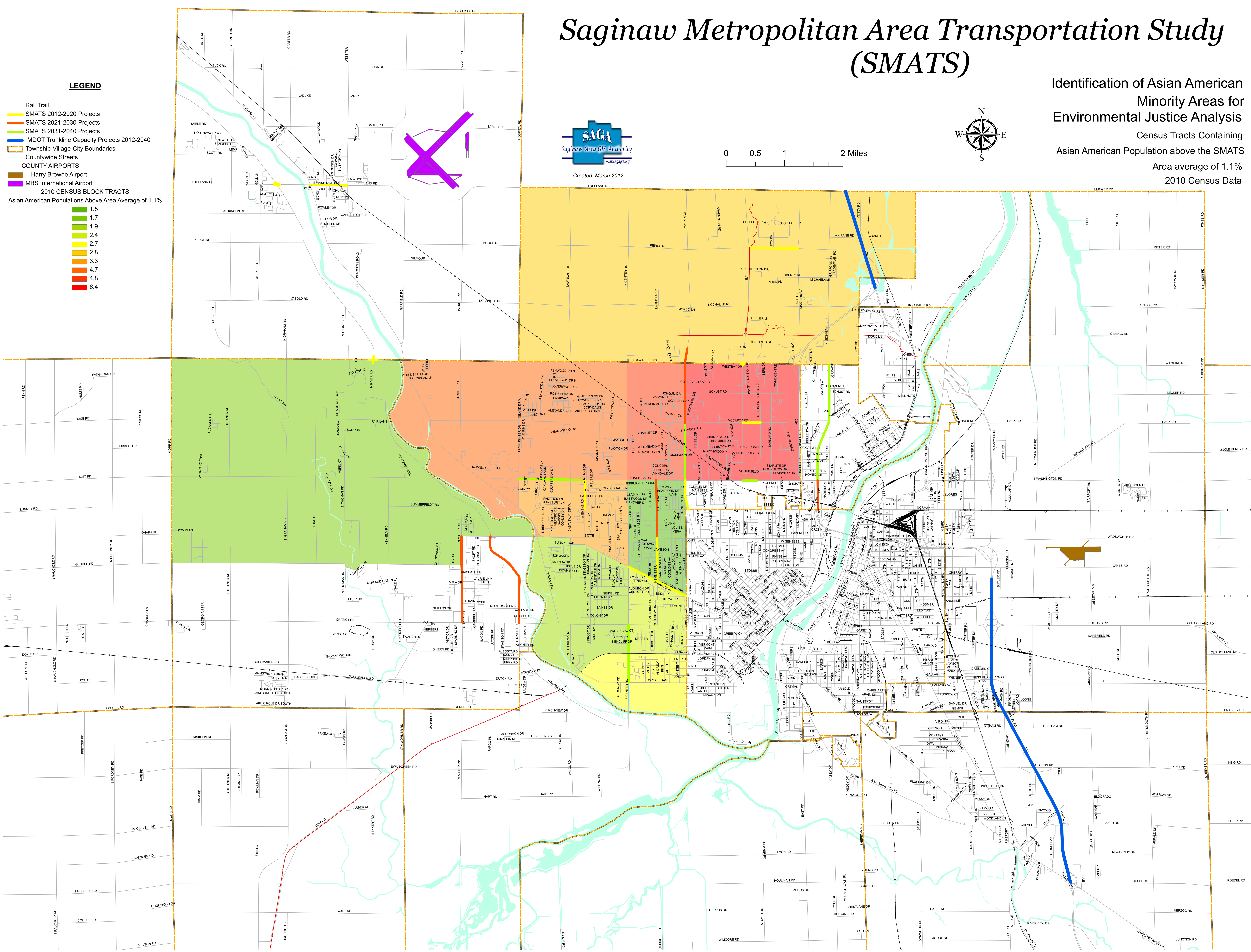
Saginaw Metropolitan Area Transportation Study (SMATS)

Identification of American Indian Minority Areas for Environmental Justice Analysis

Census Tracts Containing American Indian Population above the SMATS Area average of 0.4%

2010 Census Data




Saginaw Metropolitan Area Transportation Study
(SMATS)
Identification of Asian American
Minority Areas for
Environmental Justice Analysis
Census Tracts Containing
Asian American Population above the SMATS
Area average of 1.1%
2010 Census Data
SAGA
Saginaw Area GIS Authority
www.sagagis.org
Created: March 2012
0 0.5 1 2 Miles
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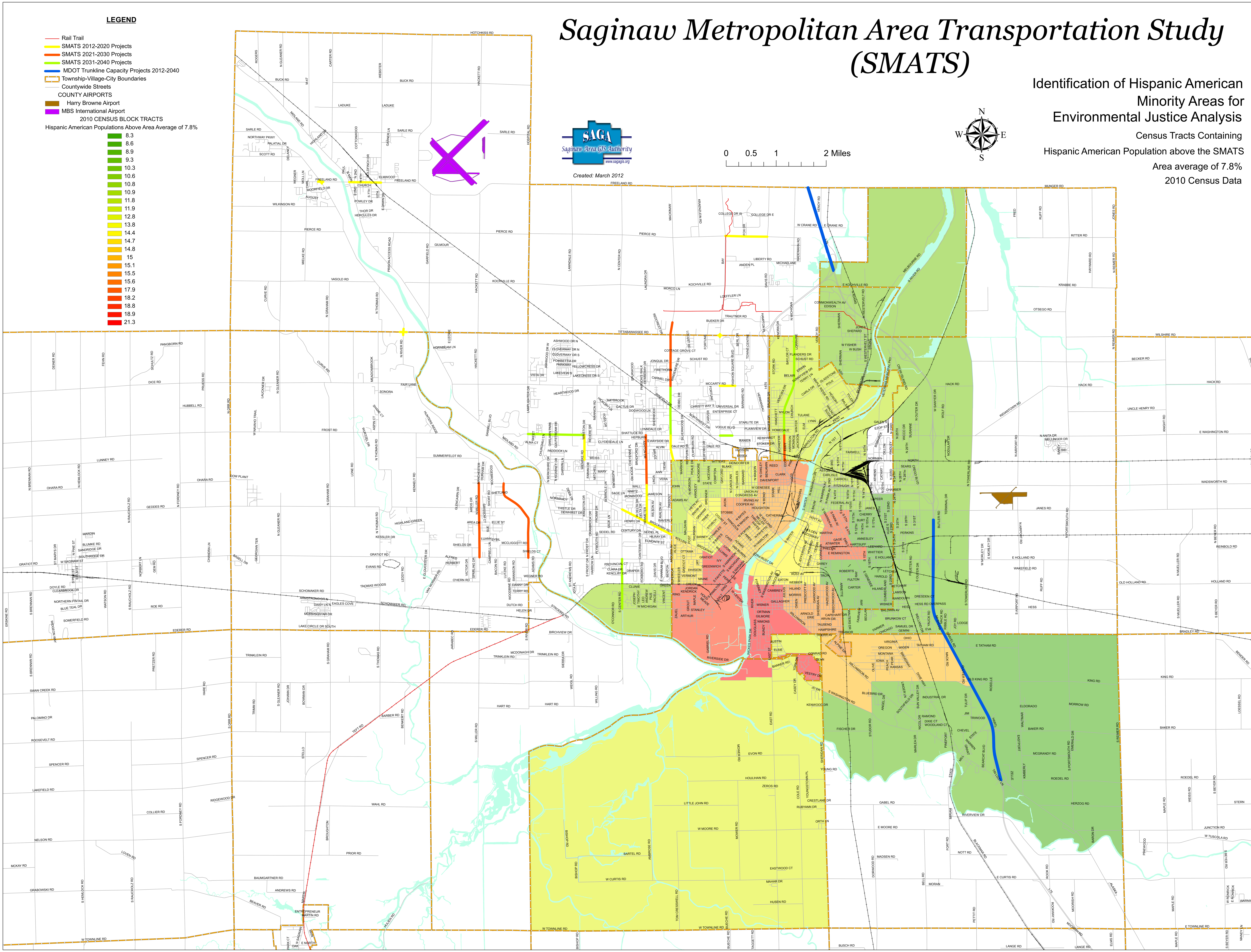
W
LEGEND
Rail Trail
SMATS 2012-2020 Projects
SMATS 2021-2030 Projects
SMATS 2031-2040 Projects
MDOT Trunkline Capacity Projects 2012-2040
Township-Village-City Boundaries
Countywide Streets
COUNTY AIRPORTS
Harry Browne Airport
MBS International Airport
2010 CENSUS BLOCK TRACTS
Asian American Populations Above Area Average of 1.1%
1.5
1.7
1.9
2.4
2.7
2.8
3.3
4.7
4.8
6.4

Saginaw Metropolitan Area Transportation Study (SMATS)

Identification of Hispanic American Minority Areas for Environmental Justice Analysis

Census Tracts Containing Hispanic American Population above the SMATS Area average of 7.8%

2010 Census Data