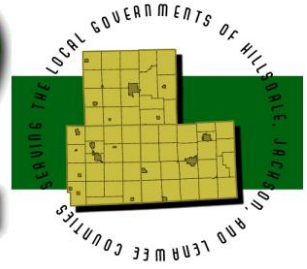


Region 2

Planning Commission



Attention New Commissioners

There will be a new Commissioner's orientation prior to the March 8, 2018 Region 2 Planning Commission meeting to review roles and responsibilities and provide general information on the Region 2 Planning Commission.

The Meeting will be held at:

**1:00 p.m.
Thursday, March 8th**

**Jackson County Tower Building
5th Floor Conference Room**

AGENDA

REGION 2 PLANNING COMMISSION

Full Commission

FOR FURTHER INFORMATION CONTACT:

**Steven Duke, Executive Director
(517) 768-6706**

DATE: Thursday, March 8, 2018

TIME: 2:00 P.M.

WHERE:

**Jackson County Tower Bldg.
120 W. Michigan Ave., 5th Fl.
Jackson, MI 49201**

Comments will be solicited on each item following discussion and prior to any final action.

	<u>PAGE #</u>
1. Call to Order	
2. Pledge of Allegiance	
3. Approval of the Agenda – ACTION	
4. Public Comment	
5. Approval of Minutes of the January 11, 2018 Full Commission Meeting (see enclosure) – ACTION	3
6. Approval of Action Taken at the February 8, 2018 Executive Committee Meeting (see enclosure) – ACTION	8
7. Receipt of Treasurer's Report of February 28, 2018 (to be provided) – ACTION	
8. Approval of March 8, 2018 Submitted Bills (see enclosure) – ACTION	13
9. Staff Progress Report for February, 2018 (see enclosure) – DISCUSSION	14
10. Appointment of the 2018 Personnel & Finance Committee (see enclosure) – ACTION	19
11. Approval of the R2PC FY 2017 Audit, Mr. Rob Klaczekiewicz, Smith & Klaczekiewicz, P.C. (see enclosure) – ACTION	20
12. Approval of Amendments and an Administrative Adjustment to the JACTS FY 2017-2020 Transportation Improvement Program (TIP) (see enclosures) – ACTION	24
<ul style="list-style-type: none">• Jackson County Department of Transportation• Michigan Department of Transportation	
13. JACTS 2045 Long Range Transportation Plan Update (see enclosure) – DISCUSSION	26
14. Solar Energy Facility Model Ordinance, Grant Bauman, AICP (see enclosure) – PRESENTATION	33
15. Other Business	
<ul style="list-style-type: none">• Appointment of R2PC Representative to the JACTS Policy Committee• Riga Township 5 Year Recreation Plan Resolution	43
16. Public Comment / Commissioners' Comments	
17. Adjournment	

Region 2 Planning Commission

Serving Hillsdale, Jackson and Lenawee Counties

MEETING MINUTES

Region 2 Planning Commission - Full Commission

Lenawee County Library
4459 W. U.S. 223
Adrian, MI 49221

Thursday, January 11, 2018

- I. **Call to Order** – Chair Rice, Jr. called the meeting to order at 2:00 p.m. A quorum was present.

Attendance:

Acker	✓ Driskill	Kastel	Shotwell
Bailey	Duckham (E)	Keck	Sigers (E)
Baker, P.	Emmons	✓ Knoblauch (E)	Smith
Baker, R.	✓ Gaede (E)	Knox	✓ Southworth
Bales	Gallagher	Koebbe	Spencer
Barnhart	Gamez	Koehn	Spink
Beach	Gould, J.	Kubish (E)	Stormont
✓ Beeker (E)	✓ Gould, L. (E)	Lance	Swartzlander
Blythe	✓ Grabert	✓ Linnabary	Terry (E)
Boggs	Gray	Mahoney	✓ Tillotson (E)
Bolton	Griewahn	Navarro	Votzke
Bower	Guetschow	Nolte	Wagner
Burns, M.	Hartzel	Overton	Wardius
Burns, S.	Hawley	Palmer	Webb
Burns, T.	Herl (E)	Platt	✓ Welsh (E)
✓ Burtch (E)	Herlein	Poole (E)	Williams (E)
Bush	Isley	✓ Quigley (E)	Wilson
Cavasin	✓ Jancek (E)	Reiser	Wismar
Chamberlain	Jeffrey	✓ Rice, Jr. (E)	✓ Wittenbach (E)
Collins	Jenkins	Richardson	✓ Wonacott (E)
Cornish	Jennings	Rohr (E)	
Cousino	Johnson, Elwin (E)	✓ Schlecte	
✓ Cure	Johnson, Eric	SeGraves	
David	Jones	Seegert	
Dotterweich	Kalusniak	Sessions	

Key: ✓ = present

(E) = Executive Committee member

Staff Present: Steve Duke and Lexie Gozdoff

Others Present: Mike Davis, MDOT; Jerry Drake, City of Jonesville

- II. **Pledge of Allegiance** – Those in attendance rose and joined in the Pledge of Allegiance.
- III. **Approval of the Agenda** – A motion was made by Comm. Tillotson, supported by Comm. Jancek, to approve the R2PC Full Commission agenda as presented. The motion carried unanimously.
- IV. **Public Comment** – Chair Rice, Jr. requested public comment. No public comments were received.
- V. **Approval of Minutes of the November 9, 2017 Annual Dinner Full Commission Meeting** – The motion was made by Comm. Gould, supported by Comm. Jancek, to approve the minutes of the November 9, 2017 Annual Dinner Full Commission meeting as presented. The motion carried unanimously.
- VI. **Approval of Action Taken at the December 14, 2017 Executive Committee Meeting** – The motion was made by Comm. Grabert, supported by Comm. Beeker, to approve the action taken at the December 14, 2017 Executive Committee meeting. The motion carried unanimously.
- VII. **Receipt of Treasurer's Report of December 31, 2017** – A motion was made by Comm. Jancek, supported by Comm. Grabert, to receive the December 31, 2017 Treasurer's Report as presented. The motion carried unanimously.
- VIII. **Approval of January 11, 2018 Submitted Bills** – A motion was made by Comm. Gould, supported by Comm. Schlecte, to approve payment of the January 11, 2018 submitted bills. The motion carried unanimously.
- IX. **Staff Progress Report for December, 2017** – The December, 2017 staff progress report was included in the agenda packet for Commission review. Mr. Duke highlighted the following activities:
 - Staff assumed administrative responsibilities for the Leoni DDA
 - Staff submitted the 2018 RPI application
 - Staff conducted rural task force meetings in Hillsdale, Jackson, and Lenawee counties; the three-county task force meeting is scheduled for January 30
 - The FY 2016-2017 PASER rating report was finalized and submitted to MDOT
 - Staff completed the FY2017 Obligated Project list for Jackson County
 - Staff continued to meet with MDOT, the City, and Blackman Township to finalize design plans for the Cooper Street interchange
 - Staff is assisting the following jurisdictions with their Master Plan updates: City of Jonesville, Liberty Township, Napoleon Township, Pulaski Township, and Rives Township

- X. Report of the Nominating Committee** – Chair Rice reported that the R2PC Nominating Committee met on Tuesday, January 9th to prepare and recommend a slate of candidates for the 2018 Executive Committee. Mr. Duke reported that Mr. Jon Williams had assumed Comm. Polaczyk’s committee assignments, including his position as a Jackson County representative on the Executive Committee. Comm. Kubish was selected to replace Comm. Dotterweich as a City of Jackson representative on the Executive Committee.

The following Commissioners are presented in accordance with Section VI of the R2PC bylaws as nominees for the 2018 Executive Committee:

____ Alan Beeker	representing City of Hillsdale
____ Jon Williams	representing Jackson County
____ Phil Duckham	representing Jackson County
____ Elwin Johnson	representing Jackson County
____ Carl Rice, Jr.	representing Jackson County
____ Cliff Herl	representing Jackson County
____ Patrick Burtch	representing City of Jackson
____ Jeanne Kubish	representing City of Jackson
____ Jack Quigley	representing Lenawee County
____ Ralph Tillotson	representing Lenawee County
____ Robert Knoblauch	representing Lenawee County
____ David Rohr	representing City of Adrian
____ Pete Jancek	representing at large
____ Larry Gould	representing at large
____ Doug Terry	representing at large
____ Chelsea Poole	representing at large
____ Roger Gaede	representing at large
____ Rick Sigers	representing at large
____ Jim Wonacott	representing at large
____ Chris Wittenbach	representing at large
____ Robert Welsh	representing at large

Chair Rice asked if there were any additional nominations for the 2018 Executive Committee from the floor. No nominations were forthcoming.

The motion was made by Comm. Schlecte, supported by Comm. Grabert, to close nominations and to cast a unanimous vote for the 2018 Executive Committee members as recommended by the Nominating Committee. The motion carried unanimously.

XI. 2016-2017 Hillsdale-Jackson-Lenawee Counties Asset Management Report – Ms. Gozdoff, Associate Planner, presented the results of the 2016-2017 PASER ratings. The presentation reflected a snapshot of the pavement conditions on the federal-aid roads located in Hillsdale, Jackson, and Lenawee counties. The collection of this data, now in its 16th year, provides the local engineering department data in selecting future road projects and maintaining our roadways in satisfactory condition. Ms. Gozdoff explained that the full report is available on the R2PC website or to contact her if you wanted information specific to their jurisdiction.

XII. Approval of Amendments to the JACTS FY 2017-2020 Transportation Improvement Program (TIP) – Mr. Duke reported that the Michigan Department of Transportation (MDOT) was requesting the following amendments to the JACTS FY 2017-2020 TIP:

Fiscal Year	Project Name	Limits	Project Description	Funding
Add FY 2018 JN 129992	M-52	Areawide	Jackson/Washtenaw County Line to M-106	Construction State: \$ 946,750
Add FY 2019 JN 201028	M-60 W	Areawide	Restore and Rehabilitate	Preliminary Engineering State: \$ 15,000 Construction Federal: \$ 315,122 (ST) State: \$ 68,877
Add FY 2019 JN 202121	I-94 E	UN Lansing Ave	Bridge Replacement	Preliminary Engineering State: \$ 1,530,000 Right of Way State: \$ 100,000 Utilities State: \$ 50,000
Add FY 2020 JN 127621	1-94 E	Michigan Ave in Parma to M-60	Reconstruction	Preliminary Engineering State: \$5,483,630

A motion was made by Comm. Schlecte, supported by Comm. Beeker, to approve the MDOT amendments to the JACTS FY 2017-2020 Transportation Improvement Program as submitted. The motion carried unanimously.

XIII. JACTS FY 2017 Federal Obligated Projects List – Ms. Gozdoff reviewed the JACTS FY 2017 Obligated Projects list that was included in the agenda packet. The document, required to be produced annually by the FHWA, lists all the federal-aid projects that received federal obligation authority; however, some of the projects may not actually be constructed until the next fiscal year. The report has also been posted on the R2PC website.

XIV. Approval of a Resolution of Support Adopting the MDOT State Targets for Safety Performance – Mr. Duke reported that FHWA is requiring all MPOs set targets identifying specific performance measures defining expected results from the agency's goals and objectives included in Long Range Transportation Plan and TIPs. MPOs can either establish their own set of performance measures or pass a resolution supporting the measures adopted by MDOT. The first set of performance measures to be adopted are those pertaining to safety.

A motion was made by Comm. Driskill, supported by Comm. Knoblauch, authorizing Chair Rice and Executive Director Duke to sign the resolution supporting the MDOT state targets for safety performance measures. The motion carried unanimously.

XV. Other Business – Chair Rice reported, as required by the Michigan Enabling Legislation, that the City of Jonesville and Pulaski Township are in the process of updating their master plans which are available for public review on their respective websites.

Mr. Duke reported that Ms. Liogghio had secured the Country Club of Jackson as the location for the R2PC annual dinner and meeting scheduled for November 8, 2018.

XVI. Public Comment – Chair Rice, Jr. asked for any public comment. No additional comments were received.

XVII. Adjournment - There being no further business, Chair Rice, Jr. adjourned the meeting at 2:40 pm.

Chris Wittenbach
Secretary

Region 2 Planning Commission

Serving Hillsdale, Jackson and Lenawee Counties

MINUTES

Region 2 Planning Commission – Executive Committee
Hillsdale City Hall
97 N. Broad Street
Hillsdale, MI 49242

Thursday, February 8, 2018

- I. **Call to Order** – Chair Rice called the meeting to order at 2:03 p.m. A quorum was present.

Executive Committee Members:

✓ Beeker	Knoblauch	✓ Terry
Burtch	Kubish	✓ Tillotson
Duckham	✓ Poole	Welsh
Gaede	✓ Quigley	✓ Williams
Gould	✓ Rice	✓ Wittenbach
Herl	Rohr	✓ Wonacott
✓ Jancek	✓ Sigers	

Key: ✓ = present

Other Commissioners Present: Guetschow, Southworth

Others Present: None

Staff Present: Duke

- II. **Pledge of Allegiance** – Those in attendance joined in the Pledge of Allegiance.

- III. **Approval of the Agenda** – Mr. Duke reported that Mr. Bauman was unable to attend today's meeting; therefore, his presentation on Solar Energy (Item 12) will instead be a presentation by Sue Smith, Director of the Economic Development Partnership of Hillsdale.

A motion was made by Comm. Tillotson, supported by Comm. Jancek, to approve the February 8, 2018 Executive Committee agenda as revised. The motion carried unanimously.

- IV. **Public Comment** – Chair Rice announced the first opportunity for public comment. No public comments were received.

- V. **Approval of Minutes of the December 14, 2017 Executive Committee Meeting** – The motion was made by Comm. Jancek, supported by Comm. Tillotson, to approve the December 14, 2017 Executive Committee meeting minutes as presented. The motion carried unanimously.

- VI. **Receipt of the Treasurer's Report of January 31, 2018** – Mr. Duke reported that due to the agenda packet being mailed out prior to the close of the month, he was distributing copies of the Treasurer's Report at today's meeting.

A motion was made by Comm. Jancek, supported by Comm. Wonacott, to receive the January 31, 2018 Treasurer's Report as presented. The motion carried unanimously.

- VII. **Approval of the February 8, 2018 Submitted Bills** – A motion was made by Comm. Jancek, supported by Comm. Terry, to approve payment of the February 8, 2018 submitted bills as presented. The motion carried unanimously.

- VIII. **Staff Progress Report for January, 2018** – Mr. Duke reported that staff was continuing to work on the JACTS 2045 Long Range Transportation Plan, process numerous TIP amendments, and preparing master plan documents for several jurisdictions in the Region 2 planning area.

- IX. **Report of the Nominating Committee – Election of the R2PC Officer for 2018** – Chair Rice explained that the R2PC current officers had completed their second year in office, the maximum allowed under the R2PC bylaws. The bylaws also require that the chair position be rotated among the three counties. The Nominating Committee met on January 9th and recommended the following slate of officers for 2018:

Chair – Ralph Tillotson, Lenawee County
Vice-Chair – Doug Terry, Hillsdale County
Treasurer – Chris Wittenbach, Lenawee County
Secretary – Pete Jancek, Jackson County

Chair Rice asked if there were any nominations from the floor for the officer positions. No additional nominations were forthcoming.

The motion was made by Comm. Williams, supported by Comm. Quigley, to approve the R2PC officers as recommended by the Nominating Committee. The motion carried unanimously. Chair Tillotson assumed the Chair duties.

Comm. Rice expressed his gratitude and appreciation to the Executive Committee for the opportunity to serve as Chair for the last two years. Mr. Duke also thanked Comm. Rice for his dedication and on-going support and involvement in R2PC activities.

- X. **Approval of Amendments to the JACTS FY 2017-2020 Transportation Improvement Program (TIP)** – The following amendments were proposed by the Jackson County Department of Transportation (JCDOT) and the Michigan Department of Transportation (MDOT) to the JACTS FY 2017-2020 Transportation Improvement Program (TIP):

FY	Project Name	Description	Funding	Agency
2018 ADD	Moon Lake Road Bridge	Replace bridge over the Dollar Lake channel	Fed \$860,700 Local\$ 45,300	JCDOT
2018 ADD	Laurence Ave	Replace RR crossing	State\$270,256	MDOT
2018 ADD	Parnall Road	Replace RR crossing	State\$ 63,494	MDOT
2018 ADD	Cunningham Road	Replace RR crossing	State\$ 43,597	MDOT
2018 ADD	Cook Road	Replace RR crossing	State\$ 43,961	MDOT
2018 ADD	Rives Eaton Road	Replace RR crossing	State\$ 44,171	MDOT
2018 ADD	Territorial Road	Replace RR crossing	State\$ 46,961	MDOT
2018 ADD	Wood Road	Replace RR crossing	State\$ 46,961	MDOT
2018 ADD	I-94	At West Ave interchange – project scoping	State\$750,000	MDOT
2018 ADD	Various Roads	Resurfacing	FED \$319,215 State\$ 70,785	MDOT

Mr. Duke reported that the JACTS Committees had reviewed and recommended approval of the amendments at their respective meetings in January. A motion was made by Comm. Wonacott, supported by Comm. Williams, approving the proposed amendments to the JACTS FY 2017-2020 Transportation Improvement Program (TIP) as presented. The motion carried unanimously.

- XI. **Regional Prosperity Initiative (RPI) 2018 Grant Award** – Mr. Duke reported that he had received notification from the Michigan Department of Technology, Management, and Budget confirming that the R2PC had been awarded \$180,897 to fund 2018 RPI activities in Hillsdale, Jackson, Lenawee, Livingston, Monroe, and Washtenaw counties (RPI Region 9).

The motion was made by Comm. Rice, supported by Comm. Terry, authorizing the Chair to sign a contract with the State of Michigan accepting the 2018 RPI grant award of \$180,897. The motion carried unanimously.

XII. **Hillsdale Economic Development Update, Sue Smith, EDP of Hillsdale** – Ms. Smith reviewed for the Committee several of the recent multi-million industrial expansion projects either underway or completed in Hillsdale County.

XIII. **Other Business** – Mr. Duke reported that the new Commissioner orientation meeting will be held prior to the March 8th Full Commission meeting. The orientation will be conducted at 1:00 PM in the 5th Floor conference room of the Jackson County Tower Building.

No other business was brought before the Committee.

XIV. **Public Comment / Commissioner Comments** – Chair Tillotson announced the second opportunity for public comment. Comm. Williams, a Jackson County Commissioner, introduced himself as a new member on the Executive Committee.

XV. **Adjournment** – There being no further business, the meeting was adjourned by Chair Tillotson on a motion by Comm. Williams, and supported by Comm. Terry at 2:45 PM.

Pete Jancek
Secretary

Region 2 Planning Commission



MEMORANDUM

TO: Region 2 Planning Commission

FROM: Jill Liogghio, Secretary/Bookkeeper

SUBJECT: Treasurer's Report for February 28, 2018

DATE: March 1, 2018

Due to the end of the month coinciding with the day the R2PC packet is scheduled to be mailed out, the Treasurer's Report for February 28, 2018 will not be included in the packet. Some of the financial information is not available until March 2, 2018, therefore, a full Treasurer's Report will be handed out at the meeting on Thursday, March 8, 2018.

Enclosed, please find the submitted bills for the month of March.

Should you have any questions, please do not hesitate to call me.

REGION 2 PLANNING COMMISSION
Submitted Bills
March 8, 2018

Vendor	Description	Amount Due
Blue Cross/Blue Shield	Prescription Coverage for Apr. 2018 (SD)	\$ 80.40
Blue Cross/Blue Shield	Supplement F (SD)	\$ 148.16
Blue Cross/Blue Shield	Office Premium for Apr. 2018	\$ 3,515.31
County of Jackson	Rent for March 2018	\$ 2,957.77
County of Jackson	Postage Exp./Accounting Services Jan. 2018	\$ 3,096.09
Direct Office Buys	Supplies for Feb. 2018	\$ 71.95
ICMA Retirement Trust	ICMA 401 Contribution	\$ 2,219.43
Hillsdale County Road Commission	PASER Training 2018	\$ 32.25
Mlive	JACTS/RTF/JTSP Advertising	\$ 543.45
MSP	Traffic Safety Summit Registration (SD)	\$ 95.00
Public Sector Consultants	RPI Grant 2017 - Jan. 2018 Support	\$ 1,641.25
Southeast Mich. Comm. Alliance	RPI - DEC. 2017	\$ 1,550.85
The Daily Telegram	RTF Public Notice	\$ 292.00
The Exponent	Annual Subscription	\$ 50.00
The Hillsdale Daily News	RTF Public Notice	\$ 160.50
The Water Store	Supplies for Feb. 2018	\$ 23.65
Vantage Point Transfer Agents	ICMA RHS Contribution	\$ 251.66
Total Submitted Billing - March 8, 2018		<u>\$ 16,729.72</u>



Staff Progress Report ***February 2018***

Area-Wide Regional Planning Activities

Economic Development

- **Jackson DDA.** Staff attended and chaired the monthly meetings of the City of Jackson DDA committee.
- Staff performed administrative responsibilities for the February Leoni Township DDA meeting. Resolutions were approved stating that once the Ann Arbor Non-Motorized Trail is completed later this summer, the township and the LDDA will assume long term maintenance responsibilities..

Regional Prosperity Initiative

- **Program Administration**
 - Public Sector Consultants (PSC) proactively scheduled a variety of meetings for the Greater Ann Arbor Region Prosperity Initiative (GAAR) in 2018.
 - In response to feedback generated at the January 24, 2018, GAAR management team meeting, PSC began planning a mobility webinar for early March. PSC staff contacted individual management team members to generate ideas for topics and speakers.
 - PSC sent simple Doodle polls for planning the quarterly GAAR management team meetings. Thus far, an April 2018 meeting is scheduled, and dates are forthcoming for meetings in June, September, and November. While scheduling is underway, PSC staff is preparing GAAR website updates, including regular meeting material and notices regarding upcoming webinars.
 - The 2018 RPI grant amount is approximately \$70,000 less than what was requested; therefore, requiring an amendment be prepared and submitted to the State prior to the release of the grant funds.
- **10 Cents a Meal Program Evaluation**

PSC completed a detailed memo summarizing and interpreting the results of evaluation activities completed in Dexter public schools on January 30, 2018. PSC distributed the memo to the Michigan Department of Education and Groundwork Center for Resilient Communities, among other statewide project partners. Groundwork Center is currently using the data to inform a report to the Michigan Legislature on outcomes of the 10 Cents a Meal program to date.

[February, 2018 Staff Progress Report]

R2PC Activities

- **R2PC website.** Staff continued updating the R2PC website through WordPress.
- Staff attended the Jackson County Board of Commissioners study session regarding County approval of the TAP/SR2S maintenance agreement between JCDOT and MDOT.
- Staff attended a Leoni Township Trustee meeting regarding medical marijuana issues.
- Staff attended a Jackson Brownfield Authority monthly meeting.

Regional Transportation Planning Hillsdale, Jackson, and Lenawee Counties

Program Management

- Staff reviewed new Rural Task Force reports regarding monitoring obligation authority.
- Staff compiled packet of Rural Task Force information including public notices, agendas, minutes, participants, and data sheets. These are required to be submitted per federal regulations.
- Staff worked with MDOT and our accountant to amend the FY 2018 Regional Transportation Work Program budget to better reflect actual expenditures.
- Staff updated the Highway Performance Monitoring System (HPMS) data and conducted outreach with applicable agencies regarding data collection.
- Staff notified Lenawee County regarding CMAQ and small urban programs grant availability. The current program project list was provided and the committees have yet to decide when to conduct meetings.

Metropolitan Area Transportation Planning Jackson Area Comprehensive Transportation Study

Program Management

- Staff attended the Jackson Area Transportation Authority's monthly Local Transit Advisory Council (LTAC) meeting.
- Staff conducted the monthly meetings of the JACTS Technical Advisory and Policy committees.
- Staff attended the monthly Michigan Transportation Planning Association meeting in Lansing.
- Staff submitted the Safety Performance Measure packet to MDOT to ensure that JACTS is in good standing, meeting federal guidelines and requirements.

[February, 2018 Staff Progress Report]

2045 Long Range Transportation Plan

- The public comment period for review of the Operation and Management and Emergency Management, Natural Disasters, and the Transportation System draft chapters was opened. The JACTS Technical, JACTS Policy, Region 2 Planning Commission and Steering Committee members, as well as those on the project contact list were notified via email and/or U.S. mail.
- Staff is working on drafts of the Consultation, Environmental Justice, Performance Measures, Financial Analysis and Travel Demand Model Results draft chapters of the 2045 Long Range Transportation Plan.
- Staff has reached out to MDOT, the City of Jackson, Jackson County and the Jackson Area Transportation Authority for financial information for the plan. All agencies have reported their information, and staff is now able to work with each agency to ensure that the chapter will be completed correctly.
- Staff facilitated workshops to get input and feedback on the plan's vision, goals and objectives at three different public meetings – the Winter 2018 Project Steering Committee meeting, the JACTS Policy Committee meeting and the JACTS Technical Committee meeting. Meeting debriefs and notes were taken to help record participant's thoughts to help with the development of this part of the plan.
- Staff has sought MDOT and other MPO's thoughts and guidance for input on the development of the new Performance Measure's chapter of the plan. This is a brand new plan requirement that has complex requirements. Staff is working with FHWA and MDOT to ensure that the plan will incorporate and address all new requirements as required by law and guidance from the current federal transportation bill – the FAST Act.
- Staff is working to ensure that the plan is on track to be adopted and approved by the Region 2 Planning Commission in June 2018 by staying on task and meeting project milestones.
- Staff is maintaining the project website. For information on progress, meetings and to review sections of the plan, please see: <http://www.region2planning.com/long-range-transportation-plan/>.

Technical Assistance

- The Jackson Area Transportation Authority and the Region 2 Planning Commission are wrapping up the "Connecting Jackson County Transit Plan."
- MDOT made additional revisions to the Context Sensitive Solutions (CSS) aesthetic design plans for the reconstruction of the interchanges along the 9-mile I-94 modernization expansion plan. The design plans for the Cooper Street interchange and Grand River bridge reconstruction have been finalized and set to begin in June. Completion of the project is projected to be December, 2019.
- Staff sent out the agenda packets and attended the monthly Walkable Community Coalition meeting.
- Staff continues to work with the DNR to address the needs of the development of non-motorized trails within Jackson County.

[February, 2018 Staff Progress Report]

- Staff helped facilitate a Jackson County Parks Iron Belle Mini Grant application. The County was awarded a grant, and will be working to spend the funds.
- DNR has notified staff that Iron Belle Trail signage is available for local communities to use. Staff is facilitating the interest that the City of Jackson and Jackson County has shown in exploring how these markers could be used along the trail in the area.
- The combined City-County Non-Motorized Plan RFP was released. The proposals are due to the R2PC office on February 27. The Selection Committee will be reviewing the proposals and working towards selecting a firm.
- Staff is working with MDOT on a draft contract for the Non-Motorized Plan.

Transportation Improvement Program (TIP)

- Several amendments and administrative modifications approved by the JACTS committees and the R2PC to the JACTS FY 2017-2020 TIP were submitted to MDOT and FHWA for review and approval.
- Staff continued attending MDOT-sponsored workshops on the development of performance measures and targets to achieve in preparing future FHWA-required work activities.
- Staff worked with MDOT to ensure that projects are up to date in JobNet.

Jackson Traffic Safety Program

- Staff worked with OHSP and our local enforcement agencies to ensure that all officers working driving patrols are Standardized Field Sobriety Testing (SFST) certified.
- Staff has only received one application for JTSP funding.
- Staff has signed up to attend the MSP/OHSP Annual Traffic Summit held in Lansing this March 20-22nd.

Local Planning Assistance

The requests of member units of government within Hillsdale, Jackson, and Lenawee Counties are listed below. These activities were prepared at cost to the individual units of government requesting the service (unless alternative funding was available).

Hillsdale County

City of Jonesville

- Staff worked with the City Manager to finalize population projections for the *City of Jonesville Master Plan*.
- Staff prepared the analysis of 'Securing Jonesville's Future', the community survey which will help guide the development of the *City of Jonesville Master Plan*.

[February, 2018 Staff Progress Report]

Somerset Township

- Staff continued to consult with the Planning Commission Chair on the creation of bylaws for the operation of the Planning Commission.

Jackson County

Village of Grass Lake

- Staff continued to work with the Zoning Administrator on proposed changes to the Union Street Gateway District's form-based code standards which would allow 'bank, loan, and financial offices' and 'drive-through service accessory to a bank, loan, or financial office' as conditional uses. Staff also met with the Zoning Administrator on February 22nd to review a preliminary site plan for a proposed credit union facility in the Union Street Gateway District.
- Staff began working on an update to the *Village of Grass Lake Master Plan*.

County of Jackson

- **County Planning Commission.** Staff prepared the agenda packet for the February 8th meeting of the Jackson County Planning Commission. The meeting was cancelled due to an illness.
- **Upper Grand River Water Trail.** Staff attended the February 7th meeting of the Upper Grand River Water Trail Committee.

Village of Parma

- Staff began to work on an update to the *Village of Parma Master Plan*.

Rives Township

- Staff made a correction to an error in the *Rives Township Master Plan* at the request of the Planning Commission.

Spring Arbor Township

- Staff met with the Zoning Administrator on February 26th to discuss changes to the standards regarding Solar Farms and small solar energy facilities proposed for addition to the *Spring Arbor Township Zoning Ordinance*.

Lenawee County

County of Lenawee

- **County Planning Commission.** Staff prepared the agenda packet for the February 15th meeting of the Lenawee County Planning Commission. The meeting was cancelled due to an illness.

Macon Township

- Staff consulted with the Planning Commission Chair on a special land use request regarding a kennel.

Region 2 Planning Commission



MEMORANDUM

TO: Region 2 Planning Commission

FROM: Steven M. Duke, Executive Director

SUBJECT: Appointment of the 2018 R2PC Personnel & Finance Committee

DATE: March 1, 2018

Per the R2PC Bylaws, the Chair of the Region 2 Planning Commission annually appoints a Personnel and Finance Committee at the March Full Commission meeting. The purpose of the Committee is to review personnel and financial concerns of the Commission and provide recommendations to the Executive Director, the R2PC Executive Committee, and/or the Full Commission.

The Committee is comprised of a minimum of five R2PC Commissioners and the Chair of the Commission (*Commissioner Tillotson*). One of these members must be the Treasurer (*Commissioner Wittenbach*). The Committee has no regular meeting schedule. Meetings are held at the request of the Executive Director or at the call of one of the Committee members. The Committee is typically convened for the purpose of reviewing personnel and/or financial matters. On these occasions, the Committee is briefed by the Executive Director who may ask for a recommendation from the Committee. The Committee also meets on occasions when the Commission is considering a large capital purchase, or in the event a grievance is filed resulting from disciplinary action.

Members of the 2017 Personnel and Finance Committee included: Andy Dotterweich, Phil Duckham, Roger Gaede, Carl Rice, Jr. (Chair), Doug Terry (Treasurer), and Ralph Tillotson.

Nominations for the appointments will be taken from the floor.



SMITH & KLACZKIEWICZ, PC
CERTIFIED PUBLIC ACCOUNTANTS

THOMAS J. SMITH, CPA
(989)751-1167

ROBERT R. KLACZKIEWICZ, CPA
(989)751-3064

A VETERAN OWNED BUSINESS

INDEPENDENT AUDITOR'S REPORT

To the Board of Commissioners
Region 2 Planning Commission
Jackson, Michigan

Report on the Financial Statements

We have audited the accompanying financial statements of the business-type activities of the *Region 2 Planning Commission*, as of and for the year ended September 30, 2017, and the related notes to the financial statements, which collectively comprise the Planning Commission's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the business-type activities of the **Region 2 Planning Commission**, as of September 30, 2017, and the respective changes in financial position and cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion on pages 3-6 and the schedule of funding progress (page 19) be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the **Region 2 Planning Commission's** basic financial statements. The other supplementary information as listed in the table of contents are presented for purposes of additional analysis and are not a required part of the basic financial statements.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated February 2, 2018 on our consideration of the **Region 2 Planning Commission's** control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with Government Auditing Standards in considering the **Region 2 Planning Commission's** internal control over financial reporting and compliance.

Smith + Klayhewicz PC

Saginaw, Michigan

February 2, 2018

Region 2 Planning Commission

Statement of Net Position

September 30, 2017

Assets

Current assets:	
Cash and cash equivalents	\$ 462,427
Due from other governments	300,966
Prepaid items	11,858
Total current assets	<u>775,251</u>
Investments	101,591
Capital assets being depreciated, net	3,088
Total assets	<u>879,930</u>

Liabilities

Current liabilities:	
Accounts payable	44,315
Due to other governments	211,659
Accrued expenses	13,237
Unearned revenue	225,602
Net OPEB obligation	2,400
Total current liabilities	<u>497,213</u>
Non-current liabilities:	
Accrued compensated absences	9,759
Net OPEB obligation	32,624
Total non-current liabilities	<u>42,383</u>
Total liabilities	<u>539,596</u>

Net Position

Net investment in capital assets	3,088
Unrestricted	337,246
Total net position	<u>\$ 340,334</u>

The accompanying notes are an integral part of these financial statements.

Region 2 Planning Commission

Statement of Revenues, Expenses and Changes in Fund Net Position

For the Year Ended September 30, 2017

Revenues

Grants:

Federal	\$ 338,712
State	268,731
Local	69,574
Membership and service fees	163,113
Other revenues	3,174
Total revenues	<u>843,304</u>

Expenses

Salaries and wages	182,303
Employee fringe benefits	53,345
Other direct costs	376,792
Indirect costs	198,842
Total expenses	<u>811,282</u>

Increase (decrease) in net position	32,022
--	--------

Net position

Beginning of year	<u>308,312</u>
End of year	<u><u>\$ 340,334</u></u>

The accompanying notes are an integral part of these financial statements.

Christopher J. Bolt, MPA, P.E.
Managing Director

Robert D. Griffis
Director of Operations



Angela N. Kline, P.E.
Director of Engineering

Dawn Goodwine
Administrative Services Manager

February 1, 2018

Mr. Steven Duke, Executive Director
Region 2 Planning Commission
120 W. Michigan Ave – 9th Floor
Jackson MI 49201

Dear Mr. Duke;

Jackson County Department of Transportation (JC DOT) would like to request that JACTS consider the following amendment to the JACTS FY 2017 – 2020 TIP:

Fiscal Year	Project Name	Limits	Project Description	Funding
2018 ADD	King Rd	Albion Rd to Mathews Rd	Rehabilitation	Federal: \$1,440,000 Local: \$360,000
2018 Scope	Norvell Rd	Sharon Valley Rd to E Michigan Ave	Rehabilitation	Federal: \$1,536,000 Local: \$384,000

Sincerely,

A handwritten signature in black ink that reads 'Angela Kline'. The signature is written in a cursive, flowing style.

Angela N. Kline, P.E.
Director of Engineering
Jackson County Department of Transportation
[2400 Elm Road](#)
[Jackson, MI 49201](#)
O: [\(517\) 768-6219](#)
F: [\(517\) 788-4237](#)
akline@co.jackson.mi.us

Your Local Road Professionals
2400 Elm Road, Jackson, Michigan 49201
Telephone (517) 788-4230 or (800) 718-3537* Fax: (517) 788-4237
<http://www.jcrc-roads.org>



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF TRANSPORTATION
LANSING

KIRK T. STEUDLE
DIRECTOR

Mr. Steve Duke,
Executive Director
Region 2 Planning Commission
Jackson County Tower Building
120 W. Michigan Avenue, 9th Floor
Jackson, Michigan 49201

Dear Mr. Duke:

This letter is sent by the Michigan Department of Transportation (MDOT) to inform the Jackson Area Comprehensive Transportation Study committees of one TIP Administrative Amendment to the FY 2018 element of the FY 2017-2020 Transportation Improvement Plan (TIP).

Fiscal Year	Project Name	Limits	Project Description	Funding	
2018	I-94	M-60 to Sargent Rd	Reconstruct/Rehab	Federal	\$ 46,569,320
					\$ 55,479,320
				State	\$ 5,174,369
					\$ 6,164,369

Thank you for your attention to this request. If you have any questions or need additional information, please contact me at 517-750-0405

Sincerely,
Mike Davis, Transportation Planner

Region 2 Planning Commission



MEMORANDUM

To: Region 2 Planning Commission members

From: Tanya DeOliveira

Date: March 1, 2018

Subject: **2045 Long Range Transportation Plan**

During the month of February, staff facilitated a workshop for the 2045 Long Range Transportation Plan vision, goals and objectives at three different public meetings: the Project Steering Committee meeting, the JACTS Technical Committee Meeting, and the JACTS Policy Committee meeting. The vision, goals, and objectives are used to guide the metropolitan transportation planning process over the life of the plan, and can be used to determine the success of plan implementation. The vision, goals, and objectives also reflect the values and principles of the community, measure the expectations for the quality of life, and can help to determine if future projects align with the long-term vision for Jackson.

A high-level summary of the data collected at the meetings has been collected and summarized in the attached sheets. The **JACTS 2045 Long Range Transportation Plan Visioning Exercise Summary Sheet** is a summary of the statements participants shared when they were asked to reflect on the following statement: "What does the ideal transportation system look like to you? Consider the needs, issues, concerns, challenges and opportunities for the Jackson MPO, including the City of Jackson, Jackson County and the local townships." The **JACTS 2045 Long Range Transportation Plan Objectives Exercise Summary Sheet** are the results of participants reflecting on what objectives from the 2040 plan are still relevant (or not) for the 2045 plan.

These results will be used to develop the vision, goals and objectives for the 2045 Long Range Transportation Plan. The opportunity to review and provide edits on these items will be during the 30 day public comment period which will follow soon.

Comments on the attached results will be welcomed during the March Region 2 Planning Commission meeting.

Project website: <http://www.region2planning.com/wp-content/uploads/2017/08/Transportation-Participation-Plan.pdf>

JACTS 2045 Long Range Transportation Plan Visioning Exercise Summary Sheet

Feb-18

Summary from the the JACTS Technical, JACTS Policy and Project Steering Committee meetings.

1 means that the group mentioned this topic.

Modal Transportation Topic (General Support for...)	Steering Committee		JACTS Technical		JACTS Policy		Total	Priority^	Imporant^^
	Group 1	Group 2	Group 1	Group 2	Group 1	Group 2			
Roads	1	1	1	1	1	1	6		All groups mentioned road system.
Lane serapation on highway	1						1		
Better exit/entrance ramps	1	1					2		
Safe for all modes	1	1				1	3		*
Eliminate all one-way roads			1			1	2		
Safer Roads	1	1				1	3		*
Good level of service		1					1		
Modernize roadway network, intersections, etc.			1	1	1	1	4	*	
Still a need for a southern connector??					1		1		
Maitenance mode only for pavement	1	1	1	1	1		5	*	
Bike/ped	1	1	1	1	1		5		Most groups mentioned non-motorized system.
Safety	1		1				2		
Recreation & transportation	1						1		
Something like KalHaven Trail	1						1		
Better design between I94 & 127		1					1		
Bike share		1					1		
Better connectivity		1					1		
Sidewalks everywhere in City			1	1	1		3		*
Better education for all users			1				1		
Improved lighting			1				1		
Give pedestrians legal ROW							0		
No regional boundaries							0		
Transit	1	1	1		1		4		Most groups mentioned transit system
Explore funding opportunities for transt	1						1		
Important for aging population	1	1					2		
Well used but not well funded	1						1		
Younger population looking for options	1						1		
Greyhound runs out of JATA, but has decreased	1						1		
Improved regional transit	1		1				2		
Bus shelters		1					1		
Efficient service		1					1		
Dial a ride service 7 days a week			1		1		2		
Fixed route service in urban townships			1				1		
Rail	1		1	1		1	4		Most groups mentioned rail system.

JACTS 2045 Long Range Transportation Plan Visioning Exercise Summary Sheet

Feb-18

Summary from the the JACTS Technical, JACTS Policy and Project Steering Committee meetings.

1 means that the group mentioned this topic.

Modal Transportation Topic (General Support for...)	Steering Committee		JACTS Technical		JACTS Policy		Total	Priority^	Imporant^^
	Group 1	Group 2	Group 1	Group 2	Group 1	Group 2			
Econmic and safe for freight and passengers	1		1			1	3		*
High speed rail				1			1		
Have rail/car grade separation						1	1		
Freight						1	1		One group mentioned needs for freight.
Restricted hours for freight						1	1		
Separate roadways for freight trucks						1	1		
							0		
Complete Streets		1	1	1	1	1	5		Most groups supported some aspect of completed streets.
Making sure there's enough funding		1					1		
Better connections between communities for all modes	1	1	1	1	1		5		*
Road Diet				1			1		
Balace between traffic flow and accessibility				1			1		
Connected and Automated Vehicles		1				1	2		Two groups mentioned CAVs.
							0		
Ride Share		1			1		2		Two groups mentioned ride share as an option for Jackson.
Non-Modal Transportation Topics									
Funding	1			1	1	1	4		Most groups mentioned better funding mechancisms.
Equal distribution and determination of funding				1			1		
Freedom to move money for local needs					1		1		
Sustainable funding sources						1	1		
Funding to support local roads	1						1		
							0		
Signage	1						1		One group mentioned signs.
Easier to read	1						1		
Easier to see at night	1						1		
							0		
Keeping commutes who drive through Jackson in mind	1						1		
Solar panel roadway						1	1		

^ Statements where more than half of the groups mentioned the topic

^^Statements where half of the groups mentioned the topic

JACTS 2045 Long Range Transportation Plan Objectives Exercise Summary Sheet

Feb-18

Summary from the the JACTS Technical, JACTS Policy and Project Steering Committee meetings.

Green are the number of dots in support of the objective.

Red are the number of dots that don't support the objective.

Green are the number of dots in support of the objective. Red are the number of dots that don't support the objective.	JACTS Policy		JACTS Technical		Steering Committee			
	Green (Support)	Red (Oppose)	Green (Support)	Red (Oppose)	Green (Support)	Red (Oppose)	Total Green (Support)	Total Red (Oppose)
GOAL 1. Increase the safety and security of the transportation system for motorized and non-motorized users.								
1.1 Reduce vehicular crashes and eliminate hazardous locations.	11		8		9		28	0
1.2 Utilize standard traffic control devices to increase efficiency and safety.	2		4		5		11	0
1.3 Minimize rail/auto/transit conflicts and commercial/non-commercial vehicle conflicts.	3			1			3	1
1.4 Minimize motorized/non-motorized conflicts.	10		6		4		20	0
1.5 Maximize the safety and security of its patrons.	4		2		2		8	0
1.6 Increase access to crash incidences and/or disabled vehicles.		3		1			0	4
1.7 Utilize state-of-the-art measures to increase pedestrian safety.		2	4				4	2
1.8 Contribute to the reduction of traffic volumes.			1	3	2	2	3	5
1.9 Improve the handling of hazardous materials movement.							0	0
1.10 Continue to administer funding through the Jackson Traffic Safety Program to improve all aspects of safety on the transportation system in Jackson County.				2	4		4	2
Goal 2 Increase the accessibility and mobility options available to both people and freight.								
2.1 Minimize transportation barriers which put at a disadvantage the physically challenged, senior citizens, and persons who do not have automobiles available, or have limited economic means.	11		7		9		27	0
2.2 Provide appropriate access, via motorized or non-motorized transportation, to and from major land uses and activity centers within Jackson County.	11		4		5		20	0
2.3 Provide all travelers in the community with reasonable access to important destinations, such as residences, employment, recreation, community facilities, and commercial centers.	1		2	1	2		5	1
2.4 Provide enhanced, new capacity, or new accessibility to the transportation system to move freight and enhance the range of freight service options available.	1	3	6			1	7	4
2.5 Enhance or increase bike lanes and sidewalks.	6	3	9		8		23	3
2.6 Design the transportation system to operate at the highest level-of-service which can be reasonably provided.	8			1	4	1	12	2
Goal 3 Emphasize the preservation of the existing transportation system.								
3.1 Preserve and maintain the existing transportation infrastructure at the highest possible level – based on the policies and goals of all implementing jurisdictions.	2	2	8		10		20	2
3.2 Implement management systems which foster preservation and coordinate at all levels within Jackson County. Use the outputs in the needs identification component of the planning process.	1	5	1	3			2	8
3.3 Contribute to better system maintenance.	10		8		4		22	0
3.4 Emphasize system rehabilitation rather than expansion, except for the provisions of the I-94 Modernization Study.	12		8		4		24	0
3.5 Incorporate new technologies.	13		1		7		21	0
Goal 4 Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development.								

JACTS 2045 Long Range Transportation Plan Objectives Exercise Summary Sheet

Feb-18

Summary from the the JACTS Technical, JACTS Policy and Project Steering Committee meetings.

Green are the number of dots in support of the objective.

Red are the number of dots that don't support the objective.

	JACTS Policy		JACTS Technical		Steering Committee		Total Green (Support)	Total Red (Oppose)
	Green (Support)	Red (Oppose)	Green (Support)	Red (Oppose)	Green (Support)	Red (Oppose)		
development patterns.								
4.1 Minimize interference of the transportation system with existing households and disruption of neighborhoods to ensure transportation projects do not disproportionately affect low-income and minority populations.	6	1	6		1		13	1
4.2 Minimize negative effects on commercial and industrial facilities as well as recreational, cultural, religious, and educational activities as transportation improvements are made.	1				3		4	0
4.3 Preserve historic sites and districts and ensure minimal impact if necessary.	7		2		4		13	0
4.4 Conserve prime agricultural resources and open spaces.	3	1	4				7	1
4.5 Reduce vehicle emissions and noise, including greenhouse gases and air pollutant concentrations.	4			1	4		8	1
4.6 Minimize energy resources consumed for transportation.	4				4		8	0
4.7 Add to the convenience and/or efficiency of the system.	2	2	4		3		9	2
4.8 Minimize disruption to wetlands and/or other natural habitats.	11		3		1		15	0
4.9 Enhance the development of brownfields.	4		2		3		9	0
4.10 Encourage the use of alternative fuels.		1		6	1		1	7
4.11 Maximize quality and minimize quantity of storm water run-off.	1	1	2		3		6	1
4.12 Actively pursue techniques aimed at multiple-occupant vehicle use and spreading travel demand to non-critical times of the day.		1	1				1	1
Goal 5 Enhance the integration and connectivity of the transportation system across and between modes for people and freight.								
5.1 Develop transportation services consistent with area land use, housing, water quality management, recreation/open space, and other relevant plans, as well as economic development initiatives.	6		10		7		23	0
5.2 Ensure the transportation system is multi-modal and intermodal in character and provides a smooth interface among different modes.	13		4		6		23	0
5.3 Encourage local land use policies and practices and appropriate access management and right-of-way preservation to meet the future needs of the transportation system.	10		7		2		19	0
5.4 Improve intermodal connectivity for all people.	6			1	8		14	1
5.5 Improve intermodal connectivity for freight.	2		1	2	1		4	2
5.6 Enhance the information/telecommunication networks that integrate freight and people.		9	4		1		5	9

JACTS 2045 Long Range Transportation Plan Objectives Exercise Summary Sheet

Feb-18

Summary from the the JACTS Technical, JACTS Policy and Project Steering Committee meetings.

Green are the number of dots in support of the objective.

Red are the number of dots that don't support the objective.

	JACTS Policy		JACTS Technical		Steering Committee		Total Green (Support)	Total Red (Oppose)
	Green (Support)	Red (Oppose)	Green (Support)	Red (Oppose)	Green (Support)	Red (Oppose)		
Goal 6 Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency.								
6.1 Encourage job employment retention, attraction, and expansion in Jackson County by providing the most efficient transportation system possible.	13		7		9		29	0
6.2 Ensure transportation improvements are cost-effective and maximize the long term benefits by considering the overall life cycle costs.	4		5		7		16	0
6.3 Minimize capital and operating costs for all modes.				2	2		2	2
6.4 Ensure the scale and character of transportation improvements is consistent with the ability to finance such improvements.	3				1		4	0
6.5 Encourage transportation system investments from the private sector.	1	7	5		1		7	7
6.6 Promote general economic development.	6		1	3			7	3
6.7 Improve and/or enhance the movement of freight and services.	1	2			2		3	2
6.8 Improve and/or enhance the movement of workers.	8		3				11	0
6.9 Improve economic productivity and competitiveness throughout the system.	3	1	3		2		8	1
Goal 7 Promote efficient system management and operation.								
7.1 Promote transportation projects which reduce distance and time spent traveling.	6		6		3		15	0
7.2 Improve on-road operating efficiency through the use of transportation management techniques where possible, including Intelligent Transportation Systems (ITS).	12		3		4		19	0
7.3 Encourage increased vehicle occupancy for all motorized modes.	2		1		2		5	0
7.4 Coordinate the movement of goods and persons for maximum efficiency.	3		4				7	0
7.5 Encourage the multiple use of transportation rights-of-way by different modes, including pedestrian and non-r	1		3		7		11	0
7.6 Reduce transportation system costs.	9			1			9	1
7.7 Contribute to more accurate vehicle and commercial traffic counts.		4					0	4
7.8 Enhance administrative productivity/efficiency.		3	4				4	3
7.9 Minimize capital and operating costs for all modes.	2			2	5		7	2
7.10 Ensure the scale and character of transportation improvements is consistent with the ability to finance such improvements.	2		1		6		9	0

JACTS 2045 Long Range Transportation Plan Objectives Exercise Summary Sheet

Feb-18

Summary from the the JACTS Technical, JACTS Policy and Project Steering Committee meetings.

Green are the number of dots in support of the objective.

Red are the number of dots that don't support the objective.

	JACTS Policy		JACTS Technical		Steering Committee		Total Green (Support)	Total Red (Oppose)
	Green (Support)	Red (Oppose)	Green (Support)	Red (Oppose)	Green (Support)	Red (Oppose)		
Goal 8 Encourage the public to become involved in the planning and development of transportation facilities and services.								
8.1 Provide opportunities for the involvement of all segments of the community in the development of JACTS plans and programs through multiple outlets.	12		5		3		20	0
8.2 8.2 Allow for timely public review and comment at key decision points in the planning and project development process.	10		2		6		18	0
8.3 Look for ways to include traditionally under-represented communities, especially minority and low-income populations.	7	2	2		8		17	2
8.4 8.4 Promote a balanced transportation system through directed investment in improvements across modes.		8	5	1		1	5	10
8.5 8.5 Enhance intergovernmental coordination and cooperation for improving multimodal transportation planning.	11		5		8		24	0
Goal 9 Improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation.								
9.1 Maximize quality and minimize quantity of storm water run-off.	10		6		2		18	0
9.2 Support the development, integration, and use of local, regional, and state storm water mitigation plans and policies.	8		4		7		19	0
9.3 Consider the impact to the Upper Grand River watershed for any transportation project.	1	1	1	1	1		3	2
9.4 Consider the impact to local floodplains and wetlands for any transportation project.	5		3		2		10	0
9.5 Consider the impacts extreme weather events to storm water mitigation on the transportation system.	1	1	2	1	4		7	2
9.6 Encourage projects and programs that use low-polluting fuels and technologies in vehicles.	4	4			3		7	4
9.7 Develop the transportation system to minimize the disruption of existing neighborhoods, households, prime farmlands, natural habitats and open spaces.	12	1	9		5		26	1
Goal 10 Enhance travel and tourism.								
10.1 Support cultural travel, tourism and our regional transportation history.	2	6		2	3		5	8
10.2 Minimize negative effects of improvements to the transportation system on historic sites and recreational, cultural, religious and educational activities.	10		5		6		21	0
10.3 Emphasize context-sensitive designs that preserve historic character.	12		6		9		27	0
10.4 Provide and maintain economical non-motorized facilities in rural, suburban and urban areas that may transform the region into a non-motorized travel destination.	4		9		5		18	0
10.5 Integrate water trails into the transportation framework as a means for promoting travel & tourism in the region.	11	1	5		7		23	1

Region 2 Planning Commission

Serving Hillsdale, Jackson and Lenawee Counties

To: Region 2 Area Communities

From: Grant E. Bauman, AICP
Principal Planner

Date: January 30, 2018

Subject: **Model Solar Energy Facility Standards**

Local governments from across the Region 2 Area have been contacted by solar energy production companies interested in developing utility-scale solar energy generation facilities (i.e., Solar Farms). Macon Township (Lenawee County) contacted R2PC staff to develop zoning ordinance amendments which will allow and provide standards for the development and operation of Solar Farms and small scale solar energy facilities. Staff worked with the Macon Township Planning Commission throughout 2017 to develop appropriate zoning ordinance amendments which will be considered for adoption by the Township Board this winter. Invenergy LLC, an energy production company headquartered in Chicago, participated in the meetings held in Macon Township and was very helpful in providing input on the proposed regulations. The standards drafted for Macon Township were also utilized to create regulations currently under discussion in Spring Arbor Township (Jackson County).

The attached model ordinance is based upon the work described above. A differentiation is made between 2 types of proposed solar energy facilities:

- A Large Solar Energy Facility (or Solar Farm) is a utility-scale commercial facility developed for the purpose of wholesale or retail sales of generated electricity.
- A Small Solar Energy Facility is any device that is accessory to the primary use of the property and designed for the purpose of reducing or meeting on-site energy needs.

Large Solar Energy Facilities (Solar Farms)

Allowable Districts. Solar Farms are proposed as a conditional/special land use in agricultural and industrial zoning districts.

Minimum Lot Size. The minimum lot size for a Solar Farm is 20 acres. However, Macon Township wants to allow for the operators of potential Solar Farms to be able to consolidate unused portions of adjacent individual properties which have a different primary use into a single Solar Farm. The solution was the creation of a 'Zoning Lot', defined as follows:

Provided that the owner(s) of any number of contiguous lots, or contiguous portions of lots, may have as many of said contiguous lots, or contiguous portions of lots, considered as a single lot for the purpose of this Ordinance as he/she so elects, and in such case the outside perimeter of said group of lots or portions of lots shall constitute the front, rear, and side lot lines thereof.

Height. The maximum height of solar panels is 14 feet. This takes into account the rotation of panels to maximize exposure to sunlight throughout the day. The height of the 'power switchyard'—the structure needed to connect the solar energy facility to electric transmission lines—is limited to the height needed

to tie into the electric transmission lines. All other buildings/accessory structures must meet the height requirements of the underlying zoning district.

Setbacks. Solar arrays and other structures must be set back 30 feet from all lot lines and road rights-of-way (or the minimum setback of the underlying zoning district if greater). They must also be set back at least 100 feet from residential properties and residentially zoned properties in existence at the time the Solar Farm is approved. Macon Township took the extra step of listing all of the residential districts.

Security Fencing. Security fencing is required. Needed exceptions to any fencing requirements addressed elsewhere in the zoning ordinance should be listed under 'safety/access' in order to permit such fencing around the perimeters of the Solar Farm and its power switchyard. Macon Township set the maximum height of security fencing at 8 feet for a power switchyard and 7 feet for a Solar Farm.

Noise. Maximum allowable noise levels produced by a Solar Farm should be established. Macon Township set a range of 45-60 decibels (see the model ordinance for more detail). 60 decibels is comparable to the noise generated by an air conditioner or conversational speech. Macon Township took the extra step of listing all of the residential districts to which the 50 decibel maximum is applied.

Screening. At least 50% of the perimeter of a Solar Farm adjacent to residential lots (in existence at the time the Solar Farm is approved) must be screened using vegetation, berms, fencing, or like materials. When vegetation is utilized, at least 50% of it must be evergreen. Macon Township specifies that vegetation must be planted every 10-feet on center and must be at least 6-feet high and 10-feet wide at maturity. Any screening requirements should match pertinent standards listed elsewhere in the zoning ordinance.

Lighting. Lighting is limited to the minimum necessary and cannot extend beyond the Solar Farm perimeter. A photometric study may be used to make that determination. Any lighting standards should match pertinent standards listed elsewhere in the zoning ordinance.

Glare. Glare from a Solar Farm is prohibited from being a nuisance to neighboring properties or travelers on neighboring roads. Macon Township specifies that upon written notice of such a nuisance, the Solar Farm owner has no more than 12 months to remediate. That time period is similar to that for a discontinued nonconforming use to be considered abandoned.

Electrical Cabling. All medium voltage cable within the Solar Farm must be buried, with the exception of the power switchyard or within a substation. The Planning Commission may waive this requirement due to severe environmental constraints.

Agreements/Easements. If lot/zoning lot is to be leased by the owner of the Solar Farm, all property within the project boundary must be included in some type of recorded legal agreement specifying the applicable uses for the duration of the project. All necessary legal agreements between the owner of the Solar Farm and property owners must be in place prior to commencing construction.

Permit Application. A Solar Farm conditional/special land use permit application must include a complete description of the project. Any related conditional/special land use permit applications for substations or new transmission lines should be submitted at the same time. The intended route for connecting to the power grid and the alternative locations for any substation must be disclosed.

Siting Considerations. The applicant is required to provide evidence of compliance with all applicable Michigan statutes, including pertinent parts of the Natural Resources and Environmental Protection Act. The site plan must identify a comprehensive listing of factors (see the model ordinance for more detail). The disposal of hazardous wastes, and the prevention of spills and their cleanup, must also be ad-

dressed. Proof of an agreement with the County Road Commission/MDOT regarding any construction phase of the project is required.

Decommissioning Plan. A plan shall describe the decommissioning of a Solar Farm and final reclamation of the land within 12 months of abandonment, including evidence of proposed commitments to the owners of leased lots. A decommissioning plan secured by a bond may be required as a condition of a conditional/special land use permit.

Small Solar Energy Facilities

Allowable Districts. Small solar energy facilities are proposed as accessory uses in all zoning districts. Written authorization from the utility company to connect with the electrical grid is required if such connection is proposed.

Height. Roof-mounted facilities may not exceed the maximum building heights (principal or accessory) specified for the underlying zoning district (and they may not extend beyond the edge of a roof). Ground-mounted facilities may not exceed a height of 14 feet.

Size. The surface area for a ground-mounted facility shall be calculated as part of the allowable overall lot coverage permitted in the underlying zoning district.

Setbacks. The minimum setback for a ground-mounted facility is equivalent to the principal building setback of the underlying zoning district. No ground-mounted facility or facility mounted to an accessory structure is permitted within the required front yard setback.

Screening. Mechanical equipment must be screened from adjacent residentially zoned or used property. At least 50% of vegetation used for screening must be evergreen. A decorative fence that is at least 50% opaque may be used instead of vegetation.

Electrical Cabling. All electrical cabling between a ground-mounted facility and a principal structure must be buried.

Reclamation. Any earth disturbance resulting from the removal of a ground-mounted facility shall be graded and reseeded. An abandoned or inoperable facility shall be removed after 6 months.

Solar Access

No assurance of solar access is made by the local government. An applicant may provide evidence of legal documentation for abutting property owners providing solar access.

Ordinance Organization

Macon Township has a separate zoning ordinance article in which all alternative energy production uses are addressed. This makes organizational sense. Otherwise, Solar Farm standards would likely be added to the article addressing conditional uses under the appropriate section listing additional development requirements for certain conditional uses. Solar Farms should also be added to the listings of conditional uses in all pertinent zoning districts. As accessory uses, the standards for small solar energy facilities would likely be included under the article addressing supplemental uses. In most cases, definitions should be added to the article in which other definitions are listed.

Model Zoning Ordinance
Solar Energy Facilities
Draft 10 | 1/30/18

[ARTICLE VIII]
ALTERNATIVE ENERGY PRODUCTION

...

[Section 7.03]. SOLAR ENERGY FACILITY. Sunlight is utilized to generate energy through a facility consisting of one (1) or more solar devices under common ownership or operational control. Such a facility may include, but not be limited to, substations, cables/wires and other buildings and accessory structures whose main purpose is to supply energy on-site or to off-site customer(s):

A. LARGE SOLAR ENERGY FACILITY (SOLAR FARM). The purpose of this Section is to establish minimum requirements and regulations for the placement, construction and modification of large solar energy facilities (Solar Farms), as defined in **[Section 20.01.78.25a]**, while promoting the safe, effective, and efficient use of such energy facilities as a **[special land/conditional]** use in specified zoning districts.

1. LOCATION. All large solar energy facilities (solar farms) are limited to the **[Agricultural (AG)]** and **[Industrial (I)]** districts.

2. REGULATIONS AND DESIGN STANDARDS. All large solar energy facilities (Solar Farms) shall comply with the following minimum regulations and design standards.

a. DESIGN STANDARDS.

(1) MINIMUM LOT SIZE. No large solar energy facility (Solar Farm) shall be erected on any Zoning Lot less than twenty (20) acres in size (as defined in **[Section 20.01.91]**).

(2) MAXIMUM HEIGHT. The maximum height for a solar panel shall be fourteen (14) feet. The maximum height of a Power Switchyard (as defined in **[Section 20.01.75.25.d]**) shall not exceed the minimum height needed to tie into electric transmission lines. The height of all other buildings and accessory structures shall comply with the maximum building height requirements of the applicable zoning district in which the Solar Farm is located, as listed in **[Article XV (Schedule of Regulations)]**. The height of required lightning rods attached to the Power Switchyard or Solar Farm related equipment shall not be subject to the foregoing height limitations. The height of lightning rods shall be limited to that height necessary to protect the Power Switchyard and Solar Farm equipment from lightning.

(3) SETBACKS. Large solar energy facility (Solar Farm) solar arrays and other structures shall be set back thirty feet (30) from all lot lines and public road rights-of-way, or the district setbacks stated in Article XV, whichever is greater. In addition, large solar energy facility (Solar Farm) solar arrays and other structures must be located at least one hundred (100) feet from all existing **[R-1 Single Family, R-2 Single Family, and RM Multiple Family and Manufactured Housing Residential District]** land and existing residences at the time the Solar Farm is granted **[special]**

land/conditional use approval, unless the Zoning Lot is comprised of a portion of the lot containing the residence.

(4) SAFETY/ACCESS.

- (a) Security fencing shall be installed around the Solar Farm in conformance with Section 4.12 (Fences), with the following exceptions: (i) non-ornamental fencing is acceptable; (ii) perimeter fencing around the Solar Farm shall not exceed seven (7) feet; and (iii) perimeter fencing around the Power Switchyard shall not exceed eight (8) feet. Knox boxes and keys shall be provided at locked entrances for emergency personnel access.
- (b) Appropriate warning signage shall be placed at the entrance and perimeter of the large solar energy facility (Solar Farm).

(5) NOISE. No operating large solar energy facility (Solar Farm) shall produce noise that exceeds any of the following limitations.

- (a) Fifty (50) dBA, as measured at the property line of any adjacent R-1 Single Family Residential, R-2 Single Family Residential, and RM Multiple Family and Manufactured Housing Residential zoned land in existence at the time the Solar Farm is granted special land/conditional use approval.
- (b) Forty-five (45) dBA, as measured at any neighboring residence in existence at the time the Solar Farm is granted special land/conditional use approval, between the hours of nine (9) p.m. and seven (7) a.m.
- (c) Sixty (60) dBA, as measured at the lot lines of the project boundary.

(6) VISUAL APPEARANCE.

- (a) Large solar energy facility (Solar Farm) buildings and accessory structures shall utilize materials, textures, and neutral colors customary with Solar Farms and that to the extent which is prudent and feasible will blend the facility into the existing environment.
- (b) Landscaping and/or screening materials in the manner provided in this Section 7.03.A.2.a(6)(b) shall be required to help screen large solar energy facility (Solar Farm) buildings and accessory structures from adjacent lots containing residences in existence at the time of special land/conditional use approval. At least fifty percent (50%) of the Solar Farm perimeter adjacent to lots containing residences in existence at the time of special land/conditional use approval shall be screened. The Solar Farm shall be screened using berms, fencing, vegetation, and like materials. At least fifty percent (50%) of vegetative screening shall be evergreen. Vegetation used to screen the Solar Farm shall be planted every ten (10) feet on center at a planting height of four (4) feet with a height at maturity of not less than six (6) feet and width not less than ten (10) feet. Any fence used

to screen the Solar Farm shall be at least fifty percent (50%) opaque and must meet the fencing requirements of [Section 4.12](#). Adjacent residential lots that are a part of the acreage of any Zoning Lot where the Solar Farm is located are not required to be landscaped or screened as otherwise required by this Section.

- (c) Lighting of the large solar energy facility (Solar Farm) shall be limited to the minimum necessary, supplied with down lighting, and in no case shall any illumination from such lighting extend beyond the perimeter of the Solar Farm. A photometric study may be used to make this determination.
- (d) No large solar energy facility (Solar Farm) shall produce glare that would constitute a nuisance to occupants of neighboring properties or to persons traveling neighboring roads. Upon written notice from the [Township Building Inspector](#), or such other person designated by the [Township Board](#), to the owners of the Solar Farm that glare from the Solar Farm is causing a nuisance to occupants of neighboring property or to persons traveling neighboring roads, the owner of the Solar Farm shall have a reasonable time (not to exceed twelve (12) months) from the date of such notice to remediate such glare.

- (7) MEDIUM VOLTAGE CABLE. All medium voltage cable (as defined in [Section 20.01.75.25.e](#)) within the project boundary shall be installed underground at a depth not required to be greater than four (4) feet below grade, unless determined otherwise by the Planning Commission because of severe environmental constraints (e.g. wetlands, cliffs, hard bedrock), and except for Power Switchyards (as defined in [Section 20.01.75.25.d](#)) or area within a substation. All electrical interconnections and distribution components must comply with all applicable codes and public utility requirements.

- b. LOCAL, STATE AND FEDERAL PERMITS. A large solar energy facility (Solar Farm) shall be required to obtain all necessary permits from the Michigan Department of Environmental Quality (see [Section 7.03.A.4.b](#)) and any applicable municipal/county or Federal permits.
- c. AGREEMENTS/EASEMENTS. If the Zoning Lot (as defined in [Section 20.01.91](#)) on which the project is proposed is to be leased, rather than owned, by the owner of the Solar Farm, all property within the project boundary must be included in a recorded easement(s), lease(s), or consent agreement(s) specifying the applicable uses for the duration of the project. All necessary leases, easements, or other agreements between the owner of the Solar Farm and property owners must be in place prior to commencing construction, unless specified otherwise by the [special land/conditional](#) use permit.

- 3. PERMIT APPLICATIONS. An application for a [special land/conditional](#) use permit to establish a large solar energy facility (Solar Farm) shall include a complete description of the project and documentation to sufficiently demonstrate that the requirements set forth in [Section 7.03.A.2.a](#) will be met. Supporting documentation for addressing the

review criteria of [\[Section 7.03.A.4 and Section 16.06 \(Required Standards and Findings for Making a Special Land Use Determination\)\]](#) is also to be provided. The Planning Commission and/or [\[Township Board\]](#) may require any information reasonably necessary to determine compliance with this ordinance.

It is preferred that any related [\[special land/conditional\]](#) use permit applications for substations or new transmission lines be considered in conjunction with the [\[special land/conditional\]](#) use permit application for the large solar energy facility (Solar Farm); however, if the details of those improvements are not available at the time of application for the large solar energy facility (Solar Farm), they may be considered later, through subsequent [\[special land/conditional\]](#) use permit review. At a minimum, the intended route for connecting to the power grid and the alternative locations of any substation shall be disclosed with the application for the large solar energy facility (Solar Farm).

Prior to issuance of the construction permit, the [\[Township\]](#) may require as a condition of [\[special land/conditional\]](#) use approval that the owner of the Solar Farm and [\[Township\]](#) enter into a decommissioning agreement setting forth a Decommissioning Plan as required by [\[Section 7.03 A.4.h\]](#), secured by a bond to secure removal of the Solar Farm in the event the use is terminated and abandoned for a period of twelve (12) months. The amount of the bond shall be determined based upon the reasonable cost of land reclamation to seasonal grasses or to an agricultural ready condition, removal, and the salvage value of the Solar Farm.

4. PROVISIONS FOR [\[SPECIAL LAND/CONDITIONAL\]](#) USE PERMIT REVIEW. In addition to the standards set forth for [\[special land/conditional\]](#) use approval in [\[Section 16.06\]](#), the Solar Farm shall comply with the following standards:

- a. SOLAR FARM DESCRIPTION. The application for the Solar Farm shall identify the Solar Farm buildings and accessory structures, the time period to construct the Solar Farm, the phasing of construction, if any, and the anticipated useful life of the Solar Farm.
- b. ENVIRONMENTAL SITING CONSIDERATIONS. The applicant shall provide evidence of compliance with applicable State of Michigan statutes including, but not limited to: Part 31, Water Resources Protection, of the Natural Resources and Environmental Protection Act; (MCL 324.3101 et. seq.; Part 91, Soil Erosion and Sedimentation Control (MCL 324.9101 et. seq.) and any corresponding County ordinances; Part 301, Inland Lakes and Streams, (MCL 324.30101 et. seq.); Part 303, Wetlands (MCL 324.30301 et. seq.); Part 365, Endangered Species Protection (MCL 324.36501 et. seq.); and such other applicable laws and rules in force at the time the application is considered by the [\[Township Board\]](#).
- c. SITE PLANS. Site plans shall identify (1) all Zoning Lots in the Solar Farm, and as to each Zoning Lot, existing and proposed (a) buildings, (b) accessory structures, (c) utilities, (d) transmission lines, (e) solar panels, (f) drainage ways, (g) grades, (h) topographical conditions, (i) vegetation (j) regulated wetlands, (k) regulated floodplains, (l) regulated and endangered species, and (m) regulated lakes, streams or ponds; (2) required setbacks; (3) access routes to Zoning Lots that are a part of the Solar Farm; (4) proposed road improvements; (5) any lots within three hundred (300) feet of a large solar energy facility (Solar Farm); (6) proposed transmission lines to and from Power Switchyards and/or between Zon-

ing Lots; (7) proposed signage; and (8) methods for dust and erosion control. All maps and visual representations need to be drawn at an appropriate scale and in accordance with [\[Section 17.05 \(Required Data for Detailed Site Plan\)\]](#).

- d. ENVIRONMENTAL INFORMATION. The applicant shall provide evidence of compliance with the Environmental Siting Conditions as required in this Section.
- e. HAZARDOUS WASTE. As applicable, the application must include plans for the spill prevention, clean-up, and disposal of fuels, oils, and hazardous wastes.
- f. TRANSPORTATION PLAN FOR CONSTRUCTION AND OPERATION PHASES. Proof of an agreement with the County [\[Road Commission/Department of Transportation\]](#), and the Michigan Department of Transportation (if applicable) regarding any construction phase of the project is required.
- g. OTHER REQUIRED STANDARDS. Proof of compliance with the [\[Section 16.06 \(Required Standards and Finding for Making Determination\)\]](#) must also be provided.
- h. DECOMMISSIONING PLAN. Describe the decommissioning and final land reclamation plan to be followed after the anticipated useful life, or abandonment, or termination of the large solar energy facility (Solar Farm), including evidence of proposed commitments with property owners to ensure proper final reclamation of the Solar Farm with seasonal grasses or to an agricultural ready condition if required by the property owner, repairs to roads for damage caused by the Solar Farm, if any, and within twelve (12) months from the notice of abandonment issued by the [\[Township\]](#) to complete decommissioning and land reclamation.

- B. SMALL SOLAR ENERGY FACILITY. Notwithstanding other provisions of this Section of the Ordinance, Small Roof-Mounted or Ground-Mounted Solar Energy Facilities shall be considered a permitted use in all zoning districts as an accessory to a principal use. A Small Solar Energy Facility (as defined in [\[Section 20.01.78.25b\]](#)) shall be required to have appropriate building permits.

- 1. All Small Solar Energy Facilities are subject to the following minimum requirements:
 - a. A small solar energy facility shall provide power for the principal use and/or accessory use of the property on which the small solar energy facility is located and shall not be used for the generation of power for the sale of energy to other users, although this provision shall not be interpreted to prohibit the sale of excess power generated from time to time to the local utility company.
 - b. A small solar energy facility connected to the utility grid shall provide written authorization from the local utility company to [\[Township\]](#) acknowledging and approving such connection.
 - c. A roof-mounted facility may be mounted on a principal building or accessory building. A roof mounted facility, whether mounted on the principal building or accessory building, may not exceed the maximum principal building height or accessory building height specified for the building type in the underlying zoning district. In no instance shall any part of the small solar energy facility extend beyond the edge of the roof.
 - d. A ground mounted facility shall not exceed a height of fourteen (14) feet.

- e. The surface area of a ground mounted facility, regardless of the mounted angle, shall be calculated as part of the overall lot coverage.
- f. A ground mounted facility or facility attached to an accessory building shall not be located within the required front yard setback.
- g. The minimum ground-mounted small solar energy facility setback distance from the property lines shall be equivalent to the principal building setback of the underlying zoning district.
- h. All mechanical equipment associated with and necessary for the operation of the small solar energy facility shall comply with the following:
 - (1) Mechanical equipment shall be screened from any adjacent property that is residentially zoned or used for residential purposes. The screen shall consist of shrubbery, trees, or other non-invasive plant species which provides a visual screen. At least fifty percent (50%) of plants must be evergreen. In lieu of a planting screen, a decorative fence meeting the requirements of [Section 4.12 \(Fences\)](#) and that is at least fifty percent (50%) opaque may be used.
 - (2) Mechanical equipment shall not be located within the minimum front yard setback of the underlying zoning district.
 - (3) Mechanical equipment for ground-mounted facilities shall comply with the setbacks specified for principal structures in the underlying zoning district.
- i. Solar panels shall be placed such that concentrated solar radiation or glare shall not be directed onto nearby properties or roadways.
- j. All power transmission lines from a ground mounted small solar energy facility to any building or other structure shall be located underground.
- k. A small solar energy facility shall not be used to display advertising, including signage, streamers, pennants, spinners, reflectors, ribbons, tinsel, balloons, flags, banners or similar materials. The manufacturers and equipment information, warning, or indication of ownership shall be allowed on any equipment of the solar energy facility provided they comply with the prevailing sign regulations.
- l. The design of the small solar energy facility shall conform to applicable industry standards. A building/zoning permit shall be obtained prior to construction. In the case of a roof-mounted facility, the existing roof structure and the weight of the facility shall be taken into consideration when applying for a small solar energy facility permit.
 All wiring shall comply with the applicable version of Michigan's construction codes. The local utility provider shall be contacted to determine grid interconnection and net metering policies. The Applicant shall submit certificates of design compliance obtained by the equipment manufacturer from a certifying organization and any such design shall be certified by an Engineer registered in the State of Michigan.
- m. The small solar energy facility shall comply with all applicable [Township](#) ordinances and codes so as to ensure the structural integrity of such facility.

- n. Before any construction can commence on any small solar energy facility the property owner must acknowledge that he/she is the responsible party for owning/leasing and maintaining the solar energy facility.
 - 2. If a ground mounted small solar energy facility is removed, any earth disturbance as a result of the removal of the ground mounted facility shall be graded and reseeded.
 - 3. If a small solar energy facility has been abandoned (meaning not having been in operation for a period of six (6) months) or is defective or is deemed to be unsafe by the Building Inspector, the facility shall be required to be repaired by the owner to meet federal, state and local safety standards, or be removed by the property owner within the time period allowed by the Building Inspector. If the owner fails to remove or repair the defective or abandoned small solar energy facility, the Township may pursue a legal action to have the facility removed at the owner's expense.
- C. SOLAR ACCESS. The Township makes no assurance of solar access other than the provisions contained within this Section. The applicant may provide evidence of covenants, easements, or similar documentation for abutting property owners providing access to solar energy for the operation of a solar energy facility.

...

[ARTICLE XX]

DEFINITIONS

...

- [Section 20.01.78.25]. SOLAR ENERGY FACILITY: An energy generating facility consisting of one or more solar panels and associated equipment including, but not limited to:
- a. LARGE SOLAR ENERGY FACILITY (SOLAR FARM). A utility-scale commercial facility that converts sunlight into electricity, whether by photovoltaics (PV) or various experimental solar technologies, for the primary purpose of wholesale or retail sales of generated electricity.
 - b. SMALL SOLAR ENERGY FACILITY. Any photovoltaic or solar hot water devices that is accessory to, and incorporated into the development of an authorized use of the property, and which is designed for the purpose of reducing or meeting on-site energy needs.
 - c. PHOTOVOLTAICS (PV). A technology that converts light directly into electricity.
 - d. POWER SWITCHYARD. The structure needed to tie the solar energy facility to electric transmission lines.
 - e. MEDIUM VOLTAGE CABLE. 34.5 kV lines which provide electricity to homes.

...

- [Section 20.01.91]. ZONING LOT: Provided that the owner(s) of any number of contiguous lots, or contiguous portions of lots, may have as many of said contiguous lots, or contiguous portions of lots, considered as a single lot for the purpose of this Ordinance as he/she so elects, and in such case the outside perimeter of said group of lots or portions of lots shall constitute the front, rear, and side lot lines thereof.

...

Gary Kastel, Supervisor
Natalie Thompson, Clerk
Katy Gust, Treasurer

RIGA TOWNSHIP
Box 25
Riga, Michigan 49276

Karlene Goetz, Trustee
Brenda Delgado, Trustee

RESOLUTION 2018-4
RESOLUTION FOR ADOPTING THE RIGA TOWNSHIP RECREATION PLAN
A FIVE YEAR PARK AND RECREATION PLAN

At a regular meeting of the Board of Riga Township, Lenawee County, Michigan called to order by Supervisor Gary Lee Kastel on February 12, 2018 at 7:00 p.m., the following resolution was offered:

Moved by K. Goetz Supported by B. Delgado

WHEREAS, the Riga Township Planning Commission has undertaken a planning process to determine the recreation and natural resource conservation needs and desires of its residents during a five year period covering the years 2017 through 2022, and

WHEREAS, the Riga Township Planning Commission began the process of developing a community recreation and natural resource conservation plan in accordance with the most recent guidelines developed by the Department of Natural Resources and made available to local communities, and

WHEREAS, residents of Riga Township were provided with a well-advertised opportunity during the development of the draft plan to express opinions, ask questions, and discuss all aspects of the recreation and natural resource conservation plan, and

WHEREAS, the public was given a well-advertised opportunity and reasonable accommodations to review the final draft plan for a period of at least 30 days, and

WHEREAS, a public hearing was held on October 9, 2017 at the Riga Township Hall to provide an opportunity for all residents of the planning area to express opinions, ask questions, and discuss all aspects of the Riga Township Recreation Plan, and

WHEREAS, the Riga Township Planning Commission has developed the plan as a guideline for improving recreation and enhancing natural resource conservation for the Riga Township Board, and

WHEREAS, after the public hearing, the Riga Township Board voted to adopt said Riga Township Recreation Plan,

NOW, THEREFORE BE IT RESOLVED the Riga Township Board hereby adopts the Riga Township Recreation Plan.

Yeas: 5 Nays: 0 Absent: None

I, Natalie Thompson, Township Clerk, do hereby certify that the foregoing is a true and original copy of a resolution adopted by the Riga Township Board at a Regular Meeting thereof

