TUSCOLA COUNTY BOARD OF COMMISSIONERS MEETING AGENDA

THURSDAY, AUGUST 10, 2017 - 8:00 A.M.

H. H. PURDY BUILDING BOARD ROOM 125 W. Lincoln Street Caro, MI

125 W. Lincoln Street Caro, MI 48723 Phone: 989-672-3700 Fax: 989-672-4011

8:00 A.M. Call to Order – Vice-Chairperson Bierlein

Prayer – Retired Lt. Colonel Pastor Curt Lapham of Tuscola Riverside
Assembly of God Church

Pledge of Allegiance - Commissioner Bierlein

Roll Call – Clerk Fetting

Adoption of Agenda

Action on Previous Meeting Minutes (See Correspondence #1)

Brief Public Comment Period for Agenda Items Only Consent Agenda Resolution (See Correspondence #2)

New Business

-Review of 2016 County Audit – Anderson, Tuckey, Bernhardt & Doran

-Solar Energy Presentation – Jason Carr, Cypress Creek Renewables (See Correspondence #3)

-Computer Systems Security Update - County IT Director

-Life and Disability Insurance (See Correspondence #4)

Old Business

Correspondence/Resolutions

COMMISSIONER LIAISON COMMITTEE REPORTS

VAUGHAN

Board of Health
Planning Commission
Economic Development Corp/Brownfield Redevelopment
Local Unit of Government Activity Report
Mid-Michigan Mosquito Control Advisory Committee
Parks and Recreation Commission
Tuscola County Fair Board Liaison

YOUNG

Dispatch Authority Board County Road Commission Liaison Board of Public Works

BOARD AGENDA.....8/10/17.....Page 2

Senior Services Advisory Council
Saginaw Bay Coastal Initiative
Local Unit of Government Activity Report
MAC Agricultural/Tourism Committee
Strategic EDC Planning Committee
Jail Planning Committee
Genesee Shiawassee Thumb Works
Region VI Economic Development Planning
Tuscola 2020

BARDWELL

Economic Development Corp/Brownfield Redevelopment
Caro DDA/TIFA
MAC Finance
MAC 7th District
Local Unit of Government Activity Report
TRIAD
Behavioral Health Systems Board
MAC Workers Comp Board

KIRKPATRICK

Board of Health
Community Corrections Advisory Board
Dept. of Human Services/Medical Care Facility Liaison
MI Renewable Energy Coalition
MEMS All Hazards
MAC Environmental Regulatory – Vice Chair
Cass River Greenways Pathway
Local Unit of Government Activity Report
NACO- Energy, Environment & Land Use
Jail Planning Committee
Saginaw Bay Coastal Initiative
Tuscola In-Sync
Region VI Tourism Discussions

BIERLEIN

Genesee Shiawassee Thumb Works
Human Development Commission (HDC)
Recycling Advisory Committee
Local Emergency Planning Committee (LEPC)
Great Start Collaborative Council
Local Unit of Government Activity Report
MAC Board of Directors
Human Services Collaborative Council
MAC Judiciary Committee
Tuscola County College Access Network
MAC Agricultural/Tourism Committee

BOARD AGENDA.....8/10/17.....Page 3

Other Business as Necessary

Extended Public Comment

Adjournment

Note: If you need accommodations to attend this meeting please notify the Tuscola County Controller/Administrator's Office (989-672-3700) two days in advance of the meeting.

CORRESPONDENCE

- 1. July 27, 2017 Full Board and Statutory Finance Committee Minutes
- 2. Consent Agenda Resolution
- 3. Cypress Creek Renewables Information
- 4. Life and Disability Insurance Quotes
- 5. Denmark Township Medical Marihuana Ordinance
- 6. August 7, 2017 Committee of the Whole Minutes

Draft TUSCOLA COUNTY BOARD OF COMMISSIONERS July 27, 2017 Minutes H. H. Purdy Building

Commissioner Thomas Bardwell called the meeting of the Board of Commissioners of the County of Tuscola, Michigan, held at the H.H. Purdy Building in the City of Caro, Michigan, on the 27th day of July 2017, to order at 8:00 o'clock a.m. local time.

Prayer - Rev. Dr. Jason Garwood, Lead Pastor of Colwood Church, Caro

Pledge of Allegiance – Commissioner Vaughan

Roll Call - Clerk Fetting

Commissioners Present: District 1 - Thomas Young, District 3 - Kim Vaughan, District 4 - Craig Kirkpatrick, District 5 - Matthew Bierlein

Commissioner Absent: District 2 - Thomas Bardwell

Also Present: Mike Hoagland, Clerk Jodi Fetting, Eean Lee, Tisha Jones, Steve Erickson, Vicky Sherry, Mark Putnam, Rev. Dr. Jason Garwood, Register John Bishop, Shelly Lutz, Caryn Painter

Adoption of Agenda -

17-M-129

Motion by Young, seconded by Vaughan to adopt the agenda. Motion Carried.

Action on Previous Meeting Minutes -

17-M-130

Motion by Kirkpatrick, seconded by Young to adopt the meeting minutes from the July 13, 2017 meeting. Motion Carried.

Brief Public Comment Period for Agenda Items Only - None

Consent Agenda Resolution -

17-M-131

Motion by Kirkpatrick, seconded by Young that the following Consent Agenda Resolution from the June 26, 2017 Committee of the Whole Meeting be adopted with Item A removed from the Consent Agenda. Motion Carried.

CONSENT AGENDA

Agenda Reference:

В

Entity Proposing:

COMMITTEE OF THE WHOLE 7/24/17

Description of Matter:

Move that as a result of changes in the Caro Assessing contract the general fund revenue budget be amended and Equalization Department expenditure budgets be amended for staffing changes and other

appropriate line items.

Agenda Reference:

C

Entity Proposing:

COMMITTEE OF THE WHOLE 7/24/17

Description of Matter:

Move that the county hiring freeze be temporarily lifted and authorization is given to add a Network Security Specialist position to the Information Technology Department and the Information Technology Director be authorized to fill said position contingent upon board concurrence of the individual at the July 27, 2017 meeting. Also, the 2017 Computer Operations budget be amended by \$24,654 to fund this new position for the period of August 14, 2017 to December 31, 2017 by increasing the budgeted use of fund balance reserves. Also, approximately \$64,000 be incorporated in the 2018 budget for wage and fringe benefit costs for this new position.

Agenda Reference:

D

Entity Proposing:

COMMITTEE OF THE WHOLE 7/24/17

Description of Matter:

Move that per the request of the County Planning Commission that the planning training budget be increased by \$500 through the use of fund

balance.

Agenda Reference:

E

Entity Proposing:

COMMITTEE OF THE WHOLE 7/24/17

Description of Matter:

Move that the Court Administrator be authorized to purchase a pool car for

probation staff with funds available in the motor pool fund.

Agenda Reference:

Entity Proposing:

COMMITTEE OF THE WHOLE 7/24/17

Description of Matter:

Move that the contract for the grant that will assist in the cost for infrastructure improvements at the new recycling location be approved and all appropriate signatures are authorized. Also, appropriate budget

amendments are authorized.

Agenda Reference:

G

Entity Proposing:

COMMITTEE OF THE WHOLE 7/24/17

Description of Matter:

Move that the contract for the grant that will assist in the cost for recycling education be approved and all appropriate signatures are authorized. Also, appropriate budget amendments are authorized.

Agenda Reference:

A (Item A has been removed from the Consent Agenda)

Entity Proposing:

COMMITTEE OF THE WHOLE 7/24/17

Description of Matter:

Move that Commissioner Young, the Controller/Administrator and the Chief Accountant be appointed as county representatives to the County Indigent Defense Work Group to develop a plan for consideration by the Board of Commissioners before the November 20, 2017 plan submission

deadline.

New Business -

-Economic Development Corporation (EDC) Update - Steve Erickson and Vicky Sherry reviewed some resource material that is available in their office. The Business Plan competition was a success. Steve provided an update with various projects happening within the EDC office. An update regarding Grede Foundry was also provided.

-Network Security Position - After interviews, Tracy Violet has been selected for the position.

17-M-132

Motion by Kirkpatrick, seconded by Young to concur with the hiring of Tracy Violet to the new position of Network Security Specialist as a salaried (Exempt) employee effective August 14, 2017 contingent upon satisfactory physical and background check. Also, the starting rate of pay will be \$40,000 and the following wage/step schedule be implemented:

Step 1 - \$40,000 Step 2 (1 Year) - \$40,800.00 Step 3 (2 Years) - \$41,616.00 Step 4 (3 Years) - \$42,448.32 Step 5 (4 Years) - \$43,297.29

Motion Carried.

-Liquor Control Commission Questions - David Marvin from LARA has contacted Mike Hoagland and Clerk Fetting for assistance. Clerk Fetting provided the 1994 ballot language and the 2010 Board motion. Mike Hoagland has contacted the County attorney to assist in providing the clarification LARA is looking for. Mike Hoagland will continue to work with the attorney. Matter to be placed on the next Board agenda for further discussion or action.

-2017 Mid-Year Financial Review - Mike Hoagland reviewed the county financial position at the midpoint of 2017. It is felt that county finances are trending similar to 2016. A current concern is the lack of revenue growth. Mike Hoagland reviewed many factors that affect the 2017 budget.

-2016 Statistical Dashboard - Mike Hoagland reviewed the dashboard. He will place on the website and forward to Treasury.

-County Indigent Defense Work Group (Item A removed from Consent Agenda) - 17-M-133

Motion by Kirkpatrick, seconded by Young that Commissioner Kirkpatrick, Commissioner Bardwell, the Controller/Administrator and Chief Accountant be appointed as representatives to the County Indigent Defense Work Group to develop a plan for consideration by the Board of Commissioners before the November 20, 2017 plan submission deadline. Motion Carried.

Old Business - None

Correspondence/Resolutions -

-Included in the Board packet: Tuscola County Health Department Monthly Report, Road Commission minutes, Air Advantage Press Release, Tri-County Triage of Ideas meeting notes, Bay County Resolution.

-Tuscola County Farm Bureau Annual Meeting on Thursday, August 17, 2017 at 5:00 p.m. The Meeting will be held at the MSU Saginaw Valley Research and Extension Center.

COMMISSIONER LIAISON COMMITTEE REPORTS

YOUNG

Dispatch Authority Board - Board is discussing options to replace paging system.
County Road Commission Liaison
Board of Public Works
Senior Services Advisory Council
Saginaw Bay Coastal Initiative
Local Unit of Government Activity Report
MAC Agricultural/Tourism Committee
Strategic EDC Planning Committee
Jail Planning Committee
Genesee Shiawassee Thumb Works
Region VI Economic Development Planning
Tuscola 2020 - Update provided on the Thumb Quilt Trail

BARDWELL - absent
Economic Development Corp/Brownfield Redevelopment
Caro DDA/TIFA
MAC Finance
MAC 7th District
Local Unit of Government Activity Report
TRIAD
Behavioral Health Systems Board
MAC Workers Comp Board

KIRKPATRICK

Board of Health
Community Corrections Advisory Board
Dept. of Human Services/Medical Care Facility Liaison - Margot Roedel's retirement celebration is Friday, July 28, 2017.
MI Renewable Energy Coalition
MEMS All Hazards
MAC Environmental Regulatory – Vice Chair
Cass River Greenways Pathway
Local Unit of Government Activity Report
NACO- Energy, Environment & Land Use
Jail Planning Committee
Saginaw Bay Coastal Initiative
Tuscola In-Sync
Region VI Tourism Discussions

BIERLEIN

Genesee Shiawassee Thumb Works

Human Development Commission (HDC) - Update provided on how Tuscola County HDC will be a model center for other HDC offices.

Recycling Advisory Committee

Local Emergency Planning Committee (LEPC)

Great Start Collaborative Council

Local Unit of Government Activity Report

MAC Board of Directors - Commissioner Bierlein will be attending meetings in Washington D.C.

Human Services Collaborative Council - Veteran's Affairs office presented at the meeting.

MAC Judiciary Committee

Tuscola County College Access Network

MAC Agricultural/Tourism Committee

VAUGHAN

Board of Health

Planning Commission

Economic Development Corp/Brownfield Redevelopment

Local Unit of Government Activity Report

Mid-Michigan Mosquito Control Advisory Committee

Parks and Recreation Commission - Meeting today at Vanderbilt Park.

Tuscola County Fair Board Liaison - It is Fair week and attendance seems to be up.

Other Business as Necessary -

-Bay City Times recently had an article regarding wind energy and Mike Hoagland has the article if anyone is interested.

Extended Public Comment - None

Meeting adjourned at 9:40 a.m.

Jodi Fetting Tuscola County Clerk

Statutory Finance Committee Minutes July 27, 2017 H.H. Purdy Building 125 W. Lincoln St, Caro MI

Meeting called to order at 9:41 a.m.

Commissioners Present: Young, Vaughan, Kirkpatrick, Bierlein

Commissioners Absent: Bardwell

Also Present: Mike Hoagland, Clerk Fetting, Tisha Jones

Claims and Per Diems were reviewed and approved.

Public Comment - None

Meeting adjourned at 9:43 a.m.

Jodi Fetting Tuscola County Clerk AM Geographic Chapters by the second of the

security expendent manage on colors of the security

All the state of the second second

property and a special property of the second secon

be are as one has seen

'DRAFT'

COUNTY OF TUSCOLA STATE OF MICHIGAN

RESOLUTION TO ADOPT CONSENT AGENDA

At a regular meeting of the Board of Commissioners of the County of Tuscola, Michigan, held at the H.H. Purdy Building in the Village of Caro, Michigan, on the 10th day of August, 2017 at 8:00 a.m. local time.

COMMISSIONERS PRESENT:	
COMMISSIONERS ABSENT:	
It was moved by Commissionerthat the following Consent Age	and supported by Commissioner enda Resolution be adopted:

CONSENT AGENDA

Agenda Reference:

Α

Entity Proposing:

COMMITTEE OF THE WHOLE 8/7/17

Description of Matter:

Move that the 2017/2018 Child Care Fund Budget including both the Family Court and Department of Health and Human Services divisions as presented at the August 7, 2017 Committee of the Whole meeting be approved and submitted to the state. Also, all

appropriate signatures are authorized.

CONSENT AGENDA.....8/10/17.....Page 2

Agenda Reference:

В

Entity Proposing:

COMMITTEE OF THE WHOLE 8/7/17

Description of Matter:

Move that approval is granted to enter into one-year contracts with two independent contractors through the In-Home Program to provide in home services to children and families that have been referred to the Department of Health and Human Services through abuse and neglect. Also, said contracts are authorized for

signature.

Agenda Reference:

C

Entity Proposing:

COMMITTEE OF THE WHOLE 8/7/17

Description of Matter:

Move that approval is granted for the Family Court to enter into a one-year contract for a maximum amount of \$30,000 (50% reimbursable from the State Child Care Fund monies) to provide services to parent and youth support groups to keep youth out of residential/detention with said contract to be led by a Master's Level or above therapist. Also, said contracts are authorized for

signature.

Agenda Reference:

D

Entity Proposing:

COMMITTEE OF THE WHOLE 8/7/17

Description of Matter:

Move that the county attorney be authorized to send to the Liquor Control Commission to ask if the planned action in the August 3, 2017 communication will clarify the county position regarding Sunday sale of spirits and mixed drinks and beer/wine.

(Clarifying language to be sent to Liquor Control Commission for review)

1. The sale of spirits and mixed drinks for consumption off the premises shall be prohibited between the hours of 7 a.m. on Sunday and 2 a.m. on Monday in retail establishment licensed under the Michigan liquor control code of 1998 within the County of Tuscola under the provisions of the law governing the sale of spirits and mixed drinks for

consumption.

2. The sale of beer and wine within the County of Tuscola for consumption off the premises shall be prohibited between the hours of 7 a.m. and 12 noon on Sunday.

Agenda Reference:

Ε

Entity Proposing:

COMMITTEE OF THE WHOLE 8/7/17

Description of Matter:

Move that the 2016 Medical Examiner annual report as presented

by Dr. Bush be received and placed on file.

Agenda Reference:

F

Entity Proposing:

COMMITTEE OF THE WHOLE 8/7/17

Description of Matter:

Move that the 2017 overall general fund budget be amended and an overtime account with \$4,000 be established in the Equalization

Budget.

Agenda Reference:

G

Entity Proposing:

COMMITTEE OF THE WHOLE 8/7/17

Description of Matter:

Move that authorization is given to lease a Bobcat through the Michigan "MiDeal" program for the county Recycling Operation for 24 months with an option to purchase at the end of the lease period. All costs to be paid from the county recycling fund. Also, all appropriate signatures are authorized.

IT IS FURTHER RESOLVED that any motion, resolution, or other act of Tuscola County inconsistent with this Resolution is hereby rescinded, modified, replaced or superseded by this Resolution.

	odi Fetting ola County Clerk
RESOLUTION ADOPTED.	
ABSTENTIONS:	
YEAS: NAYS:	
CONSENT AGENDA8/10/1/Page 4	

mhoagland@tuscolacounty.org

From:

Jason Carr <carr@ccrenew.com>

Sent:

Friday, June 30, 2017 3:26 PM

To:

mhoagland@tuscolacounty.org

Subject:

Solar Presentation

Mr. Hoagland,

Thanks for taking the time to meet with me earlier this month about possible solar development in Tuscola County.

We'll be back in the area the week of August 7th so we'd be available to present before the board of commissioners on **Thursday, August 10th**. Would 30 minutes be OK? That would give us time to provide a short presentation and then allow for questions.

Please confirm if this works with your meeting schedule.

Best regards,

Jason Carr

Director of Community Relations Cypress Creek Renewables 2660 NE Hwy 20, Suite 610 #30 Bend, OR 97701 (541) 233-9692 carr@ccrenew.com

n abbu ser natorikanos el mu MPSA — Britis de la la per grandalesta la ser Rebresi el

the control of the co

et de parental de la composition de la proposition de la composition de la parental de la composition de la co La composition de la

Solar Farm Development & Operation

TECHNICAL OVERVIEW

Solar photovoltaic technology is neither new nor experimental. Although the industry has made gradual improvements over the decades, the materials and technology we use today have changed little in the last 50 years.

"Photovoltaic," commonly abbreviated as PV, is simply the technical term for converting the sun's light into useable electric current.

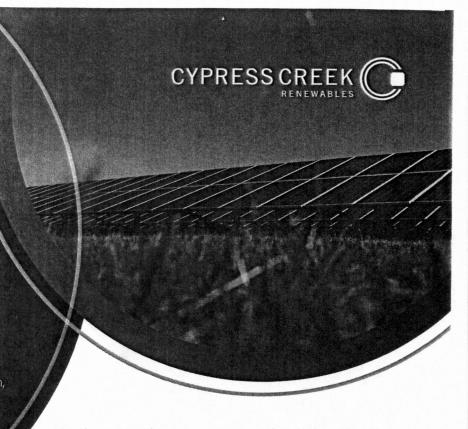
Solar facilities, often referred to as "solar farms," passively capture naturally occurring sunlight and convert it to clean, renewable energy on a scale large enough to supply electricity for daily living in our homes, businesses and schools. Each solar farm is a collection of thousands of solar panels arranged to gather maximum amounts of sunlight during the day. The panels are linked to inverters and transformers that convert the sunlight into useable electricity, which is then transferred to the existing electrical grid.

Equipment and Construction

Solar facilities are simple constructions that employ the following basic equipment:

- Solar PV panels
- Inverters
- Transformers
- Wires and conductor cables
- Structural racking system for PV modules
- Perimeter fencing

Most sites require minimal grading, and an entire facility can often be installed with minimal soil disturbance. Structural frames (called racks) are driven into the ground with steel beams (called piles), on which PV panels are mounted. The inverters and transformers, which receive the power from the solar panels, are mounted on top of concrete pads.



The electricity-making process starts with sunlight striking the solar panels. The energy from this action is converted into low-voltage DC electricity. This low-voltage DC electricity is fed into the inverters where it is converted into low-voltage AC electricity, which is then fed into the transformers where the electricity is converted into medium-voltage AC electricity. The medium-voltage electricity is connected to the grid through underground cables.

Solar Panel Technology

Cypress Creek Renewables uses several solar PV panel technologies: Crystalline Silicon (C-Si) and Thin Film (TF). Each type of technology uses slightly different materials, work identically, and are of similar construction.

Crystalline Silicon modules are produced by sourcing extremely high quality, pure silicon or quartz. The silicon is heated until it melts, after which a crystal is grown from a source ingot. The silicon crystal is sliced into thin wafers, mounted onto a durable backing material, and encapsulated by tempered glass and an aluminum frame. Thin-film solar modules are made by depositing thin film photovoltaic materials into crystalline layers that are bonded to tempered glass, after which the module is encapsulated by the aluminum frame.

Once finished, the solar PV panels function as an solid state, inert crystal composed of non-toxic materials, most similar to a pane of solid glass. The solar panels are expected to work upwards of 40 years before they are recycled to recover the valuable materials contained inside. There are no chemicals, fluids, or materials that are capable of entering the environment.



Audibility

The facility's inverters and transformers produce a sound when operating during peak power production times of day, typically between 10am-2pm. At 150 feet, this sound is inaudible above natural ambient noise in rural areas. The sound created by the inverter during peak power production is typically in the low-range of 65 decibels at a distance of 30 feet—the equivalent of the sound created during normal conversation. The rest of the facility's equipment does not produce any audible sound and no sound is produced at night.

Source: Massachusetts Clean Energy Center. (2012). Study of acoustic and EMF levels from solar photovoltaic projects. Boston, MA.

Glare

Solar panels are designed to absorb light from the visible spectrum, not to reflect it, although some upward reflection does occur. To assist light absorption, each PV panel is treated with an anti-reflective coating. Naturally occurring ponds and streams, snow, and even certain kinds of soil and vegetation are similarly reflective. In fact, the sunlight that is reflected away from solar panels produces the same amount of glare as a flat pond or lake.

Additionally, the solar panels are mounted at an angle that allows for the most light to be absorbed throughout the year, which results in the panels facing the sky at shallow angles (typically less than 25 degrees). As a result, what little light is reflected is not visible to ground-level observers.

All solar farms are required to be approved by the FAA as potential glare hazards for aviators. To date, no PV array has been deemed a glare hazard. In fact there are a significant number of PV power plants built next to highways and around airports.

Source: Riley, E. & Olson, S. (2011). A study of the hazardous glare potential to aviators from utility-scale flat-plate photovoltaic systems. ISRN Renewable Energy, 2011. http://dx.doi.org/10.5402/2011/651857

Electro-Magnetic Fields (EMF)

The International Commission on Non-lonizing Radiation Protection has established 833 milli-Gauss (mG) as the limit for prolonged exposure to electro-magnetic fields. The inverter is the strongest source of magnetic fields in the solar facility with levels varying from 150-500 mG at a distance of one to two feet. As an unmanned facility, prolonged exposure is never an issue. At 150 feet, the inverter's magnetic field levels drop below 0.5 mG or less, often falling to the background level of earth's magnetic field of 0.2 mG.

No other solar PV component emits EMFs that are measureable above the earth's magnetic field. There are no EMFs emitted at night.

Source: Massachusetts Clean Energy Center. (2012). Study of acoustic and EMF levels from solar photovoltaic projects. Boston, MA.



Soil Protection

Minimal ground disturbance only occurs during the short (6 to 12 week) construction period. Heavy equipment and traffic is restricted to perimeter roads, which comprise less than 0.03 percent of the site area during construction. To further protect against erosion, most roads on the site are re-seeded with vegetation after construction unless otherwise required by the soil conditions or indicated by the jurisdiction.

A detailed erosion and sedimentation control plan is developed for every project so that water-borne runoff is prevented from entering the surrounding environment. Control measures typically include straw bales, hay coil logs, run-off channels, silt fencing, and sediment basins. Once constructed, natural vegetative growth is encouraged within the facility to prevent erosion, and the areas where panels are located are not considered impervious.

Dust and Weed Control

During construction, dust levels are kept to a minimum by limiting heavy equipment and traffic to designated perimeter roads and points of site entry. During dry seasons, roads are regularly kept wet to reduce dust. Wet seasons naturally keep dust levels down.

To minimize the encroachment of weeds following construction native grass is planted across the site. The grounds are watered as needed, and weeds are removed during regular maintenance activities.

Source: National Renewable Energy Laboratory. (2013). Overview of opportunities for co-location of solar energy technologies and vegetation (Report No. DE-AC36-08GO28308). Golden, CO.

Wildlife Protection

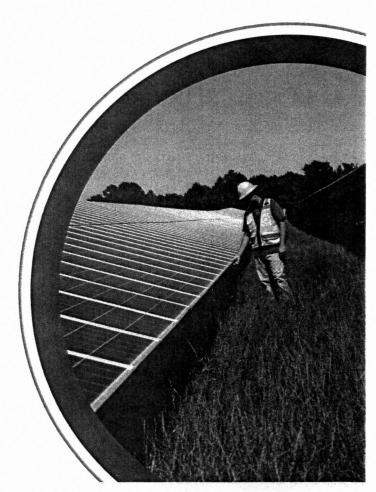
In most cases, wildlife is protected by using perimeter fencing and barbed wire to prevent access for large mammals, such as deer. Large animals are kept out of the site because they can interfere with equipment, damage wiring, or injure themselves. In cases when barbed wire is not used, perimeter fence height is increased.

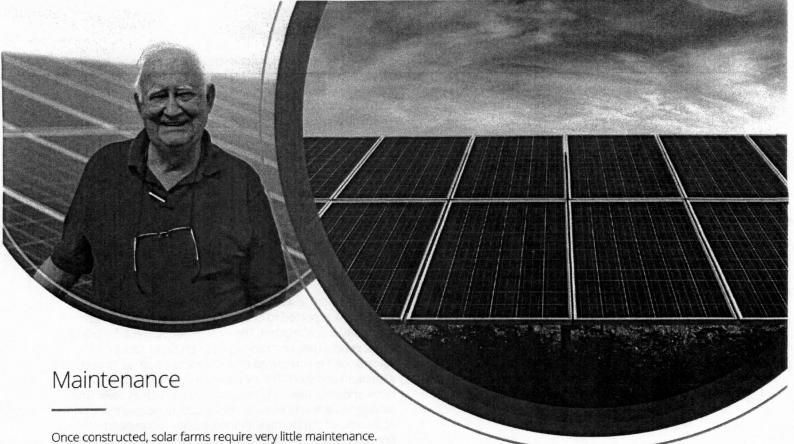
Smaller animals, such as squirrels and birds, are allowed to pass throughout the facility following construction. The environment in the solar facility is often conducive to a wildlife habitat because of its natural vegetation, significant amount of shade and relative lack of human disruption. Wildlife access to electrical equipment is prevented with conduit protection for wires and foam sealing at all equipment entry points.

Source: Turney, D. & Fthenakis, V. (2011). Environmental impacts from the installation and operation of large-scale solar power plants. Renewable and Sustainable Energy Review, 15, 3261-3270.

Decommissioning

Decommissioning and dismantling of the solar PV power plant is not expected to occur until over thirty years after the facility is constructed. The system's equipment, including wires, conductors, and racking, has significant salvage value since it is comprised of useful metals such as copper, aluminum and steel. The PV panels are valuable for their semiconductor materials and rare metals such as silver. The salvage value meets or exceeds the cost of decommissioning. At the end of the facilities' lifetime, a solar reclamation firm will collect the modules for recycling, the inverters for refurbishing, and the hardware for salvage. The land is then reseeded with a local seed mix and can be repurposed for agriculture or other uses.





Once constructed, solar farms require very little maintenance. As such, there is no need to build travel infrastructure to accommodate traffic. Electrical engineers will service the inverters and transformers on average once per quarter. Solar PV panels have a very low failure rate (approximately 1 in 10,000 per year), and are easily replaced from inventory stores.

The panels require no on-site water or chemicals to keep clean. Natural weather conditions, such as snow and rain, occur with enough frequency and quantity to naturally keep the panels clean.

Grass is kept under control by mowing and weeds may be spot sprayed if necessary. In some regions, sheep grazing within the facility are used to control vegetation. Sites are maintained approximately 5-9 times per year during the growing season, depending on location.

Source: National Rural Electric Cooperative Association. (2015). Cooperative utility PV manual.

Safety

Solar facilities do not generate more than one to three vehicle visits per quarter on average, making them insignificant traffic generators that do not create safety issues for the surrounding road networks. By contrast, the national average for single family homes is 9.5 vehicle trips per day.

Additionally, solar PV power plants are constructed according to all required building and electrical codes and safety measures. Site plans are approved by local authorities, and regularly visited throughout construction as required by local ordinance or state building code. Interconnection agreements are carried out as specified by the local utility. Energized system components, such as inverters, are commissioned by the manufacturers' technicians. Solar facilities employ required lock-out measures and safety warnings. A perimeter security fence prevents trespassing and vandalism.

The regular vegetation control methods prevent buildup of debris that could otherwise pose risk of fire material. As such, solar PV facilities pose no increased risk of fires to the surrounding areas.

Sources: Jeff Court. (2014). Photovoltaic solar safety management for utilities. Incident Prevention Magazine, November 2014.

National Fire Prevention Agency. (2015). National electric code (pp. 690.1-91, 370.1-120, 376.1-120, 408.1-58, 450.1-48, 480, 490.1-74, 705.1-135, 728, 750). Quincy, MA: National Fire Prevention Agency.





1605 Concentric Blvd., Suite #1, Saginaw, MI 48604 ~ Phone: 989-249-5960 ~ FAX: 989-249-5966

July 13, 2017

Mr. Michael Hoagland, County Controller Tuscola County 207 E. Grant Street Caro, MI 48723

Life and Disability Insurance Proposals (RFP)

Dear Mr. Hoagland,

Re:

Brown and Brown was asked to conduct a request for proposals for your life and disability insurance as your three year rate guarantee with Cigna expires on August 31, 2017. Included in this letter are the following:

- Page 2-3 is a financial analysis of the proposals received for this RFP. The carrier that came in with the lowest
 quote is Cigna (current vendor) with benefits matching your existing contract. They are offering a two year
 renewal with no change (no increase) in cost. The next lowest is the Standard which will cost about \$5,700
 annually over your current contract. Standard did include a three year rate guarantee. Please note that
 Nationwide and Allstate did not provide quotes for your disability.
- Page 4 shows the AM Best Rating and quote status for each carrier solicited.
- Pages 5-6 contain the Compensation Disclosure and Benefit Proposal Disclaimers.

If you make the decision to move forward with changing carriers, Brown and Brown will begin the transition process upon notification.

We remain committed to giving you the highest level of service and look forward to working with you during the coming year. Please feel free to contact me if you have any questions.

Sincerely,

Daniel Skiver

Vice President, Brown and Brown of Central Michigan

C: Angela Garner, Brown and Brown

Page | 1

Tuscola County Life, AD&D and LTD Quotes September 1. 2017

Life Volume Schmusi Schmusi Schmusi Schmusi Schmusi State Guarantee Tate Annusi State Guarantee STD Monthly Annusi State Guarantee STD Monthly Schmusi State Guarantee STD Monthly Schmusi State Guarantee Sta	THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS N									
Rate Monthly Annual te Guarantee Monthly Annual Rate Monthly Annual Rate Monthly Annual te Guarantee Monthly Monthly Annual	Cigna Current	Cigna Renewal	Standard	Lincoln	MetLife	Hartford	Aetna	BCBS	Nationwide	Allstate
Rate Monthly Annual te Guarantee Rate Nolume Monthly Monthly Annual te Guarantee Rate Volume Nolume Nolume Nolume Nolume Annual te Guarantee Annual te Guarantee Annual	\$0.170 \$4,380,000 \$744.60 \$8,935.70	\$0.170 \$4,380,000 \$744.60 \$8.935.20	\$0.100 \$4,380,000 \$438.00 \$5,7500	\$0.105 \$4,380,000 \$459.90 \$4 518.80	\$0.129 \$4,380,000 \$565.02	\$0.110 \$4,380,000 \$481.80	\$0.190 \$4,380,000 \$832.20	\$0.170 \$4,380,000 \$744.60	\$0.137 \$4,380,000 \$600.06	\$0.142 \$4,380,000 \$621.96
Annual Rate Volume Monthly Annual te Guarantee Rate Volume Wonthly Annual te Guarantee	\$0.015 \$4,380,000 \$65.70 \$788.40	\$0.015 \$4,380,000 \$65.70 \$788.40	\$0.030 \$4,380,000 \$131.40 \$1.576.80	\$0.020 \$4,380,000 \$87.60	\$0.028 \$4,380,000 \$122.64	\$0.027 \$4,380,000 \$118.26	\$0.030 \$4,380,000 \$131.40	\$0.015 \$4,380,000 \$65.70	\$0.030 \$4,380,000 \$131.40	\$0.025 \$4,380,000 \$109.50
Rate Volume Monthly Annual te Guarantee Rate Volume Wonthly Monthly Monthly Annual te Guarantee	12 Months \$9,723.60	24 Months \$9,723.60		24 Months \$6,570.00	24 Months \$8,251.92	24 Months \$7,200.72	24 Months \$11,563.20	24 Months \$9,723.60	24 Months \$8,777.52	24 Months \$8,777.52
Rate Rate Volume Monthly Monthly Annual	\$0.430 \$70,695 \$3,039.89 \$36,478.62	\$0.430 \$70,695 \$3,039.89 \$36,478.62	\$0.510 \$70,695 \$3,605.45 \$43,265.34	\$0.670 \$70,695 \$4,736.57 \$56,838.78	\$0.662 \$70,695 \$4,680.01 \$56,160.11	\$0.735 \$70,695 \$5,196.08 \$5,352.99	\$0.680 \$70,695 \$4,807.26 \$57.687.12	\$0.764 \$70,695 \$5,401.10 \$64.813.18	\$70,695	\$70,695
Rate Volume Volume Monthly Monthly Annual te Guarantee	12 Months \$36,478.62	24 Months \$36,478.62	24 Months \$43,265.34	24 Months \$56,838.78	12 Months \$56,160.11	24 Months \$62,352.99	24 Months \$57,687.12	24 Months \$64,813.18	\$0.00	\$0.00
te Guarantee	\$0.290 \$459,485 \$1,332.51 \$15,990.08	\$0.290 \$459,485 \$1,332.51 \$1,590.08	\$0.330 \$459,485 \$1,516.30 \$18 195,61	\$0.170 \$459,485 \$781.12	\$0.293 \$459,485 \$1,346.29 \$16,155,49	\$0.300 \$459,485 \$1,378.46 \$1,541.46	\$0.420 \$459,485 \$1,929.84	\$0.335 \$459,485 \$1,539.27	\$0.523 \$459,485 \$2,403.11	\$459,485 \$0.00
	12 Months \$15,990.08	24 Months \$15,990.08	24 Months \$18,195,61	24 Months \$9,373.49	24 Months \$16,155.49	24 Months \$16,541.46	24 Months \$23,158.04	24 Months \$18,471.30	24 Months \$28,837.28	\$0.00
Rate Volume Monthly Annual	\$0.890 \$27,972 \$248.95 \$2,987.41	\$0.890 \$27,972 \$248.95 \$2,987.41	\$0.790 \$27,972 \$220.98 \$2,651.75	\$0.690 \$27,972 \$193.01 \$2,316.08	\$0.962 \$27,972 \$269.09 \$3,229.09	\$1.150 \$27,972 \$321.68 \$3,860.14	\$0.420 \$27,972 \$117.48 \$1,409.79	\$0.890 \$27,972 \$248.95 \$2,987.41	\$0.523 \$27,972 \$146.29 \$1,755.52	\$27,972 \$0.00 \$0.00
Rate Guarantee 11: LTD Annual \$	12 Months \$2,987.41	24 Months \$2,987.41	36 Months \$2,651.75	24 Months \$2,316.08	24 Months \$3,229.09	24 Months \$3,860.14	24 Months \$1,409.79	24 Months \$2,987.41	24 Months \$1,755.52	\$0.00
Projected Annual Cost \$6 Savings/(Loss) Percent Savings/(Loss)	\$65,179.71	\$65,179.71 \$0.00 0.00%	\$70,945.49 (\$5,765.78) -8.85%	\$75,098.36 (\$9,918.65) -15.22%	\$83,796.61 (\$18,616.90) -28.56%	\$89,955.31 (\$24,775.60) -38.01%	\$93,818.15 (\$28,638.45) -43.94%	\$95,995.48 (\$30,815.78)	\$39,370.32 (\$10,669.23) -37.17%	\$8,777.52 \$946.08 1.45%
Rank	N/A	N/A	1	2	æ	4	8	9	#N/A	N/A

Tuscola County
Additional Life / AD&D Quotes for September 1, 2017

	Cigna Cu	rrent	Cigna R	enewal	Stand	lard	Linco	oln	Meti	.ife	Hartf	ord
	Employee	Spouse	Employee	Spouse	Employee	Spouse	Employee	Spouse	Employee	Spouse	Employee	Spouse
	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate
Age	per \$1,0		per \$1		per \$1		per \$1,		per \$1	12702012022	per \$1	
0-24		0.064	0.073	0.064	0.073	0.064	0.073	0.073	0.084	0.084	0.073	0.064
25-29	0.084	0.073	0.084	0.073	0.084	0.073	0.084	0.084	0.084	0.084	0.084	0.073
30-34	0.105	0.091	0.105	0.091	0.105	0.091	0.105	0.105	0.105	0.105	0.105	0.091
35-39	0.150	0.133	0.150	0.133	0.150	0.133	0.150	0.150	0.150	0.150	0.150	0.133
40-44	0.210	0.190	0.210	0.190	0.210	0.190	0.210	0.210	0.210	0.210	0.210	0.190
45-49	0.340	0.298	0.340	0.298	0.340	0.298	0.340	0.340	0.340	0.340	0.340	0.298
50-54	0.540	0.466	0.540	0.466	0.540	0.466	0.540	0.540	0.540	0.540	0.540	0.466
55-59	0.800	0.715	0.800	0.715	0.800	0.715	0.800	0.800	0.800	0.800	0.800	0.715
60-64	1.290	1.220	1.290	1.220	1.290	1.220	1.290	1.290	1.290	1.290	1.290	1.220
65-69	2.250	2.000	2.250	2.000	2.250	2.000	2.250	2.250	2.250	2.250	2.250	2.000
70-74	4.020	4.020	4.020	4.020	7.870	7.870	4.020	4.020	4.020	4.020	4.020	4.020
75+	7.870	7.870	7.870	7.870	7.870	7.870	7.870	7.870	4.020	4.020	7.870	7.870
	AD&D Rate p	er\$1 000	AD&D Rate	ner \$1 000	AD&D Rate	ner \$1,000	AD&D Rate p	ner \$1 000	AD&D Rate	ner \$1 000	AD&D Rate	ner \$1,000
	\$0.03	and the same of the same of	\$0.0	CHARLES OF STREET STREET, STRE	\$0.0	SOZINTO DE PARTEZA SERVIZA DE CANTO DE CANTO	\$0.03		\$0.029 / \$0.0	The second secon	\$0.0	AND DESCRIPTION OF THE PARTY OF
	Dep. Life Rate	PROCESSES PROFESSION CONTRACTOR C	ken conservation recommended	SECULIAR DESCRIPTION OF SECULIAR DESCRIPTION OF SECULIAR DESCRIPTION OF SECULIAR DESCRIPTION OF SECURIAR DESCRIPTION OF SECURI	Dep Life Rate		Dep. Life Rate	INDUSTRIBUTE OF THE PROPERTY O	Dep Life Rate \$0.2	The same of the sa	Dep Life Rate \$0.0	Contraction of the Contraction o
	\$0.39	8	\$0.3	98	\$0.2	00 1	\$0.40	00	\$0.2	40	\$0.0	00
		-		-					DATE OF THE OWNER, WHEN THE PARTY OF THE PAR	A STATE OF THE PARTY	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN	ALIGN THE PARTY OF
	Aetn	The same of the same of	ВСЕ	SECTION AND DESIGNATION OF THE PERSON OF THE	Nation	and the same of the same of	Allsta	A STATE OF THE PARTY OF THE PAR		Af	MININE WALL TO BE A TOTAL OF THE PARTY OF TH	
	Employee	Spouse	Employee	Spouse	Employee	Spouse	Non-	Smoker	Employee	Spouse	Employee	Spouse
	Employee Rate	Spouse Rate	Employee Rate	Spouse Rate	Employee Rate	Spouse Rate	Non- Smoker	Smoker Rate	Rate	Spouse Rate	Employee Rate	Rate
Age	Employee Rate per \$1,0	Spouse Rate 000	Employee Rate per \$1	Spouse Rate ,000	Employee Rate per \$1,	Spouse Rate ,000	Non- Smoker per \$1,	Smoker Rate 000	Rate per \$10	Spouse Rate ,000*	Employee Rate per \$10,	Rate ,000*
0-24	Employee Rate per \$1,0 0.066	Spouse Rate 000 0.043	Employee Rate per \$1 0.073	Spouse Rate ,000 0.064	Employee Rate per \$1,	Spouse Rate ,000 0.073	Non- Smoker per \$1, 0.078	Smoker Rate 000 0.145	Rate per \$10, 0.544	Spouse Rate ,000* 0.377	Rate per \$10,	Rate ,000* 0.202
0-24 25-29	Employee Rate per \$1,0 0.066 0.071	Spouse Rate 000 0.043 0.045	Employee Rate per \$1 0.073 0.084	Spouse Rate ,000 0.064 0.073	Employee Rate per \$1, 0.084 0.084	Spouse Rate ,000 0.073 0.073	Non- Smoker per \$1, 0.078 0.078	Smoker Rate 000 0.145 0.145	Rate per \$10, 0.544 0.544	Spouse Rate ,000* 0.377 0.377	Employee Rate per \$10, 0.369 0.369	Rate ,000* 0.202 0.202
0-24 25-29 30-34	Employee Rate per \$1,0 0.066 0.071 0.070	Spouse Rate 000 0.043 0.045 0.076	Employee Rate per \$1 0.073 0.084 0.105	Spouse Rate ,000 0.064 0.073 0.091	Employee Rate per \$1, 0.084 0.084 0.105	Spouse Rate ,000 0.073 0.073 0.091	Non- Smoker per \$1, 0.078 0.078 0.087	Smoker Rate 000 0.145 0.145 0.164	Rate per \$10, 0.544 0.544 0.544	Spouse Rate ,000* 0.377 0.377	Employee Rate per \$10, 0.369 0.369 0.369	Rate ,000* 0.202 0.202 0.202
0-24 25-29 30-34 35-39	Employee Rate per \$1,0 0.066 0.071 0.070 0.107	Spouse Rate 000 0.043 0.045 0.076 0.105	Employee Rate per \$1 0.073 0.084 0.105 0.150	Spouse Rate ,000 0.064 0.073 0.091 0.133	Employee Rate per \$1, 0.084 0.084 0.105 0.150	Spouse Rate .000 0.073 0.073 0.091 0.133	Non- Smoker per \$1, 0.078 0.078 0.087 0.117	Smoker Rate 000 0.145 0.145 0.164 0.233	Rate per \$10, 0.544 0.544 0.544 0.653	Spouse Rate ,000* 0.377 0.377 0.377 0.486	Employee Rate per \$10, 0.369 0.369 0.369 0.417	Rate ,000* 0.202 0.202 0.202 0.250
0-24 25-29 30-34 35-39 40-44	Employee Rate	Spouse Rate 000 0.043 0.045 0.076 0.105 0.162	Employee Rate per \$1 0.073 0.084 0.105 0.150 0.210	Spouse Rate ,000 0.064 0.073 0.091 0.133 0.190	Employee Rate per \$1, 0.084 0.084 0.105 0.150 0.210	Spouse Rate .000 0.073 0.073 0.091 0.133 0.190	Non- Smoker per \$1, 0.078 0.078 0.087 0.117 0.169	Smoker Rate 000 0.145 0.145 0.164 0.233 0.350	Rate per \$10, 0.544 0.544 0.544 0.653 0.653	Spouse Rate ,000* 0.377 0.377 0.377 0.486 0.486	Employee Rate per \$10, 0.369 0.369 0.369 0.417 0.417	Rate ,000* 0.202 0.202 0.202 0.250 0.250
0-24 25-29 30-34 35-39 40-44 45-49	Employee Rate per \$1,0 0.066 0.071 0.070 0.107 0.143 0.238	Spouse Rate 000 0.043 0.045 0.076 0.105 0.162 0.231	Employee Rate per \$1 0.073 0.084 0.105 0.150 0.210 0.340	Spouse Rate ,000 0.064 0.073 0.091 0.133 0.190 0.298	Employee Rate per \$1, 0.084 0.084 0.105 0.150 0.210 0.340	Spouse Rate ,000 0.073 0.073 0.091 0.133 0.190 0.298	Non- Smoker per \$1, 0.078 0.078 0.087 0.117 0.169 0.277	Smoker Rate 000 0.145 0.145 0.164 0.233 0.350 0.564	Rate per \$10, 0.544 0.544 0.544 0.653 0.653 1.123	Spouse Rate ,000* 0.377 0.377 0.486 0.486 0.956	Employee Rate per \$10, 0.369 0.369 0.369 0.417 0.417 0.641	Rate ,000* 0.202 0.202 0.202 0.250 0.250 0.474
0-24 25-29 30-34 35-39 40-44 45-49 50-54	Employee Rate per \$1,0 0.066 0.071 0.070 0.107 0.143 0.238 0.349	Spouse Rate 000 0.043 0.045 0.076 0.105 0.162 0.231 0.412	Employee Rate per \$1 0.073 0.084 0.105 0.150 0.210 0.340 0.540	Spouse Rate ,000 0.064 0.073 0.091 0.133 0.190 0.298 0.466	Employee Rate per \$1, 0.084 0.084 0.105 0.150 0.210 0.340 0.540	Spouse Rate ,000 0.073 0.073 0.091 0.133 0.190 0.298 0.466	Non- Smoker per \$1, 0.078 0.078 0.087 0.117 0.169 0.277 0.411	Smoker Rate 000 0.145 0.145 0.164 0.233 0.350 0.564 0.833	Rate per \$10, 0.544 0.544 0.544 0.653 0.653 1.123 1.123	Spouse Rate ,000* 0.377 0.377 0.486 0.486 0.956	Employee Rate per \$10, 0.369 0.369 0.369 0.417 0.417 0.641 0.641	Rate ,000* 0.202 0.202 0.202 0.250 0.250 0.474 0.474
0-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59	Employee Rate per \$1,0 0.066 0.071 0.070 0.107 0.143 0.238 0.349 0.526	Spouse Rate 000 0.043 0.045 0.076 0.105 0.162 0.231 0.412 0.601	Employee Rate per \$1 0.073 0.084 0.105 0.150 0.210 0.340 0.540 0.800	Spouse Rate ,000 0.064 0.073 0.091 0.133 0.190 0.298 0.466 0.715	Employee Rate per \$1, 0.084 0.084 0.105 0.150 0.210 0.340 0.540 0.800	Spouse Rate ,000 0.073 0.073 0.091 0.133 0.190 0.298 0.466 0.715	Non- Smoker per \$1, 0.078 0.078 0.087 0.117 0.169 0.277 0.411 0.736	Smoker Rate 000 0.145 0.145 0.164 0.233 0.350 0.564 0.833 1.461	Rate per \$10, 0.544 0.544 0.544 0.653 0.653 1.123 1.123 2.073	Spouse Rate ,000* 0.377 0.377 0.486 0.486 0.956 0.956	Employee Rate per \$10, 0.369 0.369 0.369 0.417 0.417 0.641 0.641 1.070	Rate ,000* 0.202 0.202 0.202 0.250 0.250 0.474 0.474 0.853
0-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64	Employee Rate per \$1,0 0.066 0.071 0.070 0.107 0.143 0.238 0.349 0.526 0.641	Spouse Rate 000 0.043 0.045 0.076 0.105 0.162 0.231 0.412 0.601 0.700	Employee Rate per \$1 0.073 0.084 0.105 0.150 0.210 0.340 0.540 0.800 1.290	Spouse Rate ,000 0.064 0.073 0.091 0.133 0.190 0.298 0.466 0.715 1.220	Employee Rate per \$1, 0.084 0.084 0.105 0.150 0.210 0.340 0.540 0.800 1.290	Spouse Rate .000 0.073 0.073 0.091 0.133 0.190 0.298 0.466 0.715 1.220	Non- Smoker per \$1, 0.078 0.078 0.087 0.117 0.169 0.277 0.411 0.736 1.213	Smoker Rate 000 0.145 0.145 0.164 0.233 0.350 0.564 0.833 1.461 2.426	Rate per \$10, 0.544 0.544 0.544 0.653 0.653 1.123 1.123 2.073 2.073	Spouse Rate ,000* 0.377 0.377 0.486 0.486 0.956 0.956 1.798 1.798	Employee Rate per \$10, 0.369 0.369 0.369 0.417 0.417 0.641 0.641 1.070 1.070	Rate ,000* 0.202 0.202 0.250 0.250 0.250 0.474 0.474 0.853 0.853
0-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69	Employee Rate per \$1,0 0.066 0.071 0.070 0.107 0.143 0.238 0.349 0.526 0.641 1.401	Spouse Rate 000 0.043 0.045 0.076 0.105 0.162 0.231 0.412 0.601 0.700 1.111	Employee Rate per \$1 0.073 0.084 0.105 0.150 0.210 0.340 0.540 0.800 1.290 2.250	Spouse Rate ,0000 0.064 0.073 0.091 0.133 0.190 0.298 0.466 0.715 1.220 2.000	Employee Rate per \$1, 0.084 0.084 0.105 0.150 0.210 0.340 0.540 0.800 1.290 2.250	Spouse Rate .000 0.073 0.073 0.091 0.133 0.190 0.298 0.466 0.715 1.220 2.000	Non- Smoker per \$1, 0.078 0.078 0.087 0.117 0.169 0.277 0.411 0.736 1.213 2.194	Smoker Rate 000 0.145 0.145 0.164 0.233 0.350 0.564 0.833 1.461 2.426 4.402	Rate per \$10, 0.544 0.544 0.544 0.653 0.653 1.123 1.123 2.073 2.073 3.959	Spouse Rate ,000* 0.377 0.377 0.486 0.486 0.956 0.956 1.798 1.798 3.793	Employee Rate per \$10, 0.369 0.369 0.369 0.417 0.417 0.641 0.641 1.070 1.070 1.886	Rate ,000* 0.202 0.202 0.250 0.250 0.474 0.474 0.853 0.853 1.719
0-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74	Employee Rate per \$1,0 0.066 0.071 0.070 0.107 0.143 0.238 0.349 0.526 0.641 1.401 2.006	Spouse Rate 000 0.043 0.045 0.076 0.105 0.162 0.231 0.412 0.601 0.700 1.111 2.020	Employee Rate per \$1 0.073 0.084 0.105 0.150 0.210 0.340 0.540 0.800 1.290 2.250 4.020	Spouse Rate ,0000 0.064 0.073 0.091 0.133 0.190 0.298 0.466 0.715 1.220 2.000 4.020	Employee Rate per \$1, 0.084 0.084 0.105 0.150 0.210 0.340 0.540 0.800 1.290 2.250 4.020	Spouse Rate .000 0.073 0.091 0.133 0.190 0.298 0.466 0.715 1.220 2.000 4.020	Non- Smoker per \$1, 0.078 0.078 0.087 0.117 0.169 0.277 0.411 0.736 1.213 2.194 3.581	Smoker Rate 000 0.145 0.145 0.164 0.233 0.350 0.564 0.833 1.461 2.426 4.402 7.147	Rate per \$10, 0.544 0.544 0.544 0.653 0.653 1.123 1.123 2.073 2.073 3.959 3.959	Spouse Rate ,000* 0.377 0.377 0.486 0.486 0.956 1.798 1.798 3.793 3.793	Employee Rate per \$10, 0.369 0.369 0.369 0.417 0.417 0.641 0.641 1.070 1.070	Rate ,000* 0.202 0.202 0.250 0.250 0.474 0.474 0.853 0.853 1.719 1.719
0-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69	Employee Rate per \$1,0 0.066 0.071 0.070 0.107 0.143 0.238 0.349 0.526 0.641 1.401 2.006 4.017	Spouse Rate 000 0.043 0.045 0.076 0.105 0.162 0.231 0.412 0.601 0.700 1.111 2.020 4.004	Employee Rate per \$1 0.073 0.084 0.105 0.150 0.210 0.340 0.540 0.800 1.290 2.250 4.020 7.870	Spouse Rate ,000 0.064 0.073 0.091 0.133 0.190 0.298 0.466 0.715 1.220 2.000 4.020 7.870	Employee Rate per \$1, 0.084 0.084 0.105 0.150 0.210 0.340 0.540 0.800 1.290 2.250 4.020 7.870	Spouse Rate .000 0.073 0.073 0.091 0.133 0.190 0.298 0.466 0.715 1.220 2.000 4.020 7.870	Non- Smoker per \$1, 0.078 0.078 0.087 0.117 0.169 0.277 0.411 0.736 1.213 2.194 3.581 6.349	Smoker Rate 000 0.145 0.164 0.233 0.350 0.564 0.833 1.461 2.426 4.402 7.147	Rate per \$10, 0.544 0.544 0.544 0.653 0.653 1.123 1.123 2.073 2.073 3.959 3.959 3.959	Spouse Rate ,000* 0.377 0.377 0.486 0.486 0.956 0.956 1.798 1.798 3.793 3.793 3.793	Employee Rate per \$10, 0.369 0.369 0.369 0.417 0.417 0.641 0.641 1.070 1.070 1.886 1.886	Rate ,000* 0.202 0.202 0.250 0.250 0.474 0.474 0.853 0.853 1.719 1.719
0-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74	Employee Rate per \$1,0 0.066 0.071 0.070 0.107 0.143 0.238 0.349 0.526 0.641 1.401 2.006 4.017	Spouse Rate 000 0.043 0.045 0.076 0.105 0.162 0.231 0.412 0.601 0.700 1.111 2.020 4.004	Employee Rate per \$1 0.073 0.084 0.105 0.150 0.210 0.340 0.540 0.800 1.290 2.250 4.020 7.870 AD&D Rate	Spouse Rate ,000 0.064 0.073 0.091 0.133 0.190 0.298 0.466 0.715 1.220 2.000 4.020 7.870	Employee Rate per \$1, 0.084 0.084 0.105 0.150 0.210 0.340 0.540 0.800 1.290 2.250 4.020 7.870	\$pouse Rate	Non- Smoker per \$1, 0.078 0.078 0.087 0.117 0.169 0.277 0.411 0.736 1.213 2.194 3.581 6.349	Smoker Rate 000 0.145 0.164 0.233 0.350 0.564 0.833 1.461 2.426 4.402 7.147 12.712	Rate per \$10, 0.544 0.544 0.544 0.653 0.653 1.123 1.123 2.073 2.073 2.073 3.959 3.959 3.959 AD&D Rate	Spouse Rate ,000* 0.377 0.377 0.486 0.486 0.956 0.956 1.798 1.798 3.793 3.793 3.793 3.793	Employee Rate per \$10, 0.369 0.369 0.369 0.417 0.417 0.641 1.070 1.070 1.886 1.886 1.886	Rate ,000* 0.202 0.202 0.250 0.250 0.474 0.474 0.853 0.853 1.719 1.719 1.719
0-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74	Employee Rate per \$1,0 0.066 0.071 0.070 0.107 0.143 0.238 0.349 0.526 0.641 1.401 2.006 4.017	Spouse Rate 000 0.043 0.045 0.076 0.105 0.162 0.231 0.412 0.601 0.700 1.111 2.020 4.004	Employee Rate per \$1 0.073 0.084 0.105 0.150 0.210 0.340 0.540 0.800 1.290 2.250 4.020 7.870	Spouse Rate ,000 0.064 0.073 0.091 0.133 0.190 0.298 0.466 0.715 1.220 2.000 4.020 7.870	Employee Rate per \$1, 0.084 0.084 0.105 0.150 0.210 0.340 0.540 0.800 1.290 2.250 4.020 7.870	\$pouse Rate	Non- Smoker per \$1, 0.078 0.078 0.087 0.117 0.169 0.277 0.411 0.736 1.213 2.194 3.581 6.349	Smoker Rate 000 0.145 0.164 0.233 0.350 0.564 0.833 1.461 2.426 4.402 7.147 12.712	Rate per \$10, 0.544 0.544 0.544 0.653 0.653 1.123 1.123 2.073 2.073 3.959 3.959 3.959	Spouse Rate ,000* 0.377 0.377 0.486 0.486 0.956 0.956 1.798 1.798 3.793 3.793 3.793 3.793	Employee Rate per \$10, 0.369 0.369 0.369 0.417 0.417 0.641 0.641 1.070 1.070 1.886 1.886	Rate ,000* 0.202 0.202 0.250 0.250 0.474 0.474 0.853 0.853 1.719 1.719 1.719
0-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74	Employee Rate per \$1,0 0.066 0.071 0.070 0.107 0.143 0.238 0.349 0.526 0.641 1.401 2.006 4.017	Spouse Rate 000 0.043 0.045 0.076 0.105 0.162 0.231 0.412 0.601 0.700 1.111 2.020 4.004	Employee Rate per \$1 0.073 0.084 0.105 0.150 0.210 0.340 0.540 0.800 1.290 2.250 4.020 7.870 AD&D Rate	Spouse Rate ,000 0.064 0.073 0.091 0.133 0.190 0.298 0.466 0.715 1.220 2.000 4.020 7.870 per \$1,000 30	Employee Rate per \$1, 0.084 0.084 0.105 0.150 0.210 0.340 0.540 0.800 1.290 2.250 4.020 7.870 AD&D Rate \$ \$0.03	Spouse Rate .000 0.073 0.073 0.091 0.133 0.190 0.298 0.466 0.715 1.220 2.000 4.020 7.870 Der \$1,000	Non- Smoker per \$1, 0.078 0.078 0.087 0.117 0.169 0.277 0.411 0.736 1.213 2.194 3.581 6.349 AD&D Rate p	Smoker Rate 0000 0.145 0.145 0.164 0.233 0.350 0.564 0.833 1.461 2.426 4.402 7.147 12.712 per \$1,000	Rate per \$10, 0.544 0.544 0.544 0.653 0.653 1.123 1.123 2.073 2.073 3.959 3.959 3.959 AD&D Rate Included Dep Life Rate	Spouse Rate ,000* 0.377 0.377 0.486 0.486 0.956 1.798 1.798 3.793 3.793 3.793 3.793 per \$1,000 in Rate	Employee Rate per \$10, 0.369 0.369 0.369 0.417 0.417 0.641 1.070 1.070 1.886 1.886 1.886 Dep Life Rate	Rate ,000* 0.202 0.202 0.250 0.250 0.474 0.474 0.853 0.853 1.719 1.719 1.719 1.719
0-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74	Employee Rate per \$1,0 0.066 0.071 0.070 0.107 0.143 0.238 0.349 0.526 0.641 1.401 2.006 4.017 AD&D Rate per \$0.036	Spouse Rate 000 0.043 0.045 0.076 0.105 0.162 0.231 0.412 0.601 0.700 1.111 2.020 4.004 er \$1,000 0	Employee Rate per \$1 0.073 0.084 0.105 0.150 0.210 0.340 0.540 0.800 1.290 2.250 4.020 7.870 AD&D Rate \$0.0	Spouse Rate ,000 0.064 0.073 0.091 0.133 0.190 0.298 0.466 0.715 1.220 2.000 4.020 7.870 per \$1,000 per \$1,000	Employee Rate per \$1, 0.084 0.084 0.105 0.150 0.210 0.340 0.540 0.800 1.290 2.250 4.020 7.870 AD&D Rate \$ \$0.03	Spouse Rate .000 0.073 0.091 0.133 0.190 0.298 0.466 0.715 1.220 2.000 4.020 7.870 per \$1,000	Non- Smoker per \$1, 0.078 0.078 0.087 0.117 0.169 0.277 0.411 0.736 1.213 2.194 3.581 6.349	Smoker Rate 0000 0.145 0.145 0.164 0.233 0.350 0.564 0.833 1.461 2.426 4.402 7.147 12.712 per \$1,000	Rate per \$10, 0.544 0.544 0.544 0.653 0.653 1.123 1.123 2.073 2.073 3.959 3.959 3.959 AD&D Rate purchased	Spouse Rate ,000* 0.377 0.377 0.486 0.486 0.956 1.798 1.798 3.793 3.793 3.793 3.793 per \$1,000 in Rate	Employee Rate per \$10, 0.369 0.369 0.369 0.417 0.417 0.641 1.070 1.070 1.886 1.886 1.886 AD&D Rate i	Rate ,000* 0.202 0.202 0.250 0.250 0.474 0.474 0.853 0.853 1.719 1.719 1.719 1.719
0-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74	Employee Rate	Spouse Rate 000 0.043 0.045 0.076 0.105 0.162 0.231 0.412 0.601 0.700 1.111 2.020 4.004 er \$1,000 0	Employee Rate per \$1 0.073 0.084 0.105 0.150 0.210 0.340 0.540 0.800 1.290 2.250 4.020 7.870 AD&D Rate \$0.0 Dep Life Rate	Spouse Rate ,000 0.064 0.073 0.091 0.133 0.190 0.298 0.466 0.715 1.220 2.000 4.020 7.870 per \$1,000 per \$1,000	Employee Rate per \$1, 0.084 0.084 0.105 0.150 0.210 0.340 0.540 0.800 1.290 2.250 4.020 7.870 AD&D Rate \$ \$0.03	Spouse Rate .000 0.073 0.091 0.133 0.190 0.298 0.466 0.715 1.220 2.000 4.020 7.870 per \$1,000	Non- Smoker per \$1, 0.078 0.078 0.087 0.117 0.169 0.277 0.411 0.736 1.213 2.194 3.581 6.349 AD&D Rate p	Smoker Rate 0000 0.145 0.145 0.164 0.233 0.350 0.564 0.833 1.461 2.426 4.402 7.147 12.712 per \$1,000	Rate per \$10, 0.544 0.544 0.544 0.653 0.653 1.123 1.123 2.073 2.073 3.959 3.959 3.959 AD&D Rate Included Dep Life Rate	Spouse Rate ,000* 0.377 0.377 0.486 0.486 0.956 0.956 1.798 1.798 3.793 3.793 3.793 3.793 per \$1,000 in Rate	Employee Rate per \$10, 0.369 0.369 0.369 0.417 0.417 0.641 1.070 1.070 1.886 1.886 1.886 Dep Life Rate	Rate ,000* 0.202 0.202 0.250 0.250 0.474 0.853 0.853 1.719 1.719 1.719 0er \$1,000 in Rate

Tuscola County Vendor Responses

Carrier	Quote Status	A.M. Best Rating
Aetna	Received	Α
Aflac	Received	A+
Allstate	Received	A+
Ameritas	DTQ	Α
BCBS	Received	A-
Guardian	DTQ	A++
Hartford	Received	A-
Liberty Mutual	DTQ	Α
Lincoln Financial	Received	A+
MetLife	Received	A-
Mutual of Omaha	DTQ	A+
Nationwide	Received	A+
Principal	DTQ	A+
Reliance Standard	DTQ	A+
Standard	Received	Α
SunLife	DTQ	A+
Unum	DTQ	Α
VOYA	DTQ	A+

A.M. Best - Carrier Ratings

A.M. Best's rating is independent opinion of an insurer's financial strength and ability to meet its ongoing insurance policy and contract obligations. The rating is based on a comprehensive quantitative and qualitative evaluation of a company's balance sheet strength, operating performance and business profile. Below is a summary of A.M. Best's ratings and the definition of each rating.

Rating	Description
A++, A+	Superior
A, A-	Excellent
B++, B+	Good
B, B-	Fair
C++, C+	Marginal
C, C-	Weak
D	Poor
Ε	Under Regulatory
F	In Liquidation
S	Suspended
NR	Not Rated by A.M.

Financial	Description
1	Less than \$1 Million
- 11	\$1 Million to \$2 Million
III	\$2 Million to \$5Million
IV	\$5 Million to \$10 Million
٧	\$10 Million to \$25 Million
VI	\$25 Million to \$50 Million
VII	\$50 Million to \$100 Million
VIII	\$100 Million to \$250 Million
IX	\$250 Million to \$500 Million
Х	\$500 Million to \$750 Million
XI	\$750 Million to \$1 Billion
XII	\$1 Billion to \$1.25 Billion
XIII	\$1.25 Billion to \$1.5 Billion
XIV	\$1.5 Billion to \$2 Billion
XV	\$2 Billion or Greater

Compensation Disclosure

Compensation. In addition to the commissions or fees received by us for assistance with the placement, servicing, claims handling, or renewal of your insurance coverages, other parties, such as excess and surplus lines brokers, wholesale brokers, reinsurance intermediaries, underwriting managers and similar parties, some of which may be owned in whole or in part by Brown & Brown. Inc., may also receive compensation for their role in products or services to you pursuant to their separate contracts with insurance or reinsurance carriers. That compensation is derived from your premium payments. Additionally, it is possible that we, or our corporate parents or affiliates, may receive contingent payments or allowances from insurers based on factors which are not client-specific, such as the performance and/or size of an overall book of business produced with an insurer. We generally do not know if such a contingent payment will be made by a particular insurer, or the amount of any such contingent payments, until the underwriting year is closed. That compensation is partially derived from your premium dollars, after being combined (or "pooled) with the premium dollars of other insureds that have purchased similar types of coverage. We may also receive invitations to programs sponsored and paid for by insurance carriers to inform brokers regarding their products and services, including possible participation in company-sponsored events such as trips, seminars, and advisory council meetings, based upon the total volume of business placed with the carrier you select. We may, on occasion, receive loans or credit from insurance companies. Additionally, in the ordinary course of our business, we may receive and retain interest on premiums you pay from the date we receive them until the date of premiums are remitted to the insurance company or intermediary. In the event that we assist with placement and other details of arranging for the financing of your insurance premium, we may also receive a fee from the premium finance

Questions and Information Requests. Should you have any questions, or require additional information, please contact this office at (989) 249-5960 or, if you prefer, submit your question or request online at: http://www.bbinsurance.com/customerinquiry.shtml

Benefit Proposal Disclaimers

AM Best Rating for Stability: A++ to D = Highest to lowest rating AM Best Financial Size: I to XV = Smallest to Largest in Millions of \$

The analysis of the plans shown is a summary. Please refer to the contract for a full list of coverage and exclusions

The rates and benefits in this proposal are based upon underwriting factors which include, but are not limited to, the census provided, the effective date shown, the status of employees/dependents (i.e. actively at work, COBRA, FMLA), final enrollment, etc. If any of the aforementioned changes prior to the proposed effective date, the final provisions, including rates, for these plans may vary or result in the proposed plan to be withdrawn.

This proposal may not be a complete listing of all available benefit options. Different benefit levels may be a

- This presentation is the proprietary work product of Brown & Brown of Central Michigan and is not authorized for further use or
- It is imperative that we be informed of any employee or dependent that is hospitalized or otherwise disabled and not actively at work on the effective date of any new contract. Coverage may not be available for these individuals.

 * All insurance carriers have their own operating procedures. A change in carrier could affect certain benefits and coverage.
- * If a decision to switch carriers is made, your existing plans SHOULD NOT be cancelled until advised by Brown & Brown of Central Michigan.
- * B&B representatives are available to explain any items presented. It is assumed that the recipients of this proposal will seek an explanation of any items that may be in question.
- *B & B representatives may from time to time provide guidance regarding certain legal requirements affecting health plans, including the requirements of federal and state health care reform legislation. Such guidance is based on good-faith interpretation of laws and regulations currently in effect, and is not intended to be a substitute for legal advice. Employers should
- contact their own legal counsel for advice regarding legal requirements.

 The network provider/facility lists obtained via paper directories or carrier websites may contain providers and fiacilities that are no longer participating in the insurance carriers' networks. We cannot be responsible for any changes to the provider/facility listings that are not reflected. To ensure that a specific provider or facility is still participating in the provider's preferred network, we
- recommend contacting the provider/facility directly.

 Failure to adhere to provisions of the Affordable Care Act (such as pay-or-play, employer reporting requirements, benefit mandates, etc.) may result in significant fees and penalties to the employer. For a more comprehensive explanation of what fees and penalties may apply to you, you may contact your Brown & Brown of Central Michigan representative at any time.
- You are required to comply with Health Care Reform's Summary of Benefits & Coverage (SBC) distribution guidelines, which include requirements for SBC distribution at the plan renewal date. If an employee must enroll to continue coverage, the SBC must be provided when open enrollment materials are distributed. If enrollment materials are not distributed, employees must must be provided when open enrollment materials are distributed. It enrollment materials are not distributed, employees must receive an SBC by the first day they are eligible to enroll. For insured plans, if coverage continues automatically for the next year, the SBC must be provided at least 30 days before the beginning of the new plan year. If the policy is not issued by that date, the SBC must be provided within seven business days once the information is available. Please refer to the Department of Health & Human Services' (HHS) official guidance for complete details regarding renewal and other SBC distribution guidelines.

Denmark Township Medical Marihuana Ordinance ORDINANCE NO. 2017-15

ORDINANCE AMENDING MEDICAL MARIHUANA ORDINANCE (ORDINANCE NUMBER 2012-05)

PURPOSE:

An Ordinance to amend the Denmark Township Medical Marihuana Ordinance Number 2012-05 for the health, safety and welfare of Township residents.

THE BOARD OF TRUSTEES OF DENMARK TOWNSHIP, TUSCOLA COUNTY ORDAINS:

Section 1: Findings.

Denmark Township adopts this Article based on the following findings of fact:

- A. Voters in the State of Michigan approved a ballot initiative authorizing the use and cultivation of marihuana by and for persons with certain medical conditions.
- B. The intent of the initiative was to enable certain specified persons who comply with the registration provisions of the law to obtain, possess, cultivate, use and distribute marihuana and to assist specifically registered individuals identified in the statute without fear of criminal prosecution under limited, specific circumstances.
- C. Despite the specifics of the state legislation and the protections set forth therein, marihuana remains a controlled substance under Michigan law and the obtaining, possession, cultivation, use and distribution of marihuana has a potential for abuse that should be closely monitored and to the extent permissible regulated by the local authorities.
- D. If not closely monitored or regulated, the presence of marihuana even for the purposes permitted by the legislation can increase the potential for illegal conduct and/or activity or other adverse conditions and this threat affects the health, safety and welfare of the residents of Denmark Township.
- E. It is the intent of Denmark Township that nothing in this article be construed to allow persons to engage in conduct that endangers others or causes a public nuisance, or to allow use, possession or control of marihuana for non-medical purposes or allow activity relating to cultivation, distribution or consumption of marihuana that is otherwise illegal.

Section 2: Purpose.

It is the purpose of this Article to impose specific requirements on those individuals registering with the State of Michigan as a "qualifying patient" or a "primary caregiver" and to regulate the conduct of activity pursuant thereto in Denmark Township, Tuscola County, Michigan so as to protect the health, safety and welfare of the general public.

Section 3: Definitions.

MMMA means the Michigan Medical Marihuana Act, MCL 333.26421 et seq. and the Michigan Medical Marihuana rules, Michigan Administrative Code R 333.1 et seq., as amended from time to time.

The terms "enclosed, locked facility," "marihuana," "medical use," "primary caregiver," "qualifying patient" and "usable marihuana" shall have the same meanings given to them in the MMMA.

Section 4: Possession and Use of Medical Marihuana.

Marihuana can be possessed and used in Denmark Township only in accordance with and pursuant to the MMMA.

Section 5: Medical Marihuana Facilities Prohibited.

Medical marihuana facilities, which are commercial growers, processors, provisioning centers, secure transporters, and safety compliance facilities, as those terms are defined in the Michigan Medical Marihuana Facilities Licensing Act, Act 281 of 2016, are prohibited in Denmark Township.

Section 6: Marihuana Primary Caregivers.

Assistance of a qualifying patient with the medical use of marihuana by a primary caregiver: a) is permitted only as a home occupation in R-1, R-2, and Agricultural Districts; b) is prohibited in all other districts and for other than as a home occupation; and c) is subject to the following conditions:

- 1. Compliance with all home occupation requirements set forth in section 1412 of the Code of Ordinances.
- 2. The use and cultivation of marihuana shall at all times comply with the MMMA.
- 3. The primary caregiver shall operate the home occupation only at a single-family dwelling or two-family dwelling that is his or her primary residence.
- 4. The home occupation location from which a primary caregiver provides assistance to a qualifying patient shall not be within a 1,320 foot radius from any parcel with a school, church or public library located on it. Measurement of the 1,320-foot radius shall be made from the lot

line of the lot upon which the proposed home occupation will be situated to the lot line of the lot upon which the school, church or public library is situated and shall be the shortest distance between the respective lot lines.

- 5. No more than one primary caregiver shall assist qualifying patients on any single lot.
- 6. A maximum of one visit to a primary caregiver home occupation location per day, per qualifying patient, is permitted and shall be permissible only between the hours of 8 a.m. and 8 p.m.
- 7. All usable marihuana and marihuana plants under cultivation shall be contained within the primary structure of the home occupation lot, in an enclosed, locked facility inaccessible from the exterior of the structure and secured with devices which limit access to only the primary caregiver.
- 8. The outdoor cultivation of marihuana plants is prohibited.
- 9. If a room or area with windows is utilized as an enclosed, locked facility, the primary caregiver shall employ shielding methods which do not involve alteration to the exterior of the structure, and which prevent ambient light illumination of adjacent residential properties,
- 10. A primary caregiver home occupation shall not be permitted in connection with or at a location at which any other home occupation is operated.
- 11. No consumption of marihuana shall be permitted at a primary caregiver's home occupation location, except if the consumption is by a resident of the home occupation location who is also a qualifying patient.
- 12. A primary caregiver who has been designated by a qualifying patient as that qualifying patient's primary caregiver is the only person permitted to assist that qualifying patient with that qualifying patient's medical use of marihuana, and may cultivate marihuana for that qualifying patient only if the primary caregiver is designated on the State of Michigan registry as being allowed to possess marihuana plants for that qualifying patient's medical use.
- 13. The owner of the home occupation location shall obtain an occupancy permit and otherwise satisfy all requirements of Section 1412 prior to commencement of the home occupation activity by a primary caregiver and shall, if applicable, obtain a building permit for any alterations to the structure and comply with all related Code provisions. Under no circumstances shall the "acting" building inspector, zoning administrator or any other Township official require the applicant to provide any information during the permitting process on whether or not the applicant is a primary caregiver or a qualifying patient, in recognition of the confidentiality requirements of the MMMA, provided however that this prohibition shall not have any effect on law enforcement activities by police authorities.

- 14. A special use exception under Section 1401 shall not apply and is not permitted.
- 15. A primary caregiver engaged in a home occupation complying with this Article is hereby required to follow all guidelines specified in section 1412.
- 16. All home occupations complying with this Article are subject to inspection at reasonable times for the purpose of personal property tax assessment, building occupation and occupancy permit reasons, for ascertaining conformity to any zoning requirements, for effective police and fire services or for purposes of ascertaining whether the home occupation must be accounted for in any fire department plan for dealing with toxic materials in conformity with Act No. 154 of the Public Acts of Michigan of 1974 (MCL 408.1001 et seq., MSA 17.50(1) et seq.), as amended, with regard to hazardous chemicals. Inspection will be done by a properly identified appropriate official or his designee, i.e., fire chief, health officer or building official. Such inspection shall be conducted as may be deemed appropriate by the officer or employee named and shall indicate a determination of whether the requirements following the official's or employee's title have been complied with:
 - a. Fire chief: The provisions of the fire code and all other applicable regulations and requirements of the city and the state relative to fire safety have been complied with.
 - b. Health officer: All applicable health and sanitary requirements of the township, county and state have been complied with.
 - c. Building official: The building requirements of this Code and of the state have been complied with and the zoning and other land use provisions of this Code will permit the home occupation at its proposed location.

Section 7: Civil Forfeiture.

In addition to all other available penalties and remedies available under applicable laws, any marihuana sold or possessed with the intent to sell in violation of this Article may be seized, forfeited and disposed of by the police agencies serving the Township of Denmark.

Section 8: Penalty.

Any violation of this Article shall constitute a municipal civil infraction the penalty for which shall be assessed according to section 1605 plus costs and other sanctions for each violation. Each day that a violation occurs shall be considered a separate offense. The Township may in addition seek injunctive relief.

Section 9: Validity and Severability.

Any section or subsection not expressly amended by this Ordinance shall remain in full force and effect. Should any portion of this Ordinance be found invalid for any reason, such holding shall not be construed as affecting the validity of the remaining portions of this Ordinance.

Section 10: Repealer.

Any ordinances or parts of ordinances in conflict herewith are hereby repealed only to the extent necessary to give this Ordinance full force and effect.

Section 11: Effective Date.

This Ordinance shall take effect seven (7) days after publication as provided by law.

A roll call vote on the foregoing ordinance was taken and was as follows:

AYE:

Supervisor C Heinlein, Clerk N Heinlein, Treasurer D Weber,

Trustee S Schwab, Trustee A Krumanuer

NAY:

None

ABSTAIN:

None

This Ordinance was duly adopted at 6:33 pm by the Township of Denmark, County of Tuscola, State of Michigan at a meeting held on the 31st day of July, 2017, and ordered to be published in the manner prescribed by law.

CLERK'S CERTIFICATE

I, Nancy Heinlein, being the duly qualified and acting Clerk of the Township of Denmark, County of Tuscola, State of Michigan, do hereby certify that (1) the foregoing is a true and complete copy of an ordinance duly adopted by the Township Board at a regular meeting held on July 31, 2017, at which meeting a quorum was present and remained throughout, (2) the original thereof is on file in the records in my office, (3) the meeting was conducted, and public notice thereof was given, pursuant to and in full compliance with the Open Meetings Act (Act No. 267), Public Acts of Michigan, 1976, as amended, and (4) minutes of such meeting were kept and will be or have been made available as required thereby.

Dated: July 31, 2017

Nancy K Heinlein

Denmark Township Clerk

DRAFT

Tuscola County Board of Commissioners Committee of the Whole Monday, August 7, 2017 – 8:00 A.M. HH Purdy Building - 125 W. Lincoln, Caro, MI

Commissioners Present: District 1 - Thomas Young, District 2 - Thomas Bardwell, District 3 - Kim Vaughan, District 4 - Craig Kirkpatrick

Absent: District 5 - Matthew Bierlein

Also Present: Mike Hoagland, Clerk Jodi Fetting, Mike Miller, Tisha Jones, Judge Amy Grace Gierhart, Judge Nancy L. Thane, Caryn Painter, Linda Strasz, Karen Southgate, Irene Waller, Dr. Russell Bush, Register John Bishop

Finance

Committee Leaders-Commissioners Kirkpatrick and Bierlein

Primary Finance

1. 2018 Child Care Fund Budget - Caryn Painter provided an update of the Child Care Fund Budget year to date. She also reviewed the projected budget. Contracts have been reviewed for the upcoming year. Karen Southgate reviewed the Child Care Budget for the Department of Health and Human Services. Matter discussed by the Board. Contracts and budgets to be placed on the Consent Agenda.

2. 2016 Medical Examiner Annual Report – Dr. Russell Bush - Dr. Bush provided an overview of the 2016 Annual Report for the Tuscola County Office of Medical Examiner. Dr. Bush also provided potential changes that may be coming to the Office of Medical Examiner. Matter to be placed on the Consent

Agenda

3. Proposed Regarding Vanderbilt Park and Bid Openings - Mike Hoagland provided an overview of the Proposal of Supplement Passport Grant Funding for Park Improvements. Commissioner Vaughan shared what he feels the top priorities of the projects are. There were three bids received for the 10 fire pits. TJM Services, Allegan MI - \$3,800.00; J Ranck Electric, Mt. Pleasant MI - \$5,043.00; Cadillac Culvert, Cadillac MI - \$1,949.00. There was one bid received to install the water line. Craig Blue, Millington MI - \$9,370.00. No action taken on the current bids received at this point. Board discussed what needs to be amended in the grant request.

Recessed at 10:14 a.m. Reconvened at 10:24 a.m.

- 4. Liquor Control Commission Request Mike Hoagland updated the Board with the language requested by the Liquor Control Commission for clarification. Attorney would like to submit the proposed language to the Liquor Control Commission to verify if it will satisfy their request. Matter to be placed on the Consent Agenda.
- Center for Disease Control Open House August 8, 2017 Mike Hoagland shared the invitation with the Board.
- 6. Equalization Overtime Budget The necessary training for employees to become certified is on Saturdays. The Equalization Director is requesting an amendment to the overtime line item to allow for the training. Matter to be placed on the Consent Agenda.
- 7. 2018 County Budget Development Meeting set for September 11, 2017 after the Board meeting.
- 8. Jail Planning Committee Matter discussed.
- Region 6 Prosperity Region Commissioner Young provided an update to the Board. There is a meeting scheduled for Wednesday. Matter discussed by the Board.
- 10. Challenges Ahead in Balancing the State Budget (matter added) Mike Hoagland shared an article written by Citizens Research Council of Michigan. Mike has prepared an article that he would like to submit to Michigan Association of Counties. Matter to be placed on the Consent Agenda.

On-Going and Other Finance

- 1. Solar Energy Presentation Scheduled for August 10, 2017
- 2. County Audit Presentation Scheduled for August 10, 2017
- 3. Indigent Defense Meeting Scheduled for August 10, 2017 at 2:00 P.M.
- 4. Wind Turbine Development and Assessing/Taxation Dispute Scheduled for September 18, 2017
- 5. Continue Review of Road Commission Legacy Costs
- 6. Road Patrol and Senior Citizen Millage Planning Update Election Day is August 8, 2017. Polls are open from 7:00 a.m. to 8:00 p.m.
- 7. House Bill 4184 Potential Physical Presence Required to Vote

Personnel

Committee Leader-Commissioner Bardwell

Primary Personnel - None

On-Going and Other Personnel

1. Reporting Relationship (Nepotism Policy) - Mike Hoagland and Shelly Lutz are currently working on draft policy.

COW Minutes

2

8/7/2017

- 2. Union Negotiations Wage Survey Mike Hoagland is gathering information to compile an informal wage survey.
- 3. Initiate Turnover and Wage Survey to Minimize Vulnerability to Loss of Critical Positions
- 4. Update Personnel Policies with Federal Changes such as ACA, Exempt/non-Exempt
- 5. Review Re-Establishment of Judicial Committee Meetings
- 6. Review Formation of Quarterly Meetings with Senior Leaders and Road Commissioners
- 7. Method to Communicate County Concerns to State Senator and Representative

Building and Grounds

Committee Leaders-Commissioners Young and Vaughan

Primary Building and Grounds

 Service Animals in County Buildings - Mike Hoagland has received a letter of concern from Charlie Walker of Adult Probation. Mike Hoagland will contact the attorney for guidance on if a policy should be drafted.

On-Going and Other Building and Grounds

- 1. Jail Plumbing Update Mike Miller provided an update.
- 2. Recycling Relocation Next Steps Commissioner Bardwell has signed the contracts and Mike Miller can submit them to the State.
- 3. Update 10 Year Capital Improvement Plan Mike Hoagland provided an update.
- 4. Continue Work with Jail Planning Regarding Potential Jail Renovation and Additional Jail Bed Space for Holding Cells and Potential Revenue Generation
- 5. Implement 2017 Budgeted Capital Improvement Projects 2017 projects are close to being fully completed.
- 6. Fire Safety Planning
- 7. Security/Safety Committee Methods to Enhance Security Next Steps

3

Other Business as Necessary

- 1. Discussion of Possible of Rescheduling 8/21 and 8/24 meetings to 8/31 Continue the August 21st Committee of the Whole as scheduled, reschedule the August 24th Board of Commissioner's meeting to August 31st. Clerk Fetting will handle the necessary posting.
- 2. Former Vassar Foundry Update provided
- 3. Dairy Farmers of America Cass City
- 4. Dispute with Wind Companies Tax Tribunal Meeting 9/18/17
- 5. Caro Dam
- Airport Authority

COW Minutes

8/7/2017

- 7. Dispatch Authority Pager Issue Project being worked on.
- 8. MAC 7th District Meeting August 14, 2017
- 9. State of the Bay September 27, 2017
- 10. Michigan Economic Development Corporation
- 11. Cass River Greenways
- 12. Vanderbilt Park Fire Pit Rings Mike Miller asked for clarification on the fire pit rings if he is to receive any phone calls from the companies that have submitted bids. Commissioner Vaughan is going to donate the fire pit rings at no cost to the County.
- 13. Recycling Center Bobcat Machinery Replacement Mike Miller has received a quote to replace the bobcat at the Recycling Center in the amount \$788.54 per month for 24 month lease from Carrollton Equipment out of Saginaw. Recycling Committee is recommending leasing the bobcat rather than buying. Board will support the Recycling Committee's recommendation. Matter to be placed on the Consent Agenda.

Public Comment Period -

-Register Bishop updated the Board regarding ACS allowing the release of the contract with the Register of Deeds office.

Meeting adjourned at 11:31 a.m.

Jodi Fetting Tuscola County Clerk