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## BOARD OF HEALTH – FINANCE COMMITTEE

### Agenda for July 17, 2023 at 11:00 AM

1. Call to Order
  - a. Roll Call
  - b. Approval of the Agenda\*
2. Public Comment
3. New Business
  - a. Vaccine Storage Unit\*
  - b. Hillsdale Elevator\*
  - c. County Appropriations\*
  - d. AAA Appropriations\*
  - e. Employer Sponsored Health Insurance Plan – Information Only
4. Public Comment
5. Adjournment - Next meeting: August 21, 2023

**Public Comment:**  
For the purpose of public participation during public hearings or during the public comment portion of a meeting, every speaker prior to the beginning of the meeting is requested but not required to provide the Board with his or her name, address and subject to be discussed. Speakers are requested to provide comments that are civil and respectful. Each speaker will be allowed to speak for no more than three (3) minutes at each public comment opportunity.



Life Science Innovator Since 1966

Quotation # DAIQ32586

Date: 05/31/23

Expiration Date: 7/30/2023

Quote To:

BHSJ-CHA

Heidi Hazel

Phone: (517) 933-3009

Email: hazelh@bhsj.org

Local Sales Rep:

Brian Langenderfer

847-550-3036

brian.langenderfer@daiscientific.com

MAKE ORDER OUT TO:

PHC Corporation of North America (PHCNA)

1300 Michael Dr. Suite A


Wood Dale, IL 60191

Phone: 800-858-8442

biocustomerservice@us.phchd.com

E&I Contract Number CNR01422

We are pleased to quote the following:

	Part Number	Description	Qty	Unit Price	Ext. Price
	<b>PHCbi MPR-1412-PA</b>		1	\$7,798.00	\$7,798.00
	Laboratory Refrigerator				
		<ul style="list-style-type: none"> <li>*Environmentally friendly HFO (Hydrofluro-Olefins) refrigerant</li> <li>* Total Capacity 48.4 cu. ft.</li> <li>* Precise microprocessor controlled temp. range from +2C to +23C</li> <li>* Key lock function for the controls to prevent accidental/tampering</li> <li>* Lockable double doors with double paned window</li> <li>* Forced air circulation refrigeration system</li> <li>* Digital LED display and input with keypad controls</li> <li>* Audible/Visual Alarms for high/low temp. and door ajar</li> <li>* Remote alarm contacts</li> <li>* One 40W fluorescent light</li> <li>* Two access ports</li> <li>* (4) Casters</li> <li>* Eight wire shelves (plastic coated)</li> <li>* Power requirements: 115V/60Hz/NEMA 5-15P</li> <li>* Inner Dimension: 52"W x 28"D x 59.1"H</li> </ul>			

1300 Michael Dr. Suite A, Wood Dale, IL 60191  
Phone: 800-858-8442  
Email: biocustomerservice@us.phchd.com

Page 1

Part Number	Description	Qty	Unit Price	Ext. Price
	* Outer Dimension: 56.7"W x 36.2"D x 76.8"H * Warranty: Three (3) years parts and labor			
	<b>Freight to Dock</b>	1	\$0.00	\$0.00
	<b>White Glove Inside Delivery Provided by Corrigan Movers</b>	1	\$0.00	\$0.00

Terms
Net 30
FOB:
Dest PP

If purchase will be exempt from state tax at the ship to address please include a copy of the state exempt certificate with purchase order. PLEASE NOTE: Freight charges, lift gate charges, "In-Room" charges, installation, or tax are not included in this quotation unless noted above.

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<b>Total</b>	<b>\$7,798.00</b>
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1300 Michael Dr. Suite A, Wood Dale, IL 60191  
 Phone: 800-858-8442  
 Email: biocustomerservice@us.phchd.com

Page 2



# QUOTATION

Creation Date: 6/14/2023 10:32:42 AM

Toll Free: 800.743.5637  
 EMAIL or FAX orders to:  
[orders@helmerinc.com](mailto:orders@helmerinc.com)  
 317-773-9082

**Quote #:**  
**QUO-203121-J3K4D2**  
 Rev: 0

PLEASE REFER TO THIS QUOTE NUMBER ON ALL CORRESPONDENCES AND ORDERS

YOUR REPRESENTATIVE:  
 Nicholas Reusser  
 1-317-764-5216 Ext: 3817  
 nreusser@helmerinc.com

**Requestor:** Heidi Hazel  
 hazelh@bhsj.org  
 15179333009

**Facility ID:** MI203

**Branch-Hillsdale St Joseph Community**  
**570 Marshall Rd**  
**Coldwater MI 49036**

**Ship to:**

<b>CONTRACT</b>	Health Clinic	
<b>Terms:</b> N30 Days	<b>FOB:</b> Origin	<b>Shipping Charge:</b> Prepaid and Add
<b>Effective Date</b>		2023-06-14
<b>Expiration Date</b>		2023-07-18

Ln No	Part#	Model	Description / Details	QTY	Price Each	Total /Extended
1	5113245-1	HLR245-GX	HLR245-GX Horizon Series™ Laboratory Refrigerator, 44.9 cu ft (1271 Liters)	1	\$7,497.72	\$7,497.72
2	890011-3	TrueBlue Service Agreement	TrueBlue Service Agreement	1	\$491.63	\$491.63
3	890050-2		TrueBlue Delivery and Set Up	1	\$1,327.71	\$1,327.71

Sub Total: \$9,317.06

Shipping Method: -

We accept Visa, Mastercard and American Express

**Total Amount:**

All prices are in USD

**\$9,317.06**

**Notes:**

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Nicholas Reusser

1-317-764-5216 Ext: 3817

nreusser@helmerinc.com

This quotation is subject to Helmer Scientific's standard terms and conditions, please visit <https://www.helmerinc.com/terms/general>.

**SHIPPING:** Standard cost is dock-to-dock delivery. Inside delivery (white glove) and lift gate is an additional cost and will be quoted upon request.

**ORDERING INSTRUCTIONS:**

Purchase Orders: Email to [orders@helmerinc.com](mailto:orders@helmerinc.com) or Fax to (317) 773-9082. Please include the Helmer Quote Number on your PO.

Credit Card Orders: Please contact Customer Service at: (800) 743-5637 (8-5 EST M-F) to provide information securely over the phone.

*Helmer may request new customers and established customers complete our credit application to create or update current credit files. This requirement will be contingent on order amount and prior history with Helmer.*

Domestic Warranties	i.Series and PRO			Horizon Series		
	Compressor	Parts	Labor	Compressor	Parts	Labor
<b>Refrigerators</b>	7 yrs.	2 yrs.	1 yr.	5 yrs.	2 yrs.	1 yr.
<b>-30° Freezers</b>	5 yrs.	2 yrs.	1 yr.	3 yrs.	2 yrs.	1 yr.
<b>Ultra Low Freezers</b>	5 yrs.	2 yrs.	2 yrs.			
<b>Platelet Incubators</b>	5 yrs.	2 yrs.	1 yr.			
<b>Platelet Agitators</b>	2 yrs. Parts, 1 yr. Labor					
<b>Plasma Thawers</b>	2 yrs. Parts, 1 yr Labor					
<b>Cell Washers</b>	2 yrs. Parts, 1 yr. Labor					
<b>Centrifuges</b>	5 yrs. Power Train, 2 yrs. Parts, 1 yr. Labor					

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YOUR REPRESENTATIVE:  
Nicholas Reusser  
1-317-764-5216 Ext: 3817  
nreusser@helmerinc.com

## Configured As:

**Line No:** 1  
**Model:** HLR245-GX  
**Item Number:** 5113245-1  
**Description:** HLR245-GX Horizon Series™ Laboratory Refrigerator, 44.9 cu ft (1271 Liters)

Part Number	Description	Qty	Price Each
5113245-1	HLR245-GX Horizon Series™ Laboratory Refrigerator, 44.9 cu ft (1271 Liters)	1	7,497.72
4010175-1	Power Option: 115V 60Hz (for Horizon Series™ Refrigerators, GX Models, 45 cu ft)	1	0.00
4110006-1	Power Cord Option: 115V 60Hz NEMA 5-15	1	0.00
4020045-1	Exterior Option: Powder Coat (for Refrigerators, GX models, 45 cu ft)	1	0.00
4030046-1	Interior Option: Powder Coat, White (for Refrigerators, GX models, 45 cu ft)	1	0.00
4040025-1	Light Option: Basic (for Refrigerators with Powder Coat Interior, GX models, 45 56 cu ft)	1	0.00
4050071-1	Chart Recorder Option: None (for Horizon Series™ Blood Bank Refrigerators, GX models, 45 56 cu)	1	0.00
4060070-1	Lock Option: Standard Key (for Horizon Series™ Refrigerators, GX models, 45 56 cu ft)	1	0.00
4080050-1	Handle Option: Standard (for Refrigerators, GX models, 20/25/45/56 cu ft)	1	0.00
4080050-1	Handle Option: Standard (for Refrigerators, GX models, 20/25/45/56 cu ft)	1	0.00
4070203-1	Door Option: Right Hinge, Glass (for iHorizon Series™ Refrigerators, GX models, 20/25/45/56 cu ft)	1	0.00
4070221-1	Door Option: Left Hinge, Glass (for Horizon Series™ Refrigerators, GX models, 20/25/45/56 cu ft and i.Series® Refrigerators, GX models, 45 56 cu ft)	1	0.00

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YOUR REPRESENTATIVE:  
Nicholas Reusser  
1-317-764-5216 Ext: 3817  
nreusser@helmerinc.com

4090096-1	Storage Option: Shelf, Ventilated, Factory Installed (for Refrigerators, GX models, 20 45 cu ft)	1	0.00
4090096-1	Storage Option: Shelf, Ventilated, Factory Installed (for Refrigerators, GX models, 20 45 cu ft)	1	0.00
4090096-1	Storage Option: Shelf, Ventilated, Factory Installed (for Refrigerators, GX models, 20 45 cu ft)	1	0.00
4090096-1	Storage Option: Shelf, Ventilated, Factory Installed (for Refrigerators, GX models, 20 45 cu ft)	1	0.00
4090095-1	Storage Option: None (for Refrigerators, GX models, 20 45 cu ft)	1	0.00
4090095-1	Storage Option: None (for Refrigerators, GX models, 20 45 cu ft)	1	0.00
4090095-1	Storage Option: None (for Refrigerators, GX models, 20 45 cu ft)	1	0.00
4090095-1	Storage Option: None (for Refrigerators, GX models, 20 45 cu ft)	1	0.00
4090096-1	Storage Option: Shelf, Ventilated, Factory Installed (for Refrigerators, GX models, 20 45 cu ft)	1	0.00
4090096-1	Storage Option: Shelf, Ventilated, Factory Installed (for Refrigerators, GX models, 20 45 cu ft)	1	0.00
4090096-1	Storage Option: Shelf, Ventilated, Factory Installed (for Refrigerators, GX models, 20 45 cu ft)	1	0.00
4090096-1	Storage Option: Shelf, Ventilated, Factory Installed (for Refrigerators, GX models, 20 45 cu ft)	1	0.00
4090095-1	Storage Option: None (for Refrigerators, GX models, 20 45 cu ft)	1	0.00
4090095-1	Storage Option: None (for Refrigerators, GX models, 20 45 cu ft)	1	0.00
4090095-1	Storage Option: None (for Refrigerators, GX models, 20 45 cu ft)	1	0.00
4090095-1	Storage Option: None (for Refrigerators, GX models, 20 45 cu ft)	1	0.00
4120013-1	Monitoring Option: Bottle with Glycerin, Factory Installed (for Horizon Series™ Refrigerators, GX models, 45/56 cu ft)	1	0.00
4900098-1	Special Option: Access Port, Left Wall (for Blood Bank Refrigerators, GX models, 13/20/25/45/56 cu ft)	1	0.00

**Total Price: \$7,497.72**

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317-773-9082

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Rev: 0

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YOUR REPRESENTATIVE:  
Nicholas Reusser  
1-317-764-5216 Ext: 3817  
nreusser@helmerinc.com

## Configured As:

**Line No:** 2  
**Model:** TrueBlue Service Agreement  
**Item Number:** 890011-3  
**Description:** TrueBlue Service Agreement

<i>Part Number</i>	<i>Description</i>	<i>Qty</i>	<i>Price Each</i>
890011-3	TrueBlue Service Agreement	1	0.00
8120111	Ref/Frz, 2yr, New Product	1	491.63

**Total Price: \$491.63**



Heidi Hazel  
Clinic Supervisor & Immunization Coordinator

Community Health Center of Branch City  
570 Marshall Rd.  
Coldwater, MI49036  
Phone: (517) 279-9561 ext.105  
hazelh@bhsj.org

June 16, 2023  
Page 1 of 9

Subject: Quote # 922399-1

Dear Heidi Hazel

Thank you for your recent inquiry. Thermo Fisher Scientific is pleased to provide you with the attached quotation.

To ensure accurate and timely processing of your order, please provide the following information on your purchase order:

- Purchase order addressed to Thermo Fisher Scientific (Asheville) LLC, as shown below
- Complete billing address
- Complete shipping address
- Purchase order number
- Reference quote number
- Item number of the product(s) being ordered
- Description of item(s) being ordered
- Quantity for each item
- Price for each item
- Shipping and payment terms should match quotation

Thermo Fisher Scientific provides a complete portfolio of laboratory equipment and professional services including: Product Installation, Validation Services, Preventative Maintenance Agreements, and Extended Warranty Plans. Should you require additional information about any of our products or services, please contact your local Sales Representative.

Competitive finance options are available with fast and simple documentation. Please contact Thermo Fisher Financial Services at (800) 986-9731 Ext. 7 for more information.

We appreciate your interest in Thermo Fisher Scientific and look forward to serving you in the future.

Sincerely,

THERMO FISHER SCIENTIFIC

Tom Kuhn

Bid Representative

**Order From Address :** orderprocessing.led.asheville@thermofisher.com

Thermo Fisher Scientific (Asheville) LLC

Building 2B - Suite 400

28 Schenck Parkway

Asheville, NC 28803

Phone: (866) 984-3766

www.thermoscientific.com

Fax: (888) 618-2676

TO ENSURE PRICING AND TERMS REFERENCE QUOTATION

2022-07-17 BoH Finance Committee Materials - Page 9  
**Acceptance and delivery of your order is subject to the terms and conditions on the face of and attached to this quote, which shall constitute the exclusive contract between us for your order.**

Building 2B - Suite 400  
28 Schenck Parkway  
Asheville, NC 28803

Quote #:922399  
Rev #:1

Phone: (866) 984-3766 Fax: (888) 618-2676  
orderprocessing.led.asheville@thermofisher.com

Issued date:06/16/2023  
Expiration date:09/14/2023

<b>Submit To:</b> Heidi Hazel Clinic Supervisor & Immunization Coordinator Community Health Center of Branch City 570 Marshall Rd. Coldwater, MI 49036 Phone: (517) 279-9561 ext.105 hazelh@bhsj.org	<b>Customer Information:</b> Heidi Hazel Clinic Supervisor & Immunization Coordinator Community Health Center of Branch City 570 Marshall Rd. Coldwater, Michigan49036 Phone: (517) 279-9561 ext.105 hazelh@bhsj.org	<b>Ship To :</b> Heidi Hazel Clinic Supervisor & Immunization Coordinator Community Health Center of Branch City 570 Marshall Rd. Coldwater, MI 49036 Phone: (517) 279-9561 ext.105 hazelh@bhsj.org
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<b>Sales Rep Information:</b> Camille Contre <b>Phone:</b> 828-774-7262 <b>Fax:</b> 888-618-2676 <b>Email:</b> camille.contre@thermofisher.com	<b>Prepared By:</b> Tom Kuhn <b>Phone:</b> (740) 374-1867 <b>Fax:</b> 877-723-6624 <b>Email:</b> tom.kuhn@thermofisher.com
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<b>Special Delivery Options</b>			
<b>Lift Gate:</b>	False	<b>Ship Complete:</b>	False
<b>Inside Delivery:</b>	False	<b>Dock to Dock:</b>	False
<b>Delivery Instructions:</b>			

<b>We Deliver to the Following Terms and Conditions</b>			
• <b>Our Payment Terms:</b>	Net 30	• <b>Terms of Delivery:</b>	FOB Factory, Frt Prepay & Add
• <b>Currency:</b>	US Dollar	• <b>Taxes are extra where applicable.</b>	
		• <b>Product Return Eligibility:</b>	Within 30 Days

This order is subject to the terms and conditions attached to this quote. Certain products may not be returned. Please refer to the attached terms and conditions of sale for more information, and visit [www.thermofisher.com/productpolicy](http://www.thermofisher.com/productpolicy) for full details of our return policy.

Line	Description	Install Type	Qty	List Price	Net Price	Total Price
1.0	TSX5005PA THERMO SCIENTIFIC HC PHARMACY REFRIGERATOR configured as 95005H3A0ZAPJR0B with options below		1	\$18,129.00	\$10,902.78	\$10,902.78

**Building 2B - Suite 400  
28 Schenck Parkway  
Asheville, NC 28803**

**Quote #:922399  
Rev #:1**

**Phone: (866) 984-3766 Fax: (888) 618-2676  
orderprocessing.led.asheville@thermofisher.com**

**Issued date:06/16/2023  
Expiration date:09/14/2023**

1.1	Model No. TSX5005PA Thermo Scientific HC Pharmacy Refrigerator +2C to +8C Total Capacity (Cu. Ft/Liters): 51.1 (1447) Exterior Dimensions: 77.5"H x 36.2"F-B x 56.5"W (1969mm x 907mm x 1435mm) Voltage: A - 115V 60Hz Doors: Double Warranty: H-24 mo. P & L	1	\$18,129.00	\$10,902.78	\$10,902.78
1.2	Catalog No. 6916-2 - Certificate of Calibration	1	\$0.00	\$0.00	\$0.00
<b>2.0</b>	<b>N206</b>  Environmental Disposal Includes removal and environmental disposal of old unit and inside delivery of one new replacement unit. Inside delivery of additional new units subject to additional charges. NOTE: If the disposal unit is not decontaminated and ready for pick up, arrangements will need to be made to return. Re-delivery is subject to a \$550.00 re-delivery fee. ** "Bio-hazard Certificate for Disposal" form must be completed and returned with your purchase order. **  Serial number, TBD Model PHCbi MPR 1412-PA	1	<b>\$1,049.00</b>	<b>\$1,049.00</b>	<b>\$1,049.00</b>
<b>3.0</b>	<b>FRQ</b>  Estimated Freight Charges  Dock to dock to zip code 49036	1	<b>\$515.00</b>	<b>\$515.00</b>	<b>\$515.00</b>
				<b>List Price Subtotal</b>	<b>\$19,693.00</b>
				<b>Grand Total</b>	<b>\$12,466.78</b>

Building 2B - Suite 400

28 Schenck Parkway

Asheville, NC 28803

Phone: (866) 984-3766 Fax: (888) 618-2676

orderprocessing.led.asheville@thermofisher.com

Quote #:922399

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**Optional Items**

Line	Description	Install Type	Qty	List Price	Net Price	Total Price
4.0	<b>EWBRF05</b>		1	<b>\$709.00</b>	<b>\$709.00</b>	<b>\$709.00</b>
<p>Extend the factory warranty of Thermo Scientific Refrigerators/Freezers. Plan Includes</p> <ul style="list-style-type: none"> <li>• Unlimited engineer labor, travel and factory-certified replacement parts required for corrective maintenance.</li> <li>• Priority unlimited access to our OEM-trained Technical support experts who can diagnose, investigate, and remotely resolve issues or schedule on-site visits using the latest digital remote support tools.</li> <li>• Access to our on-line service knowledgebase</li> <li>• Instrument Software/ Firmware updates4 included as needed to support a corrective maintenance visit</li> </ul>						

Thank you for considering products manufactured by Thermo Fisher Scientific (Asheville) LLC. This quote is issued and intended for sales and shipments within the U.S. For equipment ultimately destined for outside of the U.S., please contact the International Department at inquiries.led.1care@thermofisher.com.

Orders can be emailed or faxed to Thermo Fisher Scientific at the address above.

**Competitive Finance Options** are available with fast and simple documentation. Please contact Thermo Fisher Financial Services at (800) 986-9731 Ext. 9 or e-mail Choyce LaRue at choyce.larue@thermofisher.com for more information.

Available delivery services:

- **Bronze Delivery** – From manufacturing location to your receiving dock.
- **Inside/Gold Delivery** – Equipment delivered to the final location, uncrating, removal of debris, assembly/stacking as required, and set in place. Pricing is valid under the following assumption: the delivery contact is available at the time of delivery, delivery personnel have clear and unrestricted physical access to the inside delivery location and all necessary loading and lifting equipment including dock plates and freight elevators are available if required.
- **Lift Gate** – Requires truck with ability to lower equipment to the ground. For Delivery to a location without a receiving dock.
- **Ship Complete** – All items on order are shipped together on one delivery. No Partial Shipments.
- **Dock to Dock** – From Manufacturing location to your Receiving Dock
- **Depot White Glove Delivery** – equipment received at Thermo Fisher Scientific depot, uncrated, tested and then delivery scheduled to customers location with assembly/stacking as required. Unit to be set in place and customer instructions provided.

## TERMS AND CONDITIONS OF SALE

These Terms and Conditions of Sale apply to purchases from one or more of the following Thermo Fisher Scientific Inc. affiliates, including Capital Vial, Inc., Chase Scientific Glass, Inc.; EP Scientific Products LLC, Fiberlite Centrifuge LLC, Molecular BioProducts, Inc., Nalge Nunc International Corporation, Thermo Fisher Scientific (Asheville) LLC or Thermo Orion Inc. (each, a "Seller"). Unless otherwise expressly agreed in writing, all sales are subject to the following Terms and Conditions.

1. **GENERAL.** The Seller hereby offers for sale to the buyer ("Buyer") the products listed on the face hereof (the "Products") on the express condition that Buyer agrees to accept and be bound by the terms and conditions set forth herein. Any provisions contained in any document issued by Buyer are expressly rejected and if the terms and conditions in this Agreement differ from the terms of Buyer's offer, this document shall be construed as a counter offer and shall not be effective as an acceptance of Buyer's document. Buyer's receipt of Products or Seller's commencement of the services provided hereunder will constitute Buyer's acceptance of this Agreement. This is the complete and exclusive statement of the contract between Seller and Buyer with respect to Buyer's purchase of the Products. No waiver, consent, modification, amendment or change of the terms contained herein shall be binding unless in writing and signed by Seller and Buyer. Seller's failure to object to terms contained in any subsequent communication from Buyer will not be a waiver or modification of the terms set forth herein. All orders are subject to acceptance in writing by an authorized representative of Seller.

2. **PRICE.** All prices published by Seller or quoted by Seller's representatives may be changed at any time without notice. All prices quoted by Seller or Seller's representatives are valid for thirty (30) days, unless otherwise stated in writing. All prices for the Products will be as specified by Seller or, if no price has been specified or quoted, will be Seller's price in effect at the time of shipment. All prices are subject to adjustment on account of specifications, quantities, raw materials, cost of production, shipment arrangements or other terms or conditions which are not part of Seller's original price quotation.

3. **TAXES AND OTHER CHARGES.** Prices for the Products exclude all sales, value added and other taxes and duties imposed with respect to the sale, delivery, or use of any Products covered hereby, all of which taxes and duties must be paid by Buyer. If Buyer claims any exemption, Buyer must provide a valid, signed certificate or letter of exemption for each respective jurisdiction.

4. **TERMS OF PAYMENT.** Seller may invoice Buyer upon shipment for the price and all other charges payable by Buyer in accordance with the terms on the face hereof. If no payment terms are stated on the face hereof, payment shall be net thirty (30) days from the date of invoice. If Buyer fails to pay any amounts when due, Buyer shall pay Seller interest thereon at a periodic rate of one and one-half percent (1.5%) per month (or, if lower, the highest rate permitted by law), together with all costs and expenses (Including without limitation reasonable attorneys' fees and disbursements and court costs) incurred by Seller in collecting such overdue amounts or otherwise enforcing Seller's rights hereunder. Seller reserves the right to require from Buyer full or partial payment in advance, or other security that is satisfactory to Seller, at any time that Seller believes in good faith that Buyer's financial condition does not justify the terms of payment specified. All payments shall be made in U.S. Dollars.

5. **DELIVERY; CANCELLATION OR CHANGES BY BUYER; ACCEPTANCE & RETURNS.** Unless otherwise specified on the face of Seller's quote, the Products will be shipped to the destination specified by Buyer, FCA (Incoterms 2020) Seller's shipping point. Seller will have the right, at its election, to make partial shipments of the Products and to invoice each shipment separately. Seller reserves the right to stop delivery of Products in transit and to withhold shipments in whole or in part if Buyer fails to make any payment to Seller when due or otherwise fails to perform its obligations hereunder. All shipping dates are approximate only, and Seller will not be liable for any loss or damage resulting from any delay in delivery or failure to deliver which is due to any cause beyond Seller's reasonable control. In the event of a delay due to any cause beyond Seller's reasonable control, Seller reserves the right to terminate the order or to reschedule the shipment within a reasonable period of time; Buyer will not be entitled to refuse delivery or otherwise be relieved of any obligations as the result of such delay. Products as to which delivery is delayed due to any cause within Buyer's control may be placed in storage by Seller at Buyer's risk and expense and for Buyer's account. Orders in process may be canceled only with Seller's written consent and upon

payment of Seller's cancellation charges. Orders in process may not be changed except with Seller's written consent and upon agreement by the parties as to an appropriate adjustment in the purchase price therefor. Credit will not be allowed for Products returned without the prior written consent of Seller. All orders of specialized, private labeled, customized and non-stock products are subject to a cancellation charge of up to 100% of the purchase price. For additional terms regarding Product acceptance and returns, please visit Seller's Product Acceptance and Return Policy page at [www.thermofisher.com/productpolicy](http://www.thermofisher.com/productpolicy), the terms of which are incorporated herein by reference, and which may be amended from time to time.

6. **TITLE AND RISK OF LOSS.** Notwithstanding the trade terms indicated above and subject to Seller's right to stop delivery of Products in transit, title to & risk of loss to the Products will pass to Buyer upon delivery of possession of the Products by Seller to the carrier; provided, however, that title to any software incorporated within or forming a part of the Products shall at all times remain with Seller or the licensor(s) thereof, as the case may be.

7. **WARRANTY.** Seller warrants that the Products will operate or perform substantially in conformance with Seller's published specifications and be free from defects in material and workmanship, when subjected to normal, proper and intended usage by properly trained personnel, for the period of time set forth in the product documentation, published specifications or package inserts. If a period of time is not specified in Seller's product documentation, published specifications or package inserts, the warranty period shall be one (1) year from the date of shipment to Buyer for equipment and ninety (90) days for all other products (the "Warranty Period"). During the Warranty Period, Seller agrees in its sole discretion, to repair or replace Products and/or provide additional parts or services as reasonably necessary to cause the Products to perform in substantial conformance with said published specifications; provided that Buyer shall (a) promptly notify Seller in writing upon the discovery of any defect, which notice shall include the product model and serial number (if applicable) and details of the warranty claim; and (b) after Seller's review, Seller will provide Buyer with service data and/or a Return Material Authorization ("RMA"), which may include biohazard decontamination procedures and other product-specific handling instructions, then, if applicable, Buyer may return the defective Products to Seller with all costs prepaid by Buyer. Seller further reserves the right in its sole discretion to extend any Warranty Period if at the time that the Warranty Period would otherwise expire there are ongoing concerns regarding a Product's conformance to the warranty stated herein. Replacement parts may be new or refurbished, at the election of Seller. All replaced parts shall become the property of Seller. Shipment to Buyer of repaired or replacement Products shall be made in accordance with the Delivery provisions of the Seller's Terms and Conditions of Sale. If Seller elects to repair defective medical device instruments, Seller may, in its sole discretion, provide a replacement loaner instrument to Buyer as necessary for use while the instruments are being repaired.

Notwithstanding the foregoing, Products supplied by Seller that are obtained by Seller from an original manufacturer or third party supplier are not warranted by Seller, but Seller agrees to assign to Buyer any warranty rights in such Product that Seller may have from the original manufacturer or third party supplier, to the extent such assignment is allowed by such original manufacturer or third party supplier.

In no event shall Seller have any obligation to make repairs, replacements or corrections required, in whole or in part, as the result of (i) normal wear and tear, (ii) accident, disaster or event of force majeure, (iii) misuse, fault or negligence of or by Buyer, (iv) use of the Products in a manner for which they were not designed, (v) causes external to the Products such as, but not limited to, power failure or electrical power surges, (vi) improper storage and handling of the Products or (vii) use of the Products in combination with equipment or software not supplied by Seller. If Seller determines that Products for which Buyer has requested warranty services are not covered by the warranty hereunder, Buyer shall pay or reimburse Seller for all costs of investigating and responding to such request at Seller's then prevailing time and materials rates. If Seller provides repair services or replacement parts that are not covered by this warranty, Buyer shall pay Seller therefor at Seller's then prevailing time and materials rates. ANY INSTALLATION, MAINTENANCE, REPAIR, SERVICE, RELOCATION OR ALTERATION TO OR OF, OR OTHER TAMPERING WITH, THE PRODUCTS PERFORMED BY ANY PERSON OR ENTITY OTHER THAN SELLER WITHOUT SELLER'S PRIOR WRITTEN APPROVAL, OR ANY USE OF REPLACEMENT PARTS NOT SUPPLIED BY SELLER, SHALL IMMEDIATELY VOID AND CANCEL ALL WARRANTIES WITH RESPECT TO THE AFFECTED PRODUCTS.

THE OBLIGATIONS CREATED BY THIS WARRANTY TO REPAIR OR REPLACE A DEFECTIVE PRODUCT SHALL BE THE SOLE REMEDY OF BUYER IN THE EVENT OF A DEFECTIVE PRODUCT. EXCEPT AS PROVIDED HEREIN, SELLER DISCLAIMS ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, ORAL OR WRITTEN, WITH RESPECT TO THE PRODUCTS, INCLUDING WITHOUT LIMITATION ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. SELLER DOES NOT WARRANT THAT THE PRODUCTS ARE ERROR-FREE OR WILL ACCOMPLISH ANY PARTICULAR RESULT.

## 8. INDEMNIFICATION.

8.1 By Seller. Seller agrees to indemnify, defend and save Buyer, its officer, directors, and employees from and against any and all damages, liabilities, actions, causes of action, suits, claims, demands, losses, costs and expenses (including without limitation reasonable attorney's fees) ("Indemnified Items") for (i) injury to or death of persons or damage to property to the extent caused by the negligence or willful misconduct of Seller, its employees, agents or representatives or contractors in connection with the performance of services at Buyer's premises under this Agreement and (ii) claims that a Product infringes any valid United States patent, copyright or trade secret; provided, however, Seller shall have no liability under this Section to the extent any such Indemnified Items are caused by either (i) the negligence or willful misconduct of Buyer, its employees, agents or representatives or contractors, (ii) by any third party, (iii) use of a Product in combination with equipment or software not supplied by Seller where the Product would not itself be infringing, (iv) compliance with Buyer's designs, specifications or instructions, (v) use of the Product in an application or environment for which it was not designed or (vi) modifications of the Product by anyone other than Seller without Seller's prior written approval. Buyer shall provide Seller prompt written notice of any third party claim covered by Seller's indemnification obligations hereunder. Seller shall have the right to assume exclusive control of the defense of such claim or, at the option of the Seller, to settle the same. Buyer agrees to cooperate reasonably with Seller in connection with the performance by Seller of its obligations in this Section.

Notwithstanding the above, Seller's infringement related indemnification obligations shall be extinguished and relieved if Seller, at its discretion and at its own expense (a) procures for Buyer the right, at no additional expense to Buyer, to continue using the Product; (b) replaces or modifies the Product so that it becomes non-infringing, provided the modification or replacement does not adversely affect the specifications of the Product; or (c) in the event (a) and (b) are not practical, refund to Buyer the amortized amounts paid by Buyer with respect thereto, based on a five (5) year amortization schedule. THE FOREGOING INDEMNIFICATION PROVISION STATES SELLER'S ENTIRE LIABILITY TO BUYER FOR THE CLAIMS DESCRIBED HEREIN.

8.2 By Buyer. Buyer shall indemnify, defend with competent and experienced counsel and hold harmless Seller, its parent, subsidiaries, affiliates and divisions, and their respective officers, directors, shareholders and employees, from and against any and all damages, liabilities, actions, causes of action, suits, claims, demands, losses, costs and expenses (including without limitation reasonable attorneys' fees and disbursements and court costs) to the extent arising from or in connection with (i) the negligence or willful misconduct of Buyer, its agents, employees, representatives or contractors; (ii) use of a Product in combination with equipment or software not supplied by Seller where the Product itself would not be infringing; (iii) Seller's compliance with designs, specifications or instructions supplied to Seller by Buyer; (iv) use of a Product in an application or environment for which it was not designed; or (v) modifications of a Product by anyone other than Seller without Seller's prior written approval.

9. SOFTWARE. With respect to any software products incorporated in or forming a part of the Products hereunder, Seller and Buyer intend and agree that such software products are being licensed and not sold, and that the words "purchase", "sell" or similar or derivative words are understood and agreed to mean "license", and that the word "Buyer" or similar or derivative words are understood and agreed to mean "licensee". Notwithstanding anything to the contrary contained herein, Seller or its licensor, as the case may be, retains all rights and interest in software products provided hereunder. Seller hereby grants to Buyer a royalty-free, non-exclusive, nontransferable license, without power to sublicense, to use software provided hereunder solely for Buyer's own internal business purposes on the hardware products provided hereunder and to use the related documentation solely for Buyer's own internal business purposes. This license terminates when Buyer's lawful possession of the hardware products provided hereunder ceases, unless earlier terminated as provided herein. Buyer agrees to hold in confidence and not to sell, transfer, license,

loan or otherwise make available in any form to third parties the software products and related documentation provided hereunder. Buyer may not disassemble, decompile or reverse engineer, copy, modify, enhance or otherwise change or supplement the software products provided hereunder without Seller's prior written consent. Seller will be entitled to terminate this license if Buyer fails to comply with any term or condition herein. Buyer agrees, upon termination of this license, immediately to return to Seller all software products and related documentation provided hereunder and all copies and portions thereof. Certain of the software products provided by Seller may be owned by one or more third parties and licensed to Seller. Thus, Seller and Buyer agree that such third parties retain ownership of and title to such software products. The warranty and indemnification provisions set forth herein shall not apply to software products owned by third parties and provided hereunder.

10. LIMITATION OF LIABILITY. NOTWITHSTANDING ANYTHING TO THE CONTRARY CONTAINED HEREIN, THE LIABILITY OF SELLER UNDER THESE TERMS AND CONDITIONS (WHETHER BY REASON OF BREACH OF CONTRACT, TORT, INDEMNIFICATION, OR OTHERWISE, BUT EXCLUDING LIABILITY OF SELLER FOR BREACH OF WARRANTY (THE SOLE REMEDY FOR WHICH SHALL BE AS PROVIDED UNDER SECTION 7 ABOVE)) SHALL NOT EXCEED AN AMOUNT EQUAL TO THE LESSER OF (A) THE TOTAL PURCHASE PRICE THERETOFORE PAID BY BUYER TO SELLER WITH RESPECT TO THE PRODUCT(S) GIVING RISE TO SUCH LIABILITY OR (B) ONE MILLION DOLLARS (\$1,000,000). NOTWITHSTANDING ANYTHING TO THE CONTRARY CONTAINED HEREIN, IN NO EVENT SHALL SELLER BE LIABLE FOR ANY INDIRECT, SPECIAL, CONSEQUENTIAL OR INCIDENTAL DAMAGES (INCLUDING WITHOUT LIMITATION DAMAGES FOR LOSS OF USE OF FACILITIES OR EQUIPMENT, LOSS OF REVENUE, LOSS OF DATA, LOSS OF PROFITS OR LOSS OF GOODWILL), REGARDLESS OF WHETHER SELLER (a) HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES OR (b) IS NEGLIGENT.

11. EXPORT RESTRICTIONS Buyer acknowledges that each Product and any related software and technology, including technical information supplied by Seller or contained in documents (collectively "Items"), is subject to export controls of the U.S. government. The export controls may include, but are not limited to, those of the Export Administration Regulations of the U.S. Department of Commerce (the "EAR"), which may restrict or require licenses for the export of Items from the United States and their re-export from other countries. Buyer shall comply with the EAR and all other applicable laws, regulations, laws, treaties, and agreements relating to the export, re-export, and import of any Item. Buyer shall not, without first obtaining the required license to do so from the appropriate U.S. government agency; (i) export or re-export any Item, or (ii) export, re-export, distribute or supply any Item to any restricted or embargoed country or to a person or entity whose privilege to participate in exports has been denied or restricted by the U.S. government. Buyer shall, if requested by Seller, provide information on the end user and end use of any Item exported by the Buyer or to be exported by the Buyer. Buyer shall cooperate fully with Seller in any official or unofficial audit or inspection related to applicable export or import control laws or regulations, and shall indemnify and hold Seller harmless from, or in connection with, any violation of this Section by Buyer or its employees, consultants, or agents.

12. MEDICARE/MEDICAID REPORTING REQUIREMENTS: If Buyer is a recipient of Medicare/Medicaid funds, Buyer acknowledges that it has been informed of and agrees to fully and accurately account for, and report on its applicable cost report, the total value of any discount, rebate or other compensation paid hereunder in a way that complies with all applicable federal, state and local laws and regulations which establish "Safe Harbor" for discounts. Buyer shall make written request to Seller in the event Buyer requires additional information from Seller in order to meet its reporting requirements. Buyer acknowledges that agreement to such reporting requirement was a condition precedent to Seller's agreement to provide Products and that Seller would not have entered into this Agreement had Buyer not agreed to comply with such obligations.

13. MISCELLANEOUS. (a) Buyer may not delegate any duties nor assign any rights or claims hereunder without Seller's prior written consent, and any such attempted delegation or assignment shall be void. (b) The rights and obligations of the parties hereunder shall be governed by and construed in accordance with the laws of the State of Seller's manufacturing location, without reference to its choice of law provisions. Each party hereby irrevocably consents to the exclusive jurisdiction of the state and federal courts located in the county and state of Seller's manufacturing location, in any action arising out of or relating to this Agreement. (c) Both parties waive any right they may have under applicable law or otherwise to a right to a trial by jury. Any action arising under this Agreement must be brought within one (1) year from the date that the cause of action arose. (d) The application to this Agreement of the U.N. Convention on Contracts for the International Sale of Goods is hereby expressly excluded.



(e) In the event that any one or more provisions contained herein shall be held by a court of competent jurisdiction to be invalid, illegal or unenforceable in any respect, the validity, legality and enforceability of the remaining provisions contained herein shall remain in full force and effect, unless the revision materially changes the bargain. (f) Seller's failure to enforce, or Seller's waiver of a breach of, any provision contained herein shall not constitute a waiver of any other breach or of such provision. (g) Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, *in vitro* diagnostic uses, *ex vivo* or *in vivo* therapeutic uses, or any type of consumption by or application to humans or animals. (h) Buyer agrees that all pricing, discounts and technical information that Seller provides to Buyer are the confidential and proprietary information of Seller. Buyer agrees to (1) keep such information confidential and not disclose such information to any third party, and (2) use such information solely for Buyer's internal purposes and in connection with the Products supplied hereunder. Nothing herein shall restrict the use of information available to the general public. (i) Any notice or communication required or permitted hereunder shall be in writing and shall be deemed received when personally delivered or three (3) business days after being sent by certified mail, postage prepaid, to a party at the address specified herein or at such other address as either party may from time to time designate to the other. (j) Seller may, in its sole discretion, provide (1) applicable Product training to Buyer or its employees, or (2) samples of Products to Buyer for distribution to patients of Buyer. Buyer agrees that any such samples shall be distributed to patients for patient use or, if not so distributed, returned to Seller. Buyer shall not use such samples to provide care to patient and shall not bill patients or third party payers for the provision of such samples.

**From:** "Kevin Kalita" <[kevin.kalita@schindler.com](mailto:kevin.kalita@schindler.com)>  
**To:** "Diana Rogers" <[rogersd@bhsj.org](mailto:rogersd@bhsj.org)>, "Diana Rogers" <[Fitzmauricer@bhsj.org](mailto:Fitzmauricer@bhsj.org)>  
**Sent:** Wednesday, June 7, 2023 10:11:17 AM  
**Subject:** Elevator (20 Care Dr) = New code mandated upgrade

Good morning,

The State of Michigan elevator division recently adopted a new revision of elevator code (letter attached) that mandates "door lock monitoring" be installed on all elevators. Grandfathering in does not apply here so all elevators must have this equipped before 6/27/2024 or local state inspectors will start writing correction orders with continuing fines. To begin, elevators installed in 2002 and newer have this function built into their controllers that we can simply re-program with new software, etc. however your elevator was installed in 1995 so that option is not available. In your case, we must install a separate door lock monitoring controller that then ties into your existing elevator controller to monitor every floor's door locks.

This is all being fast tracked across the United States because a riding passenger was killed in NYC 8 years ago when it could have been fully prevented if this device had been installed on that elevator. Now, 10 states, including Michigan have already adopted this new code with many more closely behind. Furthermore, every one of these involves custom engineering as we have to get prints marked up from our engineering group along with adapting a custom DLM controller to pair with your existing elevator.

We completely understand this is a lot of money and a fully unbudgeted cost which is why we are offering this as low as we possibly can but this is a large undertaking with a lot of work involved in each and every one. We have an entire division set aside just for these upgrades because Schindler has made their own Door Lock Monitoring device to help keep costs down. However, this upgrade will take close to a week to install with weeks of material leadtime. I personally have hundreds of these in my area alone so the sooner we can get your approval, the sooner we can get this installed. I mention this because we are going to inevitably hit a bottleneck on these where leadtimes increase & labor is not available. The State of Michigan has granted a 1-year grace period (ends 6/27/24) but that will go by quickly, especially with a 3-month material leadtime.

Please review the attached proposal, brochure & code reference and let me know what questions you have. Please remember we require 50% down payments so this could potentially be divided up into 2023 / 2024 if approved this summer/fall.

All the best,

Kevin Kalita | Sales Rep EI  
Fax 5172721240 | Mobile 616-262-9178  
[kevin.kalita@schindler.com](mailto:kevin.kalita@schindler.com)

Schindler Elevator Corporation | District Michigan  
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Lansing, MI 48911, United States

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**We Elevate**



GRETCHEN WHITMER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS  
LANSING

ORLENE HAWKS  
DIRECTOR

DATE: May 2, 2023

SUBJECT: Elevator Rules Update

The Bureau of Construction Codes is pleased to announce that the new elevator rules have been approved and are available for review here: [\\*New\\* Elevator Rules 6/27](#). These rules, including the updated code and fees, will be effective June 27, 2023. Any permits applied for and/or approved prior to 6/27/2023 will be reviewed and inspected using the existing rules and fee structure.

The Bureau is currently working to update all the licensing exams to reflect changes in the newly adopted codes: ASME 17.1-2016, ASME 17.2-2017, ASME 17.3-2017, ASME 18.1-2017, ASME A90.1-2009, ASME A10.4-2016, and NFPA 70 (Michigan Electrical Code). Testing for elevator licenses will continue to be based upon the existing rules, and further information will be provided when the revised licensing exams will be implemented.

If there are any questions, please send those to [elevsafety@michigan.gov](mailto:elevsafety@michigan.gov) with a subject of "New Rules Questions" to ensure proper routing.

Sincerely,

Andrew Brisbo, Director

Bureau of Construction Codes

# Door Lock Monitoring

## Code Explanations

### Door Lock Monitoring (DLM)

Door lock monitoring has been included as a requirement in ASME 17.1 (1996) for traction elevators. ASME A17.1-2000 was designed to add this requirement to Hydro elevators as well. It can typically be found in all elevator controls built to meet code requirements based on when each individual state adopted these two codes.

#### National Code

Per ASME A17.3 (2015), all automatic passenger and freight elevators must provide a system to monitor and prevent automatic operation with faulty door contact circuits.

#### State Code

Individual States can adopt the latest ASME codes at a time of their choosing

#### AHJ Building Codes

Individual City or State AHJ's may have specific requirements for items such as Fire Service Operation (eg, NYC Fire Code vs National). Typically, the City or State codes will override the ASME code or the more stringent of the two codes prevails

### ASME A17.1 vs A17.3 Clarification

#### A17.1 – Focus is on NI, Mod and Major Alterations

- Covers the standard provisions that New Installations must conform to.
- Existing units aren't required to conform until a unit is Modernized or a Major Alteration is performed on the unit.
  - The code version required to "conform" to is the latest A17.1 version that the individual state has adopted, **not** the latest national A17.1 that exists
- Existing units are typically "grand-fathered" in

#### A17.3 – Focus is on Existing Elevators

- Covers many of the same areas as A17.1
- Retroactive requirements on existing elevators
- Differs in that it sets a minimum standard for what safety features and maintenance measures must be in place for **any** elevator, regardless of its age for the safety of the general public.
- Existing units no longer "grand-fathered" in

**SCHINDLER ELEVATOR CORPORATION**

135 East Bennett St.  
Saline, MI 48176  
Phone: 616-262-9178  
Email: kevin.kalita@schindler.com



**UPGRADE ORDER AGREEMENT**

**Date:** 6/01/2023

**Contract #:** \_\_\_\_\_ (Schindler will fill out for you)

**Building Address:** \_\_\_\_\_ (Please fill out)

\_\_\_\_\_  
\_\_\_\_\_

To Whom it May Concern:

The Michigan Bureau of Elevator Safety has adopted the ASME A17.3-2015 Elevator Safety Code for existing Elevators & Escalators effective 06/27/2023. This adoption specifies Door Lock Monitoring as a retroactive safety requirement, to be installed on all existing elevators by 6/27/2024.

Schindler Elevator Corporation solution is the installation of our Schindler Door Lock Monitoring device. Our solution complies with ASME A17.1/CSA B44 codes and is designed for quick, effective integration into all leading brands of elevators. The DLM module detects door position, monitors for faults within the door circuitry, and prevents the elevator from running if any abnormalities are detected.

Get a jump start on the code compliance due date and avoid potential installation bottlenecks by ordering your DLM upgrade early. Order fulfillment can take 12+ weeks, and we expect an increasing risk of manpower constraints as we approach the compliance deadline. Once the deadline arrives, state inspectors will be performing inspections & writing correction orders with continuing fines until this upgrade is installed.

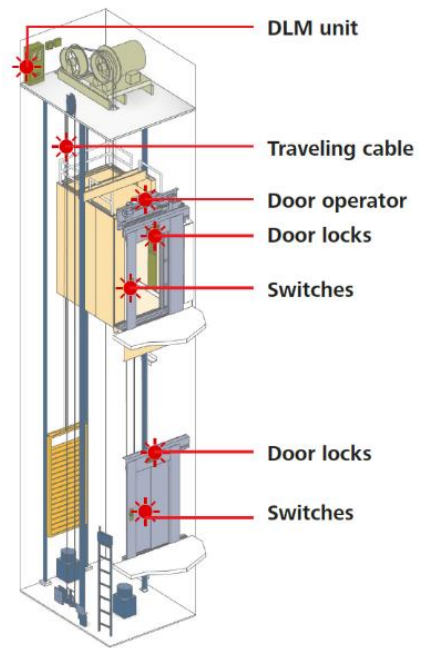
**Scope of work:**

We propose to provide all labor, material, engineering, and supervision required to perform the following scope of work during regular working hours of the elevator trade:

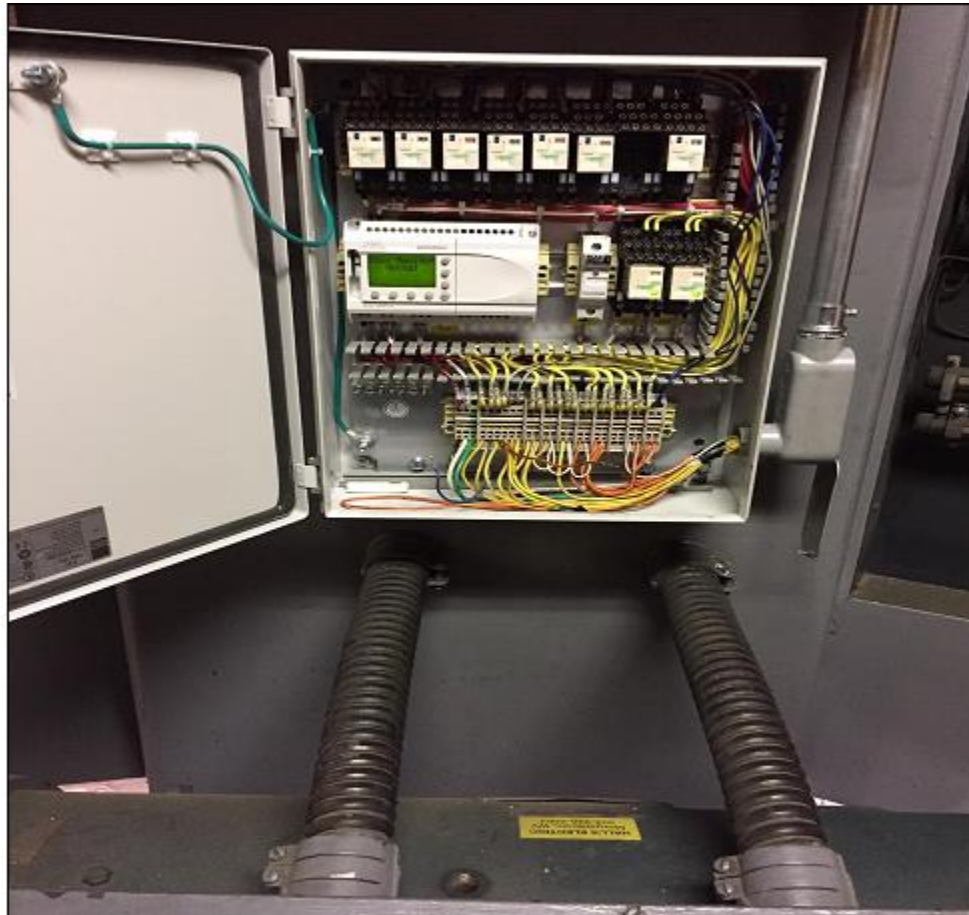
- Apply for all necessary permits from the State of Michigan
- Install the door lock monitoring controller and cross connect it with your existing controller
- Perform all necessary adjustments
- Perform final acceptance with local state inspector
- Return elevator back in service
  - o Pictures & further explanation continued on next page

Our installation will conform with ASME rule A17.3-2015 3.10.12 to Monitor and Prevent Automatic Operation of the Elevator in the event of Faulty Door Contact Circuits, requiring that the position of all mechanically coupled doors be monitored in order to:

- a.) prevent the operation of the car if the cab doors are not closed; and
- b.) prevent the power-closing of the doors if the cab doors are fully open and;
  - [i.] the car door contact is closed or bypassed; or
  - [ii.] the interlock contact which is coupled to the open car door is closed or bypassed; or
  - [iii.] both the car door contact and associated interlock contact are closed or bypassed.



- Door Lock Monitoring controller being furnish and installed:



The below price is contingent upon a final sight equipment survey to verify any abnormal site conditions that would require additional work such as remote machine rooms, bi-parting doors, etc.

**Price:** \$29,704.00, plus applicable taxes. (Quotations valid for 60 days; price based upon work during regular working hours of regular working days)

**Payment:** 50% of the price is due upon acceptance of this proposal.  
40% of the price is due as work progresses within 30 days of invoice;  
Balance due upon completion, within 30 days of invoice.

Schindler reserves the right not to source material or schedule labor for the above quoted work until payment in full has been received.

Payable in full within 30 days of invoice. Schindler retains title to any equipment furnished hereunder until final payment is made. Late or non-payment will result in assessment of interest charged at a rate of 1 1/2% per month or the highest legal rate available, and any attorneys' fees, expenses, and costs of collection. The customer understands that this is a fixed price proposal. Supporting documentation for materials and/or labor shall not be a condition precedent for payment in full to be made to Schindler.

**Option #1:** Extend service contract by five (5) years for 10% savings of this order. (> than \$2,500 in savings)

Acceptance of Option #1 (Initial):

- This upgrade order agreement price will be adjusted by 10% as noted above, subject to all terms and conditions of the original agreement including, without limitation, the annual provision for price adjustment.

**Option #2:** Extend service contract by ten (10) years for 20% savings of this order. (> than \$5,500 in savings)

Acceptance of Option #2 (Initial):

- The contract price will be adjusted as noted above along with a Three-year extension of our current subject to all terms and conditions of the original agreement including, the annual provision for price adjustment.

**The attached terms and conditions** are incorporated herein by reference.

Acceptance by you as owner's agent or authorized representative and subsequent approval by our authorized representative will be required to validate this agreement.

Proposed:

\_\_\_\_\_

By: Kevin Kalita

For: Schindler Elevator Corporation

Title: Sales Representative

Date: \_\_\_\_\_

Accepted:

\_\_\_\_\_

By: \_\_\_\_\_

For: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Approved:

\_\_\_\_\_

By: Walter Czekaj

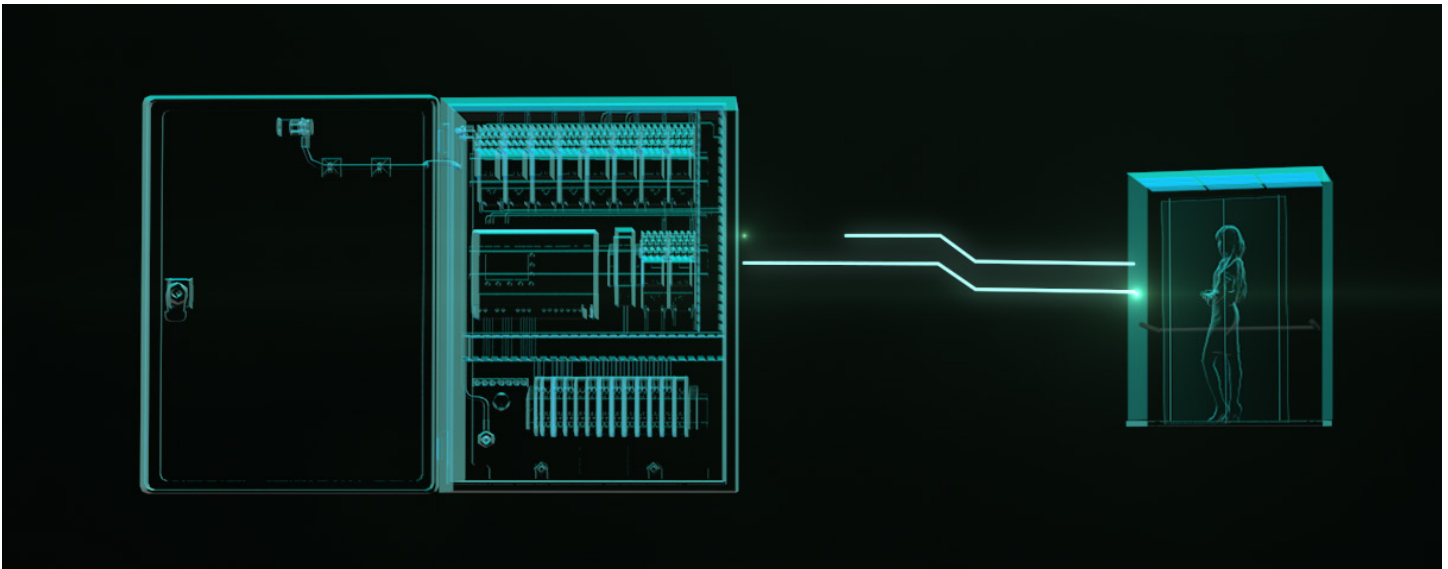
Title: T.V.P.

Date: \_\_\_\_\_



## TERMS AND CONDITIONS

1. Any changes to the building to meet local or state codes are to be made by Purchaser. Any changes in the Work required due to building conditions discovered in the performance of the Work will be paid by Purchaser.
2. No work, service materials or equipment other than as specified hereunder is included or intended.
3. Purchaser retains its normal responsibilities as Owner of the equipment which is subject of this Agreement.
4. Schindler will not be liable for damages of any kind, in excess of the Price of this Agreement, nor in any event for special, indirect, consequential or liquidated damages.
5. Any cutting and patching is by others and not included in this work.
6. Neither party shall be responsible for any loss, damage, detention or delay caused by labor trouble or disputes, strikes, lockouts, fire, explosion, theft, lightning, wind storm, earthquake, floods, epidemics, pandemics, storms, riot, civil commotion, malicious mischief, embargoes, shortages of materials or workmen, unavailability of material from usual sources, government priorities or requests or demands of the National Defense Program, civil or military authority, war, insurrection, failure to act on the part of either party's suppliers or subcontractors, orders or instructions of any federal, state, or municipal government or any department or agency thereof, acts of God, or by any other cause beyond the reasonable control of either party. Dates for the performance or completion of the work shall be extended by such delay of time as may be reasonably necessary to compensate for the delay.
7. We warrant that the work will comply with the specifications and that there will be no defects in materials or workmanship for one year after completion of the work or acceptance thereof by beneficial use, whichever is earlier. Our duty under this warranty is to correct nonconformance or defect at our expense within a reasonable time after the receipt of notice. THE EXPRESS WARRANTIES CONTAINED HEREIN ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Purchaser's remedies hereunder are exclusive.
8. Purchaser agrees to defend, indemnify and hold Schindler harmless from and against any claims, lawsuits, demands, judgments, damages, costs and expenses arising out of this Agreement except to the extent caused by or resulting from the sole and direct fault of Schindler.
9. For non-maintenance contract customers, Customer hereby agrees, without limitation, to defend, indemnify, release and hold harmless Schindler and its employees, affiliates, divisions, parent entities, predecessors and successors, representatives and agents from and against all claims, liabilities, losses, injuries, death, damages, fines, penalties, payments, costs, and expenses (including reasonable attorneys' fees and expenses) arising out of or relating to the Work performed by Schindler under this Agreement.  
**INSURANCE:** At a minimum, Customer shall provide to Schindler, insurance coverages as set forth within, and a certificate of insurance evidencing such coverage: Comprehensive General Liability (including Products Liability, Completed Operations, Broad Form Property damage, and Blanket Contractual Liability) in the amounts of \$2M per occurrence, \$5M aggregate. Schindler Holding, Ltd., Schindler Elevator Corporation, and Schindler Enterprises, Inc. shall be named as additional insureds on the above referenced policies, pursuant to ISO Form CG 2010 11/85, and shall appear as such on the Certificate of Insurance. Insurance shall provide a waiver of subrogation in favor of the entities named as additional insureds. Insurance shall be primary over any other valid and collectible insurance. Any deductible / retention is the responsibility of the Named Insured.
10. Any proprietary material, information, data or devices contained in the equipment or work provided hereunder, or any component or feature thereof, remains our property. This includes, but is not limited to, any tools, devices, manuals, software, modems, source/ access/ object codes, passwords. In the event Schindler's maintenance obligation is terminated, the Schindler Ahead features ("SA") (if applicable) will be deactivated and Schindler reserves the right to remove the Schindler Ahead hardware. If Schindler is no longer the maintenance provider, Customer is responsible for obtaining alternative telephone service for the elevator phones.
11. In the event of governmental changes to applicable tariffs, tax rates, including but not limited to sales tax, use tax, excise tax, privilege tax, transaction tax and similar changes, or loss of tax exempt status, Schindler reserves the rights to adjust the contract price accordingly to account for all additional cost impacts.
12. We reserve the right to modify price and schedule without penalty due to material or component shortages, increases in inflation and/or material price increases based upon the S&P Material Price Index (MPI).



# Schindler Door Lock Monitor Upgrade

## The Schindler Door Lock Monitor

The Schindler Door Lock Monitor upgrade brings safety enhancements to your elevator. It is a simple, fast, and code-compliant upgrade that can help reduce accidents and your liability exposure.

Our Door Lock Monitor complies with ASME A17.1/CSA B44 codes and is designed for quick, effective integration into all leading brands of elevators.

### How it works

Using a small programmable logic controller (PLC), the system automatically:

- Monitors for shorts across door lock and car gate switch circuits
- Detects door position
- Prevents the car from running once a fault is detected
- Detects failure modes of the Door Lock Monitor (i.e. failed input relays and signals).

When needed, troubleshooting the system is easy. The status of the door monitor is indicated on the PLC display along with any “fault codes” it has detected. These codes enable our technician to spend less time on diagnostics and more time implementing a resolution. Your elevator is returned to service faster.



The Schindler Door Lock Monitor is designed to meet the most current codes for safely monitoring elevator doors.



# Schindler – We Elevate

For more information, including the location of the Schindler office nearest you, please visit:

U.S. Headquarters. Morristown, New Jersey  
Tel. 973.397.6500  
[www.us.schindler.com](http://www.us.schindler.com)

Canada Headquarters. Toronto, Ontario  
Tel. 416.332.8280  
[www.ca.schindler.com](http://www.ca.schindler.com)

**We Elevate**



2022-07-17 BoH Finance Committee Materials - Page 27



Schindler has received renewal to ISO 9001 and ISO 14001 certificates.



Schindler prints with vegetable-based ink on paper containing post-consumer waste fiber.  
© Schindler Elevator Corporation

**From:** "Kevin Kalita" <kevin.kalita@schindler.com>  
**To:** "Diana Rogers" <rogersd@bhsj.org>, "Diana Rogers" <Fitzmauricer@bhsj.org>  
**Sent:** Friday, July 14, 2023 11:20:47 AM  
**Subject:** RE: Elevator (20 Care Dr) = New code mandated upgrade

Good morning,

Good news for you just came out 2 days ago from the State of Michigan elevator division. Someone with some power must have complained about the timeline and only having a year to get these all installed because we just got notified of an extension giving all customers ~4 years. This door lock monitoring now has to be completed by 12/31/2027. I always believe in complete transparency and wanted to pass this along ASAP.

Good news #2 = My parts division ordered a million of these door lock monitoring units because of the sheer number of units in Michigan that need this and they are taking up a ton of space in our warehouse that we can't afford long term I guess. Thus, they are offering me a discount if bought this year (2023). Thus, I have attached a revised proposal that cuts 10% off the sale price that is attached if approved in 2023. It still has to be done so why not save some money now and get this taken care of. If you wait, things are only going to increase in price, timeline, etc.

The updated elevator announcement is attached with the updated proposal. Please review and let me know.

Thank you,

Kevin Kalita | Sales Rep EI  
Mobile 616-262-9178  
[kevin.kalita@schindler.com](mailto:kevin.kalita@schindler.com)  
[www.schindler.com](http://www.schindler.com)

**SCHINDLER ELEVATOR CORPORATION**

135 East Bennett St.  
Saline, MI 48176  
Phone: 616-262-9178  
Email: kevin.kalita@schindler.com



**UPGRADE ORDER AGREEMENT**

**Date:** 7/14/2023

**Contract #:** \_\_\_\_\_ (Schindler will fill out for you)

**Building Address:** \_\_\_\_\_ (Please fill out)

\_\_\_\_\_  
\_\_\_\_\_

To Whom it May Concern:

The Michigan Bureau of Elevator Safety has adopted the ASME A17.3-2015 Elevator Safety Code for existing Elevators & Escalators effective 06/27/2023. This adoption specifies Door Lock Monitoring as a retroactive safety requirement, to be installed on all existing elevators by 6/27/2024.

Schindler Elevator Corporation solution is the installation of our Schindler Door Lock Monitoring device. Our solution complies with ASME A17.1/CSA B44 codes and is designed for quick, effective integration into all leading brands of elevators. The DLM module detects door position, monitors for faults within the door circuitry, and prevents the elevator from running if any abnormalities are detected.

Get a jump start on the code compliance due date and avoid potential installation bottlenecks by ordering your DLM upgrade early. Order fulfillment can take 12+ weeks, and we expect an increasing risk of manpower constraints as we approach the compliance deadline. Once the deadline arrives, state inspectors will be performing inspections & writing correction orders with continuing fines until this upgrade is installed.

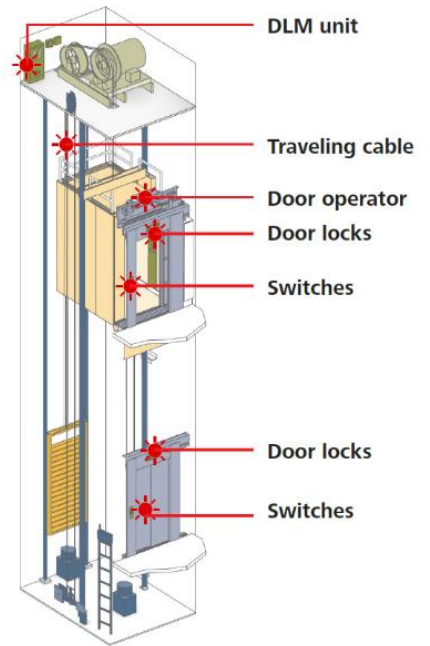
**Scope of work:**

We propose to provide all labor, material, engineering, and supervision required to perform the following scope of work during regular working hours of the elevator trade:

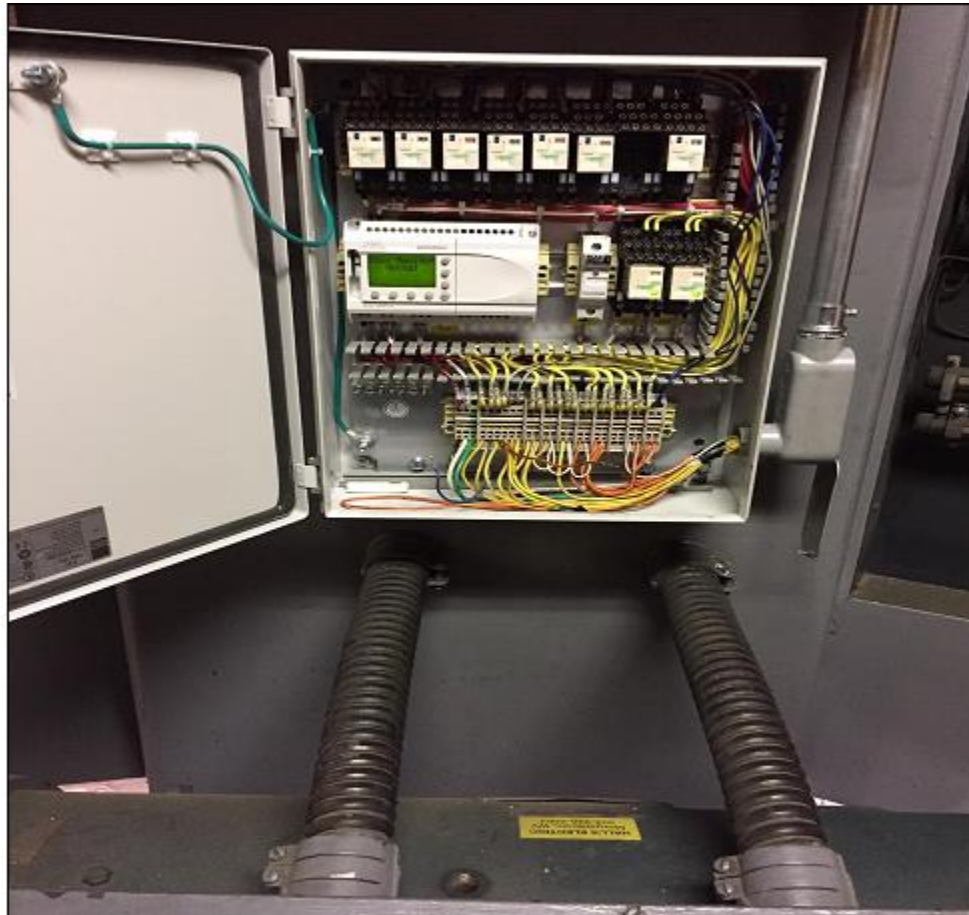
- Apply for all necessary permits from the State of Michigan
- Install the door lock monitoring controller and cross connect it with your existing controller
- Perform all necessary adjustments
- Perform final acceptance with local state inspector
- Return elevator back in service
  - o Pictures & further explanation continued on next page

Our installation will conform with ASME rule A17.3-2015 3.10.12 to Monitor and Prevent Automatic Operation of the Elevator in the event of Faulty Door Contact Circuits, requiring that the position of all mechanically coupled doors be monitored in order to:

- a.) prevent the operation of the car if the cab doors are not closed; and
- b.) prevent the power-closing of the doors if the cab doors are fully open and;
  - [i.] the car door contact is closed or bypassed; or
  - [ii.] the interlock contact which is coupled to the open car door is closed or bypassed; or
  - [iii.] both the car door contact and associated interlock contact are closed or bypassed.



- Door Lock Monitoring controller being furnish and installed:



*The below price is contingent upon a final sight equipment survey to verify any abnormal site conditions that would require additional work such as remote machine rooms, bi-parting doors, etc.*

**Price:** \$26,734.00, plus applicable taxes. (Quotations valid for 2023 approval; price based upon work during regular working hours of regular working days)

**Payment:** 50% of the price is due upon acceptance of this proposal.  
40% of the price is due as work progresses within 30 days of invoice;  
Balance due upon completion, within 30 days of invoice.

Schindler reserves the right not to source material or schedule labor for the above quoted work until payment in full has been received.

Payable in full within 30 days of invoice. Schindler retains title to any equipment furnished hereunder until final payment is made. Late or non-payment will result in assessment of interest charged at a rate of 1 1/2% per month or the highest legal rate available, and any attorneys' fees, expenses, and costs of collection. The customer understands that this is a fixed price proposal. Supporting documentation for materials and/or labor shall not be a condition precedent for payment in full to be made to Schindler.

**Option #1:** Extend service contract by five (5) years for 10% savings of this order. (> than \$2,500 in savings)

Acceptance of Option #1 (Initial):

- This upgrade order agreement price will be adjusted by 10% as noted above, subject to all terms and conditions of the original agreement including, without limitation, the annual provision for price adjustment.

**Option #2:** Extend service contract by ten (10) years for 20% savings of this order. (> than \$5,500 in savings)

Acceptance of Option #2 (Initial):

- The contract price will be adjusted as noted above along with a Three-year extension of our current subject to all terms and conditions of the original agreement including, the annual provision for price adjustment.

**The attached terms and conditions** are incorporated herein by reference.

Acceptance by you as owner's agent or authorized representative and subsequent approval by our authorized representative will be required to validate this agreement.

Proposed:

\_\_\_\_\_

By: Kevin Kalita

For: Schindler Elevator Corporation

Title: Sales Representative

Date: 7/14/2023

Accepted:

\_\_\_\_\_

By: \_\_\_\_\_

For: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Approved:

\_\_\_\_\_

By: Mike Sullivan

Title: General Manager

Date: \_\_\_\_\_



## TERMS AND CONDITIONS

1. Any changes to the building to meet local or state codes are to be made by Purchaser. Any changes in the Work required due to building conditions discovered in the performance of the Work will be paid by Purchaser.
2. No work, service materials or equipment other than as specified hereunder is included or intended.
3. Purchaser retains its normal responsibilities as Owner of the equipment which is subject of this Agreement.
4. Schindler will not be liable for damages of any kind, in excess of the Price of this Agreement, nor in any event for special, indirect, consequential or liquidated damages.
5. Any cutting and patching is by others and not included in this work.
6. Neither party shall be responsible for any loss, damage, detention or delay caused by labor trouble or disputes, strikes, lockouts, fire, explosion, theft, lightning, wind storm, earthquake, floods, epidemics, pandemics, storms, riot, civil commotion, malicious mischief, embargoes, shortages of materials or workmen, unavailability of material from usual sources, government priorities or requests or demands of the National Defense Program, civil or military authority, war, insurrection, failure to act on the part of either party's suppliers or subcontractors, orders or instructions of any federal, state, or municipal government or any department or agency thereof, acts of God, or by any other cause beyond the reasonable control of either party. Dates for the performance or completion of the work shall be extended by such delay of time as may be reasonably necessary to compensate for the delay.
7. We warrant that the work will comply with the specifications and that there will be no defects in materials or workmanship for one year after completion of the work or acceptance thereof by beneficial use, whichever is earlier. Our duty under this warranty is to correct nonconformance or defect at our expense within a reasonable time after the receipt of notice. THE EXPRESS WARRANTIES CONTAINED HEREIN ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Purchaser's remedies hereunder are exclusive.
8. Purchaser agrees to defend, indemnify and hold Schindler harmless from and against any claims, lawsuits, demands, judgments, damages, costs and expenses arising out of this Agreement except to the extent caused by or resulting from the sole and direct fault of Schindler.
9. For non-maintenance contract customers, Customer hereby agrees, without limitation, to defend, indemnify, release and hold harmless Schindler and its employees, affiliates, divisions, parent entities, predecessors and successors, representatives and agents from and against all claims, liabilities, losses, injuries, death, damages, fines, penalties, payments, costs, and expenses (including reasonable attorneys' fees and expenses) arising out of or relating to the Work performed by Schindler under this Agreement.  
**INSURANCE:** At a minimum, Customer shall provide to Schindler, insurance coverages as set forth within, and a certificate of insurance evidencing such coverage: Comprehensive General Liability (including Products Liability, Completed Operations, Broad Form Property damage, and Blanket Contractual Liability) in the amounts of \$2M per occurrence, \$5M aggregate. Schindler Holding, Ltd., Schindler Elevator Corporation, and Schindler Enterprises, Inc. shall be named as additional insureds on the above referenced policies, pursuant to ISO Form CG 2010 11/85, and shall appear as such on the Certificate of Insurance. Insurance shall provide a waiver of subrogation in favor of the entities named as additional insureds. Insurance shall be primary over any other valid and collectible insurance. Any deductible / retention is the responsibility of the Named Insured.
10. Any proprietary material, information, data or devices contained in the equipment or work provided hereunder, or any component or feature thereof, remains our property. This includes, but is not limited to, any tools, devices, manuals, software, modems, source/ access/ object codes, passwords. In the event Schindler's maintenance obligation is terminated, the Schindler Ahead features ("SA") (if applicable) will be deactivated and Schindler reserves the right to remove the Schindler Ahead hardware. If Schindler is no longer the maintenance provider, Customer is responsible for obtaining alternative telephone service for the elevator phones.
11. In the event of governmental changes to applicable tariffs, tax rates, including but not limited to sales tax, use tax, excise tax, privilege tax, transaction tax and similar changes, or loss of tax exempt status, Schindler reserves the rights to adjust the contract price accordingly to account for all additional cost impacts.
12. We reserve the right to modify price and schedule without penalty due to material or component shortages, increases in inflation and/or material price increases based upon the S&P Material Price Index (MPI).



GRETCHEN WHITMER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS  
LANSING

ORLENE HAWKS  
DIRECTOR

The Bureau of Construction Codes is pleased to announce the current elevator rules became effective June 27, 2023. With the adoption of the new rules and code the Bureau would like to provide guidance on notable changes.

- Fees have been updated and a copy of the fee schedule as of 6/27/23 is included after this letter.
- Permits:
  - As of June 29, 2023, all new installation and alteration permits are required to be compliant with the newly adopted rules and codes.
  - Alteration permits will no longer be required for the following:
    - Victaulic seals and fittings.
    - Soft starts (only in a like for like replacement).
    - Flooring (only in a like for like replacement).
  - Emergency Permits:
    - There is a 2-item maximum on emergency permits.
    - Items such as card readers, door systems, and cab interiors will no longer be approved as an emergency permit and will be denied having an alteration permit requested.
    - To request an elevator to be returned to service prior to a final with an inspector the following must take place:
      - All in scope testing must be completed by a licensed elevator journey person.
      - Copies of passing in scope test forms must be emailed to the inspector and [elevsafety@michigan.gov](mailto:elevsafety@michigan.gov).
      - A final must be scheduled with the inspector.
  - Dormant elevators:
    - Permits are required when making an elevator dormant.
      - When the work for this permit is completed notify the local inspector and they will perform the inspection as their schedule allows.
        - Note: If there are rule/code violations those will be sent to the permit holder, fees will be assessed, and corrections must be addressed. Then, another final will take place.
    - When there is a request for putting a dormant elevator back into service the following is required:
      - An alteration permit.

- A dormant elevator must be brought into compliance with CURRENT code and rules, not those under which it was installed.
- ASME A17.3 – 2017: Safety Code for Existing Elevators and Escalators:
  - As authorized in the code, provisions of ASME A17.3 – 2017 will be implemented according to the schedule noted below.
  - Requests for an alternative method of compliance or hardship related to implementation may submit a variance application found [here](#).
- Updated test forms and test tags are being developed. The new test forms will be separated and grouped by like device types.
- A copy of all test forms shall be kept with the maintenance records in the Maintenance Control Program.
- A full and combined set of the newly adopted rules and existing rules will be available on the website [here](#).

If there are any questions, please send those to [elevsafety@michigan.gov](mailto:elevsafety@michigan.gov) and we will assist you.

Sincerely,

Andrew Brisbo, Director  
Bureau of Construction Codes

## Elevator Fees as of 6/27/23

INSTALLATION PERMIT FEES					
	Application Fee (Non Refundable)	Base Permit Fee	Certificate Fee	Hoistway Openings/Floors Traveled (hw/flrs)*	Total
Passenger	\$ 100.00	\$ 300.00	\$ 60.00	\$ 50.00	\$460 +hw/flrs fees
Freight	\$ 100.00	\$ 300.00	\$ 60.00	\$ 50.00	\$460 +hw/flrs fees
Inclined	\$ 100.00	\$ 300.00	\$ 60.00	\$ 50.00	\$460 +hw/flrs fees
Limited Use/Limited Application	\$ 100.00	\$ 300.00	\$ 60.00	\$ 50.00	\$460 +hw/flrs fees
Private Residence	\$ 100.00	\$ 300.00	\$ -	\$ 50.00	\$400 +hw/flrs fees
Private Residence Inclined	\$ 100.00	\$ 300.00	\$ -	\$ 50.00	\$400 +hw/flrs fees
Special Purpose Personnel	\$ 100.00	\$ 300.00	\$ 60.00	\$ 50.00	\$460 +hw/flrs fees
Dumbwaiter	\$ 100.00	\$ 300.00	\$ 60.00	\$ 50.00	\$460 +hw/flrs fees
Material Lift	\$ 100.00	\$ 300.00	\$ 60.00	\$ 50.00	\$460 +hw/flrs fees
Power Sidewalk	\$ 100.00	\$ 300.00	\$ 60.00	\$ 50.00	\$460 +hw/flrs fees
Rooftop Elevator	\$ 100.00	\$ 300.00	\$ 60.00	\$ 50.00	\$460 +hw/flrs fees
Belt Manlift	\$ 100.00	\$ 300.00	\$ 60.00	\$ 50.00	\$460 +hw/flrs fees
Special Elevating Device	\$ 100.00	\$ 300.00	\$ 60.00	\$ 50.00	\$460 +hw/flrs fees
Escalator	\$ 100.00	\$ 360.00	\$ 60.00	\$ -	\$ 520.00
Moving Walk	\$ 100.00	\$ 360.00	\$ 60.00	\$ -	\$ 520.00
Personnel Hoist	\$ 100.00	\$ 300.00	\$ 60.00	\$ 50.00	\$460 +hw/flrs fees
Private Residence Platform Lift	\$ 100.00	\$ 250.00	\$ -	\$ -	\$ 350.00
Private Residence Stairway Chairlift	\$ 100.00	\$ 250.00	\$ -	\$ -	\$ 350.00
Platform Lift	\$ 100.00	\$ 100.00	\$ 60.00	\$ -	\$ 260.00
Stairway Chairlift	\$ 100.00	\$ 100.00	\$ 60.00	\$ -	\$ 260.00
ALTERATION PERMIT FEES					
	Application Fee (Non Refundable)	Base Permit Fee	Hoistway Openings/Floors Traveled (hw/flrs)*	Additional Fee	Total
Personnel Hoist	\$ 150.00	\$75.00 (includes 1st alteration)		\$75.00 hoistway openings	\$225.00 + hw/flrs fees
All Other Units	\$ 100.00	\$75.00 (includes 1st alteration)	\$25.00	\$75.00 each additional alteration	\$175 + ea additional alteration and + hw/floors fees
Dormant Elevator	\$ 100.00			\$ 100.00	\$ 200.00
Emergency Permit	\$ 500.00				\$500 - max 2 alterations
ANNUAL FEES					
	Certificate Fee	Inspection Fee	Hoistway Openings/Floors Traveled		Total
1 year device	\$ 60.00	\$ 175.00	\$ 25.00		\$235 + hw/flrs fees

2 year device	\$ 60.00	\$ 125.00	\$ -		\$ 185.00
<b>MISCELLANEOUS</b>					
	Base Fee		Hoistway Openings/Floors Traveled		Total
Temporary Certificate of Operation	\$ 250.00				\$ 250.00
Inspection for Temporary Certificate of Operation	\$ 200.00		\$ 35.00		\$200 + hw/flrs fees
Special Services/Overtime	\$ 150.00				\$150/hr
Reinspection 1 year device	\$ 175.00				\$ 175.00
Reinspection 2 year device	\$ 125.00				\$ 125.00
Permit Failure Residential and 2 year devices	\$ 450.00				\$ 450.00
Permit Failure All other	\$ 750.00				\$ 750.00
Variance to the Board	\$ 100.00				\$ 100.00
Appeal to the Board	\$ 250.00				\$ 250.00

## ASME A17.3 – 2017 Implementation Dates

### *Effective date of 1-1-2025*

#### **2.1.2 Windows in Hoistway Enclosures**

Every hoistway-window opening ten stories or less above a thoroughfare, and every such window opening three stories or less above a roof of an adjacent building, shall be guarded on the outside by one of the following methods:

- (a) by vertical bars at least 0.625 in. (16 mm) in diameter or equivalent, spaced not more than 10 in. (254 mm) apart, permanently and securely fastened in place
- (b) by metal-sash windows having solid-section steel muntin's of not less than 0.125 in. (3.2 mm) thickness, spaced not more than 8 in. (203 mm) apart. Exterior hoistway windows shall be identified with 4 in. (102 mm) high letters marked "ELEVATOR."

#### **2.1.3 Projections in Hoistway**

Hoistway enclosures shall have substantially flush surfaces on the hoistway sides used for loading and unloading, subject to the following:

- (a) Landing sills, hoistway doors, door tracks, and hangers shall be permitted to project inside the hoistway enclosure.
- (b) Landing sills, except for elevators equipped with vertically sliding biparting counterbalanced doors or with vertically sliding counterweighted doors, which slide down to open, shall be guarded on the underside with guard plates of smooth metal of not less than 0.0598 in. (1.519 mm) in thickness extending not less than the full width of the car entrance and securely fastened in place as follows:

(1) Where a car leveling device is provided and the hoistway edge of the sill is either flush with or projects into the hoistway, the guard shall have a straight vertical face extending below the sill not less than the depth of the leveling zone plus 3 in. (76 mm). Where the sill projects inward from the hoistway enclosure, the bottom of the guard shall also be beveled at an angle of not less than 60 deg nor more than 75 deg from the horizontal or the guard shall be extended from the hoistway edge of the landing sill to the top of door hanger pocket of the next entrance below.

The guard is not required for freight elevators with sills not projecting inward from the hoistway enclosure.

(2) Where no car leveling device is provided and the sill projects inward from the general line of the hoistway, the guard shall be either beveled at an angle of not less than 60 deg nor more than 75 deg from the horizontal, or it shall be permitted to have a straight vertical face extending from the hoistway edge of the sill to the top of the door hanger pocket of the next entrance below.

### **2.3.1 Access to Pits**

- (a) Means of access for authorized personnel shall be provided to all pits.
- (b) Where a separate pit access door is provided, it shall be self-closing and provided with a spring type lock arranged to permit the door to be opened from inside the pit without a key. Such doors shall be kept locked.
- (c) Keys to unlock the pit access door shall be kept on the premises in a location readily accessible to authorized personnel, but not where they are accessible to the general public. The keys shall be permitted to be the same as those used for the machine room access door.

### **2.3.3 Stop Switch**

A stop switch conforming to the requirements of 3.10.4(e) shall be provided in the pit of every elevator.

The switch shall be located adjacent to the normal pit access.

### **2.7.3 Elevator Parking Device**

(a) Parking Devices Required. Elevators that are operated from within the car only shall have elevator parking devices installed at every landing that is equipped with an unlocking device. On elevators that are not operated from within the car only, an elevator parking device shall be provided at one landing and shall be permitted to be provided at other landings. This device shall be located at a height not greater than 6 ft 11 in. (2.11 m) above the floor. Parking devices are not required for elevators having hoistway doors that are automatically unlocked when the car is within the landing zone.

(b) General Design Requirements. Parking devices shall conform to the following requirements:

(1) They shall be mechanically or electrically operated.

(2) They shall be designed and installed so that friction or sticking or the breaking of any springs used

in the device will not permit opening or unlocking a door when the car is outside the landing zone of that floor.

(3) Springs, where used, shall be of the restrained compression type, which will prevent separation of the parts in case the spring breaks.

(c) In elevators with a parking device, means shall not be permitted to turn off the lighting inside the car

unless a means is provided to ensure that alternative lighting is always available inside the car that meets the requirements of 3.4.5(a) and (b).

### **2.7.4 Access to Hoistway**

Hoistway door unlocking devices or hoistway access switches shall be provided on elevators having hoistway doors that are unlocked when closed with car at landing, or locked but openable from the landing by means effective only when the car is in the landing zone.

Hoistway door unlocking devices shall be permitted to be provided at all landings for emergency purposes.

(a) Hoistway Door Unlocking Devices. Hoistway door unlocking devices shall conform to the following:

(1) The device shall unlock and permit the opening of the hoistway door from the access landing irrespective of the position of the car.

(2) The device shall be designed to prevent unlocking the door with common tools.

(3) The operating means for unlocking the door shall be available to and used only by inspectors, elevator maintenance and repair personnel, and qualified emergency personnel.

(4) The unlocking device keyway shall be located at a height not greater than 6 ft 11 in. (2.11 m) above the floor.

(b) Hoistway Access Switches. Hoistway access switches shall conform to the following:

(1) The switch shall be installed only at the access landings.

(2) The switch shall be installed adjacent to hoistway entrance at the access landing with which it is identified.

(3) The switch shall be of the continuous pressure spring return type, and shall be operated by a cylinder type lock having not less than a five pin or five disk combination with the key removable only when the switch is in the "OFF" position. The lock shall not be operable by any key that will operate locks or devices used for other purposes in the building. The key or combination shall be available to and used only by inspectors and elevator maintenance and repair personnel.

(4) The operation of the switch at either access landing shall permit, and shall be permitted to initiate and maintain, movement of the car with the hoistway door at this landing unlocked or not in the closed position, and with the car door or gate not in the closed position, subject to the following:

(-a) The operation of the switch shall not render ineffective the hoistway door interlock or electric contact any other landing.

(-b) The car cannot be operated at a speed greater

than 150 ft/min (0.76 m/s). (-c) For automatic and continuous pressure operation elevators, provided that (-1) landing operating devices of continuous pressure operation elevators, and car and landing operating devices of automatic operation elevators, are first made inoperative by means other than the access switch (-2) power operation of the hoistway door and/or car door or gate is inoperative (-d) Automatic operation by a car-leveling device is inoperative.

(-e) The top of car operating device (see 3.10.3) is inoperative.

(f) The movement of the car initiated and maintained by the upper access switch shall be limited in the

down direction to a travel not greater than the height of the car crosshead above the car platform, and limited in the up direction above the upper access landing to the distance the car apron extends below the car platform.

Where electrically operated switches, relays, or contactors are used to render inoperative the hoistway

door interlock or electric contact or the car door or gate electric contact, the control circuits shall be arranged to conform to the requirements of 3.10.9 and in addition, to render the normal car and hall operation ineffective if any such switch, relay, or contactor fails to function in the intended manner.



### **2.7.5 Restricted Opening of Hoistway Doors and/or Car Doors on Passenger Elevators**

(a) when a car is outside the unlocking zone, the hoistway doors or car doors shall be so arranged that the hoistway doors or car doors cannot be opened more than 4 in (102 mm) from inside the car.

(b) when the car is outside the unlocking zone, the car doors shall be openable from outside the car without the use of special tools.

(c) The unlocking zone shall extend from the landing floor level to a point no greater than 18 in. (457mm) above or below the landing floor level.

### **3.3.5 Protection of Platforms Against Fire**

The underside of wood platforms, the exposed surfaces of wood platform stringers, and edges of laminated platforms shall be protected against fire by one of the following methods:

(a) covering with sheet steel of at least 0.0164 in. (0.4166 mm) in thickness or with equally fire retardant material.

(b) painting with an approved fire-retardant paint, having flame spread rating of not over 50, applied in accordance with the instructions of the manufacturer.

Such ratings shall be based on the test procedure specified in ANSI/ASTM E84.

#### **3.4.4.1 Top Emergency Exits**

(a) For elevators installed in enclosed hoistways, cars shall be provided with a car top emergency exit with a cover hinged or otherwise attached to the car top so that the cover can be opened from the top of the car only and opens outward.

For multideck elevator cars, the exit cover of the lower compartment shall be openable from either compartment.

(b) For elevators installed in unenclosed hoistways

(1) top emergency exits shall not be installed in cars in an unenclosed hoistway. Existing top emergency exits shall be permanently secured closed.

(2) where an elevator is installed in a single blind hoistway, there shall be installed in the blind portion of

the hoistway an emergency door at every third floor, but not more than 36 ft (10.97 m) from sill to sill conforming to the following:

(-a) The clear opening shall be at least 28 in. (711 mm) wide and 6 ft 6 in. (1 981 mm) high.

(-b) It shall be easily accessible and free from fixed obstructions.

(-c) It shall be either of the horizontal sliding or swinging single-section type, irrespective of the type of door installed at other landings.

(-d) It shall be self-closing and self-locking and shall be marked, in letters not less than 2 in. (51 mm)

high, "DANGER, ELEVATOR HOISTWAY."

(-e) It shall be provided with an electric contact conforming to the requirements of 2.7.6.

- (-f) It shall be unlocked from the landing side only through the use of a cylinder-type lock, having not less than a five-pin or five-disk combination. The cylinder lock shall
- (-1) not be unlocked by any key or combination that will open any other lock or device used for any purpose in the building
- (-2) be so designed that the key shall be removable only in the locked position
- (-g) The key or combination shall be kept where it is available only to authorized persons.
- (3) Telephone as Alternative to Emergency Doors.

Where an elevator is installed in a single blind hoistway, and there are no landings from which to gain access through an emergency door, a means of two-way conversation conforming to 3.11.1 shall be provided, except that the means to activate the two-way conversation system shall be provided in the car.

NOTE [3.4.4.1(b)(3)]: Examples are pulp mills, grain elevators, dams, or similar locations.

### **3.5.1 Car Safeties**

The car of every elevator suspended by wire ropes shall be provided with a safety capable of stopping and sustaining the car with rated load. When the safety is operated by a governor, the safety shall be capable of stopping and sustaining the car with rated load from governor tripping speed.

### **3.5.5 Maximum Permissible Movement of Governor**

Rope to Operate the Safety Mechanism For all Type B safeties the movement of the governor rope relative to the car or the counterweight, respectively, required to operate the safety mechanism from its fully retracted position to a position where the safety jaws begin to exert pressure against the guide rails shall not exceed the following values based on rated speed:

(a) for car safeties

- (1) 200 ft/min (1.02 m/s) or less, 42 in. (1.07 m)
- (2) 201 ft/min (1.03 m/s) to 375 ft/min (1.91 m/s), 36 in. (914 mm)
- (3) over 375 ft/min (1.91 m/s), 30 in. (762 mm)

(b) for counterweight safeties, 42 in. (1.07 m) for all speeds

Drum operated car and counterweight safeties, requiring continual unwinding of the safety drum rope to fully apply the safety, shall be so designed that not less than three turns of the safety rope will remain on the drum after the overspeed test of the safety has been made with rated load in the car.

### **3.9.2 Final Terminal Stopping Devices**

Enclosed upper and lower final terminal electromechanical stopping devices shall be provided and arranged to prevent movement of the car by the normal operating devices in either direction of travel after the car has passed a terminal landing. Final terminal stopping devices shall be located as follows:

(a) Winding Drum Driving Machines. Elevators having winding drum machines shall have stopping switches on the machines and also in the hoistway operated by the movement of the car.

(b) Traction Driving Machines. Elevators having traction driving machines shall have stopping switches in the hoistway operated by the movement of the car.

### **3.10.1 Types of Operating Devices**

Manually actuated rope (i.e., shipper rope) or rod operating devices, or rope operating devices actuated by wheels, levers, or cranks shall not be used.

### **3.10.2 Car Switch Operation Elevators**

Handles of lever type operating devices of car switch operation elevators shall be so arranged that they will return to the stop position and latch there automatically when the hand of the operator is removed.

### **4.5.2 Pressure Tanks**

(a) Vacuum Relief Valves. Tanks subject to vacuum sufficient to cause collapse shall be provided with one or more vacuum relief valves with openings of sufficient size to prevent collapse of the tank.

(b) Gage Glasses. Tanks shall be provided with one or more gage glasses attached directly to the tank and equipped to shut off the liquid automatically in case of failure of the glass. The gage glass or glasses shall be so located as to indicate any level of the liquid between permissible minimum and maximum levels, and shall be equipped with a manual cock at the bottom of the lowest glass.

(c) Pressure Gage. Tanks shall be provided with a pressure gage that will indicate the pressure correctly to not less than 1 1/2 times the pressure setting of the relief valve.

The gage shall be connected to the tank or water column by pipe and fittings with a stop cock in such a manner that it cannot be shut off from the tank except by the stop cock. The stop cock shall have a "T" or lever handle set in line with the direction of flow through the valve when open.

(d) Inspector's Gage Connection. Tanks shall be provided with 0.25 in. (6.3 mm) pipe size valve connection for attaching an inspector's pressure gage while the tank is in service.

(e) Liquid Level Detector. Tanks shall be provided with a means to render the elevator inoperative if for any reason the liquid level in the tank falls below the permissible minimum.

(f) Handholes and Manholes. Tanks shall be provided with means for internal inspection.

(g) Piping and Fittings for Gages. Piping and fittings for gage glasses, relief valves, and pressure gages shall be of a material that will not be corroded by the liquid used in the tank.

## ***Effective date of 1-1-2026***

### **2.1.4 Pipes, Air Ducts, and Wiring**

2.1.4.1 Pipes. Pipes conveying gases, vapors, or liquids and not used in connection with the operation

of the elevator, which if discharged into the hoistway could be hazardous, shall not be permitted in a hoistway except as covered by (a) through (e).

(a) Steam and hot water pipes are permitted in hoistways, for the purpose of heating these areas only,

subject to the following:

(1) Heating pipes shall convey only low-pressure steam [5 psi (34 kPa) or less] or hot water [212°F (100°C) or less].

(2) All risers and return pipes shall be located outside the hoistway.

(3) Traps and shutoff valves shall be provided in accessible locations outside the hoistway. (b)

Pipes for sprinklers only are permitted in hoistways subject to the following:

(1) All risers and returns shall be located outside of the hoistway.

(2) Branch lines in hoistway shall supply sprinklers at not more than one floor level.

(c) Piping for pit and sump pumps is permitted.

(d) Existing pipes that cannot be removed or rerouted shall be securely fastened and covered to separate them from the hoistway, prevent leakage or condensate from entering the hoistway, and prevent interference with the operation of the elevator equipment.

(e) No pipes shall be installed in the hoistway unless they directly pertain to the operation of the elevator.

NOTE: The installation of sprinklers in an existing machine room or hoistway is an alteration. See ASME A17.1, requirements 8.7.2.8 and 8.7.3.8.

### **2.2.4 Ventilation**

Machine rooms shall be provided with natural or mechanical ventilation to avoid overheating of the electrical equipment and to ensure safe and normal operation of the elevator.

### **2.8.2 Reopening Device for Power Operated Car**

Doors or Gates

Where required by 2.8.1, a power operated car door or gate shall be provided with a reopening device that will function to stop and reopen the car door or gate and the adjacent hoistway door in the event that the car door or gate is obstructed while closing. If the closing kinetic energy is reduced to 2.5 ft lbf (3.39 J) or less, the reopening device shall be permitted to be rendered inoperative [see 2.8.1(a)].

For center opening doors or gates, the reopening device shall be so designed and installed that the

obstruction of either door or gate panel when closing will cause the reopening device to function.

### **3.6.1 Speed Governor Overspeed and Car Safety Mechanism Switches**

A switch shall be provided on the speed governor and operated by the overspeed action of the governor

when used with Type B and Type C car safeties of elevators having a rated speed exceeding 150 ft/min

(0.76 m/s). A switch shall be provided on the speed governor when used with a counterweight safety for

any car speed. For static control, an overspeed switch shall be provided regardless of rated speed and shall operate in both directions of travel. These switches shall, when operated, remove power

from the driving machine motor and brake before or at the time of application of the safety.

Switches used to perform the function specified shall be positively opened and remain open until manually reset. Switches operated by the car safety mechanism shall be of a type that will not reset unless the car safety mechanism has been returned to the off position.

### **3.10.4 Electrical Protective Devices**

Electrical protective devices shall be provided in accordance with the following:

(a) Slack Rope Switch. Winding drum machines shall be provided with a slack rope device equipped with a slack rope switch of the enclosed manually reset type that shall cause the electric power to be removed from the elevator driving machine motor and brake if the suspension ropes become slack.

(b) Motor Generator Running Switch. Where generator field control is used, means shall be provided

to prevent the application of power to the elevator driving machine motor and brake unless the motor generator set connections are properly switched for the running condition of the elevator. It is not required that the electrical connections between the elevator driving machine motor and the generator be opened in order to remove power from the elevator motor.

(c) Compensating Rope Sheave Switch. Compensating rope sheaves shall be provided with a compensating rope sheave switch or switches mechanically opened by the compensating rope sheave before the sheave reaches its upper or lower limit of travel to cause the electric power to be removed from the elevator driving-machine motor and brake.

(d) Broken Rope, Tape, or Chain Switches Used in Connection With Machine Room Normal Terminal Stopping Switches. Broken rope, tape, or chain switches conforming to the requirements of 3.6.1 shall be provided in connection with normal terminal stopping devices located in machine rooms of traction elevators. Such switches shall be opened by a failure of the rope, tape, or chain.

(e) Stop Switch on Top of Car. A stop switch shall be provided on the top of every elevator car, which shall

cause the electric power to be removed from the elevator driving-machine motor and brake; and

(1) be of the manually operated and closed type

(2) have red operating handles or buttons

(3) be conspicuously and permanently marked "STOP" and shall indicate the stop and run positions

- (4) be positively opened mechanically (opening shall not be solely dependent on springs)
- (f) Car-Safety Mechanism Switch. A switch shall be required where a car safety is provided.
- (g) Speed Governor Overspeed Switch. A speed governor overspeed switch shall be provided when required by 3.6.1.
- (h) Final Terminal Stopping Devices. Final terminal stopping devices shall be provided for every elevator.
- (i) Emergency Terminal Speed Limiting Device. Where reduced stroke oil buffers are provided, emergency terminal speed limiting devices are required.
- (j) Motor Generator Overspeed Protection. Means shall be provided to cause the electric power to be removed automatically from the elevator driving-machine motor and brake should a motor generator set, driven by a direct current motor, overspeed excessively.
- (k) Motor Field Sensing Means. Where direct current is supplied to an armature and shunt field of an elevator driving-machine motor, a motor field current sensing means shall be provided, which shall cause the electric power to be removed from the motor armature and brake unless current is flowing in the shunt field of the motor. A motor field current sensing means is not required for static control elevators provided with a device to detect an overspeed condition prior to, and independent of, the operation of the governor overspeed switch. This device shall cause power to be removed from the elevator driving-machine motor armature and machine brake.
- (l) Buffer Switches for Oil Buffers Used with Type C Car Safeties. Oil level and compression switches shall be provided for all oil buffers used with Type C safeties.
- (m) Hoistway-Door Interlocks or Hoistway-Door Electric Contacts. Hoistway-door interlocks or hoistway-door electric contacts shall be provided for all elevators.
- (n) Car Door or Gate Electric Contacts. Car door or gate electric contacts shall be provided for all elevators.
- (o) Normal Terminal Stopping Devices. Normal terminal stopping devices shall be provided for every elevator.
- (p) Car Side Emergency Exit Electric Contact. An electric contact shall be provided on every car side emergency exit door.
- (q) Electric Contacts for Hinged Car Platform Sills. Hinged car platform sills, where provided, shall be equipped with electric contacts.
- (r) In-Car Stop Switch. On passenger elevators equipped with nonperforated enclosures, a stop switch, either key operated or behind a locked cover, shall be permitted to be provided in the car and located in or adjacent to the car operating panel. The switch shall be clearly and permanently marked "STOP" and shall indicate the stop and run positions. The switch shall be positively opened mechanically and its opening shall not be solely dependent on springs. When opened, this switch shall cause the electric power to be removed from the elevator driving-machine motor and brake.
- (s) Emergency Stop Switch. On all freight elevators, passenger elevators with perforated enclosures, and passenger elevators with nonperforated enclosures not provided with an in-car stop switch [see (r)], an emergency stop switch shall be provided in the car and located in or adjacent to each car operating panel. When open ("STOP" position), this switch shall cause the

electric power to be removed from the elevator driving-machine motor and brake and shall conform to the following:

- (1) be of the manually operated and closed type
- (2) have red operating handles or buttons
- (3) be conspicuously and permanently marked "STOP" and shall indicate the stop and run positions
- (4) have contacts that are positively opened mechanically (opening shall not be solely dependent on springs)
- (t) Stop Switch in Pit. A stop switch conforming to the requirements of (e) shall be provided in the pit of every elevator. The switch shall be located adjacent to the normal pit access.
- (u) Buffer Switches for Gas Spring Return Oil Buffers. A buffer switch shall be provided for gas spring return oil buffers that will cause electric power to be removed from the elevator driving-machine motor and brake if the plunger is not returned.

***Effective date of 1-1-2027***

### **3.6.2 Governor Ropes**

Governor ropes shall be of iron, steel, monel metal, phosphor bronze, or stainless steel. They shall be regular-lay construction, and not less than 0.375 in. (9.5 mm) in diameter. Tiller-rope construction shall not be used. The factor of safety of governor ropes shall be not less than 5.

### **3.10.3 Top-of-Car Operating Devices**

(a) Elevators with automatic or continuous-pressure operation shall have a continuous-pressure button operating switch mounted on the top of the car for the purpose of operating the car solely from the top of the car. The device shall operate the car at a speed not exceeding 150 ft/min (0.76 m/s).

4.7.2 4.7.2 Top-of-Car Operating Devices Top-of-car operating devices shall be provided and shall conform to the requirements of 3.10.3, except for un-counterweighted elevators having a rise of not more than 15 ft (4.57 m). The bottom normal terminal stopping device shall be permitted to be made ineffective while the elevator is under the control of the top-of-car operating device.

### **2.2.2 Access to Machine Rooms and Machinery Spaces**

A permanent means of access to elevator machine rooms and machinery spaces shall be provided for authorized persons. Access doors to machine rooms and machinery spaces shall be kept closed and locked. The only means of access to a machine room shall not be through the hoistway. The lock shall be of a spring type arranged to permit the door to be opened from the inside without a key.

### 2.6.1 Doors or Gates Required

(a) Passenger Elevators. Hoistway-landing openings for passenger elevators shall be provided with entrances that guard the full width and the height of the openings. Hand latches, pull bars, doorknobs or other hand operated door fastening devices mounted on swinging type hoistway doors shall not project beyond the line of the hoistway-door sill on automatic or continuous pressure operation passenger elevators that can be operated from hall buttons or switches at the landings. Devices such as continuous rings or loop handles that can trap a hand or fingers are prohibited.

(b) Freight Elevators. Hoistway-landing openings for freight elevators shall be provided with entrances that guard the full width of the opening and guard the height to a minimum of 6 ft (1.83 m) above the landing sill. At the top landing a gate 66 in. (1.65 m) high shall be permitted to be used if there is not sufficient clearance for a 6 ft (1.83 m) high gate. When the requirements of 2.1.1 allow non-fire-resistive hoistway enclosures, a gate shall be permitted to be used. The door or gate shall be permitted to have a maximum 1 in. (25 mm) vertical opening between the landing sill and the door or gate.

(1) Openings in gates shall reject a ball 2 in. (51 mm) in diameter.

(2) A gate made in two or more sections that overlap, and that slides or telescopes shall be permitted to

be used, provided that the openings reject a ball 0.375 in. (9.5 mm) in diameter.

(3) Where openings do not meet the requirements of (b)(1) or (b)(2), they shall be protected by grilles or

screens made from stainless or galvanized steel of not less than 0.0568 in. (1.4 mm) in thickness. Such grilles or screens shall comply with the following:

(-a) Grilles or screens shall be sized to fit over the gate and completely cover all openings.

(-b) Grilles or screens shall be secured by means of nonreversible screws or other tamperproof fasteners.

(-c) All edges shall be free of burrs and beveled.

(-d) Grilles shall be installed on the hoistway side of the gate.

(c) Automatic fire doors, the functioning of which is dependent on the action of heat, shall not lock any elevator hoistway door so that it cannot be opened manually from inside the hoistway, nor shall such door lock any exit leading from any elevator hoistway door to the outside of the building.

(d) Handles or other means provided for operation of manually operated doors shall be so located that it

is not necessary to reach the back of any panel, jamb, or sash to operate them.

(e) Combination Horizontally Sliding Doors and Swinging Panel Hoistway Entrances. Hoistway entrances

consisting of a combination of horizontally sliding doors and a stationary swinging panel shall

(1) have the swinging panel permanently secured closed; or

(2) where the swing panel assembly remains in use, the latches or removable fastenings shall be accessible only from the hoistway side of the entrance. The swing panel shall be equipped with electric contacts conforming to the following:

(-a) The contacts shall be positively opened by a lever or other device attached to and operated by the



swing panel.

(-b) The contacts shall be maintained in the open position by the action of gravity or by a restrained compression spring, or by both, or by positive mechanical means.

(-c) When the contacts are opened, electric power shall be removed from the driving machine and brake.

(-d) Mercury tube switches shall not be used.

### **Effective date of 1-1-2028**

#### **3.4.2 Car Doors and Gates**

(a) Doors, Gates, and Electric Contacts. Cars shall have a car door or gate provided at each entrance equipped with a car door or gate electric contact conforming to following requirements:

(1) It shall be positively opened by a lever or other device attached to and operated by the door or gate.

(2) It shall be maintained in the open position by the action of gravity or by a restrained compression spring, or both, or by positive mechanical means.

(3) It shall not be readily accessible.

(b) Car Door Interlock. A car door interlock shall be required for

(1) car doors of elevators where the clearance between the loading side of the car platform and hoistway enclosure exceeds the maximum specified in 2.4.1

(2) car doors of elevators that face an unenclosed portion of the hoistway during the travel of the car

(c) Closed Position of Car Doors or Gates. Car doors or gates shall be considered to be in the closed position under the following conditions:

(1) for horizontally sliding doors or gates, when the clear open space between the leading edge of the

door or gate and the nearest face of the jamb does not exceed 2 in. (51mm) except where car doors are provided with a car door interlock(s), 0.375 in. (10 mm)

(2) for vertically sliding counterweighted doors or gates, when the clear open space between the leading

edge of the door or gate and the car platform sill does not exceed 2 in. (51 mm)

(3) for horizontally sliding center opening doors, or vertically sliding biparting counterbalanced doors,

when the door panels are within 2 in. (51 mm) of contact with each other, except where

horizontally sliding center opening car doors are provided with a car door interlock(s), 0.375 in. (10 mm)

(d) Collapsible Gates. Collapsible car gates shall conform to the following requirements:

(1) Collapsible car gates shall not be power opened to a distance exceeding one third of the clear gate opening, and in no case more than 10 in. (254 mm).

(2) When fully closed (extended position), gates shall reject a ball 3 in. (76 mm) in diameter for passenger elevators and 4.5 in. (114 mm) for freight elevators.

(3) Gates shall have at least every fourth vertical member guided at the top and every second vertical member guided at the bottom.

(4) Handles of manually operated collapsible gates nearest the car operating device on elevators operated from the car only shall be so located that the nearest handle is not more than 48 in. (1.22 m) from the car operating device when the gate is closed (extended position), and not more than 48 in. (1.22 m) above the car floor. Gate handles shall be provided with finger guards.

### **3.10.12 System to Monitor and Prevent Automatic Operation of the Elevator with Faulty Door Contact Circuits**

Means shall be provided to monitor the position of the power operated car doors that are mechanically coupled with the landing doors while the car is in the landing zone, in order

(a) To prevent automatic operation of the car if the car door is not closed, regardless of whether the portion of the circuits incorporating the car door contact or the interlock contact of the landing door coupled with the car door, or both, are closed or open except as permitted in 3.10.7

(b) To prevent the poser closing of the doors during automatic operation if the car door is fully open and any of the following conditions exist:

(1) The car door contact is closed, or the portion of the circuit incorporating this contact is bypassed.

(2) The interlock contact of the landing door that is coupled to the opened car door is closed, or the portion of the circuit incorporating this contact is bypassed.

(3) The car door contact and the interlock contact of the door that is coupled to the opened car door are closed, or the portions of the circuits incorporating these contacts are bypassed.

### **3.11.3 3.11.3 Firefighters' Service**

Elevators shall conform to the requirements of ASME/ ANSI A17.1–1987 Rules 211.3 through 211.8 (see

Nonmandatory Appendix C) unless at the time of installation or alteration it was required to comply with a later edition of A17.1.

All elevators that are a part of a group shall conform to identical firefighters' service operation requirements regardless of which edition of A17.1 they complied with at the time of their installation or alteration.

The Phase I and Phase II switches for all elevators in a building shall be operable by the same key.

### **4.3.3 4.3.3 Hydraulic Elevators**

Hydraulic elevators that have any portion of the cylinder buried in the ground and that do not have a double cylinder or a cylinder with a safety bulkhead shall;

(a) have the cylinder replaced with a double cylinder or a cylinder with a safety bulkhead protected from

corrosion by one or more of the following methods:

(1) monitored cathodic protection

(2) a coating to protect the cylinder from corrosion that will withstand the installation process

(3) a protective plastic casing immune to galvanic or electrolytic action, saltwater, and other known underground conditions, or

(b) be provided with a device meeting the requirements of Section 3.5 or a device arranged to operate in

the down direction at an overspeed not exceeding 125% of rated speed. The device shall mechanically act to limit the maximum car speed to the buffer striking speed, or stop the elevator car with rated load with a deceleration not to exceed 32.2 ft/sec<sup>2</sup> (9.8 m/s

2) and shall not automatically reset. Actuation of the device shall cause power to be removed from the pump motor and control valves until manually reset, or

(c) have other means acceptable to the authority having jurisdiction to protect against unintended movement of the car as a result of uncontrolled fluid loss.

## Public Health State/Local Cost Sharing

Based on the Michigan Public Health Code (P.A. 368 of 1978, as amended, 333.2475), there shall be a 50/50 cost share for the state mandated Essential Local Public Health Services.

BHSJ has routinely met the required Maintenance of Effort reporting requirement that has gone unchanged since the early 1990s; however, it is not meeting the required 50/50 cost share required by P.A. 368 of 1978. If the state updates the Maintenance of Effort number to reflect the current grant amounts, BHSJ would not be compliant as it does not receive enough local appropriations to cover the 50%.

I am requesting a \$0.15 increase to local appropriations, which will help inch the agency toward compliance; however, the proposed increase will not even raise the funding ratio by 1%. We should carefully consider all options that may address this funding imbalance and prepare a long-range plan to correct it.

### Current Funding

	ELPHS Funds	Local Appropriations
ELPHS Total FY23	\$1,061,220	\$795,657
Funding Percentage	57.15%	42.85%

### Proposed Increased Funding

	ELPHS Funds	Local Appropriations
ELPHS Total FY24	\$1,061,220	\$818,176
Funding Percentage	56.47%	43.53%

According to table 4 in, "A Review of the First Five Years" State/Local Cost Sharing in Michigan Report published in 1986 by the Michigan Department of Public Health, the counties of the district allocated 7.93% of the general fund revenue to the LHD in 1978, 8.19% in 1980, and 7.44% in 1983. Per the report, the per-capita rate was \$4.87 per person. Today that percentage of general fund revenue is only 1.79% and the per-capita rate is \$5.30 per person.

	1983	2009	2015	2022
General Fund		\$40,071,858.00	\$38,837,655.00	\$43,153,157.00
LHD Approp.		\$998,010.00	\$665,654.00	\$795,675.00
% of General Fund	7.44%	2.49%	1.71%	1.79%

The local Health Department (LHD) took devastating cuts between 2009 and 2013. These cuts equaled a 33.3% reduction in local appropriations. The LHD has never regained those losses, but has continued to operate all required program and has received the status of Accreditation with Commendations. The proposed increase of \$0.15 per person would increase the county appropriations by 2.83%, which will still leave the LHD funded at a level that is 17% lower than it received from the Counties in 2009.

### Appropriations History

Year	Rate	Total	% Increase/Decrease
2009		\$998,010	
2010		\$938,136	-6.00%
2011		\$857,158	-8.63%
2012	5.15	\$784,395	-8.49%
2013	4.42	\$665,654	-15.14%
2014	4.42	\$665,654	0.00%
2015	4.42	\$665,654	0.00%
2016	4.57	\$688,246	3.39%
2017	4.72	\$710,836	3.28%
2018	4.87	\$733,427	3.18%
2019	5.02	\$756,017	3.08%
2020	5.02	\$756,016	0.00%
2021	5.02	\$756,017	0.00%
2022	5.15	\$773,139	2.26%
2023	5.30	\$795,657	2.91%
2024	5.45	\$818,176	2.83%

Percentage Below 2009 rate: 

-17.32%
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The decrease in funding along with the inflation rates leave the LHD with significantly reduced purchasing power.

### Inflation Rates

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ave
2023	6.4	6	5	4.9	4	3							4.9
2022	7.5	7.9	8.5	8.3	8.6	9.1	8.5	8.3	8.2	7.7	7.1	6.5	8.0
2021	1.4	1.7	2.6	4.2	5	5.4	5.4	5.3	5.4	6.2	6.8	7	4.7
2020	2.5	2.3	1.5	0.3	0.1	0.6	1	1.3	1.4	1.2	1.2	1.4	1.2
2019	1.6	1.5	1.9	2	1.8	1.6	1.8	1.7	1.7	1.8	2.1	2.3	1.8
2018	2.1	2.2	2.4	2.5	2.8	2.9	2.9	2.7	2.3	2.5	2.2	1.9	2.4
2017	2.5	2.7	2.4	2.2	1.9	1.6	1.7	1.9	2.2	2	2.2	2.1	2.1
2016	1.4	1	0.9	1.1	1	1	0.8	1.1	1.5	1.6	1.7	2.1	1.3
2015	-0.1	0	-0.1	-0.2	0	0.1	0.2	0.2	0	0.2	0.5	0.7	0.1
2014	1.6	1.1	1.5	2	2.1	2.1	2	1.7	1.7	1.7	1.3	0.8	1.6
2013	1.6	2	1.5	1.1	1.4	1.8	2	1.5	1.2	1	1.2	1.5	1.5
2012	2.9	2.9	2.7	2.3	1.7	1.7	1.4	1.7	2	2.2	1.8	1.7	2.1

Total Average Inflation since 2012: 31.7

BHSJ staff worked to gather data from other LHDs to provide comparative data on how other LHDs are funded per capita. The resulting information is shown in the table below. The data was collected by surveying the other LHDs unless indicated otherwise. Additionally, the assessed value of “total real property” from the Michigan Department of Treasury from form L-4024 has been collected to assist in understanding the tax base for each LHD. A detailed report of millage rates for each county is provided on the subsequent pages.

Health Dept	Local Approp.	2020 Population	Per Capita	Assessed Valuations Real L-4024
Lenawee	\$ 300,000	99,424	\$ 3.02	\$ 1,343,028,127
DHD2* (Alcona, Iosco, Ogemaw, Oscoda)	\$ 333,403	64,392	\$ 5.18	\$ 6,365,046,741
Branch-Hillsdale-St Joseph	\$ 795,657	150,124	\$ 5.30	\$ 8,417,499,293
Delta-Menominee*	\$ 451,498	60,310	\$ 7.49	\$ 2,762,237,409
Midland	\$ 658,282	83,481	\$ 7.89	\$ 4,174,823,491
Western UP (Baraga, Gogebic, Houghton, Keweenaw, Ontonagon)	\$ 555,000	64,907	\$ 8.55	\$ 3,309,888,033
Allegan	\$ 1,082,986	120,502	\$ 8.99	\$ 8,980,075,773
DHD4 (Alpena, Cheboygan, Montmorency, Presque Isle)	\$ 693,305	76,911	\$ 9.01	\$ 5,604,084,130
Washtenaw	\$ 3,333,289	369,390	\$ 9.02	\$ 7,666,942,585
LMAS* (Luce, Mackinac, Alger, Schoolcraft)	\$ 312,913	33,050	\$ 9.47	\$ 2,823,477,713
Muskegon	\$ 1,774,392	175,824	\$ 10.09	\$ 7,477,910,200
Northwest (Antrim, Charlevoix, Emmet, Otsego)	\$ 1,111,492	108,679	\$ 10.23	\$ 14,560,562,272
Barry/Eaton*	\$ 1,810,614	171,774	\$ 10.54	\$ 9,559,784,856
DHD 10* (Crawford, Kalkaska, Lake, Manistee, Mason, Mecosta, Missaukee, Newaygo, Oceana, Wexford)	\$ 2,973,394	262,444	\$ 11.33	\$ 17,448,379,651
Huron	\$ 383,693	31,248	\$ 12.28	\$ 3,655,686,706
Benzie-Leelanau	\$ 586,932	40,845	\$ 14.37	\$ 7,911,479,648
Kent**	\$ 9,472,113	657,974	\$ 14.40	\$ 40,271,726,477
Grand Traverse**	\$ 1,430,000	95,238	\$ 15.02	\$ 9,505,876,817

\*Information obtained from annual reports

\*\*Information collected in 2022

**Branch-Hillsdale-St.Joseph Community Health Agency  
Appropriations History**

Year	Per Capita - Based on Calendar Year	Branch	Hillsdale	St. Joseph	Total	Total Agency Budget	% to Budget	Prior Year Increase (Decrease)
2005		273,608	278,231	372,514	\$924,353	\$5,869,966	15.75%	\$ 11,411
2006		277,028	281,708	377,172	\$935,908	\$6,600,370	14.18%	\$ 11,555
2007		281,877	286,635	383,772	\$952,284	\$6,865,897	13.87%	\$ 16,376
2008		284,871	293,592	390,487	\$968,950	\$7,205,684	13.45%	\$ 16,666
2009		293,417	302,392	402,201	\$998,010	\$7,739,501	12.90%	\$ 29,060
2010		275,812	284,255	378,069	\$938,136	\$7,131,289	13.16%	\$ (59,874)
2011		248,241	268,655	340,262	\$857,158	\$7,210,148	11.89%	\$ (80,978)
2012	5.15	219,482	240,443	324,470	\$784,395	\$5,991,536	13.09%	\$ (72,763)
2013	4.42	188,371	206,360	270,923	*\$665,654	\$6,000,892	10.93%	\$ (128,741)
2014	4.42	188,371	206,360	270,923	*\$665,654	\$6,174,625	10.62%	\$ -
2015	4.42	188,371	206,360	270,923	*\$665,654	\$6,031,609	10.87%	\$ -
2016	4.57	194,764	213,364	280,118	\$688,246	\$5,926,003	11.61%	\$ 22,592
2017	4.72	201,157	220,367	289,312	\$710,836	\$6,052,032	11.75%	\$ 22,590
2018	4.87	207,550	227,371	298,506	\$733,427	\$6,081,668	12.06%	\$ 22,591
2019	5.02	213,943	234,374	307,700	\$756,017	\$7,020,445	10.77%	\$ 22,590 +
2020	5.02	213,942	234,374	307,700	\$756,016	\$7,765,083	9.74%	\$ -
2021	5.02	213,942	234,374	307,701	\$756,017	\$8,366,875	9.04%	\$ -
2022	5.15	223,711	235,592	313,836	\$773,139	\$8,309,241	9.30%	\$17,122
2023	5.30	230,227	242,454	322,977	\$795,657	\$8,372,787	9.50%	\$ 22,519
2024	5.45	236,743	249,316	332,118	\$818,176	\$8,611,127	9.50%	\$ 22,519 **

0.15  
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0.15  
+ 0.15  
0.13  
0.15  
0.15

\* Maintenance of Effort (Minimum State Allowed set in FY92/93 is \$664,834)

\*\* If granted additional \$.15 per capita annually

+ Increase of \$22,590 must be spent on unfunded pension liability until pension plan is fully funded

**Proposed \$0.15 Per Capita Increases for 2024**

County	Population	Current Per Capita	Current Allocation	Increase (Per Capita)	Increase (Total \$ Amount)	Proposed Allocation	Increase
	*Based on 2020 Census*						
Branch*	43,439	5.30	\$ 230,227	0.15	\$ 6,516	\$ 236,743	2.83%
Hillsdale	45,746	5.30	\$ 242,454	0.15	\$ 6,862	\$ 249,316	2.83%
St.Joseph	60,939	5.30	\$ 322,977	0.15	\$ 9,141	\$ 332,118	2.83%
<b>Total</b>	<b>150,124</b>		<b>\$ 795,657</b>		<b>\$ 22,519</b>	<b>\$ 818,176</b>	

\*Census Data adjusted to remove persons incarcerated in prison. (44,862 - 1,423 = 43,439)

2023 rates listed are subject to change until final on February 1, 2024

CountyCode	CountyName	MillagePurpose	MillageRate	MillageRateType	DNRTaxAuth	Imported
01	Alcona	ALLOC/CHARTER	4.1602			0
01	Alcona	SENIORS	0.8214			0
01	Alcona	LIBRARY	0.4978			0
01	Alcona	MSU EXTENSION	0.1393			0
01	Alcona	EMS 911/CENTRAL DISPATCH	0.2489			0
01	Alcona	AMBULANCE/ALS/EMS	0.4978			0
01	Alcona	VETERANS	0.1991			0
01	Alcona	EMS/BLDG MAINT.	1.2500			0
<b>01</b>	<b>Total</b>		7.8145			
02	Alger	CONSERVATION DISTRICT	0.2470			0
02	Alger	ALLOC/CHARTER	4.9920			0
02	Alger	EMS 911/CENTRAL DISPATCH	0.9897			0
02	Alger	AMBULANCE/ALS/EMS	1.8278			0
02	Alger	LIBRARY	0.2950			0
02	Alger	MSU EXTENSION	0.2474			0
02	Alger	SENIORS	0.4948			0
02	Alger	VETERANS	0.1000			0
<b>02</b>	<b>Total</b>		9.1937			
03	Allegan	MEDICAL CARE	0.2448			0
03	Allegan	CONSERVATION DISTRICT	0.0979			0
03	Allegan	ALLOC/CHARTER	5.1272			0
03	Allegan	ROADS	0.9654			0
03	Allegan	SENIORS	0.4930			0
03	Allegan	VETERANS	0.0200		CH	0
<b>03</b>	<b>Total</b>		6.9483			
04	Alpena	AMBULANCE/ALS/EMS	1.4925			0
04	Alpena	LIBRARY	0.9949			0
04	Alpena	RECREATION	0.5000			0
04	Alpena	SENIORS	0.5500			0
04	Alpena	SENIORS	0.0000			0
04	Alpena	VETERANS	0.2100			0
04	Alpena	JAIL	0.9950			0
04	Alpena	ALLOC/CHARTER	4.7763			0
<b>04</b>	<b>Total</b>		9.5187			
05	Antrim	ALLOC/CHARTER	5.0500			0
05	Antrim	EMS 911/CENTRAL DISPATCH	0.4826			0
05	Antrim	MEADOWBROOK RETIREMENT CENTER	0.9653			0
05	Antrim	SENIORS	0.2550			0



2023 rates listed are subject to change until final on February 1, 2024

CountyCode	CountyName	MillagePurpose	MillageRate	MillageRateType	DNRTaxAuth	Imported
05	Antrim	CONSERVATION DISTRICT	0.0975			0
05	Antrim	RECYCLING	0.1710			0
<b>05 Total</b>			7.0214			
06	Arenac	VETERANS	0.1000			0
06	Arenac	TRANSIT	0.5977			0
06	Arenac	AMBULANCE	0.2490			0
06	Arenac	ALLOC/CHARTER	5.1807			0
06	Arenac	AMBULANCE/ALS/EMS	0.4981			0
06	Arenac	EMS 911/CENTRAL DISPATCH	1.3450			0
06	Arenac	POLICE	1.2453			0
06	Arenac	ROADS	0.9963			0
06	Arenac	SENIORS	0.7472			0
<b>06 Total</b>			10.9593			
07	Baraga	ALLOC/CHARTER	8.5338			0
07	Baraga	ROADS	1.9856			0
07	Baraga	SENIORS	0.9923			0
<b>07 Total</b>			11.5117			
08	Barry	ALLOC/CHARTER	5.2091			0
08	Barry	EMS 911/CENTRAL DISPATCH	0.9416			0
08	Barry	MEDICAL CENTER/CARE FACILITY	0.6524		DB	0
08	Barry	SENIORS	0.4705			0
08	Barry	PARKS/REC	0.2164			0
08	Barry	TRANSIT/BUS	0.2377			0
<b>08 Total</b>			7.7277			
09	Bay	ALLOC/CHARTER	5.7078			0
09	Bay	EMS 911/CENTRAL DISPATCH	1.0500			0
09	Bay	HISTORICAL SOCIETY/MUSEUM	0.0948			0
09	Bay	LIBRARY	1.7445			0
09	Bay	MEDICAL	0.7476			0
09	Bay	MOSQUITO	0.5482			0
09	Bay	SENIORS	0.8500			0
09	Bay	MEDICAL CENTER/CARE FACILITY	0.9969			0
09	Bay	ANIMAL CONTROL/SHELTER	0.7000			0
09	Bay	VETERANS	0.0996			0
09	Bay	GYPSY MOTH	0.0996			0
<b>09 Total</b>			12.6390			
10	Benzie	SCHOOL LIASON POLICE OFFICER	0.1800			0
10	Benzie	ALLOC/CHARTER	3.3378			0

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CountyCode	CountyName	MillagePurpose	MillageRate	MillageRateType	DNRTaxAuth	Imported
10	Benzie	AMBULANCE/ALS/EMS	0.8000			0
10	Benzie	ANIMAL CONTROL/SHELTER	0.1400			0
10	Benzie	CONSERVATION DISTRICT	0.1222			0
10	Benzie	JAIL	1.2660			0
10	Benzie	MEDICAL CENTER/CARE FACILITY	0.3626			0
10	Benzie	MEDICAL CENTER/CARE FACILITY	0.4500		DB	0
10	Benzie	NARCOTICS	0.1000			0
10	Benzie	ROADS	0.9666			0
10	Benzie	SENIORS	0.8177			0
10	Benzie	VETERANS	0.0400			0
<b>10</b>	<b>Total</b>		8.5829			
11	Berrien	POLICE	0.3496			0
11	Berrien	SENIORS	0.2997			0
11	Berrien	ALLOC/CHARTER	4.7680			0
11	Berrien	EMS 911/CENTRAL DISPATCH	0.4495			0
11	Berrien	PARKS/REC	0.0999			0
<b>11</b>	<b>Total</b>		5.9667			
12	Branch	JAIL	1.2375			0
12	Branch	ALLOC/CHARTER	4.7076			0
12	Branch	EMS 911/CENTRAL DISPATCH	0.9900			0
12	Branch	SENIORS	0.4857			0
12	Branch	SENIORS	0.2399			0
12	Branch	VETERANS	0.0988		CH	0
<b>12</b>	<b>Total</b>		7.7595			
13	Calhoun	ALLOC/CHARTER	5.3698			0
13	Calhoun	SENIORS	0.7440			0
13	Calhoun	PARKS/REC	0.1997			0
13	Calhoun	EMS 911/CENTRAL DISPATCH	0.9800			0
13	Calhoun	MEDICAL	0.2482			0
13	Calhoun	VETERANS	0.1000			0
<b>13</b>	<b>Total</b>		7.6417			
14	Cass	MEDICAL CENTER/CARE FACILITY	0.4944			0
14	Cass	ALLOC/CHARTER	4.5702			0
14	Cass	DRUG ENFORCEMENT	0.4751			0
14	Cass	EMS 911/CENTRAL DISPATCH	0.2000			0
14	Cass	SENIORS	0.9858			0
<b>14</b>	<b>Total</b>		6.7255			
15	Charlevoix	ALLOC/CHARTER	4.4500			0

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CountyCode	CountyName	MillagePurpose	MillageRate	MillageRateType	DNRTaxAuth	Imported
15	Charlevoix	MEDICAL	0.7334			0
15	Charlevoix	PARKS/REC	0.1500			0
15	Charlevoix	RECYCLING	0.1466			0
15	Charlevoix	ROADS	0.9707			0
15	Charlevoix	SENIORS	0.6356			0
15	Charlevoix	TRANSIT/BUS	0.2500			0
15	Charlevoix	VETERANS	0.1000			0
<b>15 Total</b>			7.4363			
16	Cheboygan	ROADS	1.0000			0
16	Cheboygan	SENIORS	0.5000			0
16	Cheboygan	AMBULANCE/ALS/EMS	0.4939			0
16	Cheboygan	EMS 911/CENTRAL DISPATCH	0.5000			0
16	Cheboygan	ALLOC/CHARTER	5.6711			0
<b>16 Total</b>			8.1650			
17	Chippewa	ALLOC/CHARTER	6.1143			0
17	Chippewa	ANIMAL CONTROL/SHELTER	0.0994			0
17	Chippewa	FIRE/AMBULANCE	0.4275			0
17	Chippewa	RECYCLING	0.5000			0
17	Chippewa	ROADS	0.9821			0
17	Chippewa	SENIORS	0.7456			0
<b>17 Total</b>			8.8689			
18	Clare	ALLOC/CHARTER	4.6902			0
18	Clare	EMS 911/CENTRAL DISPATCH	0.3486			0
18	Clare	SENIORS	0.4781			0
18	Clare	TRANSIT/BUS	0.5000			0
18	Clare	ANIMAL CONTROL/SHELTER	0.2988			0
18	Clare	MSU 4H	0.1295			0
18	Clare	SENIORS	0.2700			0
18	Clare	GYPSY MOTH	0.9964			0
<b>18 Total</b>			7.7116			
19	Clinton	EMS 911/CENTRAL DISPATCH	0.8384			0
19	Clinton	ALLOC/CHARTER	5.7189			0
<b>19 Total</b>			6.5573			
20	Crawford	ALLOC/CHARTER	5.9891			0
20	Crawford	LIBRARY	0.3000		DB	0
20	Crawford	LIBRARY	0.4381			0
20	Crawford	POLICE	1.4235			0
20	Crawford	SENIORS - SENIOR CENTER	0.3125		DB	0

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CountyCode	CountyName	MillagePurpose	MillageRate	MillageRateType	DNRTaxAuth	Imported
20	Crawford	RECREATION	0.4762			0
20	Crawford	ROADS	0.9830			0
20	Crawford	SENIORS	0.9830			0
20	Crawford	TRANSIT/BUS	0.6906			0
20	Crawford	VETERANS	0.2455			0
<b>20 Total</b>			11.8415			
21	Delta	ALLOC/CHARTER	5.0317			0
21	Delta	COMMUNITY ACTION	0.8000			0
21	Delta	EMS 911/CENTRAL DISPATCH	0.7500			0
21	Delta	POLICE	1.3000			0
21	Delta	RECYCLING	0.3000			0
21	Delta	JAIL	0.8500		DB	0
<b>21 Total</b>			9.0317			
22	Dickinson	VETERANS	0.0999			0
22	Dickinson	MEDICAL	0.0999			0
22	Dickinson	HEALTH DEPT. SERVICES	0.4195			0
22	Dickinson	ALLOC/CHARTER	6.1323			0
22	Dickinson	BAY COLLEGE EXT	0.9987			0
22	Dickinson	EMS 911/CENTRAL DISPATCH	0.3995			0
22	Dickinson	LIBRARY	0.8988			0
22	Dickinson	ROADS	0.4994			0
22	Dickinson	SENIORS	0.3995			0
<b>22 Total</b>			9.9475			
23	Eaton	ALLOC/CHARTER	5.2096			0
23	Eaton	EMS 911/CENTRAL DISPATCH	0.9490			0
23	Eaton	JAIL	0.6993			0
23	Eaton	JUVENILE	0.3496			0
23	Eaton	MEDICAL CARE	0.1248			0
23	Eaton	ROADS	1.4985			0
23	Eaton	TRANSIT/BUS	0.2497			0
23	Eaton	PARKS/REC	0.5000			0
<b>23 Total</b>			9.5805			
24	Emmet	MEDICAL CENTER	0.2463			0
24	Emmet	EMS 911/CENTRAL DISPATCH	0.2964			0
24	Emmet	ALLOC/CHARTER	4.8500			0
24	Emmet	AMBULANCE/ALS/EMS	0.6739			0
24	Emmet	SENIORS	0.5000			0
<b>24 Total</b>			6.5666			

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CountyCode	CountyName	MillagePurpose	MillageRate	MillageRateType	DNRTaxAuth	Imported
25	Genesee	ALLOC/CHARTER	5.3921			0
25	Genesee	AMBULANCE/ALS/EMS	0.4743			0
25	Genesee	ANIMAL CONTROL/SHELTER	0.1957			0
25	Genesee	HEALTH DEPT. SERVICES	0.9790			0
25	Genesee	MSU EXTENSION	0.0800			0
25	Genesee	PARKS/REC	0.7500			0
25	Genesee	SENIORS	0.6852			0
25	Genesee	VETERANS	0.0984			0
25	Genesee	MENTAL HEALTH	0.9338			0
25	Genesee	COMMUNITY SERVICES	0.9417			0
<b>25</b>	<b>Total</b>		10.5302			
26	Gladwin	CONSERVATION DISTRICT	0.1493			0
26	Gladwin	ANIMAL CONTROL/SHELTER	0.2000			0
26	Gladwin	EMS 911/CENTRAL DISPATCH	1.0000			0
26	Gladwin	GYPSY MOTH	0.7500			0
26	Gladwin	EMS/BLDG MAINT.	1.0000			0
26	Gladwin	ALLOC/CHARTER	4.3866			0
26	Gladwin	DIAL-A-RIDE	0.4979			0
26	Gladwin	MSU EXTENSION	0.1095			0
26	Gladwin	ROADS/HWY/BRIDGES	1.9916			0
26	Gladwin	SENIORS	0.7468			0
<b>26</b>	<b>Total</b>		10.8317			
27	Gogebic	ALLOC/CHARTER	6.6419			0
27	Gogebic	ANIMAL CONTROL/RECYCLING	0.2000			0
27	Gogebic	MEDICAL CARE BLDG SITE	0.3977			0
27	Gogebic	MEDICAL CARE M.O.E.	0.2000			0
27	Gogebic	SENIORS	0.5965			0
27	Gogebic	TRANSIT/BUS	0.1900			0
27	Gogebic	AMBULANCE	1.0000			0
<b>27</b>	<b>Total</b>		9.2261			
28	Grand Traverse	ROADS/BRIDGES	0.9734			0
28	Grand Traverse	VETERANS	0.1135			0
28	Grand Traverse	ANIMAL CONTROL/SHELTER	0.0370			0
28	Grand Traverse	CONSERVATION DISTRICT	0.0958			0
28	Grand Traverse	ALLOC/CHARTER	4.7268			0
28	Grand Traverse	SENIORS - SENIOR CENTER	0.0945			0
28	Grand Traverse	SENIORS	0.4739			0
<b>28</b>	<b>Total</b>		6.5149			

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CountyCode	CountyName	MillagePurpose	MillageRate	MillageRateType	DNRTaxAuth	Imported
29	Gratiot	LIBRARY	0.4994			0
29	Gratiot	ALLOC/CHARTER	5.5206			0
29	Gratiot	PARKS/REC	0.3494			0
29	Gratiot	POLICE	0.4486			0
29	Gratiot	PROMOTION / ADVERTISING - PA 359/PA88	0.4500			0
29	Gratiot	SENIORS	0.6492			0
<b>29 Total</b>			7.9172			
30	Hillsdale	MEDICAL CENTER/CARE FACILITY	0.5889			0
30	Hillsdale	MEDICAL CENTER/CARE FACILITY	0.3500		DB	0
30	Hillsdale	MENTAL HEALTH	0.4907			0
30	Hillsdale	ALLOC/CHARTER	4.8619			0
30	Hillsdale	AMBULANCE/ALS/EMS	0.8343			0
30	Hillsdale	AMBULANCE/ALS/EMS	0.1472			0
30	Hillsdale	SENIORS	0.4873			0
30	Hillsdale	SENIORS	0.4904			0
<b>30 Total</b>			8.2507			
31	Houghton	ALLOC/CHARTER	6.2220			0
31	Houghton	MEDICAL	2.2331			0
31	Houghton	ROADS	1.3427			0
31	Houghton	VETERANS	0.1478			0
<b>31 Total</b>			9.9456			
32	Huron	ALLOC/CHARTER	4.3807			0
32	Huron	MEDICAL	0.5000			0
32	Huron	ROADS	1.0000			0
32	Huron	SENIORS	0.2500			0
32	Huron	TRANSIT/BUS	0.2000			0
32	Huron	VETERANS	0.0800			0
32	Huron	EMS 911/CENTRAL DISPATCH	0.4000			0
<b>32 Total</b>			6.8107			
33	Ingham	SENIORS	0.2994			0
33	Ingham	ANIMAL CONTROL/SHELTER	0.2000			0
33	Ingham	JAIL/LAW ENFORCEMENT	0.8476			0
33	Ingham	ALLOC/CHARTER	6.7479		CH	0
33	Ingham	EMS 911/CENTRAL DISPATCH	0.8483			0
33	Ingham	FARMLAND PRESERV.	0.1395			0
33	Ingham	HEALTH DEPT. SERVICES	0.0000			0
33	Ingham	JUVENILE	0.6000			0
33	Ingham	PARKS/REC	0.4986			0

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CountyCode	CountyName	MillagePurpose	MillageRate	MillageRateType	DNRTaxAuth	Imported
33	Ingham	TRANSIT/BUS	0.5988			0
33	Ingham	VETERANS	0.0328		CH	0
33	Ingham	ZOO	0.4986			0
<b>33</b>	<b>Total</b>		11.3115			
34	Ionia	ALLOC/CHARTER	4.5711			0
34	Ionia	LIBRARY	1.2159			0
34	Ionia	SENIORS	0.4921			0
34	Ionia	ROADS	0.9867			0
<b>34</b>	<b>Total</b>		7.2658			
35	losco	PARKS/REC	0.2498			0
35	losco	EMS 911/CENTRAL DISPATCH	0.6795			0
35	losco	VETERANS	0.1000			0
35	losco	TRANSIT/BUS	0.1449			0
35	losco	SENIORS	0.2088			0
35	losco	ALLOC/CHARTER	3.9105			0
35	losco	AMBULANCE/ALS/EMS	0.5996			0
35	losco	ANIMAL CONTROL/SHELTER	0.1500			0
35	losco	MEDICAL CARE	0.4554			0
35	losco	MSU 4H	0.1199			0
35	losco	SENIORS	0.2908			0
<b>35</b>	<b>Total</b>		6.9092			
36	Iron	ALLOC/CHARTER	6.3683			0
36	Iron	HEALTH DEPT. SERVICES	0.4159			0
36	Iron	MEDICAL	1.4855			0
36	Iron	MEDICARE BOND	0.2800		DB	0
36	Iron	ROADS	0.4951			0
36	Iron	SENIORS	0.2673			0
36	Iron	YOUTH CAMP	0.4951			0
36	Iron	AMBULANCE/ALS/EMS	1.0000			0
36	Iron	HEALTHCARE BENEFIT ASSISTANCE	0.0989			0
36	Iron	SENIORS - MEALS	0.0989			0
36	Iron	EMS 911/CENTRAL DISPATCH	0.9904			0
36	Iron	VETERANS	0.0742			0
<b>36</b>	<b>Total</b>		12.0696			
37	Isabella	ALLOC/CHARTER	6.6100		ST	0
37	Isabella	MEDICAL CARE REMODEL & OP	1.0000		ST	0
37	Isabella	PARKS/REC	0.3500		ST	0
37	Isabella	SENIORS	0.8776		ST	0

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CountyCode	CountyName	MillagePurpose	MillageRate	MillageRateType	DNRTaxAuth	Imported
37	Isabella	TRANSIT/BUS	0.8620		ST	0
<b>37 Total</b>			9.6996			
38	Jackson	ALLOC/CHARTER	5.0660			0
38	Jackson	MEDICAL	0.2476			0
38	Jackson	SENIORS	0.5966			0
38	Jackson	ANIMAL CONTROL/SHELTER	0.2476			0
38	Jackson	PARKS/REC	0.4954			0
38	Jackson	MENTAL HEALTH	0.4947			0
<b>38 Total</b>			7.1479			
39	Kalamazoo	SENIORS	0.3462			0
39	Kalamazoo	LOCAL HOUSING ASST FUND	0.7453			0
39	Kalamazoo	EMS 911/CENTRAL DISPATCH	0.6459			0
39	Kalamazoo	ALLOC/CHARTER	4.6318			0
39	Kalamazoo	DEBT - JUV. HOME	0.1613		DB	0
39	Kalamazoo	SAFETY	1.4380			0
<b>39 Total</b>			7.9685			
40	Kalkaska	ALLOC/CHARTER	5.3691			0
40	Kalkaska	KALISIUM	0.2461			0
40	Kalkaska	LIBRARY	0.2461			0
40	Kalkaska	ROADS	0.9848			0
40	Kalkaska	SENIORS	0.4923			0
40	Kalkaska	TRANSIT/BUS	0.2461			0
40	Kalkaska	RECYCLING	0.1140			0
40	Kalkaska	ANIMAL CONTROL/SHELTER	0.1307			0
40	Kalkaska	SENIORS	0.4955			0
40	Kalkaska	CONSERVATION DISTRICT	0.2461			0
<b>40 Total</b>			8.5708			
41	Kent	MUSEUM/ZOO	0.4206			0
41	Kent	CHILD SUPPORT SERV	0.2409			0
41	Kent	ALLOC/CHARTER	4.1310			0
41	Kent	JAIL	0.7546			0
41	Kent	SENIORS	0.5000			0
41	Kent	VETERANS	0.0500			0
<b>41 Total</b>			6.0971			
42	Keweenaw	ALLOC/CHARTER	6.0801			0
42	Keweenaw	POLICE	0.4899			0
42	Keweenaw	REPAIRS	0.4899			0
42	Keweenaw	VETERANS	0.0971			0



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CountyCode	CountyName	MillagePurpose	MillageRate	MillageRateType	DNRTaxAuth	Imported
42	Keweenaw	ROADS	1.9601			0
<b>42 Total</b>			9.1171			
43	Lake	AMBULANCE	0.7336			0
43	Lake	VETERANS	0.0973			0
43	Lake	ALLOC/CHARTER	5.8657			0
43	Lake	EMS 911/CENTRAL DISPATCH	1.6994			0
43	Lake	LIBRARY	0.2427			0
43	Lake	POLICE	2.9135			0
43	Lake	SENIORS	0.6318			0
43	Lake	TRANSIT/BUS	0.3717			0
<b>43 Total</b>			12.5557			
44	Lapeer	POLICE	1.4500			0
44	Lapeer	MEDICAL CENTER/CARE FACILITY	0.3196			0
44	Lapeer	AMBULANCE	0.8814			0
44	Lapeer	ALLOC/CHARTER	3.6258			0
44	Lapeer	SENIORS	0.2430			0
44	Lapeer	VETERANS	0.1813			0
<b>44 Total</b>			6.7011			
45	Leelanau	ALLOC/CHARTER	3.3580			0
45	Leelanau	ROADS	0.5000			0
45	Leelanau	SENIORS	0.3134			0
45	Leelanau	CHILD SUPPORT SERV	0.2111			0
<b>45 Total</b>			4.3825			
46	Lenawee	VETERANS	0.0996			0
46	Lenawee	ALLOC/CHARTER	5.4000			0
46	Lenawee	MEDICAL CARE	0.1889			0
46	Lenawee	SENIORS	0.7478			0
<b>46 Total</b>			6.4363			
47	Livingston	EV OPER. GENERAL	0.0564			0
47	Livingston	VETERANS	0.0000			0
47	Livingston	ALLOC/CHARTER	3.2089			0
47	Livingston	AMBULANCE/ALS/EMS	0.2836			0
<b>47 Total</b>			3.5489			
48	Luce	LIBRARY	0.7500		OB	0
48	Luce	ALLOC/CHARTER	5.2726		CH	0
48	Luce	AMBULANCE/ALS/EMS	0.9917		OB	0
48	Luce	EXTENSION	0.4978		OB	0
48	Luce	PARKS/REC	0.4978		OB	0

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48	Luce	PUBLIC AIRPORT	0.4978		OB	0
48	Luce	SENIORS	0.4985		OB	0
48	Luce	VETERANS	0.4978		OB	0
48	Luce	ANIMAL CONTROL/SHELTER	0.4985		OB	0
48	Luce	CHILD SUPPORT SERV	0.4985		OB	0
48	Luce	POLICE EQUIP	0.9970		OB	0
48	Luce	AMBULANCE	1.5000		OB	0
<b>48 Total</b>			12.9980			
49	Mackinac	ALLOC/CHARTER	4.4802			0
49	Mackinac	HOSPITAL	1.1915			0
49	Mackinac	SENIORS	0.2489			0
49	Mackinac	VETERANS	0.0996			0
<b>49 Total</b>			6.0202			
50	Macomb	ALLOC/CHARTER	4.3200			0
50	Macomb	DRAIN DEBT, CHAPTER 20	0.0000		DB	0
50	Macomb	VETERANS	0.0690			0
<b>50 Total</b>			4.3890			
51	Manistee	CONSERVATION DISTRICT	0.0984			0
51	Manistee	DIAL-A-RIDE	0.4927			0
51	Manistee	EMS 911/CENTRAL DISPATCH	0.9855			0
51	Manistee	LIBRARY	0.9855			0
51	Manistee	MEDICAL CARE	0.4927			0
51	Manistee	SENIORS	0.4680			0
51	Manistee	ALLOC/CHARTER	5.4204			0
51	Manistee	CONSERVATION DISTRICT	0.1250			0
<b>51 Total</b>			9.0682			
52	Marquette	ALLOC/CHARTER	5.2446			0
52	Marquette	EMS 911/CENTRAL DISPATCH	0.4923			0
52	Marquette	MEDICAID OE	0.5448			0
52	Marquette	RESCUE	0.1510			0
52	Marquette	SENIORS	0.4431			0
52	Marquette	TRANSIT/BUS	0.5970			0
52	Marquette	VETERANS	0.0800			0
<b>52 Total</b>			7.5528			
53	Mason	ALLOC/CHARTER	5.0967			0
53	Mason	EMS 911/CENTRAL DISPATCH	0.1400			0
53	Mason	JAIL	0.5800			0
53	Mason	MEDICAL CENTER/CARE FACILITY	0.9715			0

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CountyCode	CountyName	MillagePurpose	MillageRate	MillageRateType	DNRTaxAuth	Imported
53	Mason	SENIORS	0.2979			0
53	Mason	VETERANS	0.0030	CH		0
53	Mason	POLICE/PUBLIC SAFETY	0.3000			0
<b>53 Total</b>			7.3891			
54	Mecosta	ALLOC/CHARTER	5.8765			0
54	Mecosta	EMS 911/CENTRAL DISPATCH	0.9342			0
54	Mecosta	SENIORS	0.4954			0
<b>54 Total</b>			7.3061			
55	Menominee	EMS 911/CENTRAL DISPATCH	0.6152			0
55	Menominee	LIBRARY	0.3692			0
55	Menominee	ALLOC/CHARTER	6.9515			0
55	Menominee	POLICE	1.7671			0
55	Menominee	SENIORS	0.5906			0
<b>55 Total</b>			10.2936			
56	Midland	ALLOC/CHARTER	4.8955			0
56	Midland	AMBULANCE	0.5500			0
56	Midland	EMS 911/CENTRAL DISPATCH	0.7000			0
56	Midland	MCF - PINECREST	0.3700			0
56	Midland	MOSQUITO	0.4000			0
56	Midland	TRANSIT/BUS	0.2500			0
56	Midland	ROADS	1.0000			0
56	Midland	SENIORS	0.8500			0
56	Midland	ROADS	1.0000			0
56	Midland	SCHOOL LIASON POLICE OFFICER	0.3000			0
56	Midland	GYPSY MOTH	0.3000			0
<b>56 Total</b>			10.6155			
57	Missaukee	ALLOC/CHARTER	4.8695			0
57	Missaukee	EMS 911/CENTRAL DISPATCH	0.9937			0
57	Missaukee	POLICE	1.2500			0
57	Missaukee	SENIORS	0.7500			0
57	Missaukee	CONSERVATION DISTRICT	0.1490			0
57	Missaukee	RECYCLING	0.2484			0
<b>57 Total</b>			8.2606			
58	Monroe	ALLOC/CHARTER	4.7952			0
58	Monroe	MEDICAL CENTER/CARE FACILITY	0.1250			0
58	Monroe	MUSEUM	0.1500			0
58	Monroe	SENIORS	0.5280			0
58	Monroe	VETERANS	0.0020	CH		0

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CountyCode	CountyName	MillagePurpose	MillageRate	MillageRateType	DNRTaxAuth	Imported
<b>58 Total</b>			5.6002			
59	Montcalm	ALLOC/CHARTER	4.3066			0
59	Montcalm	AMBULANCE/ALS/EMS	0.6500			0
59	Montcalm	LIBRARY	0.8818			0
59	Montcalm	SENIORS	0.4200			0
59	Montcalm	JAIL/LAW ENFORCEMENT	0.9799			0
59	Montcalm	VETERANS	0.2459			0
59	Montcalm	MSU 4H	0.1959			0
<b>59 Total</b>			7.6801			
60	Montmorency	MSU EXTENSION	0.2480			0
60	Montmorency	EV OPER. GENERAL	0.5901			0
60	Montmorency	VETERANS	0.1000			0
60	Montmorency	ALLOC/CHARTER	5.1136			0
60	Montmorency	LIBRARY	0.5953			0
60	Montmorency	POLICE	0.9923			0
60	Montmorency	ROADS	0.9923			0
60	Montmorency	SENIORS	0.9923			0
<b>60 Total</b>			9.6239			
61	Muskegon	SENIORS	0.4921			0
61	Muskegon	ALLOC/CHARTER	5.6097			0
61	Muskegon	EMS 911/CENTRAL DISPATCH	0.2952			0
61	Muskegon	MUSEUM	0.3169			0
61	Muskegon	VETERANS	0.0739			0
<b>61 Total</b>			6.7878			
62	Newaygo	ALLOC/CHARTER	5.2142			0
62	Newaygo	MEDICAL CENTER/CARE FACILITY	0.3600			0
62	Newaygo	POLICE	0.9681			0
62	Newaygo	SENIORS	0.9693			0
62	Newaygo	VETERANS	0.0976			0
<b>62 Total</b>			7.6092			
63	Oakland	ALLOC/CHARTER	3.9686			0
63	Oakland	PARKS/REC	0.3431			0
63	Oakland	TRANSIT	0.9500			0
<b>63 Total</b>			5.2617			
64	Oceana	MEDICAL CENTER/CARE FACILITY	0.0379		DB	0
64	Oceana	EMS 911/CENTRAL DISPATCH	0.1374			0
64	Oceana	MEDICAL CENTER/CARE FACILITY	1.9730			0
64	Oceana	SENIORS	0.9838			0

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CountyCode	CountyName	MillagePurpose	MillageRate	MillageRateType	DNRTaxAuth	Imported
64	Oceana	VETERANS	0.0986			0
64	Oceana	ALLOC/CHARTER	5.6571			0
64	Oceana	AMBULANCE/ALS/EMS	0.9000			0
<b>64 Total</b>			9.7878			
65	Ogemaw	ALLOC/CHARTER	6.0931			0
65	Ogemaw	SENIORS	0.7486			0
65	Ogemaw	TRANSIT/BUS	0.2994			0
65	Ogemaw	VETERANS	0.1247			0
65	Ogemaw	MSU EXTENSION	0.1461			0
65	Ogemaw	VETERANS	0.0400			0
65	Ogemaw	TRANSIT	0.2994			0
65	Ogemaw	POLICE	0.9983			0
<b>65 Total</b>			8.7496			
66	Ontonagon	ALLOC/CHARTER	6.4574			0
66	Ontonagon	AMBULANCE/ALS/EMS	1.2379			0
66	Ontonagon	ANIMAL CONTROL/SHELTER	0.1485			0
66	Ontonagon	COMMUNITY ACTION	0.2970			0
66	Ontonagon	ROADS	4.9521			0
66	Ontonagon	SENIORS	0.4952			0
66	Ontonagon	TRANSIT/BUS	0.9904			0
<b>66 Total</b>			14.5785			
67	Osceola	ALLOC/CHARTER	6.3217			0
67	Osceola	POLICE	1.0000			0
67	Osceola	SENIORS	0.9879			0
67	Osceola	POLICE	1.0000			0
67	Osceola	MSU EXTENSION	0.2500			0
67	Osceola	AMBULANCE/ALS/EMS	1.3139			0
<b>67 Total</b>			10.8735			
68	Oscoda	VETERANS	0.3333			0
68	Oscoda	POLICE EQUIP	0.2500			0
68	Oscoda	AMBULANCE	0.2500			0
68	Oscoda	AMBULANCE	1.5000			0
68	Oscoda	GYPSY MOTH	0.4999			0
68	Oscoda	ALLOC/CHARTER	5.8705			0
68	Oscoda	DRUG ENFORCEMENT	0.2499			0
68	Oscoda	POLICE	0.9998			0
68	Oscoda	SENIORS	0.9998			0
<b>68 Total</b>			10.9532			

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CountyCode	CountyName	MillagePurpose	MillageRate	MillageRateType	DNRTaxAuth	Imported
69	Otsego	ALLOC/CHARTER	4.0214			0
69	Otsego	AMBULANCE/ALS/EMS	0.7744			0
69	Otsego	ANIMAL CONTROL/SHELTER	0.2978			0
69	Otsego	PARKS/REC	0.2500			0
69	Otsego	RECYCLING	0.2500			0
69	Otsego	ROADS	0.9929			0
69	Otsego	SENIORS	0.9929			0
69	Otsego	SPORTSPLEX	0.2482			0
69	Otsego	TRANSIT/BUS	0.5957			0
69	Otsego	LIBRARY	0.3971			0
69	Otsego	UNIVERSITY CENTER/M-TEC	0.9730			0
<b>69 Total</b>			9.7934			
70	Ottawa	MENTAL HEALTH	0.2859			0
70	Ottawa	ROADS	0.4767			0
70	Ottawa	ALLOC/CHARTER	3.9000			0
70	Ottawa	EMS 911/CENTRAL DISPATCH	0.4195			0
70	Ottawa	PARKS/REC	0.3163			0
<b>70 Total</b>			5.3984			
71	Presque Isle	ALLOC/CHARTER	5.6932			0
71	Presque Isle	RECYCLING	0.2000			0
71	Presque Isle	SENIORS	0.7470			0
71	Presque Isle	SENIORS - TRANSPORTATION	0.2490			0
71	Presque Isle	VETERANS	0.0248		CH	0
71	Presque Isle	SCHOOL LIASON POLICE OFFICER	0.3287			0
<b>71 Total</b>			7.2427			
72	Roscommon	ROADS	0.4914			0
72	Roscommon	ANIMAL CONTROL/SHELTER	0.1474			0
72	Roscommon	ALLOC/CHARTER	3.5194			0
72	Roscommon	ANIMAL CONTROL/SHELTER	0.2454			0
72	Roscommon	EMS 911/CENTRAL DISPATCH	1.0000			0
72	Roscommon	GYPSY MOTH	0.1228			0
72	Roscommon	POLICE	1.5000			0
72	Roscommon	SENIORS	0.9822			0
72	Roscommon	VETERANS	0.1640			0
<b>72 Total</b>			8.1726			
73	Saginaw	MOSQUITO	1.0000			0
73	Saginaw	ALLOC/CHARTER	4.8485			0
73	Saginaw	ANIMAL CONTROL/SHELTER	0.4243			0

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CountyCode	CountyName	MillagePurpose	MillageRate	MillageRateType	DNRTaxAuth	Imported
73	Saginaw	EVENT CENTER	0.4493			0
73	Saginaw	HOSPITAL	0.4300	DB		0
73	Saginaw	MUSEUM	0.1994			0
73	Saginaw	PARKS/REC	0.2937			0
73	Saginaw	POLICE	1.7473			0
73	Saginaw	SENIORS	0.5891			0
73	Saginaw	HEALTH DEPT. SERVICES	0.4792			0
73	Saginaw	ZOO	0.1997			0
73	Saginaw	EMS 911/CENTRAL DISPATCH	0.2795			0
<b>73 Total</b>			10.9400			
74	Saint Clair	DRUG ENFORCEMENT	0.5598			0
74	Saint Clair	AMBULANCE	0.5000			0
74	Saint Clair	ALLOC/CHARTER	5.3153			0
74	Saint Clair	LIBRARY	1.2000			0
74	Saint Clair	PARKS/REC	0.4944			0
74	Saint Clair	ROADS	0.2495			0
74	Saint Clair	SENIORS	0.7983			0
74	Saint Clair	VETERANS	0.0998			0
<b>74 Total</b>			9.2171			
75	Saint Joseph	ROADS	0.9942			0
75	Saint Joseph	SENIORS	0.7456			0
75	Saint Joseph	TRANSIT/BUS	0.3280			0
75	Saint Joseph	ALLOC/CHARTER	4.5217			0
75	Saint Joseph	EMS 911/CENTRAL DISPATCH	0.9942			0
75	Saint Joseph	PARKS/REC	0.2492			0
<b>75 Total</b>			7.8329			
76	Sanilac	RECYCLING	0.1500			0
76	Sanilac	ALLOC/CHARTER	4.0482			0
76	Sanilac	DRUG ABUSE	0.5000			0
76	Sanilac	EMS 911/CENTRAL DISPATCH	0.2000			0
76	Sanilac	MEDICAL	0.2000			0
76	Sanilac	MEDICAL CENTER/CARE FACILITY	0.2000			0
76	Sanilac	PARKS/REC	0.2000			0
76	Sanilac	ROADS	2.0000			0
76	Sanilac	SENIORS	0.2500			0
76	Sanilac	VETERANS	0.2000			0
76	Sanilac	SAVE - SANILAC ABUSE VIOLENCE ELIMINATION	0.2000			0
<b>76 Total</b>			8.1482			

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CountyCode	CountyName	MillagePurpose	MillageRate	MillageRateType	DNRTaxAuth	Imported
77	Schoolcraft	ALLOC/CHARTER	5.1199			0
77	Schoolcraft	LIBRARY	0.2991			0
77	Schoolcraft	MCF/MOE	1.4958			0
77	Schoolcraft	SENIORS	0.6182			0
77	Schoolcraft	TRANSIT/BUS	0.5853			0
77	Schoolcraft	VETERANS	0.1994			0
77	Schoolcraft	CONSERVATION DISTRICT	0.2193			0
<b>77 Total</b>			8.5370			
78	Shiawassee	VETERANS	0.1956	CH		0
78	Shiawassee	ALLOC/CHARTER	5.4220			0
78	Shiawassee	MEDICAL	1.9679			0
78	Shiawassee	MSU EXTENSION	0.0739			0
78	Shiawassee	SENIORS	0.5000			0
78	Shiawassee	VETERANS	0.1000			0
<b>78 Total</b>			8.2594			
79	Tuscola	ALLOC/CHARTER	3.9141			0
79	Tuscola	MEDICAL CARE	0.2500			0
79	Tuscola	MOSQUITO	0.6316			0
79	Tuscola	POLICE	1.3300			0
79	Tuscola	RECYCLING	0.1500			0
79	Tuscola	ROADS	0.9657			0
79	Tuscola	ROADS/HWY/BRIDGES	0.4807			0
79	Tuscola	SENIORS	0.3200			0
79	Tuscola	VETERANS	0.1700			0
79	Tuscola	MSU EXTENSION	0.1000			0
<b>79 Total</b>			8.3121			
80	Van Buren	CONSERVATION DISTRICT	0.0991			0
80	Van Buren	VETERANS	0.0995			0
80	Van Buren	ALLOC/CHARTER	4.4347			0
80	Van Buren	AMBULANCE/ALS/EMS	0.9324			0
80	Van Buren	POLICE	0.5332			0
80	Van Buren	ROADS	0.9721			0
80	Van Buren	TRANSIT/BUS	0.2458			0
<b>80 Total</b>			7.3168			
81	Washtenaw	PARKS/REC	0.2260			0
81	Washtenaw	PARKS/REC	0.2474			0
81	Washtenaw	ROADS	0.4950			0
81	Washtenaw	VETERANS	0.0960			0



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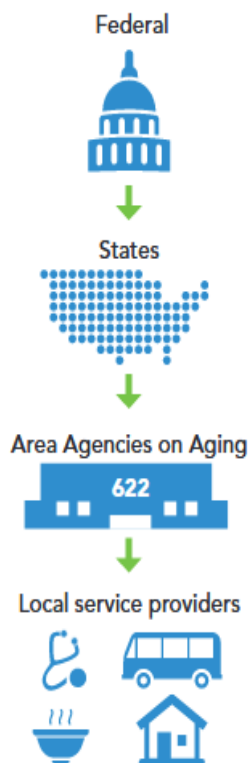
<b>CountyCode</b>	<b>CountyName</b>	<b>MillagePurpose</b>	<b>MillageRate</b>	<b>MillageRateType</b>	<b>DNRTaxAuth</b>	<b>Imported</b>
81	Washtenaw	CONSERVATION DISTRICT	0.0197			0
81	Washtenaw	PUBLIC SAFETY	0.9693			0
81	Washtenaw	ALLOC/CHARTER	4.3512			0
81	Washtenaw	EMS 911/CENTRAL DISPATCH	0.1910			0
81	Washtenaw	PARKS/REC	0.2387			0
<b>81 Total</b>			<b>6.8343</b>			
82	Wayne	ALLOC/CHARTER	5.6099	CH		0
82	Wayne	EV OPER. GENERAL	0.9464	OB		0
82	Wayne	PARKS/REC	0.2442	OB		0
82	Wayne	PUBLIC SAFETY/JAIL	0.9358	OB		0
82	Wayne	VETERANS	0.0365	ST		0
<b>82 Total</b>			<b>7.7728</b>			
83	Wexford	SENIORS	0.9825			0
83	Wexford	VETERANS	0.0981			0
83	Wexford	ALLOC/CHARTER	6.6615			0
83	Wexford	ANIMAL CONTROL/SHELTER	0.1964			0
83	Wexford	PUBLIC SAFETY	1.4246			0
83	Wexford	MSU EXTENSION	0.1669			0
<b>83 Total</b>			<b>9.5300</b>			

Data Source: <https://eequal.bsasoftware.com/ReportSelectionForm.aspx>

## Background & History of Local Appropriations

The Branch-St. Joseph Area Agency on Aging (Region IIC) was formed under the Branch-Hillsdale-St. Joseph Community Health Agency and designated by the Michigan Commission on Services to the Aging on October 1, 1996.

### The Aging Network



Area Agencies on Aging (AAAs) were established under the Older Americans Act (OAA) in 1973 to respond to the needs of Americans 60 and over in every local community. By providing a range of options that allow older adults to choose the home and community-based services and living arrangements that suit them best, AAAs make it possible for older adults to “age in place”. Nationally there are over 620 AAA’s, in Michigan there are 16 regional planning & service areas.

After receiving input from consumers, service providers and other interested stakeholders, the AAA develops an Annual Implementation Plan which outlines community needs and recommendations for programs and services targeted to the needs of older adults. The Plan is updated regularly, monitored for compliance by the Bureau of Aging, Community Living, and Supports (ACLS Bureau) and carried out locally by AAA IIC staff.

AAAs are also tasked by the OAA to serve as advocates for older adults, enabling the agency’s leaders to engage on local and state issues beyond the programs and services they fund or deliver.

AAAs contract with local service providers to deliver many direct aging services, such as meals, transportation and in-home services.

Most AAAs are direct providers of Information and Referral/Assistance, case management, benefits/health insurance counseling and family caregiver support programs.

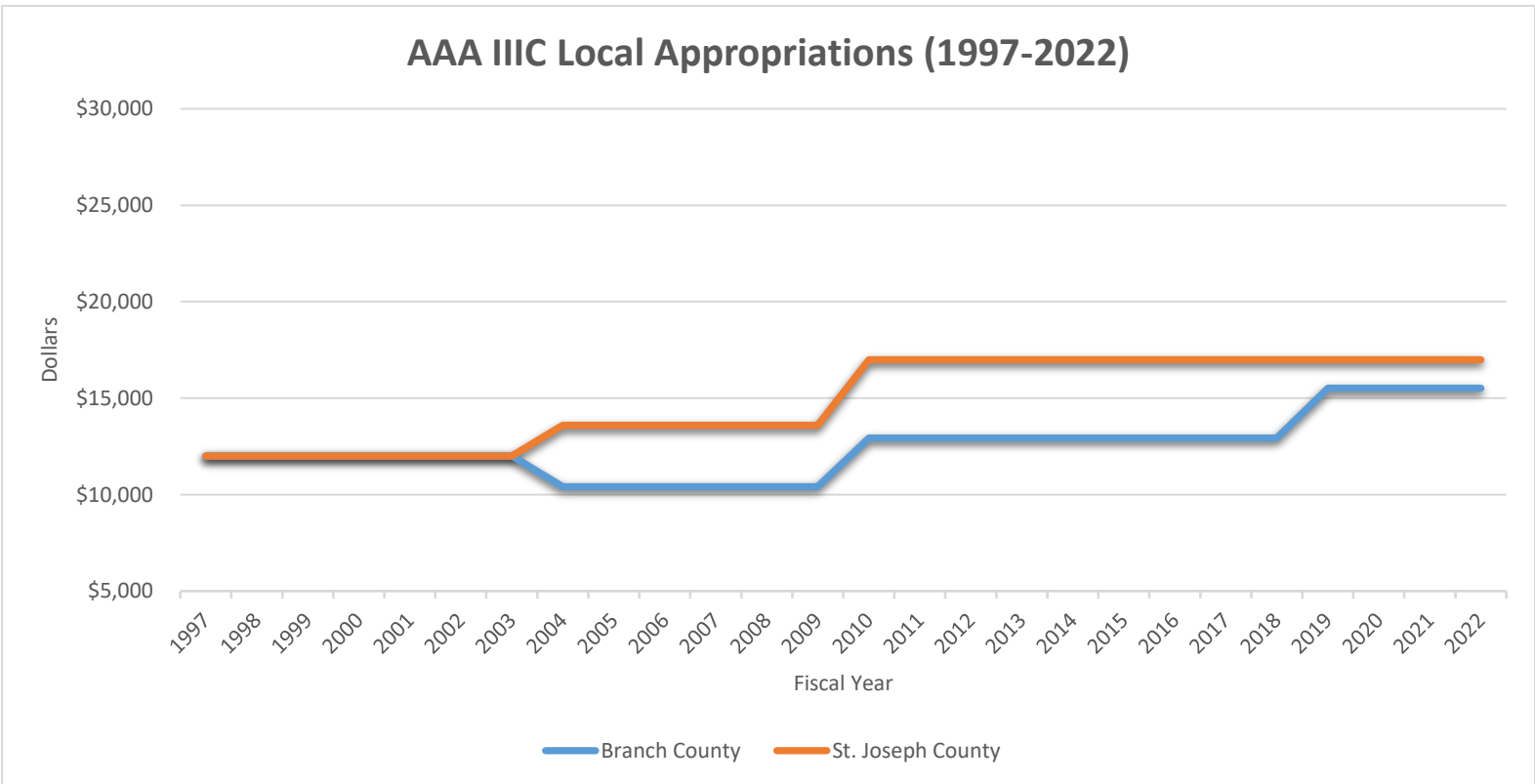
Federal and State dollars are allocated to Area Agencies on Aging for both service provision and administrative function. The Annual Implementation Plan document includes a budget component and a program development component which outlines services, funding and how the region will address unique needs over the coming year. For administrative costs beyond the allowable funding levels under an approved AIP, the matching resources must be provided from non-federal, local sources.

Annually, each County Board of Commissioners makes a local appropriation to AAA Region IIIC to meet the federal and state administrative match requirement as well as to support the local Area Agency on Aging’s Implementation Plan. The BHSJ Community Health Agency Board of Health serves as the AAA Policy Board. As such, the AAA Director is fully engaged with the board and regularly provides information related to:

- Programmatic & local aging network updates
- State/federal guidance & correspondence related to AAA performance
- Engages Board of Health committees for grant making, policy development, and network quality improvement initiatives
- Data trends, community needs and network performance

These local appropriations are used twofold:

1. To meet the required administrative match for state and federal funding sources *(again, this is separate from the service match that AAA sub-grantees provide as a stipulation of receiving fed/state funding)*
2. To carry out agency operations which includes: contract monitoring & compliance, community needs assessment, program development, state/federal programmatic reporting, and provision of core services across the region, including; Information & Assistance/Referral, Community Living Program, health insurance/benefits counseling, and Friendly Reassurance



In FY2020, Branch County approved the requested increase (from \$12,929 to \$15,515). In FY2020 St. Joseph County did not approve the increase. Looking ahead to FY2024, we would request the Board of Health to authorize agency staff to request an increase from the St. Joseph County Board of Commissioners from \$16,989 to \$20,387 (20%).