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|-------------------------------|---------------------------------------|
| Steve Hinkley, Chairperson | Calhoun County Sheriff's Office |
| Ryan Harvey, Vice-Chairperson | Township Association |
| Dan Strowbridge | Calhoun County Board of Commissioners |
| Toby Baker | Michigan State Police |
| Eric Krause | City of Albion |
| Vacant | Area Metropolitan Services Agency |
| Shannon Bagley | City of Battle Creek – Seat #1 |
| Patrick O'Donnell | City of Battle Creek – Seat #2 |
| Scott Wolfersberger | City of Marshall |

Roll Call

Pledge of Allegiance

Agenda Approval

Public Comments – 3-minute limit per person; see [public comment policy](#).

Meeting Minutes Approval

1. April 8, 2025 - Regular Meeting.

Consent Agenda

1. Excuse absent board members.
2. Routine agreements, invoices, and reimbursements.
3. Check register and accounts payable.
4. Reports and items to file.

Report from the Executive Director

Old Business - None

New Business

1. Change Order
2. Resolution 2025-005: Siren Project User Fee Assessments
3. Resolution 2025-006: MPSCS Co-location Agreement

Board Member Comments

Adjournment



Consolidated Dispatch Authority

315 WEST GREEN ST
MARSHALL, MI 49068
NON-EMERGENCY PHONE: 269-781-0911

CALHOUNMI911.GOV

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 CALHOUNCO911

CALHOUN COUNTY CONSOLIDATED DISPATCH AUTHORITY
Governing Board of Directors
April 8, 2025 at 2:30 PM
Calhoun County Administrative Building- Law Library
315 W Green St, Marshall MI 49068

The meeting was called to order by Chair Steve Hinkley at 2:30 PM

ROLL CALL:

Directors Present:

- Steve Hinkley, Chairperson
- Ryan Harvey, Vice-Chair
- Eric Krause, City of Albion
- Toby Baker, Michigan State Police
- Dan Strowbridge, County Board of Commissioners
- Patrick O'Donnell, City of Battle Creek (Seat #2)

Directors Excused:

- Shannon Bagley, City of Battle Creek (Seat #1)
- Scott Wolfersberger, City of Marshall
- Vacant, Area Metropolitan Services Agency

Others Present:

- Michael Armitage, CCCDA
- Robert Stahelin, CCCDA
- Regan Lucas, CCCDA
- Kate Chism, CCCDA

PLEDGE OF ALLEGIANCE

AGENDA APPROVAL A motion was made by Toby Baker approve the April 8, 2025, CCCDA Governing Board agenda. The motion was seconded by Dan Strowbridge.

All were in favor.

Motion was approved.

PUBLIC COMMENTS- Three-minute limit per person; see public comment policy.

None.

MEETING MINUTES

1. A motion was made by Ryan Harvey to accept the March 11, 2025, CCCDA Governing Board minutes. The motion was seconded by Toby Baker.

All were in favor.

Motion was approved.

CONSENT AGENDA

The following items were listed on the Board's consent agenda:

1. Excuse Absent Board Members
2. Routine Agreements, Invoices, and Reimbursements
3. Check Register and Accounts Payable
4. Reports and Items to File

A motion was made by Eric Krause to approve the April 8, 2025, Consent Agenda. The motion was seconded by Dan Strowbridge.

All were in favor.

Motion was approved.

EXECUTIVE DIRECTOR'S REPORT

Highlights from the Executive Director's report were shared by Michael Armitage.

1. Siren Project- Responses from municipalities are coming in.
2. Radios- Training documents are being finalized and programming is continuing on schedule. The Washington Heights tower site still is not energized. Nokia is scheduled to be here for programming, the sight will run off of the generator to keep the time line on schedule.

3. Staffing- There are currently 24 full time employees, five in training (two nearing release). Kory Wallace started as the new supervisor on Monday. A question was raised by Dan Strowbridge about why an internal candidate was not selected. A discussion among the board took place; various viewpoints were shared. It was explained the most qualified candidate was hired.

OLD BUSINESS

None.

NEW BUSINESS

1. Change in Personnel Allocation- Discussion took place among the board regarding the need for the position and current areas of concern. Meetings have taken place with county admin staff regarding budgeting and shared cost options. A motion was made by Eric Krause to approve adding one FTE records specialist position, contingent upon County approval. The motion was seconded by Ryan Harvey.

All were in favor.

The motion passed.

2. Resolution 2025-03- Budget Amendment- The budget amendment is reflective of the outdoor warning siren project. A quote has been provided by the vendor which includes each municipality. There will be contracts/agreements in the future, but the budget amendment is needed to move forward with the loan process. A motion was made by Ryan Harvey to approve Resolution 2025-003. The motion was seconded by Dan Strowbridge. A roll call vote was taken: Steve Hinkley, yes; Ryan Harvey, yes; Dan Strowbridge, yes; Toby Baker, yes; Eric Krause, yes; Patrick O'Donnell, yes.

All were in favor.

The motion passed.

3. Resolution 2025-004- National Public Safety Telecommunicator Week-NPSTW is held annually during the second week of April to honor public safety telecommunicators for their commitment, service, and sacrifice. A motion was made by Eric Krause to approve Resolution 2025-004. The motion was seconded by Ryan Harvey.

All were in favor.

The motion passed.

4. CFS Policy Review- There are sections of the policy which are out of date and do not align with practices. A recommendation from Executive Director Armitage was made to form a blended group to review the policies and formulation for user fees. No action is needed.

BOARD COMMENTS

None.

CLOSED SESSION- Consider a periodic personnel evaluation of the Executive Director, as permitted under MCL 15.268(1)(a) of the Open Meetings Act. A motion was made by Eric Krause to enter into closed session. The motion was seconded by Dan Strowbridge. A Roll call vote was taken, Steve Hinkley, yes; Ryan Harvey, yes; Dan Strowbridge, yes; Toby Baker, yes; Eric Krause, yes; Patrick O'Donnell, yes. The closed session began at 3:19 PM.

A motion was made by Dan Strowbidge to enter back into open session. The motion was seconded by Ryan Harvey.

All were in favor.

The motion passed.

The board entered into open session at 3:44 PM

NEW BUSINESS (continued)

5. Executive Director Evaluation- A motion was made by Patrick O'Donnell to approve the evaluation of Executive Director Michael Armitage. The motion was seconded by Toby Baker.

All were in favor.

The motion passed.

ADJOURNMENT

The meeting was adjourned at 3: 47PM.

Consent Agenda

May 13, 2025

1. Excuse Absent Board Members (approve)

No pages attached.

2. Routine Agreements, Invoices, and Reimbursements (approve)

3. Check Register and Accounts Payable (approve)

4. Reports and Items for File:

- a. Year-to-Date Budget Performance Report
- b. MPSCS Credit Balance Report
- c. Latest Approved TAC Minutes
- d. General Correspondence:

Claims Payable 04/03/25 - 05/08/25

Payment Date Range 04/03/25 - 05/08/25

| Vendor | Invoice No. | Invoice Desc | Status | Invoice Date | Due Date | G/L Date | Payment Date | Invoice Amount |
|---|-------------------|--|-------------------------|--------------|------------|------------|-------------------------------|--------------------|
| Fund 261 - 911 Service Fund | | | | | | | | |
| Org 261325 - Dispatch | | | | | | | | |
| Account 261325-718060 - Retirement CDA MERS DB | | | | | | | | |
| 1036 - MERS | March 2025 DB 911 | March 2025 MERS DB Dispatch | Paid by EFT # 2616 | 04/14/2025 | 05/14/2025 | 04/14/2025 | 04/17/2025 | \$24,963.00 |
| | | | | | | | Invoice Transactions 1 | \$24,963.00 |
| Account 261325-728000 - Office Supplies | | | | | | | | |
| 5434 - STAPLES BUSINESS ADVANTAGE | 7004733805 | DET 223455 March Supplies | Paid by EFT # 5421 | 03/31/2025 | 04/30/2025 | 04/17/2025 | 04/23/2025 | \$178.41 |
| | | | | | | | Invoice Transactions 1 | \$178.41 |
| Account 261325-801000 - Contractual Services | | | | | | | | |
| 11059 - TIMOTHY KENNETH FIFER | 2987 | Wallace Background Investigation | Paid by EFT # 5255 | 03/28/2025 | 04/27/2025 | 04/11/2025 | 04/16/2025 | \$950.00 |
| 4767 - MEDICAL PRIORITY CONSULTANTS INC | SIN401983 | 4/1/25-3/3126 license renewal annual maint | Paid by EFT # 5259 | 03/31/2025 | 04/30/2025 | 04/11/2025 | 04/16/2025 | \$13,050.00 |
| 11685 - RICHARD T JANKA | CAL25.2 | Martinez & Policella Eval | Paid by EFT # 5415 | 04/11/2025 | 05/11/2025 | 04/17/2025 | 04/23/2025 | \$1,000.00 |
| 10312 - CENTRALSQUARE TECHNOLOGIES LLC | 435245 | 4334 Freedom Base- Bedford 6/5/25-6/4/26 | Paid by EFT # 5422 | 04/07/2025 | 06/04/2025 | 04/17/2025 | 04/23/2025 | \$192.60 |
| 11059 - TIMOTHY KENNETH FIFER | 3002 | Goodhew Background Check | Paid by EFT # 5496 | 04/21/2025 | 05/21/2025 | 04/24/2025 | 04/30/2025 | \$950.00 |
| 4982 - ROE-COMM INC | 362649 | Call sign license renewal | Paid by EFT # 5571 | 04/30/2025 | 05/10/2025 | 05/02/2025 | 05/06/2025 | \$450.00 |
| 4482 - NOTEPAGE INC | 115312 | 5/27/25-5/26/26 Support renewal | Paid by Check # 1009051 | 04/01/2025 | 05/01/2025 | 04/11/2025 | 04/16/2025 | \$395.00 |
| | | | | | | | Invoice Transactions 7 | \$16,987.60 |
| Account 261325-810000 - Education & Training | | | | | | | | |

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|---|-----------------------|--|-----------------|------------|------------|------------|------------|-------------------|
| 1189 - MICHIGAN CHAPTER OF APCO | 1054 | Registration: | Paid by EFT # | 04/24/2025 | 05/24/2025 | 04/24/2025 | 04/30/2025 | \$1,150.00 |
| | | Allwardt, Kubasiak, Wheaton | 5490 | | | | | |
| 4767 - MEDICAL PRIORITY CONSULTANTS INC | SIN404251 | Thorn EMD | Paid by EFT # | 04/23/2025 | 05/23/2025 | 04/24/2025 | 04/30/2025 | \$425.00 |
| | | | 5498 | | | | | |
| Account 261325-810000 - Education & Training Totals Invoice Transactions 2 | | | | | | | | \$1,575.00 |
| Account 261325-813010 - Legal Fees Misc | | | | | | | | |
| 1435 - McGINTY, HITCH, PERSON, ANDERSON & REVORE, P.C. | 10537 | CCDA March Services | Paid by EFT # | 04/03/2025 | 04/27/2025 | 04/11/2025 | 04/16/2025 | \$227.50 |
| | | | 5256 | | | | | |
| Account 261325-813010 - Legal Fees Misc Totals Invoice Transactions 1 | | | | | | | | \$227.50 |
| Account 261325-820010 - Interpreter Fees Misc | | | | | | | | |
| 3683 - LANGUAGE LINE SERVICES | 11575161 | March services | Paid by Check # | 03/31/2025 | 04/30/2025 | 04/11/2025 | 04/16/2025 | \$143.37 |
| | | | 1009050 | | | | | |
| Account 261325-820010 - Interpreter Fees Misc Totals Invoice Transactions 1 | | | | | | | | \$143.37 |
| Account 261325-835020 - Health Services EE Physicals | | | | | | | | |
| 1587 - BRONSON METHODIST HOSPITAL | 700001870 4/4/2025 | ACCT#700001870 PRE- EMPLOYMENT CCDA | Paid by Check # | 04/04/2025 | 05/04/2025 | 04/15/2025 | 04/23/2025 | \$332.00 |
| | | | 1009301 | | | | | |
| Account 261325-835020 - Health Services EE Physicals Invoice Transactions 1 | | | | | | | | \$332.00 |
| Account 261325-850030 - Communications Telephone | | | | | | | | |
| 1080 - PENINSULA FIBER NETWORK LLC | 50040089 | 00060798-9 April | Paid by EFT # | 04/01/2025 | 04/30/2025 | 04/11/2025 | 04/16/2025 | \$750.00 |
| | | | 5258 | | | | | |
| 1233 - AT&T | 26978123260442 5 | 269 781-2326 218 03/5-4/4 | Paid by Check # | 04/04/2025 | 04/24/2025 | 04/11/2025 | 04/16/2025 | \$2,380.81 |
| | | | 1009048 | | | | | |
| 1233 - AT&T | 28728245500942 5 | 28782455009 2/17-3/16 | Paid by Check # | 03/16/2025 | 04/11/2025 | 04/11/2025 | 04/16/2025 | \$58.50 |
| | | | 1009049 | | | | | |
| 1233 - AT&T | 4423970014 | 831-001-0449 031 4/7-5/6 | Paid by Check # | 04/07/2025 | 05/07/2025 | 04/17/2025 | 04/23/2025 | \$477.88 |
| | | | 1009287 | | | | | |
| 1233 - AT&T | 1374720019 | 831-001-0449 044 4/7-5/6 | Paid by Check # | 04/07/2025 | 05/07/2025 | 04/17/2025 | 04/23/2025 | \$470.43 |
| | | | 1009288 | | | | | |
| 1233 - AT&T | 28731182638132 5 | 287311826381 1/12-2/11 | Paid by Check # | 02/11/2025 | 03/06/2025 | 04/24/2025 | 04/30/2025 | \$523.91 |
| | | | 1009375 | | | | | |
| 1233 - AT&T | 28731182638152 5 | 287311826381 3/12-4/11 | Paid by Check # | 04/11/2025 | 05/06/2025 | 04/24/2025 | 04/30/2025 | \$635.98 |
| | | | 1009376 | | | | | |
| 1233 - AT&T | 28728245500952 5 | 287282455009 3/17-4/16 | Paid by Check # | 04/16/2025 | 05/11/2025 | 05/02/2025 | 05/06/2025 | \$58.50 |
| | | | 1009461 | | | | | |
| Account 261325-850030 - Communications Telephone Invoice Transactions 8 | | | | | | | | \$5,356.01 |

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|---|-----------------|--|--|------------|------------|------------|------------|-----------------|
| Account 261325-850060 - Communications Internet | | | | | | | | |
| 5811 - VERIZON WIRELESS | 6109241089 | 342007071-00001 | Paid by Check # 1009054 | 03/23/2025 | 04/15/2025 | 04/11/2025 | 04/16/2025 | \$114.03 |
| Account 261325-850060 - Communications Internet Invoice Transactions 1 | | | | | | | | \$114.03 |
| Account 261325-873020 - Vehicle Expense Fuel | | | | | | | | |
| 10393 - WEX BANK | 104300022 | April 2025 Fuel Usage | Paid by EFT # 2656 | 04/23/2025 | 05/03/2025 | 04/30/2025 | 05/01/2025 | \$56.08 |
| Account 261325-873020 - Vehicle Expense Fuel Totals Invoice Transactions 1 | | | | | | | | \$56.08 |
| Account 261325-921000 - Electricity | | | | | | | | |
| 1981 - CONSUMERS ENERGY | 203589697608 | 1000 5300 4964 | Paid by EFT # Meachem 2/24-3/24 5249 | 03/24/2025 | 04/16/2025 | 04/11/2025 | 04/16/2025 | \$290.81 |
| 1981 - CONSUMERS ENERGY | 203055732135 | 1001 0374 9147 | Paid by EFT # 2/21-3/23 B Dr S 5250 | 03/23/2025 | 04/15/2025 | 04/11/2025 | 04/16/2025 | \$195.00 |
| 1981 - CONSUMERS ENERGY | 205992329191 | 1000 5433 6795 | Paid by EFT # 10 1/2 Mile 3/5-4/2 5251 | 04/02/2025 | 04/25/2025 | 04/11/2025 | 04/16/2025 | \$137.83 |
| 1981 - CONSUMERS ENERGY | 202877757775 | 1030 0828 9730 | Paid by EFT # Bedford Rd 2/26-3/26 5252 | 03/26/2025 | 04/18/2025 | 04/11/2025 | 04/16/2025 | \$213.69 |
| 1981 - CONSUMERS ENERGY | 204657572334 | 1000 8203 3174 | Paid by EFT # John Patterson 2/27-3/30 5253 | 03/30/2025 | 04/23/2025 | 04/11/2025 | 04/16/2025 | \$166.75 |
| 1865 - CITY OF MARSHALL | 2806000003 0325 | ACCT# 2806000003 3/4/25 - 4/3/25 | Paid by EFT # 5288 | 04/04/2025 | 05/02/2025 | 04/09/2025 | 04/16/2025 | \$2,101.30 |
| 1981 - CONSUMERS ENERGY | 201187035121 | 1000 7586 7869 | Paid by EFT # Walnut 3/13-4/13 5412 | 04/13/2025 | 05/06/2025 | 04/17/2025 | 04/23/2025 | \$192.36 |
| 1981 - CONSUMERS ENERGY | 204746575517 | 1001 0351 5621 | Paid by EFT # 24 1/2 Mile Rd 3/13-4/13 5413 | 04/13/2025 | 05/06/2025 | 04/17/2025 | 04/23/2025 | \$253.91 |
| 1865 - CITY OF MARSHALL | 3100880000525 | 3100880000 3/4-4/3 | Paid by EFT # 5491 | 04/03/2025 | 05/09/2025 | 04/24/2025 | 04/30/2025 | \$142.05 |
| 1981 - CONSUMERS ENERGY | 201898900792 | 1000 5358 6192 | Paid by EFT # Athens 3/19-4/20 5492 | 04/20/2025 | 05/13/2025 | 04/24/2025 | 04/30/2025 | \$120.17 |
| 1981 - CONSUMERS ENERGY | 206348112225 | 1000 5482 0483 D | Paid by EFT # Dr N 3/17-4/15 5493 | 04/15/2025 | 05/08/2025 | 04/24/2025 | 04/30/2025 | \$383.84 |

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| 1981 - CONSUMERS ENERGY | 207147966085 | 1000 5300 5110 B | Paid by EFT # | 04/16/2025 | 05/09/2025 | 04/24/2025 | 04/30/2025 | \$195.95 |
| | | Dr S 3/17-4/16 | 5494 | | | | | |
| 1981 - CONSUMERS ENERGY | 205369479308 | 1001 0473 5541 | Paid by EFT # | 04/15/2025 | 05/08/2025 | 04/24/2025 | 04/30/2025 | \$187.12 |
| | | 13 1/2 Mile Rd | 5495 | | | | | |
| | | 3/17-4/15 | | | | | | |
| 1981 - CONSUMERS ENERGY | 206881775292 | 100 0374 9147 B | Paid by EFT # | 04/23/2025 | 05/16/2025 | 05/02/2025 | 05/06/2025 | \$260.21 |
| | | Dr S 3/24-4/23 | 5569 | | | | | |
| 1981 - CONSUMERS ENERGY | 201187053174 | 1000 5300 4964 | Paid by EFT # | 04/24/2025 | 05/19/2025 | 05/02/2025 | 05/06/2025 | \$314.04 |
| | | 3/25-4/24 | 5570 | | | | | |
| | | Meachem | | | | | | |
| Account 261325-921000 - Electricity Totals | | | | | | Invoice Transactions 15 | | \$5,155.03 |
| Account 261325-922000 - Natural Gas | | | | | | | | |
| 5167 - SEMCO ENERGY, INC. | 0359518.500425 | 0359518.500 2/14 | Paid by EFT # | 03/17/2025 | 04/15/2025 | 04/11/2025 | 04/16/2025 | \$19.94 |
| | | 3/17 27 Mile Rd | 5260 | | | | | |
| 5167 - SEMCO ENERGY, INC. | 0366822.500525 | 0366822.500 John | Paid by EFT # | 04/02/2025 | 05/02/2025 | 04/17/2025 | 04/23/2025 | \$19.94 |
| | | Patterson 3/4-4/2 | 5417 | | | | | |
| 5167 - SEMCO ENERGY, INC. | 0312111.501525 | 0312111.501 | Paid by EFT # | 04/01/2025 | 05/01/2025 | 04/17/2025 | 04/23/2025 | \$24.84 |
| | | Meachem 3/3-4/1 | 5418 | | | | | |
| 5167 - SEMCO ENERGY, INC. | 0317738.501525 | 0317738.501 | Paid by EFT # | 04/01/2025 | 05/01/2025 | 04/17/2025 | 04/23/2025 | \$19.94 |
| | | Rittenhouse 3/3- | 5419 | | | | | |
| | | 4/1 | | | | | | |
| 5167 - SEMCO ENERGY, INC. | 0387467.500525 | 0387467.500 | Paid by EFT # | 04/03/2025 | 05/05/2025 | 04/17/2025 | 04/23/2025 | \$19.94 |
| | | Hubbard St 3/5- | 5420 | | | | | |
| | | 4/3 | | | | | | |
| 5167 - SEMCO ENERGY, INC. | 0354886.500525 | 0354886.500 3/12 | Paid by EFT # | 04/10/2025 | 05/13/2025 | 05/02/2025 | 05/06/2025 | \$21.17 |
| | | 4/10 Bedford Rd | 5572 | | | | | |
| 5167 - SEMCO ENERGY, INC. | 0359518.500525 | 0359518.500 3/17 | Paid by EFT # | 04/15/2025 | 05/15/2025 | 05/02/2025 | 05/06/2025 | \$21.76 |
| | | 4/15 27 Mile Rd | 5573 | | | | | |
| Account 261325-922000 - Natural Gas Totals | | | | | | Invoice Transactions 7 | | \$147.53 |
| Account 261325-931010 - Equipment-Repair and Maint | | | | | | | | |
| 6361 - CRITICAL SYSTEM SERVICES LLC | 9457 | Liebert parts | Paid by EFT # | 03/31/2025 | 04/30/2025 | 04/11/2025 | 04/16/2025 | \$4,107.09 |
| | | | 5254 | | | | | |
| 6361 - CRITICAL SYSTEM SERVICES LLC | 9462 | Nu-Calgon Eco- | Paid by EFT # | 03/31/2025 | 04/30/2025 | 04/11/2025 | 04/16/2025 | \$1,081.88 |
| | | Lyme Descaler | 5254 | | | | | |

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| 2077 - CSE MORSE INC | 44424 | B Dr S Generator No heat | Paid by EFT # 5414 | 03/11/2025 | 04/10/2025 | 04/17/2025 | 04/23/2025 | \$1,571.23 |
| 7607 - JOHNSON CONTROLS US HOLDINGS INC | 41162801 | Card Reader Cust# 01300 104507537 | Paid by EFT # 5416 | 03/21/2025 | 05/07/2025 | 04/17/2025 | 04/23/2025 | \$5,421.42 |
| 4197 - SECURADYNE SYSTEMS INTERMEDIATE LLC | IN1-910415497 | Service to lights on panel | Paid by Check # 1009286 | 04/10/2025 | 05/10/2025 | 04/17/2025 | 04/23/2025 | \$1,629.57 |
| Account 261325-931010 - Equipment-Repair and Maint Invoice Transactions 5 | | | | | | | | \$13,811.19 |
| Account 261325-943000 - Equipment Rental-Office Equip | | | | | | | | |
| 4811 - RADIO COMMUNICATIONS INC | 16114 | Qt site lease april- June 2025 | Paid by Check # 1009053 | 04/01/2025 | 04/16/2025 | 04/11/2025 | 04/16/2025 | \$5,142.06 |
| Account 261325-943000 - Equipment Rental-Office Invoice Transactions 1 | | | | | | | \$5,142.06 | |
| Account 261325-955000 - Miscellaneous | | | | | | | | |
| 1429 - BESCO WATER TREATMENT INC | 4509878 | 2032320 3/20 Water Delivery | Paid by EFT # 5247 | 03/21/2025 | 04/20/2025 | 04/11/2025 | 04/16/2025 | \$10.50 |
| 1429 - BESCO WATER TREATMENT INC | 4515750 | 2032320 Cooler rental | Paid by EFT # 5247 | 04/01/2025 | 05/01/2025 | 04/11/2025 | 04/16/2025 | \$6.00 |
| 1858 - CINTAS | 5263273708 | 19844393 med cabinet refill | Paid by EFT # 5248 | 04/08/2025 | 05/08/2025 | 04/11/2025 | 04/16/2025 | \$188.99 |
| 11539 - MARSHALL CUSTOM EMBROIDERY | 11656 | Coaster | Paid by EFT # 5497 | 03/31/2025 | 04/11/2025 | 04/24/2025 | 04/30/2025 | \$600.00 |
| 1429 - BESCO WATER TREATMENT INC | 858942823 | 2032320 Water Delivery | Paid by EFT # 5568 | 05/01/2025 | 05/31/2025 | 05/02/2025 | 05/06/2025 | \$10.50 |
| 7801 - FLOYD G. PRATER | 189020 | Policella headshot | Paid by Check # 1009052 | 04/01/2025 | 05/01/2025 | 04/11/2025 | 04/16/2025 | \$45.00 |
| 7801 - FLOYD G. PRATER | 189025 | Wallace Headshot | Paid by Check # 1009052 | 04/08/2025 | 05/08/2025 | 04/11/2025 | 04/16/2025 | \$45.00 |
| 10699 - KATE CHISM | KC41625 | Awards Ceremony supplies | Paid by Check # 1009377 | 04/16/2025 | 05/13/2025 | 04/24/2025 | 04/30/2025 | \$36.92 |
| Account 261325-955000 - Miscellaneous Totals Invoice Transactions 8 | | | | | | | \$942.91 | |
| Account 261325-958010 - Insurance Premium | | | | | | | | |
| 4173 - MICHIGAN MUNICIPAL RISK MGT | M0001530525 | M0001530 1/14/25-1/14/26 2nd Installment | Paid by EFT # 5257 | 03/27/2025 | 05/11/2025 | 04/11/2025 | 04/16/2025 | \$7,490.00 |
| 4173 - MICHIGAN MUNICIPAL RISK MGT | R0001530525 | 2nd Installment R0001530 1/14/25-1/14/26 | Paid by EFT # 5257 | 03/27/2025 | 05/11/2025 | 04/11/2025 | 04/16/2025 | \$1,500.00 |
| Account 261325-958010 - Insurance Premium Totals Invoice Transactions 2 | | | | | | | \$8,990.00 | |

Org 261325 - Dispatch Totals
Fund 261 - 911 Service Fund Totals

Invoice Transactions 62
Invoice Transactions 62

\$84,121.72
\$84,121.72
\$84,121.72

YEAR-TO-DATE BUDGET REPORT

FOR 2025 05

| ACCOUNTS FOR: | ORIGINAL APPROP | TRANFRS/ADJSTMTS | REVISED BUDGET | YTD ACTUAL | ENCUMBRANCES | AVAILABLE BUDGET | PCT USE/COL |
|---------------|-----------------|------------------|----------------|------------|--------------|------------------|-------------|
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261 911 Service Fund

261320 Training

| | | | | | | | | |
|----------------|-------------------|---------|---|---------|----------|-----|------------|--------|
| 261320 615010 | Surcharges State | -30,000 | 0 | -30,000 | .00 | .00 | -30,000.00 | .0%* |
| 261320 703020 | Salaries Regular | 15,000 | 0 | 15,000 | .00 | .00 | 15,000.00 | .0% |
| 261320 703030 | Salaries Overtime | 2,500 | 0 | 2,500 | .00 | .00 | 2,500.00 | .0% |
| 261320 703050 | Salaries S&A | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261320 715000 | Social Security E | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261320 715010 | Medicare Expense | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261320 716000 | Insurance Health | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261320 716005 | Insurance HSA | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261320 716020 | Insurance Vision | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261320 716030 | Insurance Dental | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261320 716040 | Insurance Waiver | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261320 717000 | Insurance Life | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261320 718060 | Retirement CDA ME | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261320 718070 | Retirement CDA ME | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261320 719000 | Workers Compensat | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261320 720000 | Unemployment | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261320 810000 | Education & Train | 10,000 | 0 | 10,000 | 2,529.00 | .00 | 7,471.00 | 25.3% |
| 261320 861000 | Travel | 2,500 | 0 | 2,500 | .00 | .00 | 2,500.00 | .0% |
| 261320 861004 | Mileage | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261320 955999 | Misc Operating - | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| TOTAL Training | | 0 | 0 | 0 | 2,529.00 | .00 | -2,529.00 | 100.0% |

261325 Dispatch

| | | | | | | | | |
|---------------|-------------------|------------|---|------------|---------------|-----|-------------|--------|
| 261325 402000 | Property Tax - Re | -3,727,070 | 0 | -3,727,070 | -3,493,573.15 | .00 | -233,496.85 | 93.7%* |
| 261325 410000 | Property Tax - Pe | -587,315 | 0 | -587,315 | -731,969.37 | .00 | 144,654.37 | 124.6% |
| 261325 411000 | Property Tax - Re | -1,200 | 0 | -1,200 | -418.39 | .00 | -781.61 | 34.9%* |
| 261325 412000 | Property Tax - Pe | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261325 432000 | Payment In Lieu o | -6,700 | 0 | -6,700 | -204.34 | .00 | -6,495.66 | 3.0%* |
| 261325 437000 | Industrial Facili | -33,220 | 0 | -33,220 | -9,428.42 | .00 | -23,791.58 | 28.4%* |
| 261325 445000 | Penalties and Int | -650 | 0 | -650 | -185.40 | .00 | -464.60 | 28.5%* |
| 261325 573000 | Local Community S | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261325 581000 | Local Contributio | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261325 607015 | Fees FOIA | -500 | 0 | -500 | -104.00 | .00 | -396.00 | 20.8%* |
| 261325 615010 | Surcharges State | -315,000 | 0 | -315,000 | -83,047.00 | .00 | -231,953.00 | 26.4%* |
| 261325 615020 | Surcharges 911 | -765,000 | 0 | -765,000 | -202,322.44 | .00 | -562,677.56 | 26.4%* |
| 261325 615030 | Surcharges Local | -718,583 | 0 | -718,583 | -538,937.96 | .00 | -179,645.04 | 75.0%* |

YEAR-TO-DATE BUDGET REPORT

FOR 2025 05

| ACCOUNTS FOR: | ORIGINAL APPROP | TRANFRS/ADJSTMTS | REVISED BUDGET | YTD ACTUAL | ENCUMBRANCES | AVAILABLE BUDGET | PCT USE/COL |
|---------------------------------|-----------------|------------------|----------------|------------|--------------|------------------|-------------|
| 261 911 Service Fund | | | | | | | |
| 261325 665000 Interest | -25,000 | 0 | -25,000 | -29,892.43 | .00 | 4,892.43 | 119.6% |
| 261325 665050 Interest - Invest | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261325 667000 Rent | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261325 675000 Miscellaneous Rev | -143,955 | -550,000 | -693,955 | -10,713.37 | .00 | -683,241.63 | 1.5%* |
| 261325 692000 Carry Over Miscel | -178,013 | 0 | -178,013 | .00 | .00 | -178,013.00 | .0%* |
| 261325 696020 Proceeds from Bon | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261325 697010 Proceeds Premium | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261325 703020 Salaries Regular | 2,214,529 | 0 | 2,214,529 | 649,010.37 | .00 | 1,565,518.63 | 29.3% |
| 261325 703030 Salaries Overtime | 175,000 | 0 | 175,000 | 120,859.45 | .00 | 54,140.55 | 69.1% |
| 261325 703050 Salaries S&A | 0 | 0 | 0 | 18,071.77 | .00 | -18,071.77 | 100.0%* |
| 261325 708000 Termination Pay | 0 | 0 | 0 | 9,129.87 | .00 | -9,129.87 | 100.0%* |
| 261325 709000 Paid Time Off Wag | 0 | 0 | 0 | 366.83 | .00 | -366.83 | 100.0%* |
| 261325 712001 Funeral Leave Wag | 0 | 0 | 0 | 3,313.61 | .00 | -3,313.61 | 100.0%* |
| 261325 715000 Social Security E | 135,933 | 0 | 135,933 | 49,081.61 | .00 | 86,851.39 | 36.1% |
| 261325 715010 Medicare Expense | 31,790 | 0 | 31,790 | 11,478.72 | .00 | 20,311.28 | 36.1% |
| 261325 716000 Insurance Health | 545,000 | 0 | 545,000 | 164,114.97 | .00 | 380,885.03 | 30.1% |
| 261325 716005 Insurance HSA | 75,000 | 0 | 75,000 | 6,075.00 | .00 | 68,925.00 | 8.1% |
| 261325 716020 Insurance Vision | 8,500 | 0 | 8,500 | 2,333.33 | .00 | 6,166.67 | 27.5% |
| 261325 716030 Insurance Dental | 31,500 | 0 | 31,500 | 8,405.79 | .00 | 23,094.21 | 26.7% |
| 261325 716040 Insurance waiver | 26,000 | 0 | 26,000 | 10,662.36 | .00 | 15,337.64 | 41.0% |
| 261325 717000 Insurance Life | 1,750 | 0 | 1,750 | 420.83 | .00 | 1,329.17 | 24.0% |
| 261325 718060 Retirement CDA ME | 315,000 | 0 | 315,000 | 74,889.00 | .00 | 240,111.00 | 23.8% |
| 261325 718070 Retirement CDA ME | 169,874 | 0 | 169,874 | 71,900.88 | .00 | 97,973.12 | 42.3% |
| 261325 719000 Workers Compensat | 9,208 | 0 | 9,208 | 3,665.04 | .00 | 5,542.96 | 39.8% |
| 261325 720000 Unemployment | 216 | 0 | 216 | 109.45 | .00 | 106.55 | 50.7% |
| 261325 724020 Allowance Auto | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261325 724030 Allowance Cell Ph | 1,920 | 0 | 1,920 | 960.00 | .00 | 960.00 | 50.0% |
| 261325 728000 Office Supplies | 6,500 | 0 | 6,500 | 3,047.03 | .00 | 3,452.97 | 46.9% |
| 261325 728050 Small Equipment | 45,000 | 0 | 45,000 | 15,688.41 | .00 | 29,311.59 | 34.9% |
| 261325 735000 Building Maintena | 1,250 | 0 | 1,250 | .00 | .00 | 1,250.00 | .0% |
| 261325 740000 Uniform Supplies | 7,500 | 0 | 7,500 | .00 | .00 | 7,500.00 | .0% |
| 261325 755010 Kitchen Supplies | 250 | 0 | 250 | .00 | .00 | 250.00 | .0% |
| 261325 755020 Food Supplies Exp | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261325 801000 Contractual Servi | 295,658 | 0 | 295,658 | 160,669.27 | .00 | 134,988.73 | 54.3% |
| 261325 801030 Cont Svc Property | 10,000 | 0 | 10,000 | .00 | .00 | 10,000.00 | .0% |
| 261325 804000 Auditing and Acco | 11,000 | 0 | 11,000 | .00 | .00 | 11,000.00 | .0% |
| 261325 808010 Association Dues | 4,200 | 0 | 4,200 | 800.00 | .00 | 3,400.00 | 19.0% |
| 261325 810000 Education & Train | 36,000 | 0 | 36,000 | 17,277.95 | .00 | 18,722.05 | 48.0% |
| 261325 810010 Administrative Fe | 106,000 | 0 | 106,000 | .00 | .00 | 106,000.00 | .0% |
| 261325 813010 Legal Fees Misc | 17,500 | 0 | 17,500 | 1,837.50 | .00 | 15,662.50 | 10.5% |
| 261325 820010 Interpreter Fees | 1,000 | 0 | 1,000 | 289.09 | .00 | 710.91 | 28.9% |
| 261325 835020 Health Services E | 1,000 | 0 | 1,000 | 912.00 | .00 | 88.00 | 91.2% |
| 261325 835030 Health Services D | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261325 850030 Communications Te | 55,000 | 0 | 55,000 | 16,589.16 | .00 | 38,410.84 | 30.2% |

YEAR-TO-DATE BUDGET REPORT

| FOR 2025 05 | | ORIGINAL | TRANFRS/ | REVISED | | | AVAILABLE | PCT |
|------------------------|------------------|------------|----------|------------|---------------|--------------|---------------|---------|
| ACCOUNTS FOR: | 911 Service Fund | APPROP | ADJSTMTS | BUDGET | YTD ACTUAL | ENCUMBRANCES | BUDGET | USE/COL |
| 261325 | 850060 | 2,500 | 0 | 2,500 | 342.09 | .00 | 2,157.91 | 13.7% |
| 261325 | 850070 | 500 | 0 | 500 | 83.13 | .00 | 416.87 | 16.6% |
| 261325 | 850080 | 3,500 | 0 | 3,500 | 243.53 | .00 | 3,256.47 | 7.0% |
| 261325 | 861000 | 32,000 | 0 | 32,000 | 7,707.52 | .00 | 24,292.48 | 24.1% |
| 261325 | 861004 | 600 | 0 | 600 | .00 | .00 | 600.00 | .0% |
| 261325 | 864000 | 2,500 | 0 | 2,500 | 164.22 | .00 | 2,335.78 | 6.6% |
| 261325 | 873020 | 1,400 | 0 | 1,400 | 107.76 | .00 | 1,292.24 | 7.7% |
| 261325 | 874000 | 8,000 | 0 | 8,000 | 293.94 | .00 | 7,706.06 | 3.7% |
| 261325 | 886000 | 0 | 0 | 0 | 104.34 | .00 | -104.34 | 100.0%* |
| 261325 | 915000 | 83,010 | 0 | 83,010 | 41,106.12 | .00 | 41,903.88 | 49.5% |
| 261325 | 921000 | 55,000 | 0 | 55,000 | 18,596.08 | .00 | 36,403.92 | 33.8% |
| 261325 | 922000 | 3,000 | 0 | 3,000 | 675.47 | .00 | 2,324.53 | 22.5% |
| 261325 | 931010 | 164,400 | 0 | 164,400 | 188,817.58 | .00 | -24,417.58 | 114.9%* |
| 261325 | 942000 | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261325 | 943000 | 10,300 | 0 | 10,300 | 10,284.12 | .00 | 15.88 | 99.8% |
| 261325 | 955000 | 17,500 | 0 | 17,500 | 3,630.18 | .00 | 13,869.82 | 20.7% |
| 261325 | 955999 | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261325 | 958010 | 50,000 | 0 | 50,000 | 26,563.00 | .00 | 23,437.00 | 53.1% |
| 261325 | 964000 | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261325 | 981000 | 270,682 | 550,000 | 820,682 | 214,304.10 | 11,248.98 | 595,128.92 | 27.5% |
| 261325 | 991010 | 540,000 | 0 | 540,000 | 540,000.00 | .00 | .00 | 100.0% |
| 261325 | 991020 | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261325 | 991030 | 96,364 | 0 | 96,364 | .00 | .00 | 96,364.00 | .0% |
| 261325 | 992010 | 817,500 | 0 | 817,500 | 415,500.00 | .00 | 402,000.00 | 50.8% |
| 261325 | 992020 | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261325 | 992030 | 4,372 | 0 | 4,372 | .00 | .00 | 4,372.00 | .0% |
| 261325 | 993000 | 0 | 0 | 0 | 500.00 | .00 | -500.00 | 100.0%* |
| 261325 | 993100 | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| 261325 | 996000 | 0 | 0 | 0 | .00 | .00 | .00 | .0% |
| TOTAL Dispatch | | 0 | 0 | 0 | -2,209,813.80 | 11,248.98 | 2,198,564.82 | 100.0% |
| TOTAL 911 Service Fund | | 0 | 0 | 0 | -2,207,284.80 | 11,248.98 | 2,196,035.82 | 100.0% |
| TOTAL REVENUES | | -6,532,206 | -550,000 | -7,082,206 | -5,100,796.27 | .00 | -1,981,409.73 | |
| TOTAL EXPENSES | | 6,532,206 | 550,000 | 7,082,206 | 2,893,511.47 | 11,248.98 | 4,177,445.55 | |

YEAR-TO-DATE BUDGET REPORT

FOR 2025 05

| | ORIGINAL APPROP | TRANFRS/ ADJSTMTS | REVISED BUDGET | YTD ACTUAL | ENCUMBRANCES | AVAILABLE BUDGET | PCT USE/COL |
|-------------|--------------------|----------------------|-------------------|---------------|--------------|---------------------|----------------|
| GRAND TOTAL | 0 | 0 | 0 | -2,207,284.80 | 11,248.98 | 2,196,035.82 | 100.0% |

** END OF REPORT - Generated by Michael Armitage **

TECHNICAL ADVISORY COMMITTEE

Calhoun County Administrative Building – Garden Level Conference Room

Wednesday, March 26, 2025 – 2:00 p.m.

Present:

Lt Tony Geigle—Emmet Township DPS/ TAC Chairperson (2:11 arrival)
Adam Mattens—Calhoun County Sheriff Representative
Steve Wart---Fire Chief's Council
Chief Robert Cipic- Springfield Department of Public Safety Representative
Josh Lankerd & Marty Erskine- Marshall Police or Fire Representative
Director Nick Smith—Medical Control Authority Representative
Lt. Joel Case—Battle Creek Police or Fire Representative

Excused:

I/Director Aaron Phipps—Albion Department of Public Safety Representative
Toby Baker—Michigan State Police

Others Present:

Michael Armitage— CCCDA
Robert Stahelin--CCCDA
Regan Lucas--CCCDA
Kate Chism—CCCDA

Meeting was called to order at 2:00 P.M. by Tony Geigle

Consent Agenda

1. Approval of the February 26, 2025, meeting minutes. A motion was made by Robert Cipcic to accept the January 15, 2025, meeting minutes as presented. The motion was seconded by Joel Case.

All were in favor.

The motion passed.

2. Approval of February 26, 2025, TAC Agenda- A motion was made by Robert Cipcic to accept the February 26, 2025, TAC Agenda. The motion was seconded by Joel Case.

All were in favor.

The motion passed.

Public Comment

No Public Comment

OLD BUSINESS

1. Radio Project Update- Still on track. Power is still needed at the Washington Heights tower. Portables will be out in April for training. Apparatus installation has begun. Testing phase will begin.
2. STORM Loan- Starting to get feedback from agencies. All feedback needs to be received by April 4. A brief discussion took place among members regarding tentative plans with municipalities.
3. Status Check Policy-It has been one month for the policy change. There is no new feedback.

NEW BUSINESS

None

Public Comment

None.

Member Comments

Joel Case shared recent feedback regarding customer satisfaction with dispatch, the score is 4.49/5.0.

A brief discussion took place among members regarding a new policy which needs to be on the radar, regarding how to handle requests for new radios. There is inventory right now, but need to be forward thinking. A minimum of one year notice will need to be given to allow the purchase to be included in the budget.

Adjournment

Meeting was adjourned at 2:17 PM.

EXECUTIVE DIRECTOR'S MONTHLY REPORT

Michael Armitage, ENP

April 2025

Upcoming Meetings

315 W. Green St., Marshall, MI 49068

Governing Board

May 13 @ 2:30 p.m.
Law Library (3rd Floor)

TAC Committee

May 28 @ 2:00 p.m.
Law Library (3rd Floor)

Agendas available: www.calhounmi911.gov

Trainings

Virtual Academy: The Resilience Mindset (19), Building 911 Lifebridges to Suicidal callers (1), PTSD Basics (1), Prepare your backpack: Emotional Survival for the 911 Professional (2), When its your own: taking calls from people (1), Radio Communications (1), Communicating to Create Change (2), Personnel Issues (1), Human Trafficking for Telecommunicators (1), Interpersonal Communications (1), Call Classification for Telecommunicators (1), Building Trust on Both Sides of the Radio (1), Diversity Intelligence in 911 (1).

Other: APCO Bullying and Negativity in the Communications Center (1).

Staffing Numbers

| | FULLY TRAINED | IN TRAINING | IN HIRING PROCESS | VACANT |
|-----------------------------|---------------|-------------|-------------------|--------|
| FULL-TIME TELECOM/CALLTAKER | 20 | 3 | 1 | 1 |
| PART-TIME TELECOM/CALLTAKER | 0 | 0 | 0 | 2 |
| SUPERVISORS | 5 | 1 | 0 | 0 |

 **TOTAL CALLS**
14,521

Emergency Lines
7,197

Non-emergency Lines
7,324

 **TEXT-TO-911 SESSIONS**
132

INCIDENTS
13,936

 Law Enforcement
10,415

 EMS
2,070

 Fire
1,451

96% (Meets Standard)

Answered within in 15 seconds

99% (Meets Standard)

Answered within 20 seconds

NENA-STA-020.1-2020: Ninety percent (90%) of all 911 calls arriving at the Public Safety Answering Point (PSAP) SHALL be answered within (\leq) fifteen (15) seconds. Ninety-five (95%) of all 911 calls SHOULD be answered within (\leq) twenty (20) seconds.

EXECUTIVE DIRECTOR'S MONTHLY REPORT

April 2025

RAVE Alerts/Smart 911

| | |
|--------------------------------|-------|
| RAVE ALERT OPT-IN SUBSCRIBERS | 7,210 |
| TOTAL SMART911 SAFETY PROFILES | 5,088 |
| SMART911 SAFETY PROFILE POPS | 68 |



- Increase of **132** Smart911 Profiles
- Increase of **226** Rave Alert Subscribers

Updates

Technology and Radios

- All of the 'green' tower sites have power and system connectivity.
- Submitted the 'STORM loan' application for upgrading outdoor warning sirens.
- Finalized the [Radio Communication Policy](#).
- 911 routers (NID) were updated by PFN.
- Fire mobile radio installs continue in the county.
- We have been meeting with AT&T to correct some billing errors and consolidate our services to IP based solutions (opposed to copper lines, or POTS).
- Portable fire radios were programmed and distributed.

Updates

Outreach

- ED Armitage attended the Michigan Communication Directors Association meeting.
- The awards ceremony was a great success!

Operations

- Meetings were held to work on policy with the Medical Control Authority.
- Welcome Supervisor Wallace to our team!
- We continue to work with the auditors for their report.
- ED Armitage attended meetings with county administration to select a new benefits consultant. We are also exploring the Western Michigan Pool.

Quality Assurance (March 2025)

| RATING | CURRENT MONTH | PREVIOUS MONTH | 2 MONTHS PRIOR | CHANGE |
|--------------------|---------------|----------------|----------------|--------|
| HIGH COMPLIANCE | 32% | 49% | 38% | |
| COMPLIANT | 32% | 22% | 28% | |
| PARTIAL COMPLIANCE | 14% | 9% | 13% | |
| LOW COMPLIANCE | 9% | 7% | 8% | |
| NON-COMPLIANT | 14% | 13% | 14% | |

EXECUTIVE DIRECTOR'S MONTHLY REPORT

Calls for Service Statistics

April 2025

| MUNICIPALITY | LAW | CCSO | NHBP | FIRE | NHBP | EMS | NHBP | EMS TRANS CFS | TOTAL |
|------------------------|-------------|-------------|-----------|-------------|----------|-------------|----------|---------------|--------------|
| ALBION CITY | 605 | 28 | 0 | 11 | 0 | 133 | 0 | 0 | 777 |
| ALBION TWP | 13 | 20 | 0 | 6 | 0 | 6 | 0 | 0 | 45 |
| ATHENS TWP | 22 | 27 | 13 | 12 | 1 | 13 | 0 | 0 | 88 |
| ATHENS VILLAGE | 31 | 1 | 0 | 4 | 0 | 6 | 0 | 0 | 42 |
| BATTLE CREEK CITY | 4584 | 50 | 0 | 823 | 0 | 1052 | 0 | 0 | 6509 |
| BEDFORD TWP | 348 | 4 | 0 | 85 | 0 | 97 | 0 | 0 | 534 |
| BURLINGTON TWP | 17 | 33 | 0 | 16 | 0 | 14 | 0 | 0 | 80 |
| BURLINGTON VILLAGE | 3 | 2 | 0 | 2 | 0 | 2 | 0 | 0 | 9 |
| CLARENCE TWP | 7 | 17 | 0 | 10 | 0 | 12 | 0 | 0 | 46 |
| CONVIS TWP | 14 | 137 | 0 | 13 | 0 | 8 | 0 | 0 | 172 |
| CLARENDON TWP | 12 | 36 | 0 | 8 | 0 | 12 | 0 | 0 | 68 |
| ECKFORD TWP | 11 | 20 | 0 | 12 | 0 | 14 | 0 | 0 | 57 |
| EMMETT TWP | 747 | 36 | 44 | 112 | 8 | 133 | 9 | 0 | 1089 |
| FREDONIA TWP | 34 | 54 | 0 | 9 | 0 | 13 | 0 | 0 | 110 |
| HOMER VILLAGE | 11 | 108 | 0 | 14 | 0 | 17 | 0 | 0 | 150 |
| HOMER TWP | 3 | 12 | 0 | 5 | 0 | 1 | 0 | 0 | 21 |
| LEE TWP | 8 | 13 | 0 | 11 | 0 | 9 | 0 | 0 | 41 |
| LEROY TWP | 23 | 56 | 0 | 25 | 0 | 36 | 0 | 0 | 140 |
| MARSHALL CITY | 1478 | 54 | 0 | 87 | 0 | 109 | 0 | 100 | 1828 |
| MARSHALL TWP | 50 | 237 | 0 | 28 | 0 | 41 | 0 | 0 | 356 |
| MARENGO TWP | 35 | 77 | 0 | 22 | 0 | 36 | 0 | 0 | 170 |
| NEWTON TWP | 14 | 35 | 0 | 14 | 0 | 19 | 0 | 0 | 82 |
| PENNFIELD TWP | 7 | 412 | 0 | 60 | 0 | 75 | 0 | 0 | 554 |
| SHERIDAN TWP | 36 | 267 | 0 | 16 | 0 | 12 | 0 | 0 | 331 |
| SPRINGFIELD CITY | 11 | 438 | 0 | 29 | 0 | 71 | 0 | 0 | 549 |
| TEKONSHA VILLAGE | 9 | 20 | 0 | 6 | 0 | 8 | 0 | 0 | 43 |
| TEKONSHA TWP | 7 | 24 | 0 | 13 | 0 | 12 | 0 | 0 | 56 |
| CALHOUN COUNTY SHERIFF | | 2218 | | | | | | | |
| NHBP | | | 57 | | 9 | | 9 | | |
| TOTALS | 8140 | 2218 | 57 | 1442 | 9 | 1961 | 9 | 100 | 13936 |

Submitted by:  Michael Armitage

Date: May 8, 2025

Calhoun County Consolidated Dispatch Authority
Staff Report for Agenda Items

Meeting Date: May 13, 2025

From: Michael Armitage, Executive Director
Item: New Business – Motorola Change Order

Background:

Since placing our radio equipment order in 2022, there have been two agency changes:

- Clarence Township is starting their own fire department.
- Albion DPS has changed their request to have separate radios for police and fire operations.
This is consistent with the previous order for Emmett Township DPS.

This change order would include 24 APX6000XE radios. The order also includes 50 plastic holsters for fire radios as our inventory is depleted.

Financial Impact:

This will utilize bond funds and will be included in a future budget amendment.

Recommended Motion:

Authorize the Executive Director to execute a change order with Motorola, not to exceed \$187,858.

Change Order Number: 12
Date: 5/8/25
Project Name and Number: Calhoun County Simulcast USMI22D027
Customer Name: Calhoun County
Customer Project Mgr: Michael Armitage

The purpose of this Change Order is to: *(highlight the key reasons for this Change Order)*

To provide 24 APX6000XE's in high impact green and 50 additional holsters.
 To extend project completion date to 6/30/2025.

Contract Project

Identifier (Name or Number): USMI22D027 **Contract Date:** 9/27/2022

In accordance with the terms and conditions of the contract identified above between [Calhoun County] and Motorola Solutions, Inc., the following changes are approved:

Contract Price* Adjustments

| | |
|--|------------------|
| Original Contract Price: | \$ 14,482,542.00 |
| Previous Change Order amounts for Change Order numbers [01 through [11]: | \$ 2,886,356.80 |
| This Change Order: | \$ 187,858.00 |
| Contract Credit (If Applicable): | \$ 0 |
| New Contract Price: | \$ 17,556,756.80 |

***"Contract Price" does not include taxes.**

Completion Date Adjustments

| | |
|---|------------|
| Original Completion Date: | 03/29/2023 |
| Current Completion Date prior to this Change Order: | 05/31/2023 |
| New Completion Date: | 06/30/2025 |

| Equipment Changes: <i>(additions, deletions or modifications)</i> Include attachments if needed. | | | | |
|--|--------------|--|-----------|----------|
| QTY | NOMENCLATURE | DESCRIPTION | UNIT LIST | EXT LIST |
| 24 | H98UCF9PW6B | APX6000 700/800 MODEL 2.5 PORTABLE | 3667 | 88008 |
| 24 | Q667BB | ADD: ADP ONLY (NON-P25 CAP COMPLIANT) (US ONLY) | 0 | 0 |
| 24 | Q361AR | ADD: P25 9600 BAUD TRUNKING | 330 | 7920 |
| 24 | QA02006AA | ENH: APX6000XE RUGGED RADIO | 880 | 21120 |
| 24 | Q887AU | ADD: 5Y ESSENTIAL SERVICE | 306 | 7344 |
| 24 | QA09006AA | ADD: ADAPTIVE NOISE SUPPRESSION | 165 | 3960 |
| 24 | QA09007AA | ADD: OUT OF THE BOX WIFI PROVISIONING | 0 | 0 |
| 24 | QA09001AB | ADD: WIFI CAPABILITY | 330 | 7920 |
| 24 | QA03399AA | ADD: ENHANCED DATA APX | 165 | 3960 |
| 24 | H38BT | ADD: SMARTZONE OPERATION | 1320 | 31680 |
| 24 | QA09113AB | ADD: BASELINE RELEASE SW | 0 | 0 |
| 24 | QA01427AB | ALT: IMPACT GREEN HOUSING | 28 | 672 |
| 24 | Q806BM | ADD: ASTRO DIGITAL CAI OPERATION | 567 | 13608 |
| 50 | PMLN7902A | CARRY ACCESSORY-HOLSTER, UNIVERSAL HOLDER FOR XE MOD | 31.32 | 1566 |
| 362 | | | 7789.32 | 187758 |

| Scope of Work Changes: <i>(additions, deletions or modifications)</i> Include attachments if needed. |
|--|
| N/A |

| SUA/Support Service Changes: <i>(additions, deletions or modifications)</i> Include attachments if needed. Must be completed by Project CSM. |
|--|
| N/A |

| Schedule Changes: <i>(describe change or N/A)</i> |
|--|
| Extend to 6/30/2025 |

Contract Price Changes: *(describe change or N/A)*

Addition of \$ 187,758.00

Customer Responsibilities: *(describe change or N/A)*

No changes

Payment Schedule for this Change Order:*(describe new payment terms applicable to this change order)*

100% due upon shipment of subscribers

Purchase Order Requirements for this Change Order (select only one).

A Purchase Order is required - included with this change order and is attached.

No Purchase Order is required - Customer affirms that this change order document is the only notice to proceed required, that funding has been encumbered for this change order in its entirety, and that no further purchase orders will be issued against this change order,

No Purchase Order required - this is a \$0 Change Order, or a decrease in scope.

Unless amended above, all other terms and conditions of the Contract shall remain in full force. If there are any inconsistencies between the provisions of this Change Order and the provisions of the Contract, the provisions of this Change Order will prevail.

IN WITNESS WHEREOF the parties have executed this Change Order as of the last date signed below.

Motorola Solutions, Inc.**Customer**

By: Scott Pitman
Printed Name: Scott Pitman
Title: RSM
Date: 5/9/2025

By: _____
Printed Name: _____
Title: _____
Date: _____

Reviewed by: _____
Motorola Solutions Project Manager

Date: _____

**Calhoun County Consolidated Dispatch Authority
Staff Report for Agenda Items**

Meeting Date: May 13, 2025

From: Michael Armitage, Executive Director

Item: New Business – Siren Fees

Background:

Over the last several months, we have been in communication planning for upgrades to outdoor warnings sirens. As part of the STORM loan application, it was helpful if the authority approves a repayment plan. While we don't have formal approvals yet from most municipalities, we do have informal reviews. It is proposed that we assess a siren fee to cover the participating municipalities portion of the project (based on the scope of work for their municipality-owned sirens). This would either be in the form of a one-time payment when the project is completed, or spread over 20 years, with 1% interest. The table below demonstrates estimated fees (subject to change), if communities participate in financing. The 911 service plan authorizes the Calhoun County Consolidated Dispatch Authority (CCFDA) Governing Board of Directors to impose user fees

| USER ASSESSMENT | Annual | 2026-2050 (x20) | Total Payments |
|--------------------|---------------------|-----------------|----------------------|
| Athens Village | \$ 1,793.59 | | \$ 35,871.80 |
| Battle Creek | \$ 8,988.47 | | \$ 179,769.40 |
| Bedfore Twp. | \$ 2,078.02 | | \$ 41,560.40 |
| Burlington Village | \$ 692.66 | | \$ 13,853.20 |
| NHBP | \$ 54.41 | | \$ 1,088.20 |
| Homer Village | \$ 1,716.33 | | \$ 34,326.60 |
| Springfield | \$ 108.83 | | \$ 2,176.60 |
| Marshall Twp. | \$ 380.90 | | \$ 7,618.00 |
| Pennfield Twp. | \$ 696.96 | | \$ 13,939.20 |
| Fredonia Twp. | \$ 3,278.13 | | \$ 65,562.60 |
| 911 Funds | \$ 6,262.88 | | \$ 125,257.60 |
| TOTAL | \$ 26,051.18 | | \$ 521,023.60 |

Financial Impact:

This is a budgeted item.

Recommended Motion:

Approve resolution 2025-005.

Calhoun County Consolidated Dispatch Authority

RESOLUTION 2025-005

A RESOLUTION TO AUTHORIZE MiSTRLF REPAYMENT PLAN

Calhoun County Consolidated Dispatch Authority (“CCCDA”).

A regular meeting of the Board of the CCCDA was held at Calhoun County Consolidated Dispatch Authority located at 315 W. Green St. Marshall Michigan 49068 on the 11th day of May 13, 2025, at 2:30 p.m..

The meeting was called to order at ____ p.m., by _____.

Present: Members

Absent: Members

WHEREAS, the forming Interlocal Agreement and E9-1-1 Service Plan specifically addresses adopting user fees in the event that millage and/or 9-1-1 surcharge monies are insufficient to cover the costs of financing consolidated dispatch; and

WHEREAS, the current 911 surcharge rate is insufficient to cover the costs of consolidated dispatch; and

WHEREAS, the 911 service plan authorizes the Calhoun County Consolidated Dispatch Authority (CCCDA) Governing Board of Directors to impose user fees through resolution, and

WHEREAS, the CCCDA has applied for financing under the MiSTRLF program; and

NOW, BE IT RESOLVED that the CCCDA Governing Board of Directors is committed to assessing user fees to communities upgrading their outdoor warning sirens as part of the upgrade project, proportional to the work performed on their sirens and any associated interest.

Motion by _____, seconded by _____ to ADOPT Resolution 2025-005, roll call vote:

Ayes: Members

Nays: Members

Motion declared [adopted/not adopted].

Steve Hinkley, Chair

The undersigned, duly qualified and acting Secretary of the Board of the CCCDA, Calhoun County, Michigan, hereby certifies that the foregoing constitutes a true and complete copy of Resolution No. 2025-005 adopted by the Board of the CCCDA at a regular meeting held on May 13, 2025, the original of which is a part of the Board's minutes. The undersigned further certifies that notice of the meeting was given to the public under the Open Meetings Act, 1976 PA 267, as amended.

Kate Chism, Executive Assistant

**Calhoun County Consolidated Dispatch Authority
Staff Report for Agenda Items**

Meeting Date: May 13, 2025

From: Michael Armitage, Executive Director

Item: New Business – MPSCS Co-location

Background:

The CCCDA Simulcast Radio System design includes co-locating equipment at MPSCS owned tower sites. This equipment contains both RF (Radio Frequency/Radio) equipment, antenna systems, and microwave systems. Resolution 2025-006 authorizes the Executive Director to execute this agreement, which outlines responsibilities and access provisions.

Financial Impact:

N/A

Recommended Motion:

Approve resolution 2025-006.

CALHOUN COUNTY CONSOLIDATED DISPATCH AUTHORITY

RESOLUTION NO. 2025-006

RESOLUTION APPROVING THE MPSCS CO LOCATION AGREEMENT

The Calhoun County Consolidated Dispatch Authority, Calhoun County, Michigan (the "CCCDA"), hereby resolves.

At a regular meeting of the CCCDA held at County Building, in the City of Marshall, in the County of Calhoun, State of Michigan, on the 13th day of May, 2025, at 2:30 EDT in the PM.

The meeting was called to order at _____ EDT in the PM by _____.

Present: _____

Absent: _____

The following preamble and Resolution were offered by _____ and supported by _____:

WHEREAS, the Calhoun County Central Dispatch Authority (the "CCCDA") intends to enter into a co-location agreement with the Michigan Public Safety Communication System (the "MPSCS"); and

WHEREAS, the CCCDA Executive Director has presented a proposed copy of the co-location agreement; and

WHEREAS, the CCCDA Executive Director has recommended that the CCCDA Board of Directors APPROVE the co-location agreement as presented.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The CCCDA Board of Directors does approve the MPSCS co-location agreement, as presented, and does authorize the Executive Director to sign the Agreement on behalf of the CCCDA, and bind the CCCDA to the terms of the Agreement.

2. The Executive Director is authorized to approve minor modifications to the language of the final signed Agreements, upon the advice and recommendation of the CCCDA General Counsel.

3. All resolutions and parts of resolutions insofar as they conflict with the provisions of this resolution are hereby rescinded.

AYES:

NAYS:

Resolution declared adopted this _____, day of _____, 2025.

Kate Chism
Executive Assistant

The undersigned duly qualified and acting Secretary of the Secretary, Calhoun County Consolidated Dispatch Authority, hereby certifies that the foregoing is a true and complete copy of a resolution adopted by the Board at a Regular meeting held on May 13, 2025, the original of which is a part of the Board's minutes and further certifies that notice of the meeting was given to the public pursuant to the provisions of the Open Meetings Act, 1976 PA 267, as amended.

Kate Chism
Executive Assistant

**MICHIGAN'S PUBLIC SAFETY COMMUNICATION SYSTEM
CO-LOCATION LICENSE AGREEMENT WITH
CALHOUN COUNTY CONSOLIDATED DISPATCH AUTHORITY**

This Co-location License Agreement (Agreement) is entered into between the State of Michigan by its Department of Technology, Management and Budget, Office of the Michigan's Public Safety Communications System (DTMB-MPSCS), and the Calhoun County Consolidated Dispatch Authority (Member), for the installation of Member's communications equipment on the Michigan's Public Safety Communication System (MPSCS), Tower Sites 1902 Hillsdale, 5104 Adams Park, 5114 Augusta, 5702 Albion, and 5704 Battle Creek. The State or DTMB-MPSCS and Member together referred to as the "Parties."

WHEREAS, the State is the owner of the MPSCS, a public safety communications network, comprised of real and personal property, including communications towers, buildings, equipment and other related facilities and fixtures necessary for the operation and safety of the MPSCS;

WHEREAS, DTMB-MPSCS licenses State property in accordance with 1984 PA 431 and manages and operates the MPSCS, including providing communications co-location support to MPSCS members;

WHEREAS, the Parties have contemporaneously entered into a MPSCS Integration Agreement to provide public safety interoperability between the MPSCS and the Member's proprietary communications system;

WHEREAS, Member-owned Communications Equipment must be co-located at MPSCS Tower Sites 1902 Hillsdale, located at 4700-1/2 Cole Road, Hillsdale, 5104 Adams Park, located at 12826 S. 29th Street, Adams Park, 5114 Augusta, located at 305 W. Jefferson Street, Augusta, 5702 Albion, located at 13549 27 Mile Road, Albion, and 5704 Battle Creek, located at 15756 11 Mile Road, Battle Creek (Premises) to meet the technical requirements for the systems to communicate on an integrated basis;

WHEREAS, the Parties desire to enter into this Agreement, in which the State grants Member a license to install, operate, and maintain the Member's Communications Equipment at the Premises, in support of the two systems' integration. Member's Equipment is identified in the Integration Agreement and collectively referred to as "Electronics Equipment"; and

WHEREAS, Member represents it is in good standing and in compliance with all the terms and conditions of its MPSCS Member Subscriber Agreement.

THEREFORE, in consideration of the Parties' mutual promises, covenants, and understandings the Parties agree:

1. Grant of License.

- A. The State grants Member a non-proprietary, non-exclusive, revocable license to install, operate, and maintain, its Electronics Equipment on the Premises, pursuant to this Agreement.
- B. The Member must work exclusively with DTMB-MPSCS, or its successors, in connection with the use of the Premises and the Member's performance under this Agreement.
- C. Co-located fire paging, commencing on October 1, 2020, Member will pay the monthly co-location fee designated by the MPSCS policy 1.1.7 Tower Usage Fee for the first antenna and each additional antenna.

2. The Licensed Premises Include.

- A. The location at Tower Sites 1902 Hillsdale, 5104 Adams Park, 5114 Augusta, 5702 Albion, and 5704 Battle Creek (Licensed Premises), is identified in attached Exhibit A, for the purpose of installing the Electronics Equipment on the Licensed Premises.
- B. Access to the Tower Sites 1902 Hillsdale, 5104 Adams Park, 5114 Augusta, 5702 Albion, and 5704 Battle Creek to install, maintain, repair, or replace the Electronics Equipment.

3. Term.

- A. The initial term of this Agreement is ten (10) years from its Effective Date, unless terminated earlier.
- B. Provided Member is not in default under any MPSCS Agreement; this Agreement has not expired or been terminated; and the Member notifies DTMB-MPSCS at least sixty (60) days before the expiration of the initial term, DTMB-MPSCS will have the option to renew this Agreement or negotiate new terms with Member for continued use of the Licensed Premises.

4. Termination.

Either Party may terminate this Agreement for any reason by giving the other Party thirty (30) months written notice of its intent to terminate this Agreement in conjunction with the termination of the Integration Agreement.

5. Installation of Member Electronics Equipment.

- A. The Electronics Equipment that may be installed on the Licensed Premises is identified in Exhibit B.
- B. The Member must post its current FCC License and maintain a current list of authorized contactors, in the locations designated by DTMB-MPSCS at Tower Sites 1902 Hillsdale, 5104 Adams Park, 5114 Augusta, 5702 Albion, and 5704 Battle Creek.
- C. The Electronics Equipment must be installed in conformance with the MPSCS Standards of Work System Installation requirements. Waiver of antenna installation and performance requirements must have DTMB-MPSCS's advance written approval.
- D. The Member retains DTMB-MPSCS to maintain and repair the Electronics Equipment installed at the Licensed Premises.

6. Electricity, Uninterrupted Power Source, Generator Power.

DTMB-MPSCS will provide electricity, with a back-up generator for the Electronics Equipment at no cost to Member. DTMB-MPSCS is not liable to Member for any loss or interruption of electricity. Member may install an Uninterrupted Power Source at its own expense.

7. Access to Licensed Premises.

DTMB-MPSCS will permit unescorted Member access to the Licensed Premises for installation, repair, maintenance, or removal of the Electronics Equipment provided Member and its authorized contractors fully comply with the current MPSCS Co-location Tower Site Access Policy.

8. Federal and State Licensing Requirements.

Member must obtain and maintain in its own name and must provide DTMB-MPSCS, upon request, copies of all appropriate approvals, permits, or licenses for operation of the Communications Equipment, including but not limited to, Member's FCC licenses. If the Member's FCC licenses, any other approval, or permit to operate the Communications Equipment is, suspended, revoked, or terminated Member must immediately notify DTMB-MPSCS and must promptly, within thirty (30) days of receipt of the notice of suspension, revocation, or termination remove the Electronics Equipment from the Licensed Premises.

9. Tower Loading and Radio Interference.

- A. Member must not permit the tower on the Premises to exceed designed equipment load limits. Additionally Member must not do anything that would cause intermodal interference with the MPSCS' equipment.
- B. Member agrees to install Electronics Equipment that will not cause measurable interference to the equipment on the Premises. The Electronics Equipment must not create a nuisance to the State, MPSCS, local residents, or other telecommunication users. Member must cooperate with DTMB-MPSCS, to the extent reasonably necessary, to determine the source of any interference. If the Electronics Equipment causes measurable interference, and after DTMB-MPSCS has notified the Member of the interference, Member will take all necessary steps to correct and eliminate the interference within forty-eight (48) hours of notice of interference, at Member's expense. If the interference is disrupting or substantially reducing the continuous nature and required quality of the MPSCS's communications, Member must immediately undertake all actions necessary to eliminate or remedy the interference. Member must cooperate with DTMB-MPSCS, and other licensees on the Premises, to the extent reasonably necessary to determine the source and correction of any interference. DTMB-MPSCS agrees to include this interference resolution requirement in all licenses granted for these tower site.

10. Damage Caused by Member.

Member must pay for any damages to the MPSCS or the Premises caused by the Electronics Equipment, or in the operation, installation, maintenance, use, or removal of the Electronics Equipment. DTMB-MPSCS will repair or replace any Equipment it damages in the operation, maintenance, use, and installation, or removal of MPSCS equipment.

11. Catastrophic Event.

If the Licensed Premises become inoperable due to a Catastrophic Event the Parties may terminate this Agreement as provided in the Integration Agreement.

12. Suitability, Insurance and Indemnification.

Member shall comply with the suitability, insurance and indemnification requirements set forth in the Integration Agreement between the Parties.

13. Non-Discrimination.

Under the Elliott-Larsen Civil Rights Act, 1976 PA 453, MCL 37.2101, et seq., the Persons with Disabilities Civil Rights Act, 1976 PA 220, MCL 37.1101, et seq., and Executive Directive 2019-09, The Parties agree not to discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment, because of race, color, religion, national origin, age, sex (as defined in Executive Directive 2019-09), height, weight, marital status, partisan considerations, any mental or physical disability, or genetic information that is unrelated to the person's ability to perform the duties of a particular job or position. The Parties further agree that every subcontract entered into for the performance of the Agreement will contain a provision requiring non-discrimination in employment, as herein specified, binding upon each subcontractor. Any breach of this Section shall constitute a material breach of the Agreement.

14. Unfair Labor Practices.

DTMB-MPSCS may void this Agreement, if the Member or any of its contractors, subcontractors, manufactures, or suppliers appear in the register compiled pursuant to 1980 PA 278, MCL 423.321, et seq. (Employers Engaging in Unfair Labor Practices Act).

15. Notices.

All written notices required under this Agreement shall be delivered by U.S. certified mail, return receipt requested. All notices will be sent to the Parties as follows:

To: Member

Calhoun County Consolidated Dispatch
Authority
315 West Green Street
Marshall, MI 49068
Attn: Executive Director

To: DTMB-MPSCS

MPSCS
P.O. Box 30631
Lansing, MI 48909-8131
Attn: Director MPSCS

16. Governing Law.

This Agreement is governed by, and construed in accordance with, the laws of the State of Michigan.

17. Amendments.

This Agreement may not be amended except by a written agreement of the Parties.

18. No Waiver of Default.

The failure of a party to insist upon strict adherence to any term of this Agreement shall not be considered a waiver, or deprive the party of the right to later insist on the strict adherence to that term of the Agreement.

19. Entire Agreement and Order of Priority.

This Agreement represent the entire agreement between the Parties regarding Member's co-location at MPSCS Tower Sites 1902 Hillsdale, 5104 Adams Park, 5114 Augusta, 5702 Albion, and 5704 Battle Creek and supersedes all proposals, prior agreements (oral or written), and all other communications between the Parties relating to matters covered in this Agreement. This Agreement shall be read to be consistent with the Integration Agreement and Memorandum of Agreement entered contemporaneously between the Parties. However, for matters relating to Member's co-location on Tower Sites 1902 Hillsdale, 5104 Adams Park, 5114 Augusta, 5702 Albion, and 5704 Battle Creek the Co-location License Agreement will take precedence over the Integration Agreement.

20. Effective Date.

This Agreement's effective date is the date it is approved by the State Administrative Board.

21. Headings.

Section headings in this Agreement are provided for convenience and shall not be used to construe or interpret the scope of intent must not control the interpretation of this Agreement.

22. Severance.

If any provision of this Agreement, or its application to any person or circumstance, shall to any extent be invalid or unenforceable, the

remainder of the Agreement shall not be affected and shall remain valid and enforceable.

23. Assignment.

Member must not assign, transfer, pledge, mortgage or encumber the Licensed Premises.

24. No Sublicensing.

Member must not sublease, sublicense, or sublet the Licensed Premises.

25. Subordination.

The State reserves the right to subject and subordinate this license to any mortgage or other State interest in the Premises.

26. Subcontracting.

Member, and its subcontractors, must comply with all requirements in this Agreement and all other applicable rules, regulations, guidelines, and laws regarding subcontracting. The use of contractors or subcontractors by Member is subject to DTMB-MPSCS's prior approval.

27. Force Majeure.

The time of performing any duty or obligation of the State or the Member must be extended for the period during which performance was delayed or impeded by reason of riots, insurrections, war, fire, casualty, earthquake, acts of nature, governmental action or other reasons of a like nature not the fault or, in the case of governmental action, not reasonably within the control of the party required to perform such duty or obligation.

28. Counterparts.

This Agreement may be signed in counterparts, each of which has the force of an original, and all of which constitute one document.

29. Authority to Contract.

Each Party represents that it has the power to enter into this Agreement and that the person signing the Agreement has the authority to bind its respective Party.

This Agreement has been executed by the Parties on the dates shown below.

SIGNATURE PAGES FOLLOW

MEMBER:

CALHOUN COUNTY CONSOLIDATED DISPATCH AUTHORITY

By: Michael Armitage

Its: Executive Director

Date: _____

The Member's Resolution approving this Agreement and the person authorized to execute the Agreement is attached.

**STATE OF MICHIGAN:
Department of Technology, Management, and Budget,
Office of the Michigan's Public Safety Communications System**

By: Bradley A. Stoddard,
Its: Director MPSCS

Date: _____

**STATE OF MICHIGAN:
Department of Technology, Management and Budget**

By:
Its:

Date: _____

The State Administrative Board approved this Agreement on:

Date: _____

This Agreement approved as to legal form:

By: Lisa Barwick, Assistant Attorney General

Date: _____

EXHIBIT A

Licensed Premises

County Towers and Dispatch Site

| Site # | Name | Type | Address |
|--------|--------------------|--|---|
| 5701 | Dispatch | Building Simulcast Remote RF | 315 West Green Street Marshall, MI 49068 |
| 5703 | Washington Heights | Self Supporting Simulcast Remote RF | 315 West Goodale Avenue Battle Creek, MI 49037 |
| 5707 | Sonoma | Self Supporting Simulcast Remote RF | 4542 B Drive South Battle Creek, MI 49014 |
| 5708 | Tekonsha | Self Supporting Simulcast Remote RF | 2310 13-1/2 Mile Road Burlington, MI 49029 |
| 5709 | Homer | Self Supporting Simulcast Remote RF | 9400 24-1/2 Mile Road Homer, MI 49245 |

MPSCS Towers

| Site # | Name | Type | Address |
|--------|--------------|---|---|
| 1902 | Hillsdale | Guyed Multicast RF Multicast | 4700-1/2 Cole Rd Hillsdale, MI 49242 |
| 5104 | Adams Park | Guyed Kalamazoo Simulcast Remote RF | 12826 S. 29th St Adams Park, MI 49097 |
| 5114 | Augusta | Self Supporting Kalamazoo Simulcast Remote RF | 305 W. Jefferson St. Augusta, MI 49012 |
| 5702 | Albion | Self Supporting Calhoun Simulcast Remote RF | 13549 27 Mile Road Albion, MI 49224 |
| 5704 | Battle Creek | Self Supporting Calhoun Simulcast Prime RF | 15756 11Mile Road Battle Creek, MI 49017 |

Decommissioned

| Site # | Name | Type | Address |
|--------|-------------------|----------------|--|
| 5706 | Battle Creek City | Decommissioned | 176 Meachem Avenue Battle Creek, MI 49015 |

EXHIBIT B

**Member Equipment Co-located at MPSCS Site
(Co-location documents on following pages)**

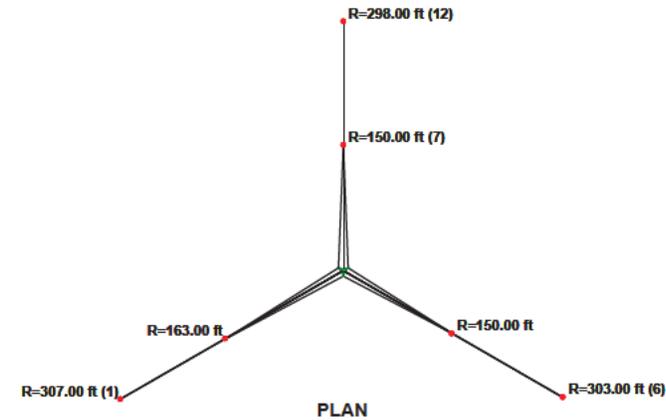
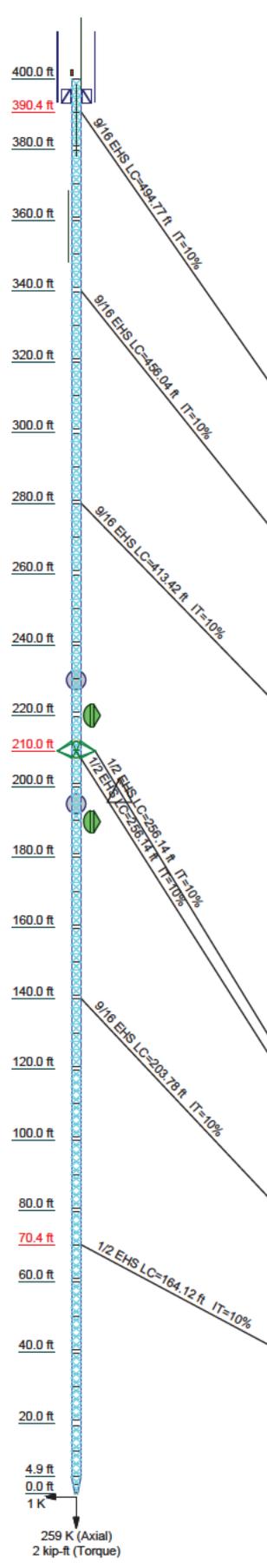
2.2) LOADING CONFIGURATION (FINAL PROPOSED)

| Elevations (ft.) ^{1,2} | | Qty. | Antenna Description/Model | Mount Type | Coax/Feedlines | | Carrier | Notes |
|---------------------------------|---------|------|--|------------|----------------|-------------|---------|-----------------|
| Mount | Antenna | | | | Qty. | Size | | |
| Top | Top | 1 | Beacon | --- | 1 | 1" Cable | --- | Existing |
| Top | Top | 1 | Staticat | --- | | | | |
| Top | Top | 1 | 21' Lightning Rod Ext. | --- | | | | |
| 395.00 | 395.00 | 2 | DB 810KE-XT | Side Arm | 2 | 1-5/8" Coax | --- | Existing |
| 380.00 | 380.00 | 1 | DB 810KE-XT | Side Arm | 1 | 1-5/8" Coax | --- | Existing |
| 350.00 | 350.00 | 1 | DB 810KE-XT | Pipe Mount | 1 | 1-5/8" Coax | --- | Existing |
| 230.00 | 230.00 | 1 | VHLP6-6W Az. 341.89° | Pipe Mount | 1 | EW63 | --- | <i>Proposed</i> |
| 220.00 | 220.00 | 1 | Commscope PAR6-59W 6' solid w/radome 82.9° | Pipe Mount | 1 | EW52 | --- | Existing |
| 195.00 | 195.00 | 1 | VHLP6-6W Az. 341.89° | Pipe Mount | 1 | EW63 | --- | <i>Proposed</i> |
| 190.00 | 190.00 | 1 | Commscope PAR6-59W 6' solid w/radome 82.9° | Pipe Mount | 1 | EW52 | --- | Existing |

Notes:

1. Elevations listed are measured to the centerline of the antenna and mounts unless noted otherwise.
2. Omni or Whip style antennas elevations listed are to the base of the antenna unless noted otherwise.

| | | | | | | | | | | | | | | | | | | | | | |
|-------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Section | T21 | T20 | T19 | T18 | T17 | T16 | T15 | T14 | T13 | T12 | T11 | T10 | T9 | T8 | T7 | T6 | T5 | T4 | T3 | T2 | T1 |
| Legs | A | | | | | | | | | | | | | | | | | | | | |
| Leg Grade | | | | | | | | | | | | | | | | | | | | | |
| Diagonals | | | | | | | | | | | | | | | | | | | | | |
| Diagonal Grade | | | | | | | | | | | | | | | | | | | | | |
| Top Girts | B | | | | | | | | | | | | | | | | | | | | |
| Mid Girts | C | | | | | | | | | | | | | | | | | | | | |
| Bottom Girts | | | | | | | | | | | | | | | | | | | | | |
| Horizontals | | | | | | | | | | | | | | | | | | | | | |
| Sec. Horizontals | B | | | | | | | | | | | | | | | | | | | | |
| Top Guy Pull-Offs | | | | | | | | | | | | | | | | | | | | | |
| Bot Guy Pull-Offs | | | | | | | | | | | | | | | | | | | | | |
| # Panels @ (ft) | E | D | | | | | | | | | | | | | | | | | | | |
| Weight (K) | 16.5 | 0.3 | 0.7 | 0.6 | 0.5 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 1.9 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| Face Width (ft) | 0.833 | | | | | | | | | | | | | | | | | | | | |
| # Panels @ (ft) | | | | | | | | | | | | | | | | | | | | | |
| Weight (K) | | | | | | | | | | | | | | | | | | | | | |



SYMBOL LIST

| MARK | SIZE | MARK | SIZE |
|------|------------------------------|------|-------------|
| A | 1.75"SR Leg + 2" XS 1/2 Pipe | D | 6 @ 2.40972 |
| B | N.A. | E | 2 @ 2.19793 |
| C | 4x1/2 | | |

MATERIAL STRENGTH

| GRADE | Fy | Fu | GRADE | Fy | Fu |
|---------|--------|--------|-------|--------|--------|
| A572-50 | 50 ksi | 65 ksi | A36 | 36 ksi | 58 ksi |

- TOWER DESIGN NOTES**
1. Tower is located in Hillsdale County, Michigan.
 2. Tower designed for Exposure C to the TIA-222-G Standard.
 3. Tower designed for a 90 mph basic wind in accordance with the TIA-222-G Standard.
 4. Tower is also designed for a 40 mph basic wind with 0.75 in ice. Ice is considered to increase in thickness with height.
 5. Deflections are based upon a 60 mph wind.
 6. Tower Structure Class III.
 7. Topographic Category 1 with Crest Height of 0.00 ft
 8. TOWER RATING: 96.1%



| | | | | |
|--|---|--|---|--------------------------|
| <p>MISSION 1 COMMUNICATIONS WE BUILD TOWERS</p> | <p>Mission 1 Communications 592 West Perry Road Ligonier, IN 46767 Phone: (800) 377-2929 FAX: (800) 377-2929</p> | <p>Job: A-111703</p> | | |
| | | <p>Project: #36 x 400' - #1902 Hillsdale, MI</p> | <p>Client: Pyramid Network Services</p> | <p>Drawn by: jkaiser</p> |
| | | <p>Code: TIA-222-G</p> | <p>Date: 09/09/24</p> | <p>Scale: NTS</p> |
| | | <p>Path:</p> | | <p>Dwg No. E-1</p> |

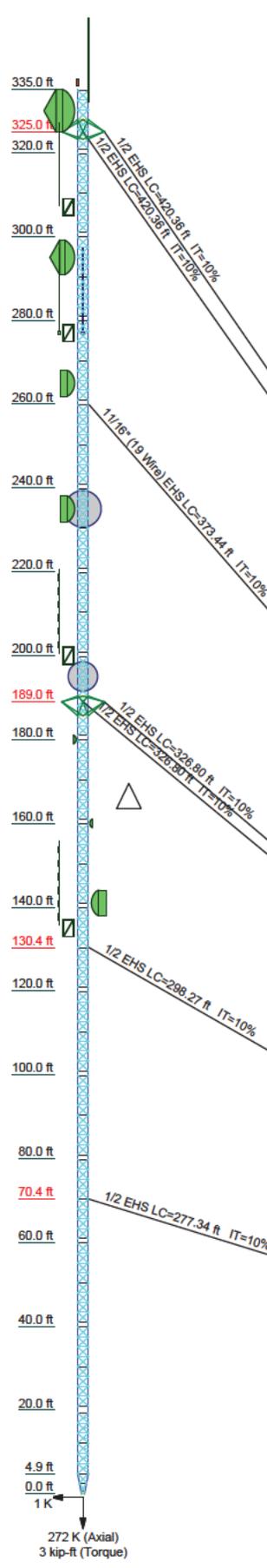
2.2) LOADING CONFIGURATION (FINAL PROPOSED)

| Elevations (ft.) ^{1,2} | | Qty. | Antenna Description/Model | Mount Type | Coax/Feedlines | | Notes |
|---------------------------------|---------|------|---|------------|----------------|--------|-----------------|
| Mount | Antenna | | | | Qty. | Size | |
| Top | Top | 1 | Beacon | Direct | 1 | 1" | Existing |
| Top | Top | 1 | Staticat | Direct | | | |
| Top | Top | 1 | 21' Lightning Rod Extender | Direct | | | |
| 330.00 | 330.00 | 1 | Andrew PL10-65D 10' Solid w/ Radome 60° | Pipe Mount | 1 | EW63 | Existing |
| 307.00 | 307.00 | 3 | DS7C12P36U-D | Side Arm | 3 | 1-5/8" | Existing |
| 295.00 | 295.00 | 1 | Andrew PL8-65D 8' Solid w/ Radome 60° | Pipe Mount | 1 | EW63 | Existing |
| 277.00 | 277.00 | 1 | DS7C12P36U-D | Side Arm | 1 | 1-5/8" | Existing |
| 277.00 | 277.00 | 1 | TTA | Side Arm | 1 | 1/2" | Existing |
| 277.00 | 277.00 | 1 | DS7C12P36U-D (Future) | Side Arm | 1 | 1-5/8" | <i>Reserved</i> |
| 277.00 | 277.00 | 1 | TTA (Future) | Side Arm | 1 | 1/2" | <i>Reserved</i> |
| 265.00 | 265.00 | 1 | VHLP6-6W Az.64.1 | Pipe Mount | 1 | EW63 | <i>Proposed</i> |
| 235.00 | 235.00 | 1 | Andrew PL10-65D 10' Solid w/ Radome 225° | Pipe Mount | 1 | EW63 | Existing |
| 235.00 | 235.00 | 1 | VHLP6-6W Az.64.1 | Pipe Mount | 1 | EW63 | <i>Proposed</i> |
| 200.00 | 200.00 | 1 | DB224 | Side Arm | 1 | 7/8" | Existing |
| 195.00 | 195.00 | 1 | Andrew PL8-65D 8' Solid w/ Radome 225° | Pipe Mount | 1 | EW63 | Existing |
| 180.00 | 180.00 | 1 | Radiowave 2' Dish 45° N110082D072RW | Pipe Mount | 1 | LMR400 | Existing |
| 160.00 | 160.00 | 1 | Radiowave 2' Dish 260° N110082D072RW | Pipe Mount | 1 | LMR400 | Existing |
| 141.00 | 141.00 | 1 | VHLP6-6W 6' Solid w/ Radome 296° | Pipe Mount | 1 | EW52 | Existing |
| 135.00 | 135.00 | 1 | DB224 (Future) | Side Arm | 1 | 7/8" | <i>Reserved</i> |

Notes:

1. Elevations listed are measured to the centerline of the antenna and mounts unless noted otherwise.
2. Omni or Whip style antennas elevations listed are to the base of the antenna unless noted otherwise.

| | | | | | | | | | | | | | | | | | | |
|-------------------|----------------|----|----|----------|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Section: | T1 | T2 | T3 | T4 | T5 | T6 | T7 | T8 | T9 | T10 | T11 | T12 | T13 | T14 | T15 | T16 | T17 | T18 |
| Legs | | | | SR 1 3/4 | | | | | | | | | | | | | | |
| Leg Grade | | | | | | | | | | | | | | | | | | |
| Diagonals | | | | SR 3/4 | | | | | | | | | | | | | | |
| Diagonal Grade | | | | A572-50 | | | | | | | | | | | | | | |
| Top Girts | | | | | | | | | | | | | | | | | | |
| Mid Girts | | | | SR 3/4 | | | | | | | | | | | | | | |
| Bottom Girts | | | | | | | | | | | | | | | | | | |
| Horizontals | | | | | | | | | | | | | | | | | | |
| Sec. Horizontals | | | | | | | | | | | | | | | | | | |
| Top Guy Pull-Offs | | | | | | | | | | | | | | | | | | |
| Bot Guy Pull-Offs | | | | | | | | | | | | | | | | | | |
| Face Width (ft) | 0.833 | | | | | | | | | | | | | | | | | |
| # Panels @ (ft) | D @ 2.40972 | | | | | | | | | | | | | | | | | |
| Weight (K) | 17.6 @ 2.35677 | | | | | | | | | | | | | | | | | |



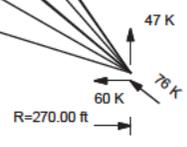
SYMBOL LIST

| MARK | SIZE | MARK | SIZE |
|------|-------|------|-------------|
| A | N.A. | C | SR 4x1/2 |
| B | 4x1/2 | D | 2 @ 2.19793 |

MATERIAL STRENGTH

| GRADE | Fy | Fu | GRADE | Fy | Fu |
|---------|--------|--------|-------|--------|--------|
| A572-50 | 50 ksi | 65 ksi | A36 | 36 ksi | 58 ksi |

- TOWER DESIGN NOTES**
1. Tower is located in Kalamazoo County, Michigan.
 2. Tower designed for Exposure C to the TIA-222-G Standard.
 3. Tower designed for a 120 mph basic wind in accordance with the TIA-222-G Standard.
 4. Tower is also designed for a 40 mph basic wind with 0.75 in ice. Ice is considered to increase in thickness with height.
 5. Deflections are based upon a 60 mph wind.
 6. Tower Risk Category III and IV.
 7. Topographic Category 1 with Crest Height of 0.00 ft
 8. TOWER RATING: 87.9%



ALL REACTIONS ARE FACTORED

| | | | |
|---|--|--------------------------|--------------------------------------|
|  <p>MISSION 1 COMMUNICATIONS</p> <p>WE BUILD TOWERS</p> | <p>Mission 1 Communications</p> <p>592 West Perry Road Ligonier, IN 46767 Phone: (800) 377-2929 FAX: (800) 377-2929</p> | | <p>Job: 5104 - Adams Park</p> |
| | <p>Project: Valmont #36 x 335' GT - Valmont #A-114130</p> | | |
| <p>Client: Pyramid</p> | <p>Drawn by: jkaiser</p> | <p>App'd:</p> | |
| <p>Code: TIA-222-G</p> | <p>Date: 06/24/24</p> | <p>Scale: NTS</p> | |
| <p>Path:</p> | <p>Dwg No. E-1</p> | | |

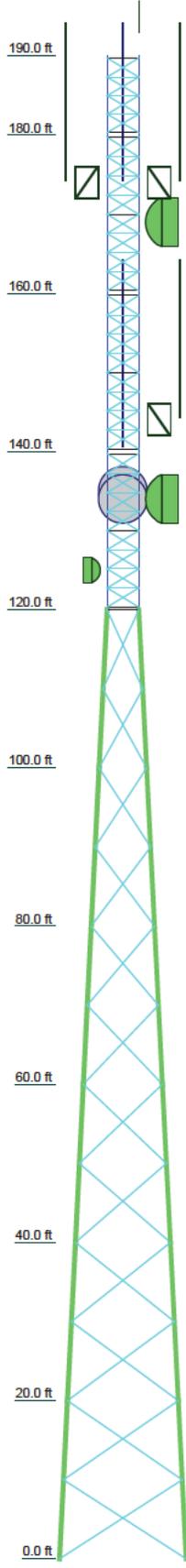
2.2) LOADING CONFIGURATION (FINAL PROPOSED)

| Elevations (ft.) ^{1,2} | | Qty. | Antenna Description/Model | Mount Type | Coax/Feedlines | | | Notes |
|---------------------------------|---------|------|---------------------------------|------------|----------------|-------------|----------|-----------------|
| Mount | Antenna | | | | Qty. | Size | Location | |
| Top | Top | 1 | 10' Lightning Rod | --- | --- | --- | --- | Existing |
| 174.00 | 174.00 | 2 | DS7C12P36U-D | Side Arm | 3 | 1-5/8" Coax | T-Bar | Existing |
| 174.00 | 174.00 | 1 | DS7C12P36U-D (future) | Side Arm | 1 | 1-5/8" Coax | T-Bar | Future |
| 169.00 | 169.00 | 1 | VHLP6-6W (100° Az.) | Dish Mount | 1 | EW52 | T-Bar | Existing |
| 144.00 | 144.00 | 1 | DS7C12P36U-D | Side Arm | 1 | 7/8" Coax | T-Bar | Existing |
| 144.00 | 144.00 | 1 | TTA | Side Arm | 1 | 1/2" Coax | T-Bar | Existing |
| 144.00 | 144.00 | 1 | DS7C12P36U-D (future) | Side Arm | 1 | 7/8" Coax | T-Bar | Future |
| 144.00 | 144.00 | 1 | TTA (future) | Side Arm | 1 | 1/2" Coax | T-Bar | Future |
| 140.00 | 140.00 | 1 | DB224 | Side Arm | 1 | 7/8" COax | T-Bar | Existing |
| 135.00 | 135.00 | 1 | VHLP6-6W (302° Az.) | Dish Mount | 1 | EW52 | T-Bar | Existing |
| 134.00 | 134.00 | 1 | VHLP6-6W (100° Az.) | Dish Mount | 1 | EW52 | T-Bar | Existing |
| 134.00 | 134.00 | 1 | VHLP-6-6W (88.84° Az.) | Dish Mount | 1 | EW63 | T-Bar | Proposed |
| 125.00 | 125.00 | 1 | Radiowave HPD3-4.7NS (280° Az.) | Dish Mount | 2 | 7/8" Coax | T-Bar | Existing |

Notes:

1. Elevations listed are measured to the centerline of the antenna and mounts unless noted otherwise.
2. Omni or Whip style antennas elevations listed are to the base of the antenna unless noted otherwise.

| | | | | | | | | | | |
|-----------------|-----------|---|---|-----------|---------|----------|----------|----------|----------|-------------|
| Section | T10 | T9 | T8 | T7 | T6 | T5 | T4 | T3 | T2 | T1 |
| Legs | B | #12ZG-58 - 1.50" - 1.00" conn. (Pirod 194651) | #12ZG-58 - 1.50" - 1.00" conn. (Pirod 194651) | A572-58 | A | SR 2 1/4 | SR 1 3/4 | SR 1 3/4 | SR 1 1/4 | |
| Leg Grade | L3x3x3/16 | L2 1/2x2 1/2x3/16 | A36 | L3x3x3/16 | A572-58 | SR 7/8 | SR 3/4 | SR 3/4 | SR 3/4 | |
| Diagonals | L3x3x3/16 | N.A. | N.A. | N.A. | N.A. | SR 1 | SR 7/8 | SR 7/8 | N.A. | |
| Diagonal Grade | | | | | | | | | | |
| Top Girts | | | | | | | | | | |
| Mid Girts | | | | | | | | | | |
| Bottom Girts | | | | | | | | | | |
| Horizontals | | | | | | | | | | |
| Face Width (ft) | 14 | 12 | 12 @ 10 | 10 | 8 | 6 | | | | 4 |
| # Panels @ (ft) | 3.1 | 2.5 | 2.4 | 2.4 | 2.3 | 2.0 | 1.5 | 1.0 | 0.7 | 0.4 |
| Weight (K) | 18.3 | | | | | | | | | 4 @ 2.35417 |



ALL REACTIONS ARE FACTORED

MAX. CORNER REACTIONS AT BASE:

DOWN: 190 K
SHEAR: 17 K

UPLIFT: -172 K
SHEAR: 16 K

AXIAL 99 K
SHEAR 7 K
MOMENT 723 kip-ft

TORQUE 5 kip-ft
40 mph WIND - 1.5000 in ICE

AXIAL 31 K
SHEAR 25 K
MOMENT 2504 kip-ft

TORQUE 19 kip-ft
REACTIONS - 114 mph WIND

SYMBOL LIST

| MARK | SIZE | MARK | SIZE |
|------|---|------|--|
| A | #12ZG-58 - 1.25" - 1.00" conn. (Pirod 194434) | B | #12ZG-58 BASE - 1.75" - 1.00" conn.-TR2-(Pirod 281214) |

MATERIAL STRENGTH

| GRADE | Fy | Fu | GRADE | Fy | Fu |
|---------|--------|--------|-------|--------|--------|
| A572-58 | 58 ksi | 75 ksi | A36 | 36 ksi | 58 ksi |
| A572-50 | 50 ksi | 65 ksi | | | |

TOWER DESIGN NOTES

1. Tower is located in Kalamazoo County, Michigan.
2. Tower designed for Exposure C to the TIA-222-H Standard.
3. Tower designed for a 114 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 40 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category III.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 68.4%

| | | |
|--|--|---|
|  <p>WE BUILD TOWERS</p> | <p>Mission 1 Communications</p> <p>592 West Perry Road Ligonier, IN 46767 Phone: (800) 377-2929 FAX: (800) 377-2929</p> | <p>Job: MPSCS - 5114</p> |
| | | <p>Project: Valmont U -16.0 x 190' (Eng. File # 528423)</p> |
| | | <p>Client: _____ Drawn by: jkaiser</p> <p>Code: TIA-222-H Date: 06/25/24</p> <p>Path: _____</p> |
| | | <p>App'd: _____ Scale: NTS</p> <p>Dwg No. E-1</p> |

2.2) LOADING CONFIGURATION (FINAL PROPOSED)

| Elevations (ft.) ^{1,2} | | Qty. | Antenna Description/Model | Mount Type | Coax/Feedlines | | Carrier | Notes | |
|---------------------------------|---------|------|---------------------------|------------|----------------|-------------|---------|-------|-----------------|
| Mount | Antenna | | | | Qty. | Size | | | Location |
| Top | Top | 1 | Beacon | --- | 1 | 1" Cable | Banjo | --- | Existing |
| Top | Top | 1 | Staticat | --- | | | | | |
| Top | Top | 1 | 21' Lightning Rod Ext. | --- | | | | | |
| 475.00 | 475.00 | 2 | DS7C12P36U-D | Side Arm | 2 | 1-5/8" Coax | Banjo | --- | <i>Proposed</i> |
| 445.00 | 445.00 | 1 | DS7C12P36U-D | Side Arm | 1 | 1-5/8" Coax | Banjo | --- | <i>Proposed</i> |
| 445.00 | 445.00 | 1 | TTA 440 | Side Arm | 1 | 1/2" Coax | Banjo | --- | <i>Proposed</i> |
| 440.00 | 440.00 | 1 | DB810E-PS | Side Arm | 1 | 1-5/8" Coax | Banjo | --- | Existing |
| 280.00 | 280.00 | 1 | Andrew PL8-65D | Pipe Mount | 1 | EW63 | Banjo | --- | Existing |
| 235.00 | 235.00 | 1 | Andrew PL6-65D | Pipe Mount | 1 | EW63 | Banjo | --- | Existing |
| 200.00 | 200.00 | 3 | DB212-3-35 | Side Arm | 3 | 7/8" Coax | Banjo | --- | Future |
| 190.00 | 190.00 | 1 | Andrew PL8-65D | Pipe Mount | 1 | EW63 | Banjo | --- | Existing |
| 160.00 | 160.00 | 1 | Andrew PL6-65D | Pipe Mount | 1 | EW63 | Banjo | --- | Existing |
| 157.00 | 157.00 | 1 | Commscope PAD6-65B | Pipe Mount | 1 | EW63 | Banjo | --- | Existing |
| 125.00 | 125.00 | 1 | VHLP6-6W | Pipe Mount | 1 | EW63 | Banjo | --- | <i>Proposed</i> |

Notes:

1. Elevations listed are measured to the centerline of the antenna and mounts unless noted otherwise.
2. Omni or Whip style antennas elevations listed are to the base of the antenna unless noted otherwise.

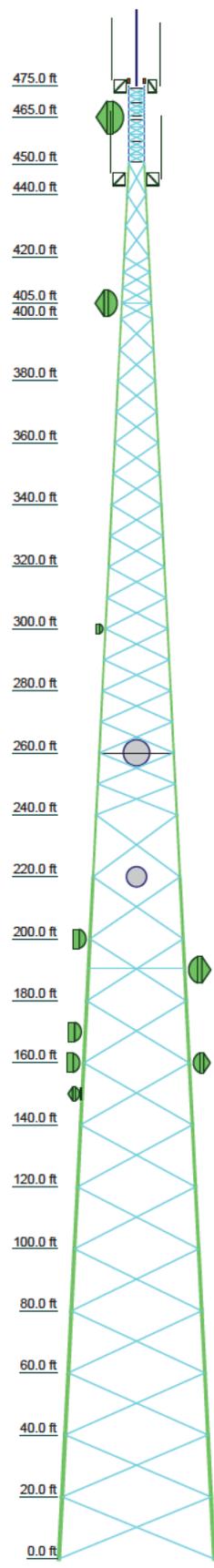
2.2) LOADING CONFIGURATION (FINAL PROPOSED)

| Elevations (ft.) ^{1,2} | | Qty. | Antenna Description/Model | Mount Type | Coax/Feedlines | | | Carrier | Notes |
|---------------------------------|---------|------|-----------------------------------|------------|----------------|-------------|-----------|---------|-----------------|
| Mount | Antenna | | | | Qty. | Size | Location | | |
| 475.00 | 475.00 | 1 | Beacon | --- | 1 | 0.38" Cord | T-Bracket | --- | Existing |
| 475.00 | 475.00 | 1 | Staticat | --- | | | | | |
| 475.00 | 475.00 | 1 | 25' Lightning Rod Ext. | --- | | | | | |
| 475.00 | 475.00 | 2 | DS7C12P36U-D | Side Arm | 2 | 1-5/8" Coax | T-Bracket | --- | <i>Proposed</i> |
| 475.00 | 475.00 | 1 | DB812KE-XT | Side Arm | 1 | 1-5/8" Coax | T-Bracket | --- | Future |
| 465.00 | 465.00 | 1 | Andrew PL10-59D w/radome (240°) | Pipe Mount | 1 | EW63 | T-Bracket | --- | Existing |
| 445.00 | 445.00 | 1 | DS7C12P36U-D | Side Arm | 1 | 1-5/8" Coax | T-Bracket | --- | <i>Proposed</i> |
| 445.00 | 445.00 | 1 | DB812KE-XT | Side Arm | 1 | 1-5/8" Coax | T-Bracket | --- | Future |
| 445.00 | 445.00 | 1 | T*TA 440 | Side Arm | 1 | 1/2" Coax | T-Bracket | --- | <i>Proposed</i> |
| 405.00 | 405.00 | 1 | Andrew PL8-59D w/radome (240°) | Pipe Mount | 1 | EW63 | T-Bracket | --- | Existing |
| 300.00 | 300.00 | 1 | Radiowaves HPD3-4.7 (281) | Dish Mount | 2 | 7/8" Coax | T-Bracket | --- | <i>Existing</i> |
| 260.00 | 260.00 | 1 | Andrew PL8-59D w/radome (351°) | Pipe Mount | 1 | EW63 | T-Bracket | --- | Existing |
| 220.00 | 220.00 | 1 | Andrew PL6-59D w/radome (351°) | Pipe Mount | 1 | EW63 | T-Bracket | --- | Existing |
| 200.00 | 200.00 | 1 | VHLP6-6W 6' solid w/radome (280) | Dish Mount | 1 | EW52 | T-Bracket | --- | Existing |
| 190.00 | 190.00 | 1 | Andrew PL8-59D w/radome (98°) | Pipe Mount | 1 | EW63 | T-Bracket | --- | <i>Existing</i> |
| 170.00 | 170.00 | 1 | VHLP6-6W 6' solid w/radome (280) | Dish Mount | 1 | EW52 | T-Bracket | --- | Existing |
| 160.00 | 160.00 | 1 | Andrew PL6-59D w/radome (98°) | Pipe Mount | 1 | EW63 | T-Bracket | --- | Existing |
| 160.00 | 160.00 | 1 | VHLP6-6W (TR) AZ (293.74°) | Pipe Mount | 1 | EW63 | T-Bracket | --- | Proposed |
| 150.00 | 150.00 | 1 | RFS SU4-103A w/radome (276) | Pipe Mount | 1 | EW90 | T-Bracket | --- | <i>Existing</i> |

Notes:

1. Elevations listed are measured to the centerline of the antenna and mounts unless noted otherwise.
2. Omni or Whip style antennas elevations listed are to the base of the antenna unless noted otherwise.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|-------------------|------|------|------|------|------|------|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|
| Section | T1 | T2 | T3 | T4 | T5 | T6 | T7 | T8 | T9 | T10 | T11 | T12 | T13 | T14 | T15 | T16 | T17 | T18 | T19 | T20 | T21 | T22 | T23 | T24 | T25 | T26 | |
| Legs | SR 1 3/4 | A | B | C | D | E | F | G | H | I | J | | | | | | | | | | | | | | | | |
| Leg Grade | L2 1/2x2 1/2x3/16 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagonals | L3 1/2x3 1/2x5/16 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagonal Grade | A572-50 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Top Girts | L4x4x3/8 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mid Girts | N.A. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bottom Girts | N.A. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Horizontals | N.A. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sec. Horizontals | N.A. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Face Width (ft) | 50 | 48 | 46 | 44 | 42 | 40 | 38 | 36 | 34 | 32 | 30 | 28 | 26 | 24 | 22 | 20 | 18 | 16 | 14 | 12 | 10.5 | 8 | 6 | 5 | | | |
| # Panels @ (ft) | 176.0 | 16.2 | 15.9 | 14.1 | 13.9 | 13.6 | 12.6 | 9.5 | 8.6 | 8.5 | 10.0 | 7.8 | 6.1 | 6.6 | 6.7 | 4.3 | 4.2 | 3.9 | 2.6 | 2.5 | 2.2 | 0.7 | 1.7 | 2.1 | 1.1 | 1.0 | 0.7 |
| Weight (K) | | | | | | | | | | | | | | | | | | | | | | | | | | | |



SYMBOL LIST

| MARK | SIZE | MARK | SIZE |
|------|---|------|--------------------------------------|
| A | #12 - 1.25" - 1.00" conn. (Pirod 105244) | I | #18 - 2.75" (Pirod 112744) |
| B | #12 - 1.25" - 1.00" conn. (Pirod 105216) | J | #18 - 3.25" BASE ONLY (Pirod 114683) |
| C | #12 - 1.50" - 1.00" conn. (Pirod 105217) | K | L2x2x3/16 |
| D | #12 - 1.75" - 1.25" conn. (Pirod 105218) | L | SR 7/8 |
| E | #12 - 1.75" - 1.25" conn. (Pirod 105636) | M | 2L3 1/2x3 1/2x5/16 |
| F | #12 - 2.00" - 1.25" conn. (Pirod 105219) | N | 4 @ 2.25 |
| G | #12 - 2.25" - 1.25" conn. (Pirod 105220) | O | 7 @ 2.2778 |
| H | #18 - 2.25" (Pirod 112742) | | |

MATERIAL STRENGTH

| GRADE | Fy | Fu | GRADE | Fy | Fu |
|---------|--------|--------|-------|--------|--------|
| A572-50 | 50 ksi | 65 ksi | A36 | 36 ksi | 58 ksi |

TOWER DESIGN NOTES

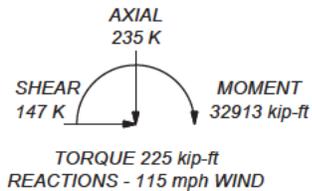
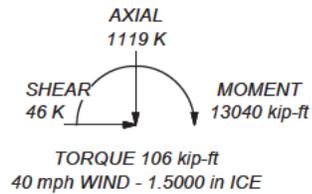
1. Tower is located in Calhoun County, Michigan.
2. Tower designed for Exposure C to the TIA-222-G Standard.
3. Tower designed for a 115 mph basic wind in accordance with the TIA-222-G Standard.
4. Tower is also designed for a 40 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category III and IV.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 104.9%

ALL REACTIONS ARE FACTORED

MAX. CORNER REACTIONS AT BASE:

DOWN: 838 K
SHEAR: 96 K

UPLIFT: -669 K
SHEAR: 78 K



| | | | |
|--|--|-----------------------|----------------------------------|
|  WE BUILD TOWERS | Mission 1 Communications 592 West Perry Road Ligonier, IN 46767 Phone: (800) 377-2929 FAX: (800) 377-2929 | | Job: Battle Creek (#5704) |
| | Project: Pirod U - 50.0 x 475' A-114162 | Client: MPSCS | Drawn by: fwehr |
| | Code: TIA-222-G | Date: 07/29/24 | Scale: NTS |
| | | Path: | Dwg No. E-1 |