



**Missouri 911 Service Board - Financial Assistance Program
Winter 2020 Grant/Loan Cycle Individual Application**

Applicant (County)	Macon County
Elected Emergency Services Board, if applicable	Macon County Enhanced 911 Board
Lead 911 Entity	Macon County Enhanced 911 Board
	Has the organization has completed the MO 911 Service Board's most recent Annual PSAP Survey [check yes or no] X Yes <input type="checkbox"/> No <i>(If not, please complete the latest survey found here to be eligible to apply for this grant https://www.missouri911.org/psaps)</i>
Project Title	Phase 3 of Interconnecting Macon and NECOMM PSAPs
Project Pricing	Pricing was from single source vendor with state contract. No final offer has been requested.

PROPOSAL NARRATIVE

1. Names and Primary Contact Information

County Contact Information	Alan Wyatt Presiding Commissioner 101 E Washington St, Macon Mo 63552 660-385-2913 Macon.presiding@gmail.com
	<input type="checkbox"/> <i>Check here if you would like for this person to serve as the project lead/primary contact and serve primary contact for ongoing communication with the board.</i>

Elected Emergency Services Board, if applicable	Macon County Enhanced 911 Board James Wilson, President 1205 N Missouri St, Macon Mo. 63552 660-651-7867 Wilson208@yahoo.com
	<input type="checkbox"/> Check here if you would like for this person to serve as the project lead/primary contact for ongoing communication with the board.
Contact from Lead 911 Entity, if not already listed)	Macon County Enhanced 911 Michael Kindle, Director 1205 N Missouri St, Macon Mo. 63552 660-385-1911 opt 2
	X Check here if you would like for this person to serve as the project lead/primary contact and serve primary contact for ongoing communication with the board.
Other Contacts	

2. Jurisdiction Information

Number of PSAPs in the applicant's county or if you are in Sikeston or the City of St. Louis, in your city	One
Number of constituents served by the project	Upon completion 59,715
Describe your service area	We currently serve Macon and Knox Counties on a daily basis, with a total population of 19,100. By installing this new equipment, we will have the ability to continue to serve Macon and Knox counties, and add Lewis, Ralls and Marion Counties for a total of 59,715 during any backup incident or disaster that overwhelms one of the PSAPs

Service Level	<p>Applicant's current service level</p> <p>Please check one:</p> <p><input type="checkbox"/> Basic (No 911)</p> <p><input type="checkbox"/> Enhanced (Only Wireline)</p> <p><input type="checkbox"/> Phase I (Wireless number only)</p> <p><input type="checkbox"/> Start Phase II</p> <p>X Phase II (Latitude/Longitude)</p>	<p>Applicant's service level upon project completion</p> <p>Please check one:</p> <p><input type="checkbox"/> Basic (No 911)</p> <p><input type="checkbox"/> Enhanced (Only Wireline)</p> <p><input type="checkbox"/> Phase I (Wireless number only)</p> <p><input type="checkbox"/> Start Phase II</p> <p>X Phase II (Latitude/Longitude)</p>
Text-to-911	<p>Does applicant currently have text-to-911?</p> <p>X Yes, currently have text-to-911</p> <p><input type="checkbox"/> No</p>	<p>Will applicant have text-to-911 upon project completion?</p> <p>X Yes, will add text-to-911, or already implemented</p> <p><input type="checkbox"/> No</p>
NG911 Compatibility	<p>Is applicant's equipment currently NG911 compatible and meet the NENA i3 Solution Standard for Emergency Services IP Network?</p> <p>X Yes, currently NG911 compatible/meets NENA i3 standard for ESInet</p> <p><input type="checkbox"/> No</p>	<p>Will all equipment for the proposed project be NG911 compatible and meet the NENA i3 Standard for Emergency Services IP Network at the completion of the project?</p> <p>X Yes, will become NG911 compatible/meet NENA i3 standard for ESInet or already is compatible/meets standards</p> <p><input type="checkbox"/> No</p>
Emergency Medical Dispatch (EMD)	<p>Does applicant currently use emergency medical dispatch services, including prearrival medical instructions?</p> <p>X Yes, currently have EMD implemented</p> <p><input type="checkbox"/> No</p>	<p>Will emergency medical dispatch services, including prearrival medical instructions be implemented upon project completion?</p> <p>X Yes, will implement EMD, or already implemented</p> <p><input type="checkbox"/> No</p>

Mapping/Addressing	<p>Does applicant currently have mapping and addressing of all county locations?</p> <p><input checked="" type="checkbox"/> Yes, currently have mapping and addressing of county locations and it does meet NENA GIS Standards</p> <p><input type="checkbox"/> Yes, currently have mapping and addressing of county locations but it does not meet NENA GIS Standards</p> <p><input type="checkbox"/> No</p>	<p>Will applicant have mapping and addressing of all county locations upon project completion?</p> <p><input type="checkbox"/> Yes, will implement mapping and addressing of all county locations that meet NENA GIS Standards</p> <p><input checked="" type="checkbox"/> N/A, already implemented</p> <p><input type="checkbox"/> No</p>
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3. Funding Request Detail

Total Amount of Funding Requested	\$94,853.40
Preference for Grant or Loan	<p>Please check one:</p> <p><input checked="" type="checkbox"/> Grant</p> <p><input type="checkbox"/> Loan</p> <p><input type="checkbox"/> Combination - [Insert Amount] Grant; [Insert Amount] Loan</p>
Total Project Amount	\$94,853.40

4. Funding Objectives

Indicate the statutory purposes to be addressed by the 911 communications service project described in the application	<p>Please check all that apply:</p> <p><input type="checkbox"/> Implementation of 911 services in counties of the state where services do not exist</p> <p><input checked="" type="checkbox"/> Improve existing 911 systems</p>
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	<p>X Promotion of consolidation of PSAPs, where appropriate</p> <p><input type="checkbox"/> Mapping and addressing all county locations</p> <p><input type="checkbox"/> Ensuring primary access and texting abilities to 911 services for disabled residents</p> <p><input type="checkbox"/> Implementation of initial emergency medical dispatch services, including prearrival medical instructions, in counties where those services are not offered as of the date of the application</p> <p><input type="checkbox"/> Development and implementation of an emergency services internet protocol network that can be shared by all public safety agencies.</p>
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4. Personnel Information

<p>Provide name and title of key personnel performing work on the project, or a job description for vacant positions.</p>	<p>Michael Kindle, Director</p>
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5. Approach to Service:

<p>Provide a summary of the activities to occur, including a workplan, timeline (that identifies activities start and completion dates) & key personnel responsible</p>	<p>(This is the third phase of multi-phase implementation project to consolidate back room equipment and provide complete backup services between two PSAPS) Purchase 3 new dispatch consoles that will connect to the PSAP's existing radio network in Macon and Knox Counties, and interconnect the 3 new consoles to NECOMMS's radio systems, including Ralls, Marion, and Lewis Counties. Interconnect NECOMM's existing consoles to the Macon and Knox County radio network. Equipment will be ordered if the grant is approved in March of 2021 with a scheduled completion of September 2021. Michael Kindle will be in charge of the project.</p>
<p>Award Priority Areas to be achieved by the project</p>	<p>Please check and describe all that apply:</p> <p><input type="checkbox"/> Include one or more public safety answering points ("PSAPs") located in a jurisdiction with a 911 service level of basic (defined by the Board to mean "No 911 equipment")</p>

- If this applies, please list all participating PSAPS:

X Consolidate two or more PSAPs

- This project will connect Macon County 911 and NECOMM's backroom equipment for critical backup. This will allow connectivity from each dispatchers' consoles from both agencies, to all radios in the coverage area for the following counties: Macon, Knox, Lewis, Ralls and Marion. This will provide complete backup between agencies, giving the 911 dispatcher the ability to radio dispatch units in any of the 5 counties that they may answer a 911 call for. It also will allow dispatchers to assist with or take over radio traffic if an agency is overloaded. This is the third phase of the project. Phase 1 and 2 were to install new NG911 equipment and interconnect the NG911 telephone systems together for virtual consolidation and backup of the phone systems. This project allows for virtual consolidation and backup dispatch for the radio networks in the areas covered.

- Consolidate 911 services within or across defined regions;
 - Please describe how your project addresses this award area:

- Move one or more PSAPs up one or more service levels;
 - Please describe how your project addresses this award area:

- Meet the NENA i3 Solution Standard for Emergency Services IP Network;
 - Please describe how your project addresses this award area:

- Become NG9-1-1 compatible;
 - Please describe how your project addresses this award area:

X Include purchasing 911 communications equipment, that are currently non-existent (versus replacement of existing 911 communications equipment);

- Install necessary radio console and backroom equipment to allow connectivity to our own radio network as well as interconnect with NECOMM's radio network. This project will

	<p>also allow interconnectivity from NECOMM to our radio network through the new backroom equipment</p> <p><input type="checkbox"/> Add Text-to-911 (defined as the ability to send a text message to reach 911 emergency call takers from a mobile phone or device).</p> <p>- Please describe how your project addresses this award area:</p>
Report progress and expenditures	<p>Please check below:</p> <p>X The project lead agrees to submit quarterly reports on progress and expenditures to the Board and a final reconciliation no later than thirty (30) calendar days after project completion</p>
Sustainability	<p>Provide a brief description of how activities in the funded project will be able to be sustained by the applicants and their 911 Service Authorities beyond the life of the grant or loan being requested:</p> <p>Macon County Enhanced 911 is funded through a local sales tax, and by service agreement contract with the Knox County Commission. The receipts from these funding sources will be used to sustain the equipment and provide service contracts.</p>

7. Written Signature and Certification

<p>All applications must include an attachment for written signatures and certifications. This can be found under "<u>Attachment 1 – Written Signature and Certification</u>" on the Board's website :</p> <p>County Commission, or if you are Sikeston or the City of St. Louis, your city governing body</p> <p>If applicable, your county's Elected Emergency Services Board. This applies to counties with a county-level sales tax dedicated to 911, pursuant to 190.335 RSMo or 190.292.</p>	<p>Please check below:</p> <p>X I have completed Attachment 1-Written Signature and Certification found on the Missouri 911 Service Board website (https://www.missouri911.org/grants-and-funding-opportunities), including signature from a governing body of my county, and have attached it to or with this application.</p>
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Lead 911 Entity, which will typically be a PSAP, but could also be the county commission or elected emergency services board

TECHNICAL ASSISTANCE REPORT

1. Detailed Budget Proposal & Justification

<p>Capital expenses incurred by the applicants, their 911 Service Authorities or any other source for the purchase of materials, equipment, supplies;</p> <p>Operating expenses incurred by the applicants, their 911 Service Authorities or any other source for – personnel, administration or operations;</p> <p>Training expenses incurred by the applicants, their 911 Service Authorities or any other source for programs, facilities, travel, and trainers;</p> <p>Other Direct Costs incurred by the applicants, their 911 Service Authorities or other sources for the funded project.</p>	<p>MAX dispatch with workstations and back room equipment (detailed quote attached) \$94,853.40</p> <p>Please note that the attached vendor's quote includes a 5 year service contract for \$21,000 which has been removed from the amount requested in our application</p>
<p>Attachments:</p>	<p>Please describe any attachments you have included with the technical assistance for this application:</p> <ul style="list-style-type: none">- Detailed price quote with breakdown of components

2. Financial Records

<p>Financial Records and other documents demonstrating that the applicants, through their 911 Service Authorities or otherwise, are capable of operating and maintaining ongoing 911 services after project completion.</p>	<p>Please name and describe any attached financial records:</p> <ul style="list-style-type: none"> - Operating budget
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3. For Loan Applications Only

<p>For loan applications only, financial records and other documents or information demonstrating that the applicants and their 911 Service Authorities are able to provide at least 50% of the funding for the project.</p>	<p>Please describe any attachments you have included with this application:</p> <ul style="list-style-type: none"> - N/A
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CHECKLIST:

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- Completed Application
 - Attachment 1: Written Signature and Certification
 - Financial Records Demonstrating Sustainability (PSAP Budget, etc.)
 - If applicable, MOUs with joint, or multi applicant projects

Missouri 911 Service Board Financial Assistance Program

SIGNATURES AND CERTIFICATIONS

WHEREAS, § 650.330, RSMo Supp. 2019, requires the Missouri 911 Service Board to administer and authorize grants and loans from the Missouri 911 Service Trust Fund under § 650.335, RSMo Supp. 2018 to provide funding for 911 communications service projects of certain counties and cities;

WHEREAS, § 650.335, RSMo Supp. 2018, provides that the purpose of grants and loans from the Missouri 911 Service Trust Fund shall include implementation of 911 services in counties of the state where services do not exist or to improve existing 911 systems; promotion of consolidation where appropriate; mapping and addressing all county locations; ensuring primary access and texting abilities to 911 services for disabled residents; implementation of initial emergency medical dispatch services, including prearrival medical instructions in counties where those services are not offered as of July 1, 2019; and development and implementation of an emergency services internet protocol network that can be shared by all public safety agencies;

WHEREAS, the Missouri 911 Service Board has established a 911 Financial Assistance Program and set an application window of November 23, 2020 – January 15, 2021 during which eligible counties and cities may submit applications prepared by their 911 services authorities to request grants and/or loans to finance costs incurred by them and their 911 services authorities for 911 communications service projects;

WHEREAS, Macon County is eligible to submit an application to the Missouri 911 Service Board for funding of a 911 communications service project;

WHEREAS, the Macon County Enhanced 911 Board has prepared this application, to the Missouri 911 Service Board for Macon County;

WHEREAS, Macon County propose(s) to submit the attached application to the Missouri 911 Service Board for the 911 communications project described therein to install radio consoles effecting Macon and Knox Counties, and connecting NECOMM (Lewis, Ralls, and Marion Counties);

WHEREAS, the proposed project has a budgeted cost of \$94,853.40 and requested a Grant in the amount of \$94,853.40 from the Missouri 911 Service Trust Fund;

WHEREAS, the project application must include a written certification from the governing body of an applicant city or county approving the applicant city or county entering into a project agreement with the Missouri 911 Service Board if the application is approved; and

WHEREAS, the Macon County does have areas of need which may be addressed through the Missouri 911 Service Board's 911 Financial Assistance Program and the 911 communications project proposed in the attached application.

NOW, THEREFORE, BE IT RESOLVED by the County Commission of Macon County, Missouri, that it approves Macon County submitting the attached application to and entering into a project agreement with the Missouri 911 Service Board if the application is approved.

WHEREAS, Macon County authorize the Board to transmit funds to its county treasury, or if the county has an elected emergency services board established pursuant to 190.335 RSMo or 190.292 RSMo, its elected services board, all portions of financial assistance from the Fund for costs to be incurred by Macon County Enhanced 911 Board in implementing the project;

WHEREAS, Macon County and the Macon County Enhanced 911 Board certify that any financial assistance obtained from the fund will be expended only for purposes specified in the approved application or the project agreement and allowed by law.

WHEREAS, if applicable the Macon County Enhanced 911 Board certifies that it, on behalf of its applicant, will repay any portion of a loan that is transmitted directly to it by the Board for costs incurred in implementing the project, with interest as required by the Board, and will annually budget an amount sufficient to make any payments required by the Board under section 650.335, RSMo.

ACCEPTANCE OF TERMS AND CONDITIONS.

This Agreement is to be signed by an authorized signatory of each 911 Services Authority and Applicant on the Application certifying that each agrees to comply with all the terms and conditions of the award and Agreement specified above.

The above terms and conditions of the grant are hereby accepted and agreed to as of the date specified.

Applicant: Macon County

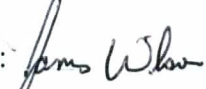
Signatory: Alan Wyatt, Presiding Commissioner

Signature: 

Date: 12-7-20

Macon County Enhanced 911 Board

Signatory: James Wilson, President

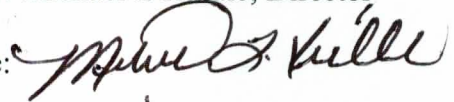
Signature: 

Date: 12-3-20

ACCEPTANCE OF TERMS AND CONDITIONS(cont)

Macon County Enhanced 911

Signatory: Michael L Kindle, Director

Signature: 

Date: 12/03/2020

A & W COMMUNICATIONS, INC.

100 N. Main Street
 P O Box 66
 EOLIA, MO 63344

Voice: 800-530-5763
 Fax: 573-485-2350

QUOTATION

Quote Number: 9548
 Quote Date: Sep 25, 2020
 Page: 1

Quoted To:
 MACON CO E-911
 1205 N. MISSOURI STREET
 MACON, MO 63552

1205 N. MISSOURI STREET
 MACON, MO 63552

Customer ID	Good Thru	Payment Terms	Sales Rep	
MACONCOE911	10/25/20	Net 30 Days	CANNON	
Quantity	Item	Description	Unit Price	Amount
3.00	ZET-9050380	MAX DISPATCH MAX WORK STATION BUNDLE INCLUDES WORKSTATION PC, 1 MEDIA DOCK, 2 SPEAKERS & POWER SUPPLY AND LICENSE	9,180.00	27,540.00
3.00	ZET-9300226	AUX I/O SOFTWARE FEATURE SET	1,376.00	4,128.00
3.00	ZET-9300224	TONE SIGNALING/PAGING FEATURE	1,376.00	4,128.00
3.00	ZET-9300225	EVENT REPLAY	1,553.60	4,660.80
3.00	ZET-9501077	DUAL PRONG HEADSET JACKBOX, DUAL VOL. CONTROL	774.40	2,323.20
3.00	ZET-9019731	DESKTOP MIC XLR WITH 6' RJ45 TO RJ45 CABLE	704.00	2,112.00
3.00	ZET-9509102	FOOTSWITCH	111.20	333.60
3.00	ZET-7090170-10	10 FT SHIELDED CAT 5e CABLE FOR SPEAKERS	19.00	57.00
6.00	ZET-9019677	MAX RADIO GATEWAY CONVENTIONAL (RJ21) HARDWARE	2,292.80	13,756.80
6.00	ZET-7090167-10	25 PR CABLE (10 FT)	51.20	307.20
3.00	ZET-9509351	CONNECTORIZED PUNCH DOWN BLOCKS	101.00	303.00
1.00	ZET-9509199	PUNCH DOWN BLOCK (PROTECTED)	815.20	815.20
1.00	ZET-9019693	MAX MSB RADIO GATEWAY HARDWARE	2,292.80	2,292.80
2.00	ZET-7098005-20	MAX TO XTL-5000 CABLE- 20FT	112.00	224.00
2.00	ZET-9300278	MOTOROLA APX 7500 INTERFACE LICENSE	281.60	563.20
2.00	ZET-9019715	MAX CENTRAL, HARDWARE PLATFORM THAT HOSTS THE MAX MANAGER, TELEPHONY GATEWAY, IP VOICE LOGGER GATEWAY, AND AUX I/O GATEWAY, INCLUDES CABLES	2,937.60	5,875.20
2.00	ZET-9300231	Z-NODE MANAGER	2,847.20	5,694.40
2.00	ZET-9300221	BLOCK OF 10 RADIO CHANNEL LICENSES	569.60	1,139.20
1.00	ZET-9501142	REDUNDANT 12VDC POWER SYSTEM-UP TO 20 DEVICES	2,292.80	2,292.80
1.00	ZET-9501134	12VDC POWER DISTRIBUTION PANEL	514.00	514.00

Please add 4% convenience fee to
 quotes paid using a credit card. Thank
 You!

Subtotal	Continued
Sales Tax	Continued
Freight	
TOTAL	Continued

A & W COMMUNICATIONS, INC.

100 N. Main Street
 P O Box 66
 EOLIA, MO 63344

Voice: 800-530-5763
 Fax: 573-485-2350

QUOTATION

Quote Number: 9548
 Quote Date: Sep 25, 2020
 Page: 2

Quoted To:
 MACON CO E-911
 1205 N. MISSOURI STREET
 MACON, MO 63552

1205 N. MISSOURI STREET
 MACON, MO 63552

Customer ID		Good Thru	Payment Terms	Sales Rep	
MACONCOE911		10/25/20	Net 30 Days	CANNON	
Quantity	Item	Description		Unit Price	Amount
15.00	ZET-4160043	3 AMP FUSE, 504-GMT-3		6.00	90.00
5.00	ZET-9500588	DUAL UNIT RACK MOUNT OPTION		155.20	776.00
3.00	ZET-8022311	MONITOR, LCD FLATPANEL 23 INCH		309.00	927.00
1.00	MIII- C2RR196323LG1	LOCKING CABINET WITH FAN *****		2,000.00	2,000.00
1.00	ZET-XMP-0344-BAS	1 YEAR SOFTWARE SERVICES, 1 YEARS HARDWARE SERVICES, 1 YEAR OF ADVANCE HARDWARE REPLACEMENT, OPERATOR WEB TRAINING(2-4 HR SESSIONS)			
4.00	ZET-XMP-0344-EBS	MAX-PSP EXTENDED SERVICE PLAN, SOFTWARE AND HARDWARE PER YEAR(TOTAL OF 5 YEARS WITH 1ST YEAR AT NO CHARGE) *****		5,250.00	21,000.00
1.00	LABOR-ON SITE	LABOR ON SITE TO INSTALL THE ABOVE EQUIPMENT		12,000.00	12,000.00

Please add 4% convenience fee to quotes paid using a credit card. Thank You!

Subtotal	115,853.40
Sales Tax	
Freight	
TOTAL	115,853.40

-21,000.00
94,853.40

Macon County Enhanced 9-1-1
2020 Budget

Summary of Available Resources, Estimated Revenues and
Appropriations for 2020 Expenditures, and Estimated Ending
Balance

1. Cash Available, December 31, 2019	190,436
(a) Less Outstanding Warrants	0
2. Net Cash Available, December 31, 2019	190,436
3. Estimated revenues for 2020	698,043
4. Subtotal	888,479
5. Deduct appropriations for 2020	-698,043
6. Estimated ending cash balance, December 31, 2020	190,436
7. Other Net Resources Available	0
8. Estimated ending balance, December 31, 2020	190,436

CASH RECONCILIATION

Cash Available December 31, 2018	149,666
Revenues - 2019	674,116
Expenditures - 2019	-633,647
Adjustments:	
Other - Cash to Accrual	289
Cash Available December 31, 2019	190,424

Macon County Enhanced 9-1-1
 2020 Budget
 Estimated Revenues by Classification

	2018		2019 Actual		2020 Approved
TAX REVENUES					
SALES TAX	562,663		603,652		618,743
TOTAL	562,663		603,652		618,743

OTHER REVENUES					
INTEREST INCOME	79		864		800
MISCELLANEOUS REVENUES	1,877		256		1,500
ENHANCED 911 ACT GRANT	0		0		0
MULES Services	4,100		2,100		2,100
KNOX COUNTY CONTRACT	60,317		65,492		72,400
WIRELESS PREPAID SERVICES	0		1,752		2,500
TOTAL	66,373		70,464		79,300

GRAND TOTAL REVENUES	629,036		674,116		698,043
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MACON COUNTY ENHANCED 9-1-1
 2020 BUDGET-EXPENDITURES\APPROPRIATIONS

	2018 Actual	2019 Actual	2019 Approved	2020 Approved
1. SALARIES				
Payroll	395,294	408,614	402,000	402,000
Payroll Taxes	28,684	29,494	30,753	30,753
Health Ins	77,491	73,389	85,100	107,000
Workers Comp	746	1,214	1,000	1,250
Unemployment	0	0	500	500
TOTAL	502,215	512,711	519,353	541,503

2. OFFICE EXPENDITURES				
Office Equip/Supp	12,230	15,585	13,500	15,000
Rent	3,000	3,000	3,000	3,000
Legal Fees	379	0	150	150
TOTAL	15,609	18,585	16,650	18,150

3. EQUIPMENT				
Radio	34,073	31,079	35,000	35,000
CAD	6,218	6,530	6,300	6,600
Mapping	3,990	3,990	5,000	5,000
MULES	1,037	1,214	1,400	1,400
Misc	943	590	1,000	1,000
9-1-1 Phone Sys	34,893	51,961	35,000	47,000
Voice Logger				13,000
TOTAL	81,154	95,364	83,700	109,000

4. MILEAGE AND TRAINING				
Mileage	412	111	600	300
Training/Meals	573	2,931	1,500	2,000
TOTAL	985	3,042	2,100	2,300

5. OTHER				
Ads	40	36	0	80
Replacement Fund	0	0	20,118	19,510
Liability Ins	2,717	2,826	3,000	3,000
Uniforms	616	1,083	1,000	1,000
Election Fund	0	0	0	3,500
TOTAL	3,373	3,945	24,118	27,090

TOTAL EXPENDITURES	603,336	633,647	645,921	698,043
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