

Approved 2/5/88

Date

MINUTES OF THE SENATE COMMITTEE ON TRANSPORTATION AND UTILITIES

The meeting was called to order by Sen. Bill Morris at
Chairperson

9:00 a.m./~~p.m.~~ on February 4, 1988 in room 254-E of the Capitol.

All members were present except:

Sen. Doyen was excused.

Committee staff present:

Hank Avila, Legislative Research Department
Ben Barrett, Legislative Research Department
Bruce Kinzie, Revisor of Statutes
Louise Cunningham, Committee Secretary

Conferees appearing before the committee:

B.J. Pattee, Director of Special Projects, KU Alumni Association
Sen. P. Burke
Harley Duncan, Secretary, Department of Revenue
Lt. Bill Jacobs, Kansas Highway Patrol
Kenneth M. Duckworth, Director, Wichita-Sedgwick County Department of
Emergency Communications.
Tom Pollan, Interim Director of the Sedgwick County Emergency Medical
Service
Lt. Charles W. Chiles, Computer Coordinator, Topeka Police Department
Dr. Arnold E. Levenson, Manhattan, Big Lakes Regional Council

Hearing on S.B. 541 - Concerning the issuance of license plates for
alumni organizations.

Sen. Bond said this was a rewrite of S.B. 321. It narrows
the scope to alumni organizations in Kansas.

B.J. Pattee, Director of Special Projects, KU Alumni Association,
said the six state Regents schools are working toward the passage
of this bill. It would help promote higher education in Kansas by
showing a strong and positive endorsement of the importance and regard
for education in this state, it would provide additional revenue
for the state, it would assist with economic development and would
provide a popular incentive for the development of alumni memberships.
A copy of her statement is attached. (Attachment 1).

Sen. Burke said this was a great opportunity to brag about
our universities. The alumni have a great interest in this bill.

Harley Duncan, Secretary, Department of Revenue, said if this
committee were to pass S.B. 312 he would have to have some direction
as to what is non-profit and what is humanitarian. He said with
these plates private groups would be partaking in what is a state
privilege. Also, it is not the purpose for which the license plate
was designed. The state has been trying to minimize the plates and
this is taking a step backwards.

Lt. Bill Jacobs, Kansas Highway Patrol, was concerned about
the multitude of tags out there. This would just be an addition
to them. The designs make them difficult to read and an officer
should be able to read a tag from a distance.

Hearing on S.B. 493 - Emergency telephone services.

Kenneth M. Duckworth, Director, Wichita-Sedgwick County Department

CONTINUATION SHEET

MINUTES OF THE SENATE COMMITTEE ON TRANSPORTATION AND UTILITIES,
room 254-E Statehouse, at 9:00 a.m./p.m. on February 4, 1988

of Emergency Communications, said the City of Wichita and Sedgwick County are proposing to install a Computer Aided Dispatch (CAD) system which would forward the location of each emergency instantly to the different emergency services. It would cut the response time by 45 seconds, which can be the difference between life and death. The additional cost to the average residential telephone consumer would be 14¢ per month, bringing the cost for 911 service to 21¢ in Sedgwick County. A copy of his statement is attached. (Attachment 2).

Tom Pollan, Interim Director of the Sedgwick County Emergency Medical Service, said he has been involved in the emergency system of Wichita for the past twenty years and he said the return on these investments cannot be measured in dollars and cents. Forty-five seconds in response time can mean the difference between life and death. He believes that if the people were polled they would be very supportive of spending \$2.52 per year for the CAD system. A copy of his statement is attached. (Attachment 3).

Lt. Charles W. Chiles, Computer Coordinator, Topeka Police Department, said this system would offer a number of short cuts for handling 911 emergency calls. It is especially helpful when the operator needs to stay on the line, as with hysterical or suicidal callers. The elderly and very young are benefited as they have a rapid link with all emergency services. A copy of his statement is attached. (Attachment 4).

Dr. Arnold E. Levenson, Manhattan, representing the Big Lakes Regional Council, said they support the passage of this bill. They support the intended use of emergency telephone tax for equipment which enhances the emergency telephone system. A copy of his statement is attached. (Attachment 5).

One member of the committee felt the insurance companies should pay for this since they would benefit by lower mortality rates. Another member said there was some duplication of services when volunteer emergency services responded and sometimes the ambulances would pass each other.

On a motion from Sen.Thiessen and a second from Sen. Hayden the Minutes of February 2 and 3 were approved. Motion carried.

Meeting was adjourned at 10:00 a.m.

DATE: 2-4-88

ROOM: 254-E

GUEST REGISTER
SENATE

TRANSPORTATION AND UTILITIES COMMITTEE

NAME	ORGANIZATION	ADDRESS
Dr. Arnold E Levenson	BIBLICALS REGIONAL CL. RILEY COUNTY	3210 DRIFTWOOD MANHATTAN, KS 66502
KENNETH DUCKWORTH	wichita/sedgwick county EMER. COMM	545 N MAIN WICHITA 67203
MARLA HOWARD	CITY OF WICHITA	WICHITA
Connie McGinness	KS Elec. Coop	TOPEKA
B. J. Pattee	U of Ks. Alumni Assoc.	Lawrence
Tom Pollan	SEDIWICK KANS	538 N MAIN
Charles W. Chub	Topeka Police Dept.	204 W 5th Topeka.
Harold B. Jarman	Topeka Division VEHICLES	TOPEKA,
John Skene	" " "	"
Van F. Wolman	Dept. of Revenue	Topeka
H. Dancer	Dept of R	Topeka
Lester Murphy	Kansas Electric Coop	Topeka
Terry Stevens	City of Topeka	TOPEKA.
Tom Whitaker	Ks Motor Carriers Assn	Topeka
LT. BILL JACOBS	KMP	TOPEKA
J. H. Pattee	K.C. Times	Topeka
Jim Gartner	S W BELL TEL	Topeka
HOWARD FERGUSON	UNITED TRANSPORTATION UNION	K.C.
Kelli Martin	Sedgwick Co.	Wichita
John C. Botterby	3M	Topeka
Jerry Conrad	KG & E	"

INFORMATION REGARDING SENATE BILL # _____ (copy attached)

SUBJECT OF BILL: The issuance of special license plates for Alumni associations or organizations of a Kansas public or private post-secondary educational institution.

STATEMENT: The Alumni Associations of the six state Regents schools -- KU, K State, Wichita State, Pittsburgh, Hays, Emporia -- and Washburn, are working cooperatively toward the passage of this bill. The principal objectives are as follows:

- 1)- to help promote higher education in Kansas by offering special alumni license plates for sale to alumni and friends of all public or private institutions of higher education in Kansas. The impact of thousands of motor vehicles displaying alumni license plates would be a strong and positive endorsement of the importance and regard for education in the state of Kansas.
- 2) - to provide additional revenue for the state of Kansas. All revenues from the sale of special alumni license plates at \$40 each would go to the state. The potential for sales to alumni is high, with more than 250,000 alumni of Regents institutions currently residing in the state. Alumni and friends would be eligible to purchase specially-designed plates featuring their school's mascot or other insignia. Each organization would have to guarantee the sale of a minimum of 500 plates in order to qualify. This would produce a minimum revenue of \$140,000 the first year.
- 3) - to assist with the economic development of our state. Anything that helps in student recruitment or encourages support of our educational institutions, or increases state pride, assists with economic development. Higher education in Kansas IS economic development.
- 4) - to provide a popular incentive for the development of alumni memberships for the various organizations. Alumni participation and involvement with their university often precipitates the giving of private gifts that are so essential in enhancing the quality of education provided in Kansas, and indeed the quality of life in Kansas.

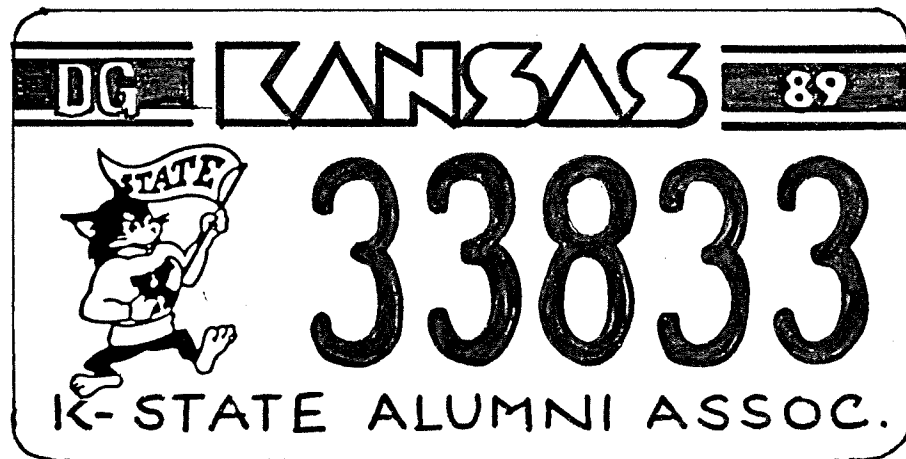
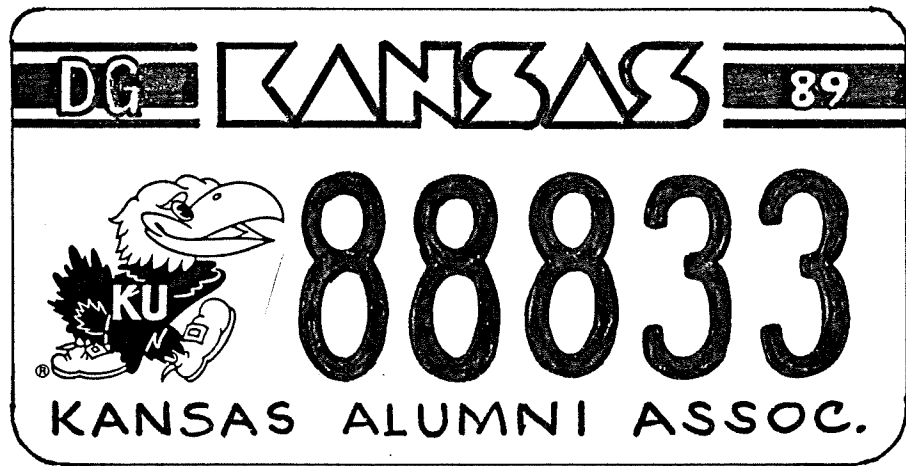
Other states have been successful in promoting successful alumni license plate programs. Most notable is Pennsylvania who in its first two years of issuing special plates for Penn State has sold more than 10,000 plates to Penn Alumni; and a total of 34,000 plates to members of other alumni organizations and special interest groups. The state of New York and Maryland are presently in the process of passing legislation for similar programs.

We urge your support and assistance with this bill. Thank you for your help.

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For more information, write or call:
Mrs. "BJ" Pattee, Director of Special Projects
The University of Kansas Alumni Association
Adams Alumni Center, Lawrence, KS 66045
Phone: 913-864-4760

Atch hnl



WICHITA — SEDGWICK COUNTY



DEPARTMENT OF
EMERGENCY COMMUNICATIONS

BASEMENT — ROOM 6
535 NORTH MAIN
WICHITA, KANSAS 67203
(316) 268-4329

TO: Chairman Bill Morris and Members of the
Transportation and Utilities Committee

FROM: Kenneth M. Duckworth, Director Wichita-Sedgwick
County Department of Emergency Communications

DATE: February 4, 1988

RE: S.B. 493, Emergency Telephone Tax Funds

Dear Chairman Morris and Members of the Transportation and
Utilities Committee:

I am Ken Duckworth, Director of the Wichita-Sedgwick County
Department of Emergency Communications. On behalf of the City of
Wichita and Sedgwick County, I appreciate this opportunity to
testify before you today in support of S.B. 493.

S.B. 493 was introduced by legislators from Sedgwick County
at the request of the City of Wichita. Although K.S.A. 12-5302
authorizes governing bodies to impose an emergency telephone tax
of up to two percent of the tariff rate within the jurisdiction
for which emergency telephone service has been contracted, the
expenditure of funds collected from such a tax is limited by
K.S.A. 12-5304 solely for payment to the service supplier; in our
case, Southwestern Bell.

Sedgwick County currently levies an emergency telephone tax
of seven-tenths of one percent upon all telephone users in the
county. This currently generates approximately \$208,000 per
year. The full two percent tax, if imposed in Sedgwick County,
would generate approximately \$600,000 per year. This tax is
levied on the exchange access only and at the current rate (.07%)
this adds .07 cents per month to the normal residential telephone
bill. If S.B. 493 is approved and Sedgwick County imposes the
full 2% it would cost the normal residential telephone customer
approximately .21 cents per month.

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The City of Wichita and Sedgwick County are proposing to install a Computer Aided Dispatch system, also known as CAD, to serve the 9-1-1 Center. The initial cost for the system is estimated at \$600,000 with annual operating costs of \$20,000. CAD will automate our current manual system. Working with the 9-1-1 automatic location system, CAD will forward the location of each emergency simultaneously to Police, Fire and Emergency Medical Service dispatchers. At the same time, CAD automatically tracks who is on call and available and who is closest to the location for all three services and will immediately provide recommendations to the dispatchers on whom to send on each call. It currently takes us an average of one minute and twenty-five seconds to process each emergency request. CAD is expected to shorten that response time by forty-five seconds, which in emergency situations can literally make the difference between life and death.

The City and County currently anticipates financing the CAD system over a two year period at which time this tax rate would be reduced to the amount necessary to pay the service supplier and maintain the CAD system.

Under the current statutes, there is no authority for either the City or County to recover any portion of the CAD expenditures through the emergency telephone tax. However, we believe such a user fee to be the appropriate method to purchase this equipment. Particularly since the CAD system is an extension of the telephone system and is physically connected thereto.

Within the Southwestern Bell system, Oklahoma, Arkansas and Texas all have more leeway with their emergency tax funds than the State of Kansas currently allows. We did contact Southwestern Bell about this proposed change. Company representatives responded that as Southwestern Bell could not purchase this type of equipment for the 9-1-1 Center because of divestiture regulations, they are agreeable to this amendment so that we can make this purchase.

The City of Wichita and Sedgwick County believe that reducing emergency response time is worthy of this expenditure and request that they be allowed to recover their costs for CAD from the emergency telephone tax funds. We, therefore, respectfully request your consideration and approval of S.B. 493.


Kenneth M. Duckworth
Director
Emergency Communications



TO: Chairman Bill Morris and Members of the
Transportation and Utilities Committee

FROM: Thomas W. Pollan, Interim Director of the
Sedgwick County Emergency Medical Service

DATE: February 4, 1988

RE: S. B. 493 - Emergency Telephone Tax Funds

Dear Chairman Morris and Members of the transportation and Utilities Committee:

My presence before this committee today is to represent the Emergency Medical Service of Sedgwick County and its interest in the proposed Senate Bill 493. I appreciate this opportunity to testify before you today.

The Emergency Medical Service (EMS) in Sedgwick County is an advanced, energetic system that is one of the finest in existence today on either a state or national level. Although the Sedgwick County EMS is only one facet of the county-wide emergency medical service system, it represents the largest provider of pre-hospital Advanced Life Support (ALS) care in the State. In 1986, we responded to over 25,000 ambulance calls, over 20% of the total call volume of the state of Kansas, with an average response time of under six minutes. Since 1977, this service has maintained an average of 1 out of 4 cardiac arrest victims in the field being delivered to a medical facility with a viable heart rhythm producing a pulse. This "Field Resuscitation Rate," is second to none in the nation. The success of this service is directly linked to support from state and local elected officials and the establishment of county-wide services: E911 phone system and centralized emergency communication; first response program provided by local fire departments; volunteer ambulance services; area hospitals and the Sedgwick County Advanced Life Support service that responds to all calls regardless of location or the ability of the patient to pay.

Having been involved in the emergency system of Wichita and Sedgwick County for the past twenty years, I have witnessed the investment of tax dollars to ensure that the finest equipment and training would be available to the Department of Emergency Commu-

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nication and the Emergency Medical Service. The return on these investments cannot be measured in dollars and cents. However, I am very cognizant of the concerns of our citizens on increasing taxation, especially the elderly on fixed incomes.

In reviewing the Sedgwick County cardiac arrests statistics attached, it is apparent that the segment of the population with the greatest risk of suffering a cardiac arrest is between the ages of 70 and 79 and those individuals over 50 represented three quarters of the cardiac arrests victims our service responded to. Additionally, when I separated the successful and the unsuccessful resuscitations, the average response time was 30 seconds less on those that were successful. It is projected that the Computer Aided Dispatch (CAD) system could shorten response times by 45 seconds, to the cardiac arrest victim this will make a difference. I believe that if we could poll the citizens that have dialed 911 and utilized the EMS system provided in Sedgwick County, they would be very supportive of investing \$2.52 per year to enhance the emergency communications center and the EMS system with Computer Aided Dispatching.

In summary, I respectfully submit that by allowing the use of the emergency telephone tax to offset expenditures for the CAD system, you will have made a significant impact on the mortality and morbidity of citizens stricken with an acute illness or injuries. Thank you for your time and your interest on what I consider to be a matter of public health and safety.

CODE BLUE STATS 1987

TOTAL CODE BLUES 519
 FIELD SAVES 99
 CLINICAL SAVES 25
 TOTAL SAVES 124 = 24% SAVE RATE

AVERAGE SCENE TIME FOR ALL CODE BLUES = 22 MINUTES

CODE BLUES BY INITIAL RHYTHM

RHYTHM	TOTALS/YR	% OF TOTAL BLUES	SAVES/YR	SAVE RATE
COARSE FIB	100	19%	35	35%
FINE FIB	24	5%	5	21%
TOTAL V-FIBS	124	24%	40	32%
ASYSTOLE	225	43%	18	8%
EMD	119	23%	32	27%
V TACH	5	1%	2	40%
OTHERS	40	8%	32	80%

BY AGE	TOTALS/YR	% OF TOTAL BLUES	SAVES/YR	SAVE RATE
0-10	22	5%	4	18%
11-19	12	2%	1	8%
20-29	29	6%	8	23%
30-30	39	7%	6	15%
40-49	35	8%	10	28%
50-59	61	12%	5	8%
60-69	108	21%	37	34%
70-79	117	22%	24	21%
80-89	72	14%	24	33%
90 & UP	22	5%	5	22%
UNKNOWN	3	.06%	0	0%



The National Computer Aided Dispatch Consortium

Executive Committee

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SENATE TRANSPORTATION & UTILITIES COMMITTEE

FEBRUARY 4, 1988

TESTIMONY GIVEN BY:

LT. CHARLES W. CHILES
COMPUTER COORDINATOR
TOPEKA POLICE DEPARTMENT
204 W.5TH
TOPEKA, KS 66603

I appear before you today to testify on behalf of Senate Bill #493. I am presently the Computer Coordinator for the Topeka Police Department and sit on the National Computer Aided Dispatch Consortium Board, of which I chair the 911 Committee. My present position at the Topeka Police Department is to install a Computer Aided Dispatch System and interface 911 into that system.

I have had several meetings with AT&T 911 authorities; in Chicago, Minneapolis, and Denver along with working closely with 911 representatives of Southwestern Bell both here and in St. Louis.

CAD, "Computer Aided Dispatching" is an on-line, real-time, interactive intelligent system with features that are of value to all levels of personnel within an emergency communications environment. Faster response for the protection of life and property is the top priority in planning a CAD/911 system. A department should also want to achieve significant improvements in personal safety, crime and fire prevention, administration, and management of their departments resources.

When a call for service comes into an Emergency Communications Center a CAD system will provide a series of automatic tasks that streamline communications from 911, to the complaint-taker to the dispatcher to the field personnel.

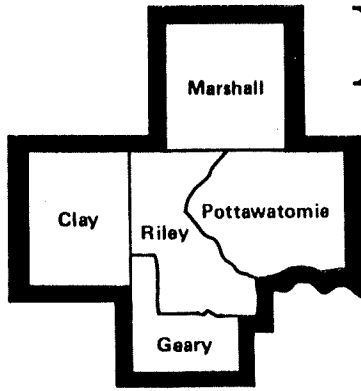
The system offers a number of short cuts for handling 911 emergency calls, such as automatic display of the address linked to the caller's telephone number. Vital data can be sent immediately to the dispatcher. Follow-up information is automatically attached to the original message so that an officer can be updated, for example, while enroute to a burglary. This feature is especially valuable when the operator needs to stay on the line, as with hysterical or suicidal callers.

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911 & CAD not only create a handshake with one another, but actually become one system when interfaced together. For 11¢ a month as it is in Shawnee County, I know of no better buy for the public. Especially the elderly and the young, for pennies a month, have a rapid and dependable link between themselves and all emergency services within their communities, without having to even be required to say a word over the phone.

We, in Topeka wanted to enhance our E911 system by adding a CAD system, but we had to expend \$250,000.00 out of the Capitol Improvements Budget of the City to accomplish this task. Topeka Emergency Communications Center acts as the Public Answering Service Point for all of Shawnee County from which our 911 tax is levied. I would like to say we in Topeka and Shawnee County have had a outstanding working relationship when it comes to 911 and the tremendous benefits to the public.

In conclusion I would like to go on record in supporting Senate Bill #493 as it stands, and feel that E911 and CAD can be one in the same system when interfaced together and used in the world of emergency communications.



BIG LAKES REGIONAL COUNCIL

104 South 4th
Manhattan, Kansas 66502-6110
(913) 776-4859

3 February 1988

Chairman Bill Morris
Transportation and Utilities Committee
Kansas Legislature
Topeka, KS 66612

Dear Chairman Morris:

Re: SB 493, Emergency Telephone Tax Funds

Big Lakes Regional Council is a voluntary association of local governments in Clay, Geary, Marshall, Pottawatomie, and Riley Counties involved in various community development and economic development projects in our service area. Big Lakes Regional Council has been involved with emergency medical communications, 911 emergency telephone and the Military Assistance to Safety and Traffic (M.A.S.T.) program in our five counties.

Big Lakes Regional Council (BLRC) supports passage of Senate Bill 493 concerning emergency telephone services relating to emergency telephone tax. We are acutely aware of problems associated with installation of 911 emergency telephone dialing as there are six different telephone companies providing service in our area.

The major concern relating to 911 installation is cost and the method to provide funds for emergency telephone services. BLRC fully supports SB 493 as stated in the attached copy of the bill. We would urge the language stating "changes for capital improvements and equipment or other physical enhancements to the emergency telephone systems" be retained as is.

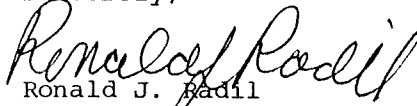
We understand the intend of SB 493 as allowing utilization of emergency telephone tax for monthly receiving charges, installation and capital improvements for emergency telephone service. BLRC supports these intended uses of emergency telephone tax for equipment which enhances the emergency telephone system.

We appreciate efforts to allow future expenditures of emergency telephone tax revenue in this manner.

Thank you.

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Sincerely,


Ronald J. Radil
Executive Director

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