

MEMORANDUM

TO: SENATOR DOLE  
FR: GREG SCHNACKE  
DA: NOVEMBER 30, 1990  
RE: KANSAS COLLEGE OF TECHNOLOGY - SALINA

YOU WILL BE MET BY PRESIDENT DR. TONY TILMANS WHO WILL ESCORT YOU FOR THE TOUR. ALSO MEETING YOU WILL BE CHUCK REAGAN, ASSISTANT TO KSU PRESIDENT JON WEFALD (AND POSSIBLE KSU VP BOB KRAUS). YOUR PLANE WILL TAXI IN FRONT OF THE INTERNATIONAL PILOT TRAINING CENTER WHERE YOU WILL RECEIVE A QUICK TOUR. FROM THERE, YOU WILL GO TO THE TECH CENTER FOR THE RECEPTION AND YOUR INFORMAL REMARKS. THEY EXPECT ABOUT 100 PEOPLE.

AST-SALINA IS THE SCOTTISH COMPANY THE STATE OF KANSAS AND THE COLLEGE OF TECHNOLOGY HAVE CONTRACTED WITH TO TRAIN INTERNATIONAL PILOTS. THEY ARE TRAINED UNDER THE BRITISH SYSTEM AND AFTER SEVERAL WEEKS IN SALINA, GO BACK TO PERTH, SCOTLAND TO THE AIR SERVICE TRAINING (AST) FACILITY THERE.

NOTE THERE ARE FOUR KUWAITI PILOTS TRAINING IN SALINA. THEY MAY HAVE THEM THERE TO MEET YOU.

IN ADDITION, THE COLLEGE WILL FORMALLY MERGE WITH KSU AND BECOME A COLLEGE IN THEIR SYSTEM WHEN THE LEGISLATURE RATIFIES IT. THIS IS NOT CONTROVERSIAL AND HAS BEEN APPROVED BY THE REGENTS. THE NEW NAME FOR THE COLLEGE WILL BE: KANSAS STATE UNIVERSITY - SALINA, COLLEGE OF TECHNOLOGY.

THE COLLEGE IS ALSO WORKING ON A COOPERATIVE VENTURE WITH BENDIX-KING IN KANSAS CITY THAT WOULD RELOCATE THEIR MANUFACTURING AND REPAIR FACILITY TO THE COLLEGE PROVIDING THE STUDENTS WITH HANDS-ON EXPERIENCE AND TRAINING ON ACTUAL EQUIPMENT AND PROVIDING BENDIX-KING WITH A TRAINED WORKFORCE.

MEMORANDUM

November 30, 1990

TO: Senator Dole

FROM: Kathy Ormiston

SUBJECT: Kansas College of Technology

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Attached is the appropriations request list from the Kansas College of Technology. They are requesting \$4 million for an Aeronautical Center and \$2 million for a Student Center and Cafeteria.

Aeronautical Center

I think that you could get funds for the Aeronautical Center from the Transportation Appropriations Committee. K-Tech would need to coordinate closely with Wichita State University, so that they wouldn't both be asking for money from the Transportation Committee for aviation research. Remember that for the last two years, Rep. Glickman has asked for \$2 million for aviation research at WSU; I am beginning to believe that WSU thinks it has some sort of entitlement program going. Nonetheless, it would be a messy situation if the two schools ended up fighting over the same pot of money.

Student Center and Cafeteria

This building would be hard to sell to the Appropriations Committee because it would not be involved in any type of research or academic activity. In fact, I don't even know what Subcommittee would fund this kind of activity.



# KANSAS COLLEGE OF TECHNOLOGY

2409 Scanlan Avenue Salina, Kansas 67401-8196 (913) 825-0275 1-800-248-5782



## APPROPRIATIONS REQUEST

Implementation of Avionics Curriculum Laboratory and Test Equipment	\$ 500,000.00
ATC-920 Turbo-Prop Flight Simulator	\$ 300,000.00
Campus Road Construction	\$ 600,000.00
8 Surplus Huey Helicopters	\$ \$
5 Surplus Sabreliner T-39A	\$ \$
10 Airplanes, i.e. Grumman, Moonie, Piper, Pilot Training	\$ 600,000.00
Any and All Surplus Aviation or Avionics Equipment	\$
	-----
SUBTOTAL	\$ 2,000,000.00
Matching Funds to Enlarge Future "Dole" Aeronautical Center (Current Specs @ 50,000 sq. ft.)	\$ 2,000,000.00
Matching Funds for Future "Dole" Student Center and Cafeteria (Current Specs)	\$ 2,000,000.00
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GRAND TOTAL	\$ 6,000,000.00



# TALKING POINTS

## KANSAS COLLEGE OF TECHNOLOGY

THANK YOU VERY MUCH.  
LADIES AND GENTLEMEN,  
PRESIDENT TILMANS, IT IS A  
PLEASURE TO BE HERE TODAY. I  
HAVE ENJOYED MY TOUR OF  
THE FACILITY AND FIND MYSELF  
VERY IMPRESSED WITH THE  
COLLEGE AND ALL THAT YOU

HAVE GOING HERE. I AM  
PARTICULARLY IMPRESSED WITH  
THE INTERNATIONAL PILOT  
TRAINING CENTER. I  
UNDERSTAND YOU HAVE A  
GROUP OF PILOTS TRAINING  
HERE FROM KUWAIT. I KNOW  
THEY MUST BE ANXIOUS ABOUT  
THE EVENTS IN THE PERSIAN  
GULF. I WISH THEM AND THEIR  
FAMILIES WELL AS WE WORK TO

ACHIEVE A SOLUTION WITH THE  
PRESIDENT.

I AM TOLD THAT THE  
PILOTS, WHO WILL EVENTUALLY  
FLY IN EUROPE, LIKE TO TRAIN  
HERE BECAUSE OF THE WEATHER.  
I AM SURE ONCE THEY GET  
HERE, THEY FIND THAT LIVING IN  
SALINA IS A PRETTY GOOD  
THING AS WELL.

I ALSO UNDERSTAND THAT

THE WINDS OF CHANGE ARE  
BLOWING HERE WHEN THE  
KANSAS COLLEGE OF  
TECHNOLOGY BECOMES KANSAS  
STATE UNIVERSITY — SALINA,  
COLLEGE OF TECHNOLOGY.  
YOUR IMPRESSIVE DEGREE  
PROGRAMS SHOULD GET A  
DEFINITE BOOST ONCE THE  
MERGER IS APPROVED BY THE  
LEGISLATURE. IT IS IMPORTANT



THAT THE COLLEGE CONTINUE  
TO TRAIN OUR YOUNG PEOPLE  
IN ELECTRONICS, AVIATION AND  
ENGINEERING PROGRAMS.

LIKEWISE, YOUR EFFORTS TO  
DEVELOP COOPERATIVE JOINT  
VENTURES WITH INDUSTRY, LIKE  
THE BENDIX—KING  
MANUFACTURING AND REPAIR  
FACILITY RELOCATION I  
UNDERSTAND YOU ARE



WORKING ON, WILL PROVIDE  
THESE STUDENTS WITH  
IMPORTANT HANDS—ON  
EXPERIENCE WITH THE EQUIPMENT  
THEY NEED TO MASTER, AND  
PROVIDES INDUSTRY WITH  
TRAINED TECHNICIANS THAT ARE  
IN SHORT SUPPLY.

LONG—TERM, WE WILL  
CONTINUE TO ASSIST YOU IN  
ANY WAY WE CAN TO HELP

DEVELOP NEW OPPORTUNITIES  
FOR SALINA OUT HERE AT THE  
AIRPORT. YOU WOULD BE  
SURPRISED — PERHAPS YOU  
WOULDN'T — AT HOW MANY  
PEOPLE HAVE PASSED THROUGH  
THE SALINA AIRPORT. I WANT  
TO WORK WITH YOU TO DO  
ALL I CAN TO SEEK NEW  
INDUSTRY AND DEVELOPMENT  
OUT HERE. OBVIOUSLY, AS THE

STORY OF THE COLLEGE GETS  
TOLD, GOOD THINGS SHOULD  
FOLLOW.

IN ANY EVENT, IT IS A PLEASURE  
TO BE HERE. I LOOK FORWARD  
TO SEEING ALL OF YOU AGAIN  
SOON. THANK YOU.

FINAL  
11/30/90

CONTACT:  
Jo-Anne Coe  
202/543-5016 (O)  
703/845-1714 (H)

SENATOR DOLE SCHEDULE - DECEMBER 2-4

Sunday, December 2

4:55 PM Ar. Butler Aviation, Washington National  
703/549-8340

5:00 PM Lv. Washington

AIRCRAFT: ConAgra Lear 35  
TAIL NO.: N 823 CA  
PILOTS: Bruce Tuttle  
402/333-4304 (H)  
402/449-3466 (Pager)  
Don Osborn  
402/498-2811 (H)  
Hangar: 402/595-4550

MANIFEST: Senator Dole  
Greg Schnacke

FLIGHT TIME: 2 hrs 45 (incl. 15 min. taxi time)

CONTACT: Paul Korody  
202/223-3455 (O)  
202/223-5118 (FAX)  
301/530-8474 (H)

Mary Robbins, AA to Mike Harper  
402/978-4041 (O)  
402/339-1846 (H)

Jim Hollenbeck, Chief Pilot  
402/978-4159  
402/595-4701 (FAX)

6:45 PM Ar. Wichita, Kansas - Jabara Airport  
Midwest Corporate Aviation  
316/636-9700

MET BY: Mike Glassner  
316/264-7219 (H)



PAGE TWO

7:00 PM

Small, Private Dinner - Nestor Weigand and his  
key supporters  
Weigand residence  
20 Norfolk  
316/651-0510

ATTENDEES:

Nestor Weigand  
Leslie Rudd, Investor  
Darleen Knorr, friend/Pizza Hut franchisee  
Vern Chesbro  
Bob VanCrum  
Charles Koch, Koch Industries

CONTACT: Nestor Weigand  
(Secretary: Sherry)  
316/262-6400 (O)  
316/651-0510 (H)

RON: Inn at the Park  
3751 East Douglas  
316/652-0500  
(Cindy)

PILOTS' RON: Tall Glass Inn  
316/684-3466

Monday, December 3

DRIVER: Dave Shupe  
316/943-3827

8:00 AM-  
9:30 AM

Meeting/Breakfast with Republican Activists  
(Finance Group and others)  
Bank IV Dining Room  
9th Floor, Fourth Financial Center

CONTACT: Jordan Haines (Secretary: Ann Brady)  
316/261-4311 (O)  
316/261-2290 (FAX)  
316/684-8993 (H)

ATTENDEES:

Bill Abbott - Boeing  
George Ablah - American Diversified Real Estate  
Brian Barents - Learjet  
Frank Barton  
Bob Beren - Okmar Oil  
Jack Braly ("Brawley") - President-Elect, Beech  
Chuck Chandler - 1st Nat'l Bank

PAGE THREE

ATTENDEES (CONTINUED):

Mike Cutchall - KNSS/KRZ Radio  
Jack DeBoer - Summerfield Hotels  
Richard DeVore - DeVore Enterprises  
Joe Doolittle - Doolittle Construction  
Duane Dyer - Wesley Medical Endowment Foundation  
Martin Eby - Eby Construction  
Rusty Eck - Eck Ford  
George Farha  
Helen Galloway  
Jordan Haines - Bank IV  
Fran Jabara  
Harvey Jabara  
Harry Litwin - Energy Systems  
Harry Lytle - Meredith Lytle CPA  
Steve Martens - The Martens Companies  
Russ Meyer - Cessna  
David Murfin - Murfin Drilling  
Jack Ranson - Ranson & Co.  
Steve Reinemund - Pizza Hut  
Hale Ritchie - Ritchie Corp.  
A. Scott Ritchie Sr. - Ritchie Exploration  
Philip Ruffin - The Ruffin Companies  
Don Sbaraa - Multimedia Cablevision  
Robert F. Vickers - The Vickers Trusts  
Ken Wagnon - Capital Management Co.  
Nestor Weigand - JP Weigand & Sons  
Howard Wilkins - Ambassador to Netherlands

9:30 AM-

Private meeting with Howard Wilkins

9:45 AM

Bank IV Executive Offices - 3rd Floor

9:45 AM

Lv. Bank IV

10:00 AM-

Meeting, rolls & coffee

11:00 AM

Sedgwick Co. GOP Central Cmte. and other Republicans  
(100 individuals)

Wichita Plaza Hotel - 24th Floor - Palm Room  
316/264-1181

SENATOR DOLE TO PRESENT CHECK FROM CAMPAIGN AMERICA

FORMAT: Podium and Mike

CONTACT: Dot Meyer, SG Co. GOP Chair  
316/264-8683 (Hqtrs)  
316/684-9713 (H)



PAGE FOUR

Mark Geitzen, Vice-Chair.  
316/261-5987 (O)  
316/522-8866 (H)

11:30 AM Depart Wichita via automobile

12:00 PM Ar. Newton, Kansas

12:00 PM- Attend Newton Kiwanis Club Luncheon  
1:00 PM Old Mill  
301 Main  
316/283-3510

ATTENDEES: 20-30

FORMAT: PODIUM (NO MIKE)

HEAD TABLE:

Senator Dole  
John Torline, President  
Gary Hunter, Treasurer  
Wilmer Nelson, Secretary  
Delvin Holdeman, Program Chairman

PROGRAM:

12:00 - Lunch Served  
12:30 - Delvin Holdeman introduces Sen. Dole  
12:35 - REMARKS - SENATOR DOLE

CONTACT: John Torline, President  
316/283-2400, Ext. 443 (O)  
316/283-0656 (H)

1:00 PM Lv. Old Mill

1:05 PM Ar. Harvey County/Newton City Courthouse  
(2 blocks away)  
316/283-6900

1:05 PM- ATTEND/ADDRESS Harvey County Republican Committee  
1:45 PM and Newton Chamber of Commerce members  
Basement - Courthouse

CONTACT: Jim Gillmore, County Chairman  
316/283-1552 (O)  
316/283-9603 (H)

*Dean Evans*  
*Betty Garrison*

PAGE FIVE

100 ATTENDEES, TO INCLUDE:

Tom Walker, Former State Legislator  
316/283-1330  
Joe Harder, State Senator  
GOP County Commissioners

PROGRAM: MIX AND MINGLE  
5 MINUTE REMARKS - SENATOR DOLE  
NO Q&A!!!

1:45 PM Lv. Court House

1:55 PM Ar. Prairie View Mental Health Center

2:00 PM- Tour Prairie View Center  
2:30 PM

INFORMAL REMARKS TO EMPLOYEES IN CAFETERIA

CONTACT: Larry Nikkel  
Chief Admin. Ofcr.  
Marie Snyder, Communications Dept.  
John Torline  
316/283-2400

2:30 PM Lv. Prairie View Center

2:40 PM Ar. Newton Airport  
Newton City/County Airport - Hangar A  
316/283-8457

2:45 PM Lv. Newton

FLIGHT TIME: 30 minutes

3:15 PM Ar. Salina

Taxi to Kansas Tech. Hangar  
(Next to Flower Aviation)

MET BY: Dr. Tony Tilmans  
President, Kansas College of Technology

3:15 PM- Tour Kansas College of Technology  
3:45 PM Aviation Training Center

INFORMAL REMARKS TO STAFF AND STUDENTS

CONTACT: Tom Cornelius  
Outreach Coordinator  
913/825-0275



PAGE SIX

3:45 PM Lv. College

DRIVER: Randy Duncan  
Saline County GOP Chairman  
913/825-8859

4:00 PM Ar. Evans Grain  
913/827-4484

4:05 PM- Private meeting with Dean Evans  
4:40 PM

CONTACT: Betty Garrison or Roberta Brunner  
913/827-4484

4:40 PM Lv. Evans Grain

TENTATIVE: George Pyle, Salina Journal, ride  
in car with Senator?

4:55 PM Ar. Moore's Midway Aviation  
913/825-6261

5:00 PM Lv. Salina

FLIGHT TIME: 45 minutes

5:45 PM Ar. Johnson County Executive Airport  
Kansas City Aviation Center  
913/782-0530

MET BY: Gale Grosch  
913/371-6108 (O)  
816/373-8468 (H)

6:00 PM- Attend Reception/Meeting with Johnson County GOP  
7:00 PM (In progress since 5:30)  
Overland Park Marriott Hotel  
Salons G thru J  
913/451-8000

7:00 PM- Reception/Meeting with Johnson County Pachyderm Club  
8:00 PM Yellow Freight Offices  
913/345-3911

CONTACT: Kim Wells  
816/221-1000 (O)  
913/842-2628 (H)  
Britt Nichols, County Chairman  
913/341-9500 (O)  
913/341-7057 (H)

PAGE SEVEN

RON: Kansas City  
Westin Crown Center  
816/474-4400

(Gale will have you pre-registered)  
(2 singles reserved at \$53 govt. rates)  
(1 Park Plaza suite at \$280)  
(Guaranteed for late arrival)  
Confirmation No. X HQ 723  
(Contact Jennifer in Reservations, or  
Patricia Wyatt in Public Relations)

PILOTS' RON: Holiday Inn  
913/829-4000

Tuesday, December 4

9:00 AM SPEAK (KEYNOTE)  
Annual Country Elevator Council Meeting  
National Grain & Feed Association  
Westin Hotel  
Century A and B Rooms

(700-800 country elevator managers  
and merchandisers)

FORMAT:  
NO HEAD TABLE  
STAGE WITH FIXED MIKE

PROGRAM:  
9:00 AM Introduction of Senator Dole by  
Bill Sauder of Evans Grain  
9:05 AM REMARKS - SENATOR DOLE

CONTACT: D. Matt Brockman  
Director of Legislative Affairs  
202/289-0873

9:45 AM- EDITORIAL BOARD - KANSAS CITY STAR  
10:30 AM 1729 Grand Avenue

CONTACT: Steve Winn  
816/234-4477

11:00 AM- Reception with 75-100 CEO's from Johnson County  
12:00 PM Overland Park Marriott Hotel  
Quail Creek Rooms 2-3-4  
913/451-8000

PAGE EIGHT

ADVANCE: Mike Lintecum

FORMAT: INFORMAL MIX AND MINGLE

PROGRAM: 11:35 REMARKS - SENATOR DOLE  
(4-5 MINUTES)

(Introduction by Lynn Mitchelson,  
Chairman of the Board, Bank IV)

CONTACT: Mary Birch  
Exec. V.P., Overland Park Chamber  
913/491-3600

12:00 PM-  
1:00 PM

Attend Annual Recognition Meeting and Luncheon  
Overland Park Chamber of Commerce  
Marriott Hotel - Main Ballroom

(Event runs 12:00-1:30)

FORMAT: PODIUM AND MIKE  
ROUNDS OF 10 - FRONT TABLE:

Senator Dole  
Lynn Mitcheson - Chmn of Bd, Bank IV  
George Lund - Lund Balderson Architects  
Dave Wolfram - Yellow Freight  
Dennis Wolf - Holeman Wolf & Co.  
Bruce Robb - Varnum Armstrong Deeter  
Rob Curtis - J.C. Nichols Real Estate  
David Westbrook - Corp. Communications Gp.  
Bill Roche - United Telephone System  
Brad Plumb - N. Amer. Speakers Bureau

PROGRAM:

12:00-12:30 Lunch served  
12:30 INTRODUCTION OF SENATOR  
(Lynn Mitchelson, Bank IV Chairman)  
12:32 SENATOR DOLE - REMARKS  
(15-20 MINUTES)

CONTACT: Mary Birch  
Exec. V.P., Overland Park Chamber  
913/491-3600

1:15 PM

Lv. Johnson County Executive Airport  
MANIFEST: Senator Dole  
Mike Glassner  
Greg Schnacke

4:45 PM

Ar. Washington National





## KANSAS COLLEGE OF TECHNOLOGY

25th Anniversary 1965-1990

2409 Scanlan Avenue Salina, Kansas 67401-8196





**Kansas College of Technology**

2409 Scanlan Avenue Salina, Kansas 67401 913/825-0275  
ext. 472

**STEPHEN R. THOMPSON, P.E.**

ASSOCIATE PROFESSOR  
CIVIL/COMPUTER TECHNOLOGIES

**KANSAS' TWO-YEAR TECHNICAL COLLEGE**







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Agri graphics  
Hiawatha, Kansas  
Doug Miller



KANSAS COLLEGE OF TECHNOLOGY  
CIVIL ENGINEERING TECHNOLOGY DEPARTMENT

The Civil Engineering Technology Department at Kansas College of Technology is developing an associate degree program in **Geographic Information Systems (GIS) Technology**. The proposed GIS curriculum has been submitted to the Kansas Board of Regents for approval. Pending the Regents' approval in March of 1991, the GIS program will be, to our knowledge, the **first associate degree GIS program in the nation**. The program is being developed to address a rapidly increasing need for technicians in the field of GIS. An introductory course in GIS and a GIS projects course are already being taught.

A GIS is a computer-based mapping system which combines computer graphics (mapping) and an efficient informational database. The GIS stores, integrates and analyzes information about land aspects--what is on it (and under it), who owns it, what it is worth, where the natural resources, utilities, and environmentally sensitive areas are located relative to each other and to other land aspects, etc. GIS technology is currently being used in a wide variety of applications: tax mapping, resource management, managing and optimizing routing of emergency vehicles, delivery vans, and trucks, facilities management, planning, management of transportation systems and utility networks, legislative reapportionment, etc.

On June 15, 1990, the Civil Engineering Technology Department at Kansas College of Technology was awarded a \$50,000 National Science Foundation (NSF) grant to support the development of the GIS laboratory at the college. KCT faculty member Stephen Thompson, project investigator for the grant, has since been selected by the NSF to review other grants submitted to NSF in 1991. The grant monies awarded to KCT are to be applied to the purchase of additional GIS computer equipment and software for the existing GIS Lab, as well as a total station surveying instrument and related software. A total station was purchased October, 1990. The department also intends to acquire a Global Position Satellite (GPS) surveying system. The GPS system and total station surveying systems will be added to the existing, well-equipped surveying lab and used to support the Civil Engineering Technology and Surveying Technology programs as well as the new GIS program.

November 30, 1990, the Civil Engineering Technology Department at KCT entered into an agreement which will establish a Global Positioning System (GPS) Base Station at KCT to provide statewide coverage for other state agencies. KCT signed the agreement with the Kansas Department of Health and Environment and the Kansas Water Office (representing the Kansas GIS Policy Board). KCT faculty member Stephen Thompson is a member of the Technical Advisory Committee to the GIS Policy Board.

A GPS is a system for the location of precise points on the earth through the use of 21 military navigational satellites orbiting the earth. A total station surveying instrument is a device used for the electronic observation and recording of angles, distances, and identification of points which can then be downloaded to a computer for analysis and plotting. A total station automates the previous surveying process of reading angles and measuring distances manually and physically writing them into a field book and then going back to the office and manually plotting the points on a drawing.

The Civil Engineering Technology Department in conjunction with the Continuing Education Department at the college, hosts an annual Surveyor's Conference in January in Salina for the Kansas Society of Land Surveyors. The conference is attended by Surveyors from all over Kansas and several adjoining states.



GIS DATABASE DEVELOPMENT - WATER FILES  
Kansas Water Office Contract No. 91-17

I. PROJECT TITLE

This contract made this 30th day of November 1990, between the Kansas Water Office (on behalf of the Kansas GIS Policy Board) and the Kansas Department of Health and Environment (hereinafter referred to as "KDHE"), and the Kansas College of Technology (hereinafter referred to as "KCT"), shall be known as the "GIS Water Files Development." All references to this contract shall include this title and the Kansas Water Office Contract No. 91-17.

II. SCOPE OF WORK

The KDHE and the KCT will furnish or acquire the necessary materials, personnel, services, computer facilities, office space and Global Positioning System (hereinafter referred to as "GPS") equipment required for the performance of the work described below:

1. Develop statewide GIS coverage of contaminated sites, water supplies and waste water dischargers. Tag all visited wells located at these sites. The KDHE will be responsible for operating mobile GPS equipment, and the KCT will be responsible for operating base station GPS equipment.
2. A general work plan for the project is described in Attachment A.

III. DELIVERABLES

- A. The KDHE shall purchase GPS field locators and a GPS base station locator. Upon delivery of the GPS equipment, the KDHE shall transfer the base station locator to the equipment inventory of the KCT.
- B. The KDHE and the KCT shall deliver to the Director, Kansas Water Office, 109 SW 9th Street, Suite 300, Topeka, Kansas, the items listed below. All dates are based upon the assumption that the KDHE and the KCT have access to the GPS equipment by February 1, 1991. If the GPS equipment access date is later, the dates below will be correspondingly later.

	<u>Item</u>	<u>Delivery Date</u>
1.	A monthly progress report (both KDHE and KCT).	1st of each month
2.	Operation of the GPS base station (KCT).	02/01/91 to 11/01/92

- |    |  |  |
|----|--|--|
| 3. | A digital data layer containing the section outlines of all contaminated sites and associated site attributes (KDHE).                                    | 05/01/91   |
| 4. | A digital data layer containing all existing monitoring wells at contaminated sites and water supplies (from the Kansas Water Database)(KDHE).           | 05/01/91   |
| 5. | Quarterly updates of digital data layers with the GPS locations of contaminated sites, water supplies and wastewater dischargers visited by KDHE (KDHE). | 08/01/91<br>11/01/91<br>02/01/92<br>05/01/92<br>08/01/92<br>11/01/92 |
| 6. | A target of forty percent (40%) completion of all contaminated sites (KDHE).   | 02/01/92   |
| 7. | A target of one hundred percent (100%) completion of all contaminated sites (KDHE).  | 11/01/92   |
| 8. | A project completion report (KDHE and KCT).  | 11/15/92   |

Digital files shall be delivered on nine track magnetic tape in the following formats: ARC Export, DXF and DLG-3 Optional. Other formats and media may be made available upon mutual agreement of both parties. Digital files shall include the minimum data requirements listed in Attachment B.

#### IV. COMPENSATION

- A. The Kansas Water Office agrees to pay the KDHE a total of \$86,000 for completion of the deliverables described in Section III.
- B. Payments shall be made upon receipt of a DA-102 interfund voucher according to the following schedule and upon successful completion of all deliverables as described in Section III that are due on or prior to the payment date:



	<u>Amount</u>	<u>Payment Date</u>
1.	\$84,000	12/15/90
2.	\$ 2,000 (final payment)	11/15/92

#### V. COMPLETION OF THE CONTRACT

This contract shall be completed no later than November 30, 1992. The contract shall be successfully completed upon receipt by the Kansas Water Office of all deliverables as described in Section III. The data received as deliverables may be used by the Kansas Water Office and the Kansas GIS Policy Board upon receipt.

#### VI. DATABASE STANDARDS

Digital files delivered under this contract shall conform to the standards and guidelines adopted by the GIS Technical Advisory Committee through December 31, 1990, and shall be subject to the committee's review and approval.

#### VII. EQUIPMENT ACQUISITION AND ACCESS

- A. All equipment purchased under this contract will be the property of the State of Kansas. The equipment will be purchased by the KDHE. The GPS field locators will be kept on the equipment inventory of the KDHE. The GPS base station locator will be kept on the equipment inventory of the KCT. The KDHE and the KCT agree to maintain the equipment in good working order while it is maintained on their equipment inventories. If the KDHE or the KCT are unable to fulfill their respective obligations under this contract, all equipment purchased as a part of this contract shall be transferred to the equipment inventory of the Kansas Water Office acting on behalf of the GIS Policy Board.
- B. During the term of this contract, the KDHE agrees to make available to other agencies a GPS field locator for GIS database development projects which have been recommended by the GIS Technical Advisory Committee and approved by the GIS Policy Board. Access to this equipment shall be coordinated with the KDHE and shall not in any way impede the completion of deliverables as specified in this contract.
- C. The KCT shall have unlimited use of the GPS base station equipment throughout the term of this contract provided that other use does not in any way impede the completion of deliverables as specified in this contract.
- D. Upon completion of deliverable number seven, as described in Section III, the KDHE and the KCT agree to the following:
  1. The KDHE will make four GPS field locators available, free of charge, for subsequent GPS applications or projects approved by the GIS Policy Board. Terms of access and use of this equipment shall be subject to the control of the GIS Policy Board.

2. The KCT will make the GPS base station locator available, free of charge, for subsequent GPS applications or projects approved by the GIS Policy Board. Terms of access and use of this equipment shall be subject to the control of the GIS Policy Board.

#### VIII. EXTENSION OR MODIFICATION OF CONTRACT

This contract may be extended or modified at any time upon approval in writing by all parties.

#### IX. CONTACT PERSON

Each party to this contract shall designate a contact person for the purpose of carrying out the provisions of this contract and shall notify the other parties in writing of the same.

#### X. RESOLUTION OF DISPUTES

Any conflict or dispute regarding the fulfillment of the terms and conditions of this contract which cannot be resolved by the parties to this contract shall be resolved by the Kansas GIS Policy Board in accordance with policies and procedures adopted by the Board.

#### XI. KANSAS CONTRACTUAL PROVISIONS ATTACHMENT

The provisions found in Contractual Provision Attachment (form DA-146a), Attachment C, which is attached hereto and executed by the parties to this contract, are hereby incorporated in this contract and made a part thereof.

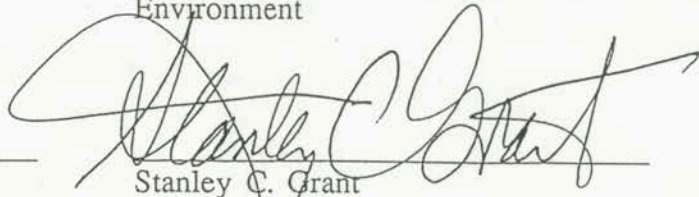
## XII. SIGNATURES

Kansas Water Office

\_\_\_\_\_  
Joseph F. Harkins  
Director

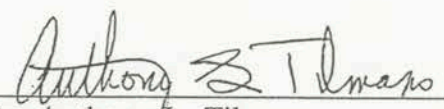
Date: \_\_\_\_\_

Kansas Department of Health and  
Environment

  
\_\_\_\_\_  
Stanley C. Grant  
Secretary

Date: 11/26/90

Kansas College of Technology

  
\_\_\_\_\_  
Dr. Anthony L. Tilmans  
President

Date: 11/29/90



Attachment A

GIS Water Files Development  
General Work Plan

The base station will be located at the Kansas College of Technology in Salina, Kansas. The college will locate the base station receiver at a known location and be responsible for operating the receiver Monday through Friday during regular working hours, 8:00 a.m. through 5:00 p.m. At the end of each day they will transfer that day's data to floppy disk and send to the Kansas Department of Health and Environment in Topeka. (Computer staff will test methods for data transmission across telecommunication lines.)

In the first year:

Three of the roving receiver units will be located at the Kansas Department of Health and Environment district offices (one per district). Also, one roving receiver unit will be located at the Kansas Department of Health and Environment central office in Topeka. The roving receiver units in the district offices will be used by staff as they perform normal sampling runs. When sampling runs overlap, the contaminated sites will have first priority, public water supplies second priority and dischargers third priority. The roving receiver unit in the central office will be used by staff to make special visits to large sites where a large number of wells need to be located and tagged. The time required to locate and tag these wells would otherwise be too prohibitive for normal sampling runs. At the end of each day, the data collected on the roving units will be dumped to floppy disk and sent to Kansas Department of Health and Environment's central office in Topeka. The data from these disks and the disks from the Kansas College of Technology will be loaded into computer programs to determine the latitude-longitude and their site ID number. A site ID form will also be filled out for each of these wells and the information from the form will be entered into the Kansas Water Database.

In the second year:

The three roving receiver units at the Kansas Department of Health and Environment district offices will be moved to the other three district offices. The same functions will then be performed at these districts.

This plan may be modified as needed to meet target deliverables identified in Kansas Water Office Contract No. 91-17.

Attachment B

Water Files--Minimum Data Requirements

- A. Contaminated Sites
  - (1) Site Name
  - (2) Project Code
  - (3) Site Address
  - (4) County
  - (5) Legal Description (sections within contaminated area)
  - (6) District
  - (7) River Basin
  - (8) Contaminant
  - (9) Contaminated Media
  - (10) Potentially Contaminated Media
  - (11) Major Contaminants and Concentration
  - (12) Source
  - (13) Statute
  - (14) Cleanup Funded By
  - (15) Lead Agency
  - (16) Detailed Status of Investigation and Cleanup
  - (17) Monitoring Sites (limited to those sites located with GPS)
    - (a) Name
    - (b) Site ID Number
    - (c) Source
    - (d) Use
    - (e) Latitude/Longitude (accurate within 2-5 meters)
    - (f) Type of Monitoring
- B. Public Water Supply Monitoring Sites
  - (1) Owner (generally city)
  - (2) Well Number/Treatment Plant
  - (3) Site ID Number
  - (4) Latitude/Longitude (accurate within 2-5 meters)
- C. Discharge Monitoring Sites
  - (1) Owner
  - (2) Site ID Number
  - (3) Latitude/Longitude (accurate within 2-5 meters)
  - (4) State Permit Number
  - (5) Federal Permit Number



### CONTRACTUAL PROVISIONS ATTACHMENT

**Important:** This form contains mandatory contract provisions and must be attached to or incorporated in all copies of any contractual agreement. If it is attached to the vendor/contractor's standard contract form, then that form must be altered to contain the following provision:

*"The provisions found in Contractual Provisions Attachment (form DA-146a), which is attached hereto and executed by the parties to this agreement, are hereby incorporated in this contract and made a part hereof."*

The undersigned parties agree that the following provisions are hereby incorporated into the contract to which it is attached and made a part thereof, said contract being the \_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

1. TERMS HEREIN CONTROLLING PROVISIONS

It is expressly agreed that the terms of each and every provision in this attachment shall prevail and control over the terms of any other conflicting provision in any other document relating to and a part of the contract in which this attachment is incorporated.

2. AGREEMENT WITH KANSAS LAW

All contractual agreements shall be subject to, governed by, and construed according to the laws of the State of Kansas.

3. TERMINATION DUE TO LACK OF FUNDING APPROPRIATION

If, in the judgment of the Director of Accounts and Reports, State Department of Administration, sufficient funds are not appropriated to continue the function performed in this agreement and for the payment of the charges hereunder, State may terminate this agreement at the end of its current fiscal year. State agrees to give written notice of termination to contractor at least 30 days prior to the end of its current fiscal year, and shall give such notice for a greater period prior to the end of such fiscal year as may be provided in this contract, except that such notice shall not be required prior to 90 days before the end of such fiscal year. Contractor shall have the right, at the end of such fiscal year, to take possession of any equipment provided State under the contract. State will pay to the contractor all regular contractual payments incurred through the end of such fiscal year, plus contractual charges incidental to the return of any such equipment. Upon termination of the agreement by State, title to any such equipment shall revert to contractor at the end of State's current fiscal year. The termination of the contract pursuant to this paragraph shall not cause any penalty to be charged to the agency or the contractor.

4. DISCLAIMER OF LIABILITY

Neither the State of Kansas nor any agency thereof shall hold harmless or indemnify any contractor beyond that liability incurred under the Kansas Tort Claims Act (K.S.A. 75-6101 *et seq.*)

5. ANTI-DISCRIMINATION CLAUSE

The contractor agrees: (a) to comply with the Kansas Act Against Discrimination (K.S.A. 44-1001 *et seq.*) and the Kansas Age Discrimination in Employment Act (K.S.A. 44-1111 *et seq.*) and to not discriminate against any person who performs work hereunder, because of race, religion, color, sex, physical handicap unrelated to such person's ability to engage in this work, national origin or ancestry, or age; (b) to include in all solicitations or advertisements for employees, the phrase "equal opportunity employer"; (c) to comply with the reporting requirements set out at K.S.A. 44-1031 and K.S.A. 44-1116; (d) to include those provisions in every subcontract or purchase order so that they are binding upon such subcontractor or vendor; (e) that a failure to comply with the reporting requirements of (c) above or if the contractor is found guilty of any violation of such act by the Kansas Commission on Civil Rights, shall constitute a breach of the contract and it may be cancelled, terminated or suspended in whole or in part by the Director of Purchases, State Department of Administration.

Parties to this contract understand that subsections (b) through (e) of this paragraph number 5 are not applicable to a contractor who employs fewer than four employees or whose contract with this agency of the Kansas state government total less than \$5,000 during this fiscal year.

6. ACCEPTANCE OF CONTRACT

This contract shall not be considered accepted, approved or otherwise effective until the statutorily required approvals and certifications have been given.

7. ARBITRATION, DAMAGES, WARRANTIES

Notwithstanding any language to the contrary, no interpretation shall be allowed to find the State or any agency thereof has agreed to binding arbitration, or the payment of damages or penalties upon the occurrence of a contingency. Further, the State of Kansas shall not agree to pay attorney fees and late payment charges beyond those available under the Kansas Prompt Payment Act (K.S.A. 75-6403), and no provision will be given effect which attempts to exclude, modify, disclaim or otherwise attempt to limit implied warranties of merchantability and fitness for a particular purpose.

8. REPRESENTATIVE'S AUTHORITY TO CONTRACT

By signing this document, the representative of the contractor thereby represents that such person is duly authorized by the contractor to execute this document on behalf of the contractor and that the contractor agrees to be bound by the provisions thereof.

9. RESPONSIBILITY FOR TAXES

The State of Kansas shall not be responsible for, nor indemnify a contractor for, any federal, state or local taxes which may be imposed or levied upon the subject matter of this contract.

10. INSURANCE

The State of Kansas shall not be required to purchase, any insurance against loss or damage to any personal property to which this contract relates, nor shall this contract require the state to establish a "self-insurance" fund to protect against any such loss or damage. Subject to the provisions of the Kansas Tort Claims Act (K.S.A. 75-6101 *et seq.*), the vendor or lessor shall bear the risk of any loss or damage to any personal property in which vendor or lessor holds title.

Vendor/Contractor:

\_\_\_\_\_  
Date Signature  
\_\_\_\_\_  
Title

Agency Head/Authorized Representative:  
11/26/90 \_\_\_\_\_  
Date Signature  
Sec. KDHE  
Title



Granted June 15, 1990

DETAILED BUDGET (EQUIPMENT LIST) FORMAT

Item (Descriptive name, probable brand and model)	How Many	Unit Price (List)	Unit Price (Discounted)	Total Cost (Discounted)
<u>Scientific Equipment</u>				
Total Surveying Instrument w/Assoc. Software (Leitz Set 3)	1	21,505	18,725	18,725
			Subtotal	18,725
<u>Computer Equipment</u>				
Microcomputers w/mouse Zenith 386	5	6,578	6,578	32,890
Digitizers, Calcomp Large Format 44"x60"	5	6,545	4,455	22,275
Plotter, E-size Houston Instruments	1	5,097	5,097	5,097
Printer, dot matrix Epson EX-1000	2	535	535	1,070
Tape Drive, 9-track (for backup) Qualstar	1	4,095	4,095	4,095
GIS Software (pc ARC/INFO) w/5 hardware keys	1	14,000	13,750	13,750
Scanner, Houston Instruments	1	2,995	2,450	2,450
CAD Overlay Software Raster to Vector Conversion Software	1	1,000	800	800
			Subtotal	82,427

Total project cost: 101,152

Non-NSF contribution  
(including any overmatch): 50,576

NSF request: 50,576

Shipping Costs

All unit prices include  
shipping costs

Use additional page(s) if needed.

DETAILED BUDGET (EQUIPMENT LIST) FORMAT

Item (Descriptive name, probable brand and model)	How Many	Unit Price (List)	Unit Price (Discounted)	Total Cost (Discounted)
<u>Scientific Equipment</u>				
Total Surveying Instrument W/Assoc. Software (Leitz Set 3)	1	21,505	18,725	18,725
Trimble Global Position Satellite System (3-Receiver)	1	100,000	90,000	90,000
Subtotal				108,725
<u>Computer Equipment</u>				
Microcomputers w/mouse Zenith 386	5	6,578	6,578	32,890
Digitizers, Calcomp Large Format 44"x60"	5	6,545	4455.	22,275
Plotter, E-size Houston Instruments	1	5,097	5,097	5,097
Printer, dot matrix Epson EX-1000	2	535	535	1,070
Tape Drive, 9-track (for backup) Qualstar	1	4,095	4,095	4,095
GIS Software (pcARC/INFO) w/5 hardware keys	1	14,000	13,750	13,750
Scanner, Houston Instruments	1	2,995	2,450	2,450
CAD Overlay Software Raster to Vector Conversion Software	1	1,000	800	800
Subtotal				82,427

Total project cost: 191,152  
Non-NSF contribution  
(including any overmatch): 95,576  
NSF request: 95,576

Shipping Costs

All unit prices include shipping costs Use additional page(s) if needed.



**NATIONAL SCIENCE FOUNDATION**  
1800 G STREET, N.W. • WASHINGTON, D.C. 20550

Division of Undergraduate Science, Engineering and Mathematics  
Education/EHR

Dr. S. R. Thompson  
Kansas College of Technology  
2409 Scanlan Avenue  
Salina, KS 67401

OCT 15

NSF REF: 14ENG

Dear Dr. Thompson:

The National Science Foundation invites you to review proposals submitted for the NSF program, Instrumentation and Laboratory Improvement (ILI). The ILI Program provides matching grants for the purchase of scientific equipment to improve the teaching of undergraduate students. A copy of the program announcement and guidelines for this program is enclosed.

The review panel meeting will begin with an overview session on Wednesday, January 30, at 7:30 PM and continue until early afternoon on Saturday, February 2. The meeting will be held at the Holiday Inn Crowne Plaza, Arlington, Virginia, near Washington National Airport. Lodging will be arranged in the same hotel. Procedures for travel and reimbursement of expenses are described on the attached instruction sheet.

Panelists are drawn from the engineering community to provide both experience and fresh perspective to the review of these proposals. Your assistance in helping to review these proposals is a valuable contribution to the National Science Foundation and to science, mathematics, and engineering education.

Please note that if you are listed as a Principal Investigator for any proposal submitted for consideration in this year's ILI competition, we must ask you to decline this invitation.

If you are able to accept, please complete and return the enclosed Travel Form. Please check the box marked accept and copy the NSF reference from the top of this letter. Courtesy Associates, a commercial agency, is handling the travel and meeting arrangements for the meeting. They can help with schedules, confirm airline reservations and will send you a ticket. Please DO NOT PURCHASE YOUR OWN TICKET. A prepaid ticket can be provided on 24 hour notice, if needed.

In addition, please complete and return the enclosed Conflicts of Interest form (1230) and the Request for Information form (256) to Courtesy Associates along with the Travel Form.

If you cannot attend the meeting, please complete only the address section of the enclosed Travel Form and check the box marked decline. In any case, return the form in the addressed envelope.

Please try to mail your response to this invitation, whether positive or negative, within a week after you receive this letter. If you need more time to reply, please contact me to let me know when you will be able to reply.

Should you have any questions about the review process or the meeting please call me at 202-357-7051, or you may contact me on BITNET: kfrair@nsf or INTERNET: kfrair@nsf.gov.

Sincerely,

A handwritten signature in cursive script, appearing to read "Karen Frair".

Karen Frair, Ph.D.  
Program Director



**GEOGRAPHIC INFORMATION SYSTEM TECHNICAL ADVISORY COMMITTEE (TAC)**

**Purpose:** To provide sound technical advice and assistance to the policy makers on the GIS Policy Board.

**Members:**

<u>Name</u>	<u>Representing</u>
Randall Foster	Secretary of State
Brian Logan	Department of Transportation
Val Carter	Legislative Research
David Collins	Kansas Geological Survey
Lorne Phillips	Department of Health and Environment
Tina Rajala	Kansas Water Office
John Reh	U.S. Soil Conservation Service
Scott Stockwell	Kansas Corporation Commission
Claud Baker	U.S. Geological Survey
Tracy Streeter	State Conservation Commission
Gary Baker	Groundwater Management District Association
Jerry Whistler	Kansas Biological Survey
Lollyd Stullken	Board of Agriculture
H.L. Seyler	Kansas State University, Department of Geography
Jim Kent	Department of Commerce
Tim Hensley	Department of Revenue
John Radenberg	R & S Digital Services
Michael Morrow	Department of Wildlife and Parks
Stephen Thompson	Kansas College of Technology
Teresa Floerchinger	Division of the Budget
Curtis Sorenson	University of Kansas, Department of Geography
John Young	Kansas Society of Land Surveyors
Jim Tyler	Kansas Power and Light

## GEOGRAPHIC INFORMATION SYSTEMS POLICY BOARD

**Purpose:** To set the policies and standards to promote inter-agency cooperation and consistency in implementing the GIS technology in state government in Kansas.

**Members:**

<u>Name</u>	<u>Representing</u>
Sherry Brown	Dept. of Administration
Brad Bryant	Secretary of State
James Bush	Dept. of Transportation
Mary Galligan	Legislative Research
Lee Gerhard	Kansas Geological Survey
Stanley Grant	Dept. of Health & Environment
James Habiger	U.S. Soil Conservation Service
Joseph Harkins	Kansas Water Office (Chairman)
Keith Henley	Kansas Corporation Commission
Mark Hixon	Barton County Appraiser
Gary Hulett	Governor
Tom Huntzinger	U.S. Geological Survey
Kenneth Kern	Conservation Commission
Keith Lebbin	Groundwater Management Dist. Assn.
Edward Martinko	Kansas Biological Survey
Robert Meinen	Wildlife & Parks
Duane Nellis	K.S.U. Dept. of Geography
David Pope	Board of Agri. Div. of Water Resources
Harland Priddle	Dept. of Commerce
Edward Rolfs	Dept. of Revenue
Charles Warren	Kansas, Inc.