

*GREATER AUSTIN AREA  
TELECOMMUNICATIONS NETWORK  
INTERLOCAL AGENCY*

BOARD OF DIRECTORS MEETING

January 9, 1995  
1:30 p.m.  
City of Austin, Waller Creek Center  
625 East 10th street  
First Floor Conference Room

AGENDA

1. Executive Session. (30 minutes)
2. Reconvene in open session; citizen Communications. (3 minutes)
3. Approve Minutes of previous meeting. (Ullrich, 3 minutes)
4. Adopt Order of Agenda. (Ullrich, 1 minute)
5. Receive/consider update report from AISD Construction Manager and Southwestern Bell representative. (Smith, Silver, 20 minutes)
6. Discuss/consider RFI's. (Smith, 10 minutes)
7. Hear report and discuss/consider recommendations from Da'ta Work Group of the Technical Subcommittee. (Smith, Phillips, 10 minutes)
8. Discuss/consider establishing priorities and method of reporting for GAATN network manager. (Ullrich, 15 minutes)
9. Prioritize tasks assigned to the Data Work Group. (Ullrich, 15 minutes)
10. Discuss agreement between GAATN and Texas Department of Transportation. (Ullrich, 15 minutes)
11. Confirm time, date and location for next regular meeting as 1:30 p.m., January 23 at LCRA. (Ullrich, 1 minute)
12. Suggest agenda items for next meeting. (5 minutes)
13. Adjourn.

GREATER AUSTIN AREA  
TELECOMMUNICATIONS NETWORK  
INTERLOCAL AGENCY

BOARD OF DIRECTORS REGULAR MEETING  
MINUTES

The regular meeting of the GAATN Board was held on January 9, 1995 at the City of Austin, Waller Creek Building. The meeting was called to order at 1:39 pm by Chairman Jim Ullrich of the Austin Independent School District (AISD).

GAATN directors present were Ron Brey (ACC), Les Marcus (COA), Larry Krenek (LCRA), Wayne Wedemeyer (UT), Linda Picazo (GSC), Jim Ullrich (AISD), and Garry Wilkison (TC).

Also present were Don Silver (SWB), Glen Smith (AISD), Tom Frommack (COA), John Edmonds (LCRA), James Ting (GSC), Lee Hisle (ACC), Eric Phillips (GAATN), Jim Clark (TC), and Jean Nipper.

ITEM #1 Executive Session

The Board went into executive session at 1:39 pm. The board adjourned executive session at 2:32 pm •

ITEM #2 Reconvene in open session; citizen Communications.

The Meeting reconvened in open session at 2: 37 pm. Jim Ullrich introduced Eric Phillips as the new GAATN Network Manager. Jim Ullrich announced that the AISD superintendent has authorized the hiring of a Contract Manager for the construction contract. A letter was issued by Larry Krenek notifying the board that he is stepping down as a board member and LCRA is appointing John Edmonds as the Board representative and Susan Morton as an alternate. Jim Ullrich distributed copies of the open meetings statutes. There were no citizen communications.

ITEM #3 Approve Minutes of previous meeting.

Les Marcus moved to accept the minutes of the 12/12/94 regular meeting. Ron Brey seconded the motion. There was no discussion. The Motion passed unanimously.

ITEM #4 Adopt order of agenda.

The Board adopted the order of Agenda.

ITEM #5 Receive/consider update report from ALSO Construction Manager and Southwestern Bell representative.

Glen Smith reviewed the status of current construction and discussed the possibilities of delays in completion dates with Don Silver. Les Marcus asked Don Silver to address this issue of whether or not the project is in delay. Don does believe they are in delay because of problems with obtaining permits for State ROW. Don's best estimate is approximately 30 to 45 days delay. Jene Nipper suggested that if SW Bell had submitted the permits in November as required, there would have been personnel available to process them. SW Bell waited until December 21st, because a number of agencies were recessed for winter break.

ITEM #6 Discuss/consider RFI's

Jim Ullrich questioned a letter from Tom Frommack to Glen Smith noting that RFI 148 is past due. Don Silver replied that he has responded and is

waiting for response from COA. Glen Smith discussed the current status of RFI's. Ron Brey asked for a status of the FYI he submitted on the Attache building. Glen will investigate and report back at a later date. Les Marcus recommended that we begin work on obtaining permits from Pedernales Electric before work begins on that section.

ITEM #7 Hear report and discuss/consider recommendations from Data Work Group of the Technical Subcommittee.

The minutes from the Jan 5, 1995 Technical Subcommittee were distributed to those present and were reviewed by Glen Smith.

ITEM #8 Discuss/consider establishing priorities and method of reporting for GAATN network manager.

A discussion was held to set priorities and method of reporting for the GAATN Network Manager. Ron Brey suggested that The Chair, The Construction Manager, and GAATN Network Manager develop this and report back to the board at a later date. The suggestion was accepted by other members. The GAATN Network Manager's telephone and pager number were given to the board at this time. Tom Frommack suggested we establish guidelines as to who has authority to contact the GAATN Network Manager for day-to-day communications.

ITEM #9 Prioritize tasks assigned to the Data Work Group.

A discussion was held to determine how to set priorities for the Technical Subcommittee. Jim Ullrich suggested we tie this into the previously mentioned task to set priorities and method of reporting. Jim Ullrich suggested that Eric Phillips chair the Technical subcommittee. This is agreed upon by general consensus. At 3: 35pm Garry Wilkison left the meeting. Jim Clark joined and represented Travis County.

ITEM #10 Discuss agreement between GAATN and Texas Department of Transportation.

A discussion was held regarding the Right-of-Way agreement between GAATN and Texas Department of Transportation. Jim Ullrich directed that Glen Smith notify the Attorney representing GAATN to complete the agreement as soon as possible.

ITEM #11 Confirm time, date and location for next regular meeting.

Jim Ullrich confirmed that the next GAATN Board meeting will be held at 1:30 pm on January 23, 1995 at the LCRA building. He also stated that LCRA will be the location of the meetings for the next six months.

ITEM #12 Suggest agenda items for next meeting

Agenda items suggested for the next meeting include: The Pedernales Electric permits, Texas Department of Transportation permits, Priorities for The Network Manager, and An update on a Contract Manager for the construction contract.

ITEM #13 Adjourn

Ron Brey moved to adjourn the meeting at 3:44 pm. The motion was seconded by John Edmonds and passed unanimously. The meeting was Adjourned.

*GREATER AUSTIN AREA  
TELECOMMUNICATIONS NETWORK  
INTERLOCAL AGENCY*

BOARD OF DIRECTORS MEETING

January 23, 1995 1:30 p.m.  
Lower Colorado River Authority 3701 Lake Austin Blvd.  
Hancock Building, Board Room

AGENDA

1. Citizen Communications. (2 minutes)
2. Approve Minutes of previous meetings. (Ullrich, 3 minutes)
3. Adopt Order of Agenda. (Ullrich, 1 minute)
4. Board Chairman Update. (Ullrich, 2 minutes)
5. Receive/consider update report from GAATN Construction liaison. (Nipper, 15 minutes)
6. Receive/consider update report from ALSO Construction Manager and Southwestern Bell representative. (Smith, Silver, 20 minutes)
7. Discuss/consider RFI's. (smith, 10 minutes)
8. Hear report and discuss/consider recommendations from Data Work Group of the Technical Subcommittee. (Smith, Phillips, 10 minutes)
9. Discuss/consider update report on Texas Department of Transportation Right-Of-way agreement. (Ullrich, Picazo, 10 minutes)
10. Discuss/consider Pedernales Electric Cooperative, Inc. agreement. (Smith, 5 minutes)
11. Discuss/Consider establishing work priorities for the GAATN network manager. (Ullrich, Phillips, 15 minutes)
12. Receive first quarter GAATN status of the Variable Budget. (Phillips, Ullrich, 5 minutes)
13. Confirm time, date, and location for next regular meeting as 1:30 pm, February 6, 1995. (Ullrich, 1 minutes)
14. Discuss need for alternate location for February 21 meeting. (Ullrich, 1 minute)
15. Suggest agenda items for next meeting. (5 minutes)
16. Adjourn.

GREATER AUSTIN AREA  
TELECOMMUNICATIONS NETWORK  
INTERLOCAL AGENCY

BOARD OF DIRECTORS REGULAR MEETING  
MINUTES

The regular meeting of the GAATN Board was held on January 23, 1995 at the Lower Colorado River Authority, 3701 Lake Austin Blvd. The meeting was called to order at 1:35 pm by Chairman Jim Ullrich of the Austin Independent School District (AISD) •

GAATN directors present were Ron Brey (ACC), Tom Frommack (COA), John Sutton (LCRA), Wayne Wedemeyer (UT), Linda Picazo (GSC), Jim Ullrich (AISD), and Garry Wilkison (TC).

Also present were Don Silver (SWB), Glen Smith (AISD), James Ting (GSC), Lee Hisle (ACC), Eric Phillips (GAATN), Jim Clark (TC), Susan Morton (LCRA), and Jean Nipper.

ITEM #1. Citizen Communications. (2 minutes)  
There were no citizen communications

ITEM #2. Approve Minutes of previous meetings. (Ullrich, 3 minutes)  
Tom Frommack commented that Les Marcos's name was misspelled. Ron Brey moved to accept the minutes of the 1/9/95 regular meeting, as corrected. Garry Wilkison seconded the motion. There was no discussion. The Motion passed Unanimously.

ITEM #3. Adopt Order of Agenda. (Ullrich, 1 minute)  
Jim Ullrich recommended that items #9 and #10 be moved to the first order of the agenda in the interest of scheduling the Attorneys time. The board accepted the change and adopted the revised order of agenda.

ITEM #9. Discuss/consider update report on Texas Department of Transportation Right-of-way agreement. (Ullrich, Picazo, 10 minutes)  
Bill Bingham discussed the current agreement with Tx-DOT. He stated that we currently have a 60 day agreement and they are working on a long term agreement. He stated that the next step will be for Tx-DOT to issue permits for the construction. He recommended that the Board pass a motion to ratify the agreement signed by Glen Smith and authorize him to sign a future agreement when it comes along. Tom Frommack asked if Glen should sign future agreements or if the upcoming Contract Manager should do that. Glen stated that he would be the person overseeing the Contract Managers duties. Jim confirms that Glen would be the person to sign these agreements. Linda Picazo made a motion to ratify the signature on the TxDOT document and give Glen the authority to sign the upcoming final document. Ron Brey seconded the motion. There was no discussion. The motion passed unanimously.

ITEM #10. Discuss/consider Pedernales Electric Cooperative, Inc. agreement. (Smith, 5 minutes)  
Glen Smith passed out an example of the pedernales agreement. Jean Nipper suggested that Bill Bingham negotiate with pedernales in the same manner he did with SW Bell and Tx-DOT. Jim Ullrich asked Bill Bingham to take this document and read it carefully and begin to negotiate with Pedernales the same as before and in such a way that we are consistent with GAATN

documents while keeping Glen Smith and Jim Ullrich informed. Jean Nipper also recommended that the SW Bell document be completed and ratified. Jim reiterated the statement. Tom Frommack asked how many poles are involved in the pedernales agreement. Don Silver stated approximately 130.

ITEM #4. Board Chairman Update. (Ullrich, 2 minutes)

Jim Ullrich distributed a revised list of board members with changes in the LCRA members. Jim Ullrich informed everyone that an ad has been placed for the Contract Manager and some applicants are being received. Linda Picazo asked who will be doing the hiring. Jim Ullrich replied Curt Shaw, Mike Beeman, Glen Smith, and Jim Ullrich. Wayne Wedemeyer asked whether individuals or companies will be applying. Jim Ullrich stated both would probably apply.

ITEM #5. Receive/consider update report from GAATN Construction liaison.  
(Nipper, 15 minutes)

Jean Nipper reviewed a meeting with Don Silver (SWB), Rosie Habeeb, Charlie Trammel, Jim Ullrich, and Glen Smith. At this meeting, Jean asked for any problems that currently exist. A list compiled by SWB was distributed to the board. Jean Nipper discussed the first item concerning Pole construction design change by COA EUD and the second issue regarding attachment license Agreement with SWBT. Jean recommended that the Board should get the AISD to go to the Superintendents office or what ever is necessary to finalize the agreement. Jean reiterated the fact that the resolution to item 3 (The Tx-DOT agreement ) could have been expedited had time lines been set for responses expected from the Attorneys. Jean recommended that Jim Ullrich and Glen Smith give ongoing direction for the completion of item #4. (Pedernales agreement). Jean asked Glen Smith if he had received any change orders from SWB regarding route changes necessitated by EUD. Glen stated there were none. Jean Nipper reviewed a meeting held on Jan 13, 1995 with Dr Fox and leaders from the GAATN participants, Jean noted that the City Manager asked everyone not to sit and wait for problem resolution for any period of time involving his departments without bringing it to his attention, because he can resolve them. The Superintendent reiterated this. Jean noted that in the meeting, Dr. Warlick stated that he was concerned that the AISD equipment was not compatible with the other entities. Jean recommended that the equipment be looked at to see if it could be changed. Jim Ullrich noted that the engineering subcommittee is looking into things like this. Don Silver reviewed his requirements for processing RFI's. Glen Smith stated that he did talk to Dr Warlick regarding his concerns about the incompatibility issue.

ITEM #6. Receive/consider update report from AISD Construction Manager and Southwestern Bell representative. (Smith, Silver, 20 minutes)

Glen Smith noted that he has received disks for construction prints and copies can be made should any board member require them. Glen also reviewed a problem he had with contractors turning in untimely locates. He has notified Don Silver to notify his contractors. Glen gave approval for SWB to use AT&T as a subcontractor. Linda Picazo questioned whether we are using CoCom or Colcom. Glen replied CoCom. Tom Frommack asked for a percentage of MBEWBE contractors in use by Tuesday at noon. Don Silver agreed to supply this. Don Silver reviewed the status of several possible outside construction projects which may effect GAATN in the future. A discussion was held regarding how GAATN can be made aware of these projects. Linda Picazo recommended that a letter be sent to the City Planning directors. Tom recommended the letter come from the GAATN board. Tom recommended the construction manager act on these items. Don Silver distributed a time line for the Super Ring North. Tom Frommack asked who would inspect the cable after it is installed. Don reviewed his company policy on inspections.

- ITEM #7. Discuss/consider RFI's. (Smith, 10 minutes)  
Glen smith reviewed the status of pending RFIs. SWB was directed by the board to complete the RFI issued on Sam Houston and Hobby buildings.
- ITEM #8. Hear report and discuss/consider recommendations from Data Work Group of the Technical Subcommittee. (Smith, Phillips, 10 minutes)  
Eric Phillips passed out the minutes of the January 17th subcommittee meeting and discussed its contents.
- ITEM #11. Discuss/Consider establishing work priorities for the GAATN network manager. (Ullrich, Phillips, 15 minutes)  
Eric Phillips distributed a list of priorities for discussion. Tom Frommack asked that floor space requirements for Super Ring sites be added as top priority. This was added by general consensus. John Edmonds recommended that we look at site security and data security as a high priority. Eric Phillips stated he can add this to the list for the technical subcommittee and discuss it in the next meeting.
- ITEM #12. Receive first quarter GAATN status of the Variable Budget. (Phillips, Ullrich, 5 minutes)  
Eric Phillips distributed the budget status. Ron Brey asked why there were no legal fees. Jim Ullrich stated that they were still in process and would appear at a later date. Ron Brey requested that a projected variable budget for next year, to include construction as it pertains to cable relocations, be issued as soon as possible. Ron Brey questioned whether budget adjustments should be made without board approval. It was decided that any budget adjustments of One Thousand dollars or more should come before the board as part of the budget item approval process. This was agreed to by general consensus.
- ITEM #13. Confirm time, date, and location for next regular meeting as 1:30 pm, February 6, 1995. (Ullrich, 1 minutes)  
Jim Ullrich confirmed that the next GAATN Board Meeting will be held at 1:30 on February 6, 1995 at the LCRA building.
- ITEM #14. Discuss need for alternate location for February 21 meeting. (Ullrich, 1 minute)  
Jim Ullrich asked everyone to come up with a location for the February 21st meeting for notification at the next meeting.
- ITEM #15. Suggest agenda items for next meeting. (5 minutes)  
Agenda Items suggested for the next meeting include: Discuss GAATN attorney, discuss SWB and pedernales agreements.
- ITEM #16. Adjourn.  
Linda Picazo moved to adjourn the meeting at 4:05. The motion was seconded by Garry Wilkison and passed unanimously. The meeting was adjourned.

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## GREATER AUSTIN AREA TELECOMMUNICATIONS NETWORK INTERLOCAL AGENCY

### BOARD OF DIRECTORS REGULAR MEETING MINUTES

The regular meeting of the GAATN Board was held on February 6, 1995 at the Lower Colorado River Authority, 3701 Lake Austin Blvd. The meeting was called to order at 1:41 pm by Chairman Jim Ullrich of the Austin Independent School District (AISD) •

GAATN directors present were Ron Brey (ACC) , Les Marcos (COA) , Dr. Charles Warlick (UT), James Ting (GSC), Jim Ullrich (AISD), and Garry Wilkison (TC). Susan Morton (LCRA) joined the meeting at 2:45pm.

Also present were Glen Smith (AISD), Don Silver (SWB, Jim Clark (TC), Ron Nourzad (LCRA), Ed Delabarre (COA), and Patrick Jordan (COA)

ITEM #1. Citizen Communications. (2 minutes)  
There were no citizen communications.

ITEM #2. Approve Minutes of previous meetings. (Ullrich, 3 minutes)  
Les Marcos requested that we correct item #11 which should include data security along with site security. Les Marcos moved to accept the minutes of the 1/23/95 meeting as corrected. Garry Wilkison seconded the motion. There was no discussion, the motion passed unanimously.

ITEM #3. Adopt Order of Agenda. (Ullrich, 1 minute) The board adopted the order of agenda.

ITEM #4. Board Chairman update. (Ullrich, 3 minutes)  
Jim Ullrich reviewed the status of the Tx-Dot permits. He noted there were a few requiring further work. SW Bell had no further status. Some general discussion was held relating to the Tx-Dot agreements. Jim Ullrich reviewed an agreement issued by EUD relating to a new ordinance on pole attachments. He noted, that after having been read by the attorneys, it was determined that the ordinance should not affect GAATN. Jim Ullrich reviewed the current status of hiring a Contract Manager. He noted a recommendation might be made to the Superintendent as soon as the end of this week. A list was passed around to obtain each members E-mail address to be returned to the board. Jim Ullrich reviewed the current status of the SW Bell agreement. He noted, the final agreement has not been received by Bill Bingham. Jim Ullrich also reported that the AISD attorney asked about the status of Amendment Three. Ed Delabarre, the city's attorney, stated that he still wants to meet with the AISD attorney to clear up some differences. Les Marcos recommended that each of the entities attorneys meet to discuss the agreement. Ron Brey recommended that the attorneys meet at the next GAATN board meeting. Ed Delabarre stated that he will send the wording that is in dispute to the Chair for distribution to the attorneys and members.

ITEM #5. Discuss/consider pedernales Electric Cooperative, Inc. (PECI) agreement, and Southwestern Bell agreement. (Ullrich, 5 minutes)

Jim Ullrich has received information from Bill Bingham that Bill has made his first contact with PECI. PECI is requesting information regarding the

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design of the network before they can continue with the agreement. Don Silver noted that some changes have been made *in* PECLs pole placement and that SW Bell is working on completing the design. Glen Smith recommended looking to Circle C. cable company for possible conduit use. Don Silver plans to investigate this. Les Marcos recommended that if the PECL agreement will cause a delay, we should notify the Superintendent of Schools as he requested. It was agreed upon that this would be done once it was determined that a delay may occur. Some discussion was held with regards to several locations which may have pending construction and may cause changes *in* the cable route. Don Silver stated that he has not received definite plans from the parties involved. He will continue to investigate. Les Marcos recommended that Don Silver talk to Tom Frommack at the city.

ITEM #6. Board Chairman Update. (Ullrich, 2 minutes)  
Duplicate entry

ITEM #7. Receive/consider update report from GAATN Construction liaison.  
(Nipper, 15 minutes)

Jean Nipper was not present due to medical reasons. Jim Ullrich stated she has been working with him over the phone to assist in hiring the Contract Manager and other issues. Jim Ullrich announced that there would be a meeting with a video producer Dan Hayes to asses having him help produce the GAATN video. The meeting would be held at 3:00pm on 2/9/95 at B300 in the AISD administration building. Some discussion was held regarding the video.

ITEM #8. Receive/consider update report from AISD Construction Manager and Southwestern Bell representative. (Smith, Silver, 20 minutes)

Glen Smith reviewed some RFls that were returned from SW Bell. Dr. Warlick asked for information regarding RFI #142. Glen stated he would respond to that at a later date. Jim Ullrich asked for a status of the reconfiguration of racks at the Super-node sites. Glen stated he has not had time to respond. Don Silver took a moment to announce the passing of Rick Corbin. Jim Ullrich announced that a letter was sent to Rick Corbin's family on behalf of the GAATN board expressing their condolences and Jim Ullrich attended the funeral on behalf of the board. Don reviewed the completion status of the network rings. Some discussion was held on this matter. Garry Wilkison requested some information on a Video RFI he had submitted. Ron Brey also asked for some information on the same. Glen recommended that a meeting be held with SW Bell on this matter. After some discussion on video requirements, it was determined that a separate meeting should be held to discuss video issues. At 2:45pm Susan Morton (LCRA) joined the meeting.

ITEM #9. Discuss/consider RFI's. (Smith, 10 minutes)  
No further discussion was held.

ITEM #10. Receive/consider update report from GAATN Manager.  
(Phillips, 10 minutes)

Eric Phillips discussed the current status of investigations into liability insurance for the network, Floor plans for the common sites, and his discussions with TESS. Garry Wilkison asked how we will take care of the costs for rearranging the common sites. Don Silver recommended that we look again at how we plan to alter the sites and we may be able to add racks without rearranging racks already installed. Les Marcos commented that we should keep aware of the air cooling requirements. Glen Smith stated he has addressed this for implementation at later date. As requested at a previous meeting, a list of terms with definitions was distributed by Eric Phillips. The list was discussed and it was decided that comments and suggestions would be submitted for discussion at another board meeting. Eric reviewed a draft of operating guidelines for common

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sites requesting future input for additions or changes.

ITEM #11. Discuss/consider recommendations from the Technical Subcommittee.  
(Phillips, 10 minutes)

Eric Phillips reviewed the minutes of the technical subcommittee meeting.

ITEM #12. Discuss/consider hiring a GAATN attorney. (Ullrich, 15 minutes)

A discussion was held and it was determined that a Request for Proposal (RFP) should be developed and through this, a determination could be made as to what time frame the attorney would start. Les Marcos recommended that attorneys from several entities meet together and develop the RFP. Jim Ullrich stated that he would relay this discussion to Linda Picazo and they would proceed to develop a plan.

ITEM #13. Discuss NTIA grant. (Marcos, 10 minutes)

Patrick Jordan distributed a brief describing the NTIA grant and some information relating to grants awarded in 1994. He reviewed this information and some discussion was held by the board. It was decided that Ron Brey would make some changes to last years grant application and after review by the members, letters of support would be added to the application.

ITEM #14. Identify an alternate location for the February 21st meeting and confirm time, date, for next regular meeting. (Ullrich, 1 minute)

Ron Brey recommended that the next meeting be held at the ACC District Administration building, 5930 Middle Fiskville on Tuesday, February 21st at 1:00pm. This was agreed upon by general consensus.

ITEM #15. Suggest agenda items for next meeting. (5 minutes)

Suggested items were: GAATN Amendment #3, GAATN Variable budget, Pedernales Electrical agreement, Tx-DOT and SW Bell agreements, and cable relocation issues.

ITEM #16. Adjourn.

Dr Warlick moved to adjourn the meeting at 4:15pm. The motion was seconded by Ron Brey and passed unanimously. The meeting was adjourned.

GREATER AUSTIN AREA  
TELECOMMUNICATIONS NETWORK

MINUTES OF EMERGENCY MEETING  
February 16, 1995

The GAATN Board of Directors met in emergency session on February 16, 1995, in the AISD board auditorium. The meeting was called to order at 11:10 by Chairman Jim Ullrich. Present were Ron Brey (ACC), Jim Ullrich (AISD), Les Marcos (COA), Ron Norzad (LCRA), Linda Picazo (State GSC), Garry Wilkison (TC), and Wayne Wedemeyer (UT @ A). Board alternates present were Glen Smith (AISD) and Tom Frommack (COA). Eric Phillips, GAATN Network Manager and Jean Nipper, GAATN Contract Liaison were also present.

Linda Picazo moved to accept the resignation of Eric Phillips as network manager effective February 17, 1995. Ron Brey seconded the motion which passed unanimously. A copy of Phillips' resignation letter is attached and made a part of these minutes.

Eric Phillips gave his perspective of the network manager job. Various board members asked him questions about the job description, and if it should be changed.

Jim Ullrich announced that he would send each member a current copy of the job description, the advertisement that was placed in the papers last fall, and a written summation of the network manager position that was being prepared by Eric. Ullrich asked the members review the material and respond with any suggested changes by February 21. He would disseminate the suggestions at the next regular GAATN meeting on February 21. Everyone agreed that time was of the essence and we should move as quickly as possible to fill the position.

Being no further business, the meeting adjourned.

GREATER AUSTIN AREA  
TELECOMMUNICATIONS NETWORK

MINUTES OF REGULAR MEETING  
February 21, 1995

The GAATN Board of Directors met in regular session on February 21, 1995, in the ACC District Administration Building. The meeting was called to order at 1:37 by Chairman Jim Ullrich. Present were Ron Brey (ACC), Jim Ullrich (AISD), Tom Frommack (COA), Ron Norzad (LCRA), Linda Picazo (State GSC), Garry wilkison (TC), and Charles Warlick (UT @ A). Board alternates present were Glen Smith (AISD), Susan Morton (LCRA), James Ting (state GSC) and Wayne Wedemeyer (UT @ A). Also present were Jean Nipper, GAATN Construction Liaison, Don Silver (SWB) and J. Pat Martin, AISD Contract Manager.

1. There were no citizens communications.

2. Ron Brey moved that the minutes of the February 6 regular meeting be approved as printed. Ron Norzad seconded the motion which passed unanimously.

3. Jim Ullrich requested that Item #13 be considered after Item #5. Ron Brey so moved. Linda Picazo seconded the motion which passed unanimously.

4. Jim Ullrich reported that the Southwestern Bell pole attachment agreement has been received and reviewed by Bill Bingham. A marked-up copy had just been received by the chair. The final version should be ready for board approval at the next regular meeting.

5. Jim Ullrich distributed copies of the 1995 Variable Budget with a new column that identifies projected expenditures for the remainder of the fiscal year. A draft of the 1996 Variable Budget is not ready yet. Ron Brey suggested that the \$25,000 deductible set aside for insurance be more clearly identified.

13. Jim Ullrich distributed copies of a proposed budget expenditure of \$3000 to hire Dan Hays to produce a GAATN video. Since it was not clear if two other proposals for professional services needed to be obtained before awarding the contract, by unanimous consent the board agreed to postpone action on this item. Ullrich will check with the AISD purchasing officer to ascertain when request for proposals are needed for professional services.

6. Jim Ullrich told the board that he had received a message from Ed Delabarre that he could not attend the meeting of attorneys that had been scheduled for 1:00 p.m. today to discuss Amendment #3. Delabarre still wanted to confer with GAATN member attorneys. Therefore Amendment #3 remains on hold. Tom Frommack

commented that the cable TV franchise process has been consuming most of Delabarre's time.

7. Ullrich announced that the Perdinales Electric pole attachment agreement will be negotiated as soon as all of the engineers work is completed. The final TxDot right-of-way agreement will be completed soon. Don Silver said that as soon as SWB sends TxDot the proof of insurance that names them as a beneficiary, TxDot will complete the agreement.

8. Jean Nipper gave a report which required a number of motions on the part of the board. The first involved space availability at AISD locations for other Participants.

Charles Warlick moved that the Board formally request that AISD, based on appropriate policy, approve needed space in certain AISD. locations for GAATN participants use. Ron Brey seconded the motion. After additional discussion, Warlick withdrew his motion with the consent of the seconder.

Warlick then moved that the Board formally recommend to the AISD authorities that they approve the use of space for GAATN members in various locations identified in attached documents. Ron Brey seconded the motion which passed unanimously.

The second issue revolved around alternate disaster recovery locations. Tom Frommack moved that Jim Ullrich, as the AISD representative, direct the contract manager to direct Southwestern Bell to place slack in the fiber at certain sites to be identified by the Technology Subcommittee, as long as no additional costs are incurred and the placing of slack neither delays the construction of the network nor damages the integrity of the network. James Ting seconded the motion which passed unanimously.

The third issue revolve around the purchasing of goods and services from the SWB bid awarded by AISD. Tom Frommack moved that Jim Ullrich obtain information regarding the proper procedure to follow to allow GAATN participants to purchase goods and services from the Southwestern Bell bid and other GAATN providers. Ron Brey seconded the motion which passed unanimously.

Nipper then introduced Pat Martin of Marcom Engineering. He is the new contract manager for the SWB contract, hired by AISD. She reminded everyone that according to GAATN board policy, all communications are to flow through the appointed board members. Therefore, all RFI's should be sent to Jim Ullrich who will send them on the Pat Martin.

9. Glen smith distributed a packet of correspondence that he had received since the last meeting. Questions were asked about various letters.

10. There was no discussion on RFI's.

11. Jim Ullrich reported that the Technical Subcommittee met, but was unable to look over the Fibermux equipment, since the company engineers were unable to attend. Their plane was diverted from landing at Austin due to the fog. Glen announced that the next meeting will be held on February 22 at 3:00. Since Eric Phillips had been chairing the meetings, his resignation has left a vacancy. Jim Ullrich reappointed Wayne Wedemeyer as chair of the Technical Subcommittee.

12. Ullrich reported that only Tom Frommack responded with suggestions for changes to the job description for the network manager. These entailed primarily obtaining help for the manager so he/she does not become bogged down in paperwork.

The board members agreed that a newspaper advertisement would not be needed. Ullrich will put the job posting on GAATN letterhead and send to all members so it can be posted at their locations.

14. There was no information on the NTIA grant.

15. The next regular GAATN meeting is on March 6 at 1:30, at LCRA.

16. Agenda items will include budget transfers to cover costs for consulting and professional services, hiring of a producer for the GAATN video, the 1996 Variable Budget, and approval of the SWB pole attachment agreement. In addition, SWB is to provide estimates to the GAATN Contract Manager on potential costs for moving portions of the network when road work or other projects dictate the need to relocate the fiber.

17. Ron Brey moved that the meeting adjourn. James Ting seconded the motion. The meeting was adjourned.

GREATER AUSTIN AREA  
 TELECOMMUNICATIONS NETWORK  
 MINUTES OF REGULAR MEETING  
 March 6, 1995

The GA4.TN Board of Director~ met in regular ~I::S8jon on March 6, 1995, at the Lower ColQrado River Au1hority, 3701 Lake Austin Boulevard, The mcoting was called to order at 1 :35 p.m, by l~nn •• n Jim VIJrich. Present wI::T~ Ch: 1rl~" W:l., 1f,ck (1 JT), R<m 'Rrey (ACe), T{IID F.mmmack (COA), Gary Wilkis(!D. (le), Linda Pica~o (Stdc GSC), and John Edmonds (LCRA). Hoard altentates pre~ent v...ere Mike Beeman (ATSD), \Va)lle Wo;;;dcmc)cT (UT). JaJIII::s Ting (Sla:k.; GSC), and RQII N,m~11d CLeM). Also pr~s'<Int w.,?14; Jean Nipper, GAAIN Constnlcti.on Liaison, l)on SilVCT (SWR). arid J. Pat Mart.i.n, AISD Conl.r;tct M30agcr.

1. Inere were JO citizens oomrmnications.
2. Ron Brey moved tl:lat the minutes oUtle February .1.6 emergt:mcy ml::eting and the February 21 regul;u' meeti.ng be approved. Garry \"i'ilkison st."q:mded the motion which passed unanimously.
3. Jim L'llrich requested that Item # g be cODsidered after Item # 5-.
4. Jim Ullrich reported on. Ihrcr motions from the prciou.s regular: meeting. The space issue w3.c: eLLEJIC(G over to Curt Shaw. AISD Director of Conslruc Lion Man.ageml.: "O.t. for 3 .roc()IDmt'.!1.de li<.mk. the Bl\.,1.rtl. Jim TJI:lri(~h ll~ked PK'lard lnEm'lh~r~ to submit a fm:U and complete list of all required slack points fur future POPs. FinaUy, Jim (Jllrich reported lhat 1Jl~Tt: is no problcm with the six o~r t.,nti.tics purchasing goods and servic;;;; from the SWB bid awarded 11)' AISD. JiIT.l.IJJKioh .reminded mem.oo~ of the ccmunica:tIom; poli~y adopted by the Board which states that all cOnnDu.nicatiQlls sh()uLd go t.hrough the official representative to the Board.
5. Jean Nipper gave a report rcmindtng members ofthc guidelineg; of the Interlocal Agreement and C4:m:Jmjlmell:t!' to meeting com;1nLcti.OT1 deadlines~ to avoid delays in network activation ..
8. W8)ne Wedr;Jl1~rr.r r(;,-por!cd on the activities of the Technical \$UbcllllllJ1i~. Tile comm.itIre is ~cting a policy draft from ^\ISD for sharing and a.cce~sing common equipment space. A discu:li~ion of how space could be expa.od<l with ("":msidcratlon of , issues such as pO\,ver, liVAC, acc.;;ss and security was !abJcd until ^\ISD's space policy is rr:::cclycd. Wayne then r~l'ortcd (D) ~c\cra\llocalj(Ong desi.gnated for slack. points to ensure a solid dc'S:ign which provide.;; redundancy bdwC.:t:.'n USL..T rings and lhc super rings ::llld hetWEEem USET rings <mly and also provides support fi)T SONET inl"!lem~.t.atil..m. Wayne emphasiz~d that the oOldmitt'f..l; worked within the curroot design and

consrUcfion of the ootwm:k, recognizing that redundancy is impertant, hut not more important than compl~ling construction 'without delay.

G. Pat Martin reported on his meetings v.l1b. Don Silver and the importance ofthe Board taking actioo on all outstanding RF.f's. He also reminded tile Hoard members of the SWB fiber optic training ofle,red by SWB. Pat Martin then repOrted 011 his meetings with the Eun ;m;pectors and said rb,qt 1they would he adde~lling' issues together. Finally. he r::imng.ly rCCQf.l1mended that the B(am request a writtj:ln comt'l:l(:nt' fi-om JanCom en standards issues on the 1lctwork and stated th.'lt it v.ill he 1he nmvork lu.a.n,ag~'S r.cspenl\ihility to maintain 1lnd update m:mndank

7. Garry Wilkison moved to accept RfTs # 134 and #151. Llnda ~)iC3Z~ seconded 1he molio11 Which passed unanimously. CIm.rl~ W<li li~ uw"cd 10 aow.pl # 142 aJ.IU Tom Frommack secO'Ided, A"ft;;( discm:siml of policy regarding the city'st\;velve strands in. spurs that are in COA right-of-W3)', .Fro11Jl1lack withdrew his seCQnd and Warlick "Witbdrev.- "the mol1ton.

9. Ron Brey moved to offer a CQlltract to Dan Haysro produce the GAA TN video and ITansfer \$3,000 fwtll insurance to Tmfessiml<"\l ~)rvjces. The mQtion was 8t:1.1md<;:d by Garry Wilki::;oo 311.d pass00. Im:qni'mously.

10, Jim "(Jurich will request li propos-'d from J3:D.com to .illcrease ms~tions during the COngtTUctio11 phase and to participate in the construction meetings.

11. Jim UUrigh discu\$\$s~ the FY'96 vanabte budg~, mentioning profess.ional \$ervi~:s. con1rnet main:enal.1l'e, ~d the .in.<~ul'3nce deducible, and allocating 1he propi->r amount< to network cml.d oonfJ1ru(.:llon manag<nnart ..

12. The Bo.'U'd discussed schedules, including spring break, and determined. that the i1llt::;rvit:"~ flil!" uJC) network. Hl.i:!!lager positinll ;;huuld be held the inorn;ng ofMaroh 20 with possible !u"lion posted fOr the regulm- March 20 meeting. :

U. The Bt).vu wa~ jll.lbmled that a letter of inIt.-nt for NfTA grant-app li~ation is due March 23. Tom Fromnack indicated that Patrick Jordan was attending 1he NTI4.. grant application workshop 00. March 17.

1.4. The ncx1: regular GAAT:N meeting is on March 20 at 1:30. at f ,CRA.

1 S. Agenda items will in.cll.l.d.~ a report from JanConl regarding inSpection proposal, ()Olicy regarding City'!: 12 strands in. s.pun; that are in COA righjt-of:'way, GAA.TN member!i u'ing hids and q\101es of the ulhc:r participants. and the NTIA .g.rant and letter of intent.

16. Ron Er:~y m()ved that the meeting adj()nm John Edm<mds s~(mded the motion. lb==: meeting was adjourned.

GREATER AUSTIN AREA  
TELECOMMUNICATIONS NETWORK

MINUTES OF REGULAR MEETING  
March 20, 1995

The GAATN Board of Directors met in regular session on March 20, 1995, at the Lower Colorado River Authority, 3701 Lake Austin Boulevard. The meeting was called to order at 1:31 p.m. by Chairman Jim Ullrich. Present were Charles Warlick (UT), Ron Brey (ACe), Les Marcos (COA), Garry Wilkison (Te), Linda Picazo (State GSC), and John Edmonds (LCRA). Board alternates present were Mike Beeman (AISD), Wayne Wedemeyer (UT), James Ting (State GSC), Tom Frommack (COA), Lee Hisle (ACe), Ron Norzad (LCRA), and Jim Clark (TC). Also present were J. Pat Martin, AISD Contract Manager, Don Silver (SVI), and Joe Jankowski, JanCom.

1. There were no citizens communications.
2. Approval of the minutes from the March 6 regular meeting was postponed to the April 3 regular meeting.
3. No changes were made in the order of the agenda.
4. Jim Ullrich reported on the status of Jean Nipper, GAATN Construction Liaison.
5. Jim Ullrich gave an update for Jean Nipper, who recommended a board resolution which exempted GAATN from EITD/Public Works rules and regulations. Les Marcos commented that the existing GAATN Interlocal Agreement is grandfathered in the new EUD files and therefore exempt from any new rules and regulations. Public Works rules regarding street cuts will not go into effect until the summer. These rules will impact the city's Water/Waste Water Department more than any other group. No action was taken by the board.
6. Wayne Wedemeyer reported on issues addressed by the Data Work Group of the Technical Subcommittee, including the slack point request list which had been sent to the Board members and alternates and forwarded to Southwestern Bell. Charles Warlick moved that Southwestern Bell leave slack at all points identified in Wedemeyer's March 15 memorandum. Garry Wilkison seconded the motion which passed unanimously.
7. J. Pat Martin, AISD Contract Manager, and Joe Jankowski of JanCom will meet to discuss acceptance and testing procedures on the cable installation. Martin reported that he had drafted a space accommodation document for AISD which should be ready for distribution soon. Martin reported on his concerns about the quality of the installation and the possibilities for latent damage. John Edmonds moved that the Technical Committee meet to address those concerns immediately. Les Marcos seconded the motion which passed unanimously.

8. Ron Brey moved appn) Vil.1 of RFI 153. Garry \Wilkison seconded the motion which passed unanimously.
9. Joe Jankowski submitted a Vo.Titten proposal to .Tim Ullrich on March 20 for inspection work during construction . .Tolm Edmonds moved to accept the contract with .TanCom. Ron Brey seconded the motion. The-motion passed with six favorable votes and an abstention by Garry Wilkison. Ron Brey moved that a budget transfer be made to cover the cost of the work by JanCom. The motion was seconded by Linda Picazo and passed with six favOTable votes and an abstent10n by GalT)' \Wilkison.
10. Wayne Wedemeyer and Jim Ullrich addressed the possibilities for GAATN constmction to avoid out'lges and costly reroutes orBIS and il2S when TXDOT constmcts at 1-35 and Ben \-\lhite. Linda Picazo agreed to get more specific information from TXDOT by the next GAATN board meeting . .Tohn Edmonds moved that construction on B2S be delayed two weeks. Ron Brey seconded the motion which passed unanimously.
11. Ron Brey moved to offer Linda Picazo the GAATN network manager position under the existing tenns. Jolm Edmonds seconded the motion .",hich passed unanimously.
12. Tile board discussed the policy of calT)'ing twelve strands of fiber for the City on J spurs that are in COA right-of-way. Additional strands over tv.-elve are paid for by the City. No action was taken.
13. Jim Ullrich reported on Bill Bingham's recommendation that the Board pass a resolution allowing members ofGAATN to use each other's bids and quotes. Tho question of how much overage is allowed on the construction contract was raised. Jim Ullrich will report on tins issue at the next board meeting.
14. The City of Austin intends to submit a letter of intent by March 23 to apply for a NTIA grant.
15. Jim Ullrich repotted on the GAl\ . TN repotis that he and Tom Frommack made to tile City's Telecommunications Commission and on the report Frommack made to the Electric Utilities Commission. Ullrich questioned what autllOrity these two commissions, especially the Telecommunications Commission, have over GAATN. Charles Warlick recommended that city ordinances be ref. '1Tenced in determining tile relationship between GAATN and the Telecommunications Commission.
16. "l11C next regular board meeting is set for April 3 at 1 :30 p.m. at LCRA.
17. Agenda items for the next meeting include 1.) limiting board meetings to two hours, and 2.)a resoluti(m to allow participants to use ('JAATN hids.

1 R. Garry Wilkison moved that the meeting a(~journ. T jnda Picazo seconded the motion.  
Tlle.meeting was adjourned.

GREATER AUSTIN AREA  
TELECOMMUNICATIONS NETWORK

MINUTES OF REGULAR MEETING  
April 3, 1995.

The GAATN Board of Directors met in regular session on April 3, 1995, at the Lower Colorado River Authority, 3701 Lake Austin Boulevard. The meeting was called to order at 1:36 p.m. by Chairman Jim Ullrich. Present were Charles Warlick (UT), Ron Brey (ACC), Les Marcos (COA), Garry Wilkison (TC), James Ting (State GSC), and Ron Norzad (LCRA). Board alternates present were Tom Frommack (COA) Mike Beeman (AISD) and Wayne Wedemeyer (UT). Also present were Linda Picazo, GAATN Network Manager, Jean Nipper, GAATN Construction Liaison, Don Silver (SWB), Lance Owen, JanCom Engineering, and Vicki Little, EUD.

1. There were no citizen communications.

2. James Ting moved that the minutes of the March 6 regular meeting and the March 20 regular meeting be approved. Ron Brey seconded the motion which passed unanimously. LCRA was not present for the vote.

3. Chairman Jim Ullrich pulled items 7 and 10 from the April 3 agenda. In the future there will be no bi-weekly report from J. Pat Martin, AISD Contract Manager, but AISD will update the Board with significant construction issues. There are too many outstanding issues and questions to be answered on item 10, which was postponed for discussion/consideration until the April 17 regular meeting.

4. In his update, Chairman Jim Ullrich welcomed Linda Picazo as the new GAATN Manager. Ullrich will report at the April 17 regular meeting on AISD's position on the March 16 letter written by Don Silver to AISD about construction delays. Ron Brey reported on Project UNCLE, an NSF grant proposal from a group including ACC, AISD, UT, and LCRA participants. A letter of support from the GAATN board was requested. Brey will draft a letter of support which will be voted on in a specially called board meeting on Friday, April 7.

Ullrich reported that he had received a draft agreement for the use of Pedernales Electric Cooperative's poles from Bill Bingham. He will report on the agreement at the April 17 regular meeting after it has been reviewed by him, the construction liaison, and the network manager.

5. Jean Nipper reported that the March 16 letter from Don Silver to AISD about delays in construction was currently under consideration. Les Marcos moved that Ullrich direct SWB to come back to the board with accurate figures in moving the B1S 1-35 crossing

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farther south. Ron Brey seconded the motion, which passed unanimously. Ullrich will write a letter to Don Silver making the request.

6. There was no report from the Data Work Group of the Technical Subcommittee. The group will meet on April 11 at 3:00 p.m. at the J. J. Pickle Research Center in the Commons Building.

7. Item pulled from agenda.

8. Lance Owen discussed his March 24 construction observation report to AISD. Ron Brey asked that the Board's attention be brought to any situations which were not easily correctable. Owen identified B IN as the problem ring, but commented that the network installation overall was a good system.

9. Charles Warlick and Les Marcos jointly moved for acceptance of RFI #142, Option B as detailed in Don Silver's March 31 letter to Jim Ullrich about UT's spur request. The cost to UT is \$6,486.08 and the cost to the COA is \$1,606.31 for 24 strands of spliced cable. The motion was seconded by Ron Brey and passed unanimously.

10. Item pulled from agenda.

11. To be considered at April 17 regular meeting.

12. Jim Ullrich will fax the language of the 6/6/94 Letter of Understanding which Ed Delabar requests becomes Amendment #3 to the Interlocal Agreement. The item will be posted for action at the April 17 meeting.

13. Jim Ullrich will draft a resolution describing the reporting nature of the GAATN Board to the City Telecommunications Commission to be distributed at the next meeting.

14. Charles Warlick moved to limit future board meetings to two hours with a board vote required for time extension. Ron Norzad seconded the motion, which passed unanimously. ACC was not present for the vote.

15. The next regular GAATN meeting is on April 17 at 1:30 p.m. at LCRA.

16. Agenda items for the next meeting include the election of a vice chair, a report from the Data Work Group, action on the issue of ceasing construction of B2S, a resolution on allowing GAA TN members to use GAA TN bids and pricing, action on Amendment #3, and a resolution on the reporting nature of GAA TN to the City Telecommunications Commission. Ullrich reminded the Board that April 14 is Good Friday and that AISD will be closed. The agenda will be distributed and posted on Thursday, April 13.

17. Garry Wilkison moved for adjournment. Les Marcos seconded the motion, which passed unanimously. The meeting adjourned at 3:29 p.m.

GREATER AUSTIN AREA  
TELECOMMUNICATIONS NETWORK

MINUTES OF REGULAR MEETING  
April 17, 1995

The GAATN Board of Directors met in regular session on April 17, 1995, at the Lower Colorado River Authority, 3701 Lake Austin Boulevard. The meeting was called to order at 1:40 p.m. by Chairman Jim Ullrich. Present were Charles Warlick (UT), Ron Brey (ACC), Les Marcos (COA), Garry Wilkison (TC), Bruce Schremp (GSC), and Ron Norzad (LCRA). Board alternates present were Wayne Wedemeyer (UT), Tom Frommack (COA), Mike Beeman, (AISD), James Ting (GSC), and Jim Clark (TC). Also present were Linda Picazo, GAA TN Network Manager, Jean Nipper, GAA TN Construction Liaison, Glen Smith (AISD), Don Silver (SWB), and David Holle (LCRA).

1. There were no citizen communications.
2. Les Marcos moved that the minutes of the April 3 regular meeting be approved. Garry Wilkison seconded the motion, which passed unanimously.
3. There were no changes in the order of the agenda.
4. Garry Wilkison nominated Ron Brey as Vice Chairman of the GAA TN Board. Les Marcos seconded the nomination. Garry Wilkison then moved to close the nominations and elect Ron Brey by acclamation. The motion was seconded by Bruce Schremp and passed unanimously.
5. Chairman Ullrich distributed copies of a letter from LCRA expressing an interest in obtaining twelve strands on B IN from another GAA TN participant. Ullrich attached copies of the pertinent pages from the Interlocal Agreement addressing the sale of strands between members and the use of network rights. Ullrich and Linda Picazo will develop rules and policies regarding the use of network rights in compliance with the Interlocal Agreement to present to the Board for comment. Ullrich mentioned that the space policy was being worked internally at AISD. He distributed Carol Hays' (SWB) response to JanCom's letter about inspection issues and will send out the most recent findings by JanCom the week of April 17. Finally, Ullrich requested that the technical committee address Don Silver's questions about slack points expressed in Silver's April 12 letter. Wayne Wedemeyer asked to whom the technical committee should respond. Ullrich responded that he, Don Silver, and Jean Nipper should be sent the response from the technical committee simultaneously.
6. Linda Picazo distributed a memorandum which had been sent to Jim Ullrich detailing items to be addressed immediately. Picazo also identified network monitoring, methods for sharing information between entities, and cable location as other important items.

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Picazo requested that board members contact her with any other issues which were not included in the status report.

7. Jean Nipper reminded the board that the RFI on specifically requested space in six of the AISD super node sites had been approved.

8. Wayne Wedemeyer reported on issues which had been addressed in the April 11 technical committee meeting. Those issues included slack points, Southwestern Bell's procedures for testing fiber, space in the super node sites, internet access through the University of Texas, and the possibility of overlashing B1S and B2S in the 1-35/Ben White area. The next technical committee meeting will be held on April 25 at 3:00 p.m. at the J.I Pickle Research Center, in the Commons Building.

9. Garry Wilkison reported on the April 13 meeting of the video committee with a representative from American Lightwave Systems (ALS). Methods for sharing facilities for the transmission of analog video and transport of video to UT for bi-directional instruction and connection to an uplink were considered. The preferred method is to use two strands on A2N as the common video strands and to hand off each participant's fiber to the common fiber at the NOCC at Treaty Oak Square. Wilkison will bring additional information to the board at a later date.

10. Chairman Ullrich distributed another list of RFI's and requested that board members review the list, identify outstanding RFI's, and make a decision to either withdraw or proceed with those RFI's. Les Marcos requested a separate list of only outstanding RFI's. Don Silver agreed to provide such a list.

11. Southwestern Bell confirmed that a temporary suspension in the affected areas of B2S, including the Austin Bergstrom Airport area and the intersection of I-35/Ben White, could be absorbed without any adverse changes in the overall construction schedule. After this confirmation, Les Marcos moved that Southwestern Bell be directed to suspend construction on B2S around the Bergstrom Airport area and also around the I-35/Ben White area for 30 days. The motion also included a request for a report from Southwestern Bell by Friday, April 21, on the costs and timelines for rerouting construction of B2S. Ron Brey seconded the motion, which passed unanimously. Marcos requested that Linda Picazo coordinate a meeting for the affected participants to review the report before the next board meeting.

12. Bruce Schremp moved to accept the reroute of B1S south of St. Elmo as described in Don Silver's April 13 letter to Chairman Ullrich. Ron Norzad seconded the motion. The motion passed with abstentions by Travis County and the University of Texas.

13. Les Marcos moved that the contract for the Construction Liaison be extended for the remainder of the fiscal year. Ron Brey seconded the motion, which passed unanimously.

14. This item was postponed for discussion/consideration until the May 1 regular meeting.

15. Ullrich asked that the members check with their legal counsel on Amendment #3 and be prepared to vote at the May 1 regular meeting.

16. The next regular GAATN meeting is on May 1 at 1:30 p.m. at LCRA.

17. Agenda items for the next regular meeting include the disposition of outstanding RFI's, the status of B2S construction, a resolution on use of OAA TN bids and pricing by members, Amendment #3, the space policy draft, the progress of the OAA TN video, and the letter to the City Telecommunications Commission.

18. Charles Warlick moved for adjournment. Ron Norzad seconded the motion, which passed unanimously. The meeting adjourned at 3:10 p.m.

GREATER AUSTIN AREA  
TELECOMMUNICATIONS NETWORK

MINUTES OF REGULAR MEETING  
May 15, 1995

*Construction  
schedule  
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release  
date  
get  
board*

The GAA TN Board of Directors met in regular session on May 15, 1995, at the Lower Colorado River Authority, 3701 Lake Austin Boulevard. The meeting was called to order at 1:45 p.m. by Chairman Jim Ullrich. Present were Les Marcos (COA), John Edmonds (LCRA), Garry Wilkison (TC), Ron Brey (ACC), Bruce Schremp (State GSC), Wayne Wedemeyer (UT). Board alternates present were Ron Norzad (LCRA), James Ting (State GSC), Mike Beeman (AISD), and Tom Frommack (COA). Also present were Linda Picazo, GAATN Network Manager, Jean Nipper, GAATN Construction Liaison, Don Silver (SWB), Joe Jankowski and Bill Hawk, JanCom Engineering.

1. There were no citizen communications.
2. Les Marcos moved that the minutes of the April 17 regular meeting be approved. Wayne Wedemeyer seconded the motion, which passed unanimously.
3. There were no changes in the order of the agenda.
4. Chairman Ullrich mentioned that he is listed as the GAA TN contact person in the City of Austin's RFI for strategic partners in the development of the City fiber project. The document asks respondents to indicate how the proposed network would be connected to GAA TN. Ullrich also mentioned that he will be out for two days, beginning Friday, May 19.
5. Linda Picazo updated the Board on the status of TESS membership, insurance, a maintenance contract, the RFP for attorney services, and the Siecor training.
6. Jean Nipper distributed a draft of the GAATN Space Accomodation Policy, asking members to review it and submit comments to Chairman Ullrich in preparation for a vote at the May 30 board meeting. Nipper also updated the board on the status of the pole agreement with Southwestern Bell, the cable ordered by Southwestern Bell without a change order, the JanCom inspection reports from Lance Owen, and the BIS/B2S situation.
7. Mike Beeman reported that AISD will be monitoring construction of the network very closely with a team composed of Jim Ullrich, Curt Shaw, Glen Smith, Pat Martin and Gary Putnam, from MarCom Engineering, and Jean Nipper. The team meets every Friday at 2:00 p.m. to review construction issues. Beeman updated the Board on the May 3 COA

Public Works hearing during which R. B. Ring, a subcontractor on the GAATN construction, was issued a warning in response to three previous citations.

Beeman asked Ullrich to review the process for all RH's received by AISD. Ullrich stated that RFI's will first go to JanCom for review before being sent to Southwestern Bell. Once an RFI is accepted by the Board, an official change order is created by Southwestern Bell, which is approved by JanCom and AISD. When asked about time constraints by Tom Frommack, Beeman replied that AISD would strive to have JanCom spend no more than two days reviewing the RFI before sending the request to Southwestern Bell, whose interval is fifteen days.

Beeman asked Glen Smith to update the Board on the status of AIN. Smith stated that AIN was operational as of that day, May 15. Les Marcos asked if the ring had been accepted, and Beeman replied that it had not been accepted and that AISD was waiting on a quality assurance plan which had been requested from Southwestern Bell.

Beeman reported that the COA's RFI #128 had been given to JanCom for review and that Wayne Wedemeyer's request for additional slack points had also been sent to JanCom, following the new procedure for change orders.

8. Wayne Wedemeyer reported on the April 25 meeting of the Technical Committee. The committee voted to ask the Board to approve an order for fiber to be used in emergency situations. Don Silver will fax to Linda Picazo the sizes of fiber he gathered in response to a similar request by Eric Phillips. Wedemeyer also reported on the committee's vote to ask the Board to approve four POPs on the super rings as requested by the State GSC. He explained that because of various applications and technologies used by different entities, there is no differentiation between user and super rings. Wedemeyer emphasized the fact that without other POPs on the super rings, the network has a single point of failure, that is, if the NOC at Treaty Oak were to burn, the entire network would fail. Ron Brey requested a response from JanCom by the May 30 regular meeting regarding the additional POPs. Les Marcos requested an "issue paper" on all changes to the construction of the network.

9. Chairman Ullrich distributed a list of outstanding RFI's and requested that the members continue to review the list and advise him of the disposition of the RH's. Wayne Wedemeyer requested that RFI #133 be withdrawn.

10. Garry Wilkison moved to reconsider the vote taken at the April 19 regular meeting to reroute BIS south of St. Elmo. Bruce Schremp seconded the motion, which passed unanimously. After a presentation by Bill Hawk of JanCom and lengthy discussion among board members, John Edmonds moved that the Board accept JanCom's first recommendation for the short term, completing the construction of BIS as originally designed, but also to continue working with TXDOT about the possibility of placing conduit under I-35 and investigating the eventual reroute of BIS and B2S to avoid the

Handwritten notes and scribbles on the right side of the page, including: )){@Jt.r^(' (, n ~:;,1, ,i:t'~, M~.1, .1/v~7.CCI\_r;lf", ~, ~, i<\_...|/, .yLc, jdown, Outline use, ~~commodity~~, and hole.

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intersection of 1-35 and Ben White. Les Marcos seconded the motion. There were six favorable votes and an abstention by UT.

Les Marcos requested that "low cost" and "high cost" be defined in terms of dollars. Joe Jankowski responded that there was not enough time during this particular evaluation, but that in the future, depending on time constraints, dollar estimates would be included.

11. Bill Hawk presented JanCom's recommendations on the construction of B2S around the Bergstrom area and at the I35/Ben White intersection. During the ensuing lengthy discussion, John Edmonds left and Ron Norzad assumed voting responsibility for LCRA. At 3:45 p.m., Ron Brey moved to extend the meeting an additional fifteen minutes. The motion was seconded by Les Marcos and passed unanimously.

Les Marcos moved to accept JanCom's recommendation to temporarily close the ring and build a spur to Austin Bergstrom International Airport and the Del Valle Correctional Institution along routes recommended by JanCom. Marcos made the motion with the understanding that Bergstrom, Del Valle, and ACC would eventually be part of a ring, either part of B2S or part of a separate, smaller ring. Garry Wilkison seconded the motion, which passed unanimously.

At 4:00 p.m., Les Marcos moved to extend the meeting thirty minutes. Garry Wilkison seconded the motion. There were six favorable votes and an opposing vote by Wayne Wedemeyer.

Garry Wilkison moved to continue with the original design at the 1-35/Ben White intersection on B2S and to pursue JanCom's recommendation to coordinate placement of new poles at the edge of the new right-of-way. Bruce Schremp seconded the motion, which passed unanimously.

12. Discussion/consideration of a resolution allowing GAA TN members to use GAA TN bids and pricing was postponed until the May 30 regular meeting.

13. Discussion/consideration of the FY96 variable budget was postponed until the May 30 regular meeting.

14. Billy Gammon of William Gammon Insurance and Scott Wyatt, Risk Manager for AISD, presented the proposed network insurance policy to the Board. The policy has an annual premium cost of \$47,306.00 and an annual cumulative deductible of \$25,000.00. Les Marcos moved to extend the meeting an additional five minutes. Ron Brey seconded the motion. There were six favorable votes and an opposing vote by Wayne Wedemeyer. Ron Brey requested a written description of the process used in selecting the insurance policy. Linda Picazo will provide the description in the following week.

15. Discussion/consideration of Amendment #3 was postponed until the May 30 regular meeting.

16. An update on the GAATN video was postponed until the May 30 regular meeting.
17. The next regular meeting will be held on Tuesday, May 30, at 1:30 p.m. at LCRA.
18. Agenda items were not discussed.
19. Wayne Wedemeyer moved to adjourn the meeting at 4:35 p.m. Ron Norzad seconded the motion, which passed unanimously.

GREATER AUSTIN AREA  
TELECOMMUNICATIONS NETWORK

MINUTES OF REGULAR MEETING May  
30,1995

The GAA TN Board of Directors met in regular session on May 30, 1995, at the Lower Colorado River Authority, 3701 Lake Austin Boulevard. The meeting was called to order at 1:45 p.m. by Chairman Jim Ullrich. Present were Garry Wilkison (TC), Ron Brey (ACC), Bruce Schremp (State GSC), and Dr. Charles Warlick (UT). Board alternates present were Ron Norzad (LCRA), James Ting (State GSC), Mike Beeman (AISD), Tom Frommack (COA) Jim Clark (TC), and Wayne Wedemeyer (UT). Also present were Linda Picazo, GAATN Network Manager, Jean Nipper, GAATN Construction Liaison, Don Silver (SWB), and Pat Martin (Marcom Engineering).

1. There were no citizen communications.
2. Garry Wilkison moved that the minutes of the May 15 regular meeting be approved. Tom Frommack seconded the motion, which passed unanimously.
3. There were no changes in the order of the agenda.
4. Chairman Ullrich had no official report..
5. Linda Picazo distributed a list of priorities developed for the network manager's position during the past six months and noted the status of those items.
6. Jean Nipper distributed a draft of the GAA TN Space Accommodation Policy. After a discussion with board members, Nipper recommended that AISD rewrite it as only an AISD policy. Nipper reported that the final copy of the Southwestern Bell pole attachment agreement is forthcoming. Nipper also reported on a meeting between AISD and Southwestern Bell. The result of the meeting is that Wayne Weaver of Southwestern Bell will spend much more time in the field inspecting the subcontractors' work.
7. Mike Beeman reported that the bid for construction of A2N had not been released by Southwestern Bell yet, but that Don Silver was confident that the substantial completion date of *12/31/95* would still be met. Beeman then reported that, following the terms of the construction contract, AISD intends to withhold 5% of the final payment to Southwestern Bell pending final testing and acceptance. He requested that the participants continue with their normal payments to AISD. Dr. Warlick requested that he be updated on the status of the University's payments.

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Beeman then distributed a letter from Bill Hawk of JanCom to Jim Ullrich concerning the status of the B2S situation. Tom Frommack reported that Sherry Jones of the EUD faxed a letter to JanCom on Friday, May 26, with more recent information on the EUD's plans for affected areas. AISD will update the board as more progress is made on the issue.

Finally, Beeman distributed another letter from Bill Hawk to Jim Ullrich, dated May 26, 1995. The letter addresses the issue of POP's on the super rings. The letter indicates JanCom's concurrence with the concept of POP's on the super rings which give the requesting entity access to only its fibers. However, JanCom represents in the letter that "the addition of a super ring node, which includes interruption of the entire cable and access to all entities fiber ... represents a significant redesign of the OAA TN ring structure." The final paragraph in the letter recommends "an evaluation of the potential for creating a secondary attachment point between each super ring and its sub rings, and between the super rings. It should be noted that although several entities are not currently planning a network architecture which requires this topology, future installations may dictate that such redundancy be provided."

8. Linda Picazo reported on the May 24 meeting of the Technical Committee. Agenda items for the meeting included a policy on adding POPs on the super rings; network monitoring and management; network standards; shared applications; and RAILL, TBONE and OAATN. Picazo reiterated the committee's support of adding POPs on the super rings and concurrence with the content of Wayne Wedemeyer's "white paper" on the super ring issue, which was requested by Les Marcos at the previous board meeting and distributed at the May 30 board meeting.

Picazo then requested clarification from the board on her role in bringing resolution on the issue of POPs on the super rings by asking whether the issue is a construction issue or a network issue. Chairman Ullrich responded that the issue falls under both construction and network management and that Picazo is to coordinate with the technical committee, construction manager and JanCom to answer questions JanCom has relating to the sites requested and reasons for those requests.

As the engineer of record responsible for the design and integrity of the network, JanCom expressed to the Chairman and the network manager a preference for reviewing all planned requests for super ring POPs in consideration of the entire network and network participants. This approach was detailed in JanCom's May 26 response to the Chairman's May 24 letter requesting review and approval of a single entity's requests for super ring POPs.

Dr. Warlick stepped out of the meeting. Wayne Wedemeyer made a motion that the board approve the concept of POPs on super rings if there were no negative comments from JanCom by the next board meeting. Tom Frommack offered an amendment that the Board approve the concept of POPs on super rings specifically if they do not impact the integrity of the network. After discussion by the board, Frommack withdrew his amendment and Wayne revised his original motion. The revised motion was that the

Board approve the concept of POPs on super rings. Bruce Schremp seconded the motion, which passed unanimously. Schremp requested that JanCom be present at the June 12 board meeting.

Picazo stated that lists of sites; operating guidelines for common sites; and definitions of POPs, spurs, nodes and other terms were distributed to each entity represented at the technical committee meeting for review. Each entity is also to provide Picazo with a list or description of network monitoring requirements.

9. Chairman Ullrich distributed a list of outstanding RFI's and requested that the members continue to review the list and advise him of the disposition of the RFI's. Dr. Warlick mentioned a letter from JanCom about a UT RFI for adding a site at 815 San Gabriel. Warlick asked for assurance that JanCom's comments about the RFI would not delay Southwestern Bell's pricing interval. Ron Brey expressed interest in participating in this particular RFI. Chairman Ullrich will circulate the RFI to determine other participants' interest in sharing.

10. Chairman Ullrich distributed the resolution allowing GAA TN members to use GAA TN bids and pricing. Tom Frommack questioned the wording in item 2 and will prepare alternate language for the June 12 board meeting. Ron Brey moved to extend the meeting ten minutes. Wayne Wedemeyer seconded the motion, which passed unanimously.

11. Linda Picazo presented the variable budget and the supporting documentation for network rights and construction percentages. She requested that the participants review the change order summaries for accuracy. Ron Brey moved for acceptance of the FY96 variable budget. Dr. Warlick seconded the motion, which passed unanimously.

12. No action was taken on Amendment 3.

13. The next regular meeting will be held on Monday, June 12, at 1 :30 p.m. at LCRA in the Long Building, Room L219.

14. Agenda items for the June 12 board meeting will include discussion/consideration of the state's four super ring POP requests, an update on the GAATN video, discussion/consideration of the resolution allowing GAA TN members to use GAA TN bids and pricing, and Amendment 3.

15. Garry Wilkison moved to adjourn the meeting at 3:50 p.m. Bruce Schremp seconded the motion, which passed unanimously.

GREATER AUSTIN AREA  
TELECOMMUNICATIONS NETWORK

MINUTES OF REGULAR MEETING June  
12, 1995

The GAATN Board of Directors met in regular session on June 12, 1995, at the Lower Colorado River Authority, 3701 Lake Austin Boulevard. The meeting was called to order at 1:44 p.m. by Chairman Jim Ullrich. Present were Garry Wilkison (TC), Ron Brey (ACC), Bruce Schremp (State GSC), Dr. Charles Warlick (UT), Les Marcos (COA), and John Edmonds (LCRA). Board alternates present were Ron Norzad (LCRA), James Ting (State GSC), Mike Beeman (AISO), Tom Frommack (COA) and Jim Clark (TC). Also present were Linda Picazo, GAA TN Network Manager, Jean Nipper, GAA TN Construction Liaison, Don Silver (SWB), Joe Jankowski (JanCom), Bill Hawk (JanCom), and Glen Smith (AISO).

1. There were no citizen communications.
2. Bruce Schremp moved that the minutes of the May 30 regular meeting be approved. John Edmonds seconded the motion, which passed unanimously.
3. There were no changes in the order of the agenda.
4. Chairman Ullrich had no official report.
5. Linda Picazo reported that the RFP for a GAATN attorney is complete and in final review. Picazo also reported that she is waiting on written clarification of maintenance information from Southwestern Bell in anticipation of presentation to the board for discussion/consideration at the next regular meeting. Les Marcos requested that it be absolutely clear that the maintenance agreement does not have to be bid out. Picazo responded that Bell had proposed maintenance in the compliant response to the original bid. Bruce Schremp stated that because the one-year warranty would be voided by using another company, the state would not have to bid out the maintenance. Finally, Picazo stated that the updated bylaws are complete and will be presented for discussion/consideration at the next board meeting.
6. Jean Nipper distributed copies of the AISO space accommodation policy for GAA TN. She also distributed copies of the pole attachment agreement between Southwestern Bell and GAA TN and said that the item will be placed on the agenda for formal acceptance by the board at the next regular meeting. Nipper then reported that the right-of-way agreement with the Texas Department of Transportation was complete, and that the final

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copy is forthcoming. She went on to say that the Pedemales agreement is still being work on. Finally, the H. B. Zachary easement situation on DIN is being studied.

7. Mike Beeman reported that construction of AIN is complete. Beeman then requested direction in selecting one of three options presented to the board resolving construction issues associated with DIN. Tom Frommack mentioned that Don Silver recommended Option 2 as the most prudent. Don Silver confirmed that recommendation. Les Marcos stated that from the City's standpoint Option 3 was not the best solution because the public would be at risk by having emergency communications on a spur. Ron Brey said that he thinks that if an entity was originally on a ring, that the entity should continue to be on a ring during any design change.

Brey then moved that Option 2 for rerouting DIN be accepted at a cost of \$30,742.87, built according to existing formulas and to be reconciled at the end of the network construction with the intent to pay for this project from network construction savings, including the LCRA prepayment, or as decided by each entity individually how to pay for its portion. Garry Wilkison seconded the motion. The motion passed with six favorable votes. UT was not present to vote.

When Tom Frommack asked Don Silver when construction on DIN would be complete, Silver said mid-August, but that the time could be improved significantly if the cable, which is standard 96-count, were ordered directly from Siecor without the customized GAATN imprint. Les Marcos asked Silver if that cable would be the same as the other in the network and Silver answered affirmatively.

Joe Jankowski then presented to the board his perspective of JanCom's role in GAATN. Jankowski began by stating that JanCom's role is clearly defined in the construction contract as the owners' representative in technical matters. Jankowski went on to state that JanCom reviews, renders opinions, and makes recommendations on matters, but that only the board, not JanCom, has approval authority.

8. Bill Hawk from JanCom Engineering presented his recommendations that the State be allowed to proceed with their request for four POPs on the super rings and that, secondly, the board approve a study for a plan to develop the network from a single-attached architecture to a dual-attached ring network for SONET deployment. Hawk emphasized that there was no need for immediate construction and that the study was simply a roadmap that would give the entities a migration path and an idea of the implementation costs.

Chairman Ullrich asked Hawk to present the Board with JanCom's proposal for performing the study. Hawk distributed the proposal, which outlined tasks and costs. Ron Brey moved for approval of the study pending available funds from the variable budget. Les Marcos seconded the motion, which passed unanimously. Tom Frommack requested that Hawk ensure that all recommendations be made with the understanding that some entities have stricter budget constraints than others and will be unable to proceed as

quickly in participating in a dual-attached architecture. Linda Picazo stated that that point has been emphasized in the past two technical committee meetings, not only regarding the proposed study, but also in other technical matters.

9. Linda Picazo thanked the board for the affirmative vote on proceeding with the proposed study. She said that the technical committee was poised to proceed in concert with JanCom. Picazo reported on the June 7 technical committee meeting which centered on the issue of a shared DACS (digital access cross-connect system) at Treaty Oak. The result of the meeting was that UT and the State were the only entities able to participate at this time, although the other entities were interested in possible future participation. UT and the State will buy the equipment and request space at Treaty Oak from AISD. UT and the State will develop a plan with consideration for other entities' future requirements. Picazo emphasized that the DACS purchase was not to preclude other entities from participating in the future, at their discretion.

Ron Norzad stated that although he believes that the DACS is the right direction in which to proceed, some entities will not be able to participate at this time. Les Marcos suggested that Picazo familiarize herself with the format of a feasibility study so that she could present the board with the same type of document for all issues requiring board decisions.

Mike Beeman indicated that he and Tom Frommack had discussed the issue of the super ring POPs in terms of defining a process for issues to move from the technical committee to the board.

10. Bruce Schremp moved for approval of the four State POPs on the super rings. John Edmonds seconded the motion, which passed unanimously.

11. Chairman Ullrich distributed a list of outstanding RFI's and requested that the members continue to review the list and advise him of the disposition of the RFI's. Tom Frommack distributed a list of outstanding COA RFI's and asked for approval of RFI's 122, 124, 127, 128, 143, 148, 149, 161, and 165. Frommack stated that the total number of new COA POPs is 19 and that these have no effect on any other entity. Garry Wilkison moved for approval. Ron Brey seconded the motion, which passed unanimously.

Dr. Warlick informed the board that the ownership of RFI 147 had been transferred from UT to GSc.

12. Les Marcos moved to accept Amendment #3. Bruce Schremp seconded the motion, which passed unanimously. Marcos will mail clean copies of the Letter of Understanding and copies of Amendment #3 to the members.

13. Chairman Ullrich reported that he, Ron Brey, and Garry Wilkison have met with Dan Hays and reviewed the first draft of the script for the GAATN video. The second draft will be forwarded to the board for review. Ullrich said that Hays will be taping parts of the next board meeting for inclusion in the video.

14. Chairman Ullrich mentioned an interest of some board members in having meetings only once a month in the second half of 1995. Both Les Marcos and Ron Brey expressed opinions that there were too many agenda items and items requiring action by the board to change the meeting schedule to fewer meetings at this time. Dr. Warlick moved that the board continue to meet every other week. Garry Wilkison seconded the motion, which passed unanimously.

15. The next regular meeting will be held on Monday, June 26, at 1:30 p.m. at LCRA in the board room of the Hancock Building.

16. Suggested agenda items for the next regular meeting include the bylaws, the maintenance contract, members using GAA TN bids and pricing, network insurance, and the Southwestern Bell pole attachment agreement.

17. Garry Wilkison moved to adjourn the meeting at 3:20 p.m. John Edmonds seconded the motion, which passed unanimously.

GREATER AUSTIN AREA  
TELECOMMUNICATIONS NETWORK

MINUTES OF REGULAR MEETING July  
10, 1995

The GAA TN Board of Directors met in regular session on July 10, 1995, at the Lower Colorado River Authority, 3701 Lake Austin Boulevard. The meeting was called to order at 1:41 p.m. by Chairman Jim Ullrich. Present were Frank Curcio (TC), Ron Brey (ACC), Bruce Schremp (State GSC), and John Edmonds (LCRA). Board alternates present were James Ting (State GSC), Mike Beeman (AISD), Tom Frommack (COA) and Wayne Wedemeyer (UT), and Brad Powell (TC). Also present were Linda Picazo, GAATN Network Manager, Jean Nipper, GAATN Construction Liaison, Don Silver (SWB), and Glen Smith (AISD).

1. There were no citizen communications.
2. Bruce Schremp moved that the minutes of the June 26 regular meeting be approved. John Edmonds seconded the motion, which passed with six votes. UT was not present at the time of the vote.
3. Chairman Ullrich reported that James Ting had questioned having the elections at the current meeting or the next meeting. Bruce Schremp recommended proceeding with the elections as shown on the current meeting agenda.
4. Chairman Ullrich reported that Bill Bingham had made contact with Ms. Cox, a manager at Pedernales Electric, who stated that she had forwarded the GAATN proposal for pole attachment to the PEC attorneys and expected an agreement with GAA TN this week. Ullrich also reminded the board that comments about the second draft script for the GAATN video should be sent to him within a day or two. Finally, Ullrich appointed an administrative subcommittee to deal with network expansion issues. The appointees are Jean Nipper, chair, Les Marcos, John Edmonds, Mike Beeman, Jim Ullrich, and Linda Picazo. Bruce Schremp requested that he also be appointed to serve on the committee because of the number of State-originated RF's which will be discussed. Ullrich responded that he saw no problem with Schremp serving on the committee.
5. Linda Picazo reported that she was working with Southwestern Bell on a maintenance contract based on the board's June 26 vote approving a one-year contract. Picazo also mentioned that she is considering a contract with a company for locates in conjunction with the TESS notification. Picazo requested that the members begin making plans to send three representatives to the one-week Siecor training in Keller, Texas, during either

the week of September 11 or September 18. She said that the week of September 25 is also a possibility for those members requiring training for more than three personnel.

Picazo then reported that Ron Brey had requested a budget status in consideration of all the credits and costs accrued during the project Picazo said that she and Jim Ullrich would be prepared to report at the next regular meeting.

Finally, Picazo reported that the technical subcommittee met on July 5 and discussed how the entities wanted to access the Internet at Treaty Oak, network maintenance and monitoring, the DACS at Treaty Oak, and standardization of SONET equipment. She also reported that JanCom would have a draft recommendation from their study of super ring POPs by Friday, July 21. Picazo announced that there would be a meeting at LCRA, Room L419, Wednesday, July 12, at 3:00 p.m., to discuss SONET equipment. She also announced that the next technical subcommittee meeting would be August 2 at the regular time and place.

Wayne Wedemeyer asked Tom Frommack which City representative should determine how the City would get their Internet connection. Wedemeyer had received different and conflicting responses to that question. Frommack responded that any policy decisions would come from either him or Les Marcos. Jim Ullrich stated that any decisions should come through the member.

6. There was no construction liaison update.

7. Mike Beeman reported that the COA's RFI#171 for Waller Creek and also the COA's #168 and #169 had been returned to the City. Beeman also reported that the General Services Commission's RFI#170 had been separated into RFI#'s 172 - 190. Beeman stated that he is waiting for the testing, acceptance and quality control information from Southwestern Bell this week.

Beeman distributed a list of schools which are running voice over GAATN today. He said that AISD is essentially on schedule with their cut-over dates.

8. Chairman Ullrich distributed the list of outstanding RFI's. Ron Brey moved for acceptance of RFI #118.1 for \$59,870.16 and of RFI #162, subsystem 2, underground with innerduct for \$19,664.04. Bruce Schremp seconded the motion, which passed unanimously.

Bruce Schremp cancelled RFI #147. Tom Frommack withdrew RFI #171, which requested that all entities' fiber be pulled into Waller Creek. Wayne Wedemeyer moved for acceptance of the portion of RFI #166, which adds Walter Webb Hall as a POP, at a cost of \$3,365.87. Tom Frommack seconded the motion, which passed unanimously.

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\_ James Ting asked if an entity wanting to sell its fibers to another entity had to come to the Board with an RFI to do so. Chairman Ullrich responded "no". James Ting requested a copy of the electronic spreadsheet from AISD.

Wayne Wedemeyer asked Don Silver if he had received Wayne's fax regarding Sprint. Silver asked for written confirmation from either Mike Beeman or Jim Ullrich.

9. Ron Brey moved to keep Jim Ullrich as Chairman of the GAA TN Board. Frank Curcio moved to close the nominations. The six voting members voted to close nominations for chair, re-electing Jim Ullrich by acclamation. Jim Ullrich abstained.

John Edmonds nominated Ron Brey as vice chair of the GAATN Board. Bruce Schremp moved to close the nominations. The six voting members voted to close nominations for vice chair, electing Ron Brey by acclamation. Ron Brey abstained.

10. The next regular meeting will be held on Monday, July 24, at 1:30 p.m. at LCRA in the Board Room Conference Room of the Hancock Building.

11. Agenda items for the July 24 meeting will include reports from the Chairman, Network Manager, Construction Liaison, and Construction Manager, RFIs, updated network percentages, a tally of change orders and credits, and updates from the administrative subcommittee and JanCom.

12. There being no further business, Chairman Ullrich adjourned the meeting at 2:27 p.m.

**GREATER AUSTIN AREA  
TELECOMMUNICATIONS NETWORK**

**MINUTES OF REGULAR MEETING  
August 7, 1995**

The GAATN Board of Directors met in regular session on August 7, 1995, at the Lower Colorado River Authority, 3701 Lake Austin Boulevard. The meeting was called to order at 1:43 p.m. by Chairman Jim Ullrich. Present were Dr. Charlie Warlick (UT), Bruce Schremp (State GSC), Ron Brey (ACe), Les Marcos (COA), and Frank Curcio (TC). Board alternates present were Michael Beeman (AISD), Lee Hisle (ACC), James Ting (State GSC), Tom Frommack (COA), Wayne Wedemeyer (UT) and David Holle (LCRA). Also present were Glen Smith (AISD), Don Silver (SWB), Joe Jankowski (JanCom), and Bill Hawk (JanCom).

I. There were no citizen communications.

2. Frank Curcio moved that the minutes of the July 26 regular meeting be approved. Les Marcos seconded the motion, which passed unanimously.

3. There were no changes in the order of the agenda.

4. Chairman Ullrich notified the board that he had received a letter from John Edmonds (LCRA) that Ron Norzad had left LCRA and would no longer serve as an alternate to the board. David Holle will serve as the alternate for the August 7 board meeting. Ullrich also stated that Jean Nipper could not be at the meeting and that he would present the Construction Liaison update. Ron Brey asked about the status of the video and Ullrich responded that he needed to touch base with Dan Hays to determine where the script stands.

5. Chairman Ullrich presented the Network Manager update for Linda Picazo who was absent. Ullrich distributed a proposal to approve a one-year contract with Colcom for locate services for buried fiber on the network up to the building entrances. Ullrich stated that the contract would begin after fiber acceptance and that the prices would be available to each entity wanting to have locates done on their property. Costs for locates on the private property of one of the members would be billed to that member. He also stated that projected costs would be hard to determine since they depend on the number of calls where locates need to be made. Linda Picazo is preparing a list of all the grids containing GAATN fiber.

Les Marcos asked if anyone had any discussions on how to set up the contract so that a formal bid would not be required. Ullrich responded that the AISD Purchasing Office would accept and pay the bills if the board determines that sole source is required to handle the acquisition.

Marcos stated that the city may have problems if the service is not bid. Wayne Wedemeyer said that one of the criteria was that the service provider must have a computer link to TESS. According to Wedemeyer, Linda Picazo contacted TESS to determine that Colcom was the only company that could meet this requirement. Both Jim Ullrich and Bruce Schremp stated that they

would not have to bid if they determine a requirement to be sole source. Frank Curcio stated that the Travis County purchasing agent is the only one in the County who can determine that sole source is required. Voting was postponed on this item until the sole source issue is resolved.

6. Chairman Ullrich distributed a resolution from the Administrative Subcommittee proposing procedures to follow in expanding the network beyond the scope of the original contract with Southwestern Bell BDS/LAN. The resolution restated appropriate provisions of the Interlocal Agreement and further resolved to allocate expansion miles according to the percent of construction rights. Ullrich stated that the Administrative Subcommittee would continue to meet every other Monday after the board meeting beginning August 21, 1995. He requested input from board members for topics to be addressed. Les Marcos added that the subcommittee would build a matrix for different situations and develop procedures to be followed in each situation.

Wayne Wedemeyer noted that, based on construction rights, the city would have zero miles to which Ullrich responded the city can expand anywhere on city property, exclusive of the Interlocal Agreement. James Ting posed the situation where the state may need 20 miles of expansion and has only 13 available based on construction rights. How is the additional seven miles handled? In response to Bruce Schremp's suggestion that perhaps the state could purchase expansion miles from another member, Ron Brey pointed out that construction rights cannot be bought or sold. Dr. Warlick, Ullrich, and others added that every expansion would probably include fiber from more than one member, thus rights could be shared to meet mileage requirements.

In response to a question from James Ting on whether a member's expansion on its own would count toward the 100 miles, Ullrich responded that each member can make separate agreements with the city for right-of-way as per the Interlocal Agreement. Dr. Warlick then asked how an expansion of B2S to the Science Park in Smithville would be handled. Ullrich answered that the 100 miles applies only within the City of Austin jurisdiction. Ullrich also added that expansion miles do not include building entrances.

Tom Frommack asked who is keeping track of mileage under the original contract versus the current configuration. Ullrich responded that SWB determines the amount of expansion that has occurred until system acceptance, at which time the Network Manager assumes responsibility for tracking expansion.

Ron Brey recommended deletion of the last provision of the resolution which would allocate expansion miles based on construction rights. Brey proposed that expansions be handled as board decisions on a case-by-case basis. Dr. Warlick recommended that all requests for additional miles be brought before the board and that cumulative totals be presented to the board for advice on actions relating to new requests. Bruce Schremp expressed a concern that, if a member is slow in determining its expansion needs, it could end up with no expansion rights even though it owns a share of the construction rights.

The proposed resolution of the Administrative Subcommittee was returned to the subcommittee for further work. Mike Beeman stated that he felt the subcommittee should be able to develop procedures which meet the concerns of all members.

7. Mike Beeman reported that there had been two recent tear-downs, one near Reagan and one on B IS on Burlison Road near Travis. Both have been repaired. Glen Smith stated that there have been a total of five tear-downs to date. In response to Tom Frommack's question, Smith replied that only two of the tear-downs were on active facilities and that both were backwrapped and had little impact since the electronics continued to function.

Beeman reported that SWB had provided questions and answers for Test and Acceptance procedures to JanCom. Beeman added that both he and JanCom are still not satisfied and will be getting back with SWB.

Beeman then distributed the JanCom recommendation for the temporary closing of the B2S ring and recommended that the board go forward with the JanCom proposal. Closing would include the placement of cable from Allison Elementary south along Vargas Drive to Riverside. From there, three alternate routes were identified. Ron Brey wanted to know when B2S would be completed if we do this, to which Don Silver responded late November. Frank Curcio asked when the spur to Del Valle would be completed. Don Silver answered that there is no way to get a route for service now.

James Ting stated that the provisions of the Interlocal Agreement require that construction meetings be scheduled and that members be notified in order that they can participate. Ting added that the state would like to have input on the schedule for A2N. Ullrich responded that SWB is not involved in the construction meetings every Friday. Don Silver added that he is meeting with the Public Works Department to schedule digging. Mike Beeman recommended that Ting attend the Thursday meetings with SWB and all sub-contractors. Beeman added that, if Ting would let him know the state's concerns, he would push those concerns. Les Marcos stated that he had problems with individual members attending Don Silver's meetings. Ting responded that he wanted to know what is happening and would give his concerns to Mike Beeman.

Frank Curcio said that he needs to report to the Commissioner's Court on the Del Valle spur. Ullrich suggested that he may need to talk to the city council concerning Bergstrom and the state concerning Hwy 71. Tom Frommack added that the city recently released a bid for a portion of the utility corridor through Bergstrom and that coordination is a real challenge. Les Marcos suggested that Curcio obtain the cost of the spur and tell the Commissioner's Court that a spur can be constructed at the quoted cost, but would have to be torn out eventually.

Ron Brey moved the adoption of Option 3 (Montopolis route) for closing B2S. David Holle seconded the motion. Les Marcos suggested that the motion be amended to state the intent to eventually extend the ring to Bergstrom with a spur to Del Valle. Ron Brey amended his motion and David Holle seconded the amendment. The amended motion passed unanimously.

8. Bill Hawk distributed the JanCom report and recommendations on the dual-attached ring study. He stated that the report represents a roadmap, proposed sites are not for immediate construction, and the recommendations considered ease of access, space availability, and cost. According to Hawk, the scope of the report was the interconnection of rings for redundancy. Hawk added that he had no recommendations for implementation.

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Ullrich recommended that the board merely vote to accept the report from JanCom at this time to give the members time to study the report before concluding that JanCom has fulfilled its contract requirements. It was suggested that any motion use the word "receive" rather than "accept". Les Marcos questioned whether the board received enough to say that the study meets, and thus completes, the contract. Marcos added that he needs a statement from the Network Manager that she is satisfied that the report is complete.

A motion to table board action was made by Frank Curcio and seconded by Les Marcos. The motion passed with six votes for and LCRA abstaining.

9. The contract for Locate Services was addressed under Item 5 above (Network Manager update).

10. Chairman Ullrich presented the board with a recommendation to approve payment of charges from McGinnis, Lochridge & Kilgore incurred by GAATN during FY 1995, reimbursing the AISD. Backup documentation was provided with the recommendation. Ullrich added that a Statement of Interest and Qualifications has been sent out by the Network Manager to obtain legal representation for the GAATN Board.

Tom Frommack noted that some of the charges in the detail related to work on Amendment 3 and that the members had agreed to use their own attorneys for the review of Amendment 3. He added that these charges should be assigned to AISD. James Ting asked if there had been a vote by the board to have Bingham provide legal representation. Ullrich responded that 98% of the charges are related to resolving issues with SWB and that using AISD legal services provided continuity since they prepared the initial contract. In addition, AISD is the construction manager, as approved by the board, and using the AISD attorney is simply an extension of the work AISD is doing as construction manager.

Dr. Warlick made a motion to approve reimbursement in the amount of \$7,049 to AISD. Bruce Schremp seconded the motion which passed 6-0 with Travis County absent.

11. RFIs were distributed to the board. James Ting commented that, since JanCom has submitted its report, he would like to see the state's RFIs go forward for state fiber only at this time. Ullrich questioned the proposed connection to the leased facility at Fountain Park Plaza. Ting responded that there is still 2.5 years remaining on a five year lease with options to extend indefinitely and that the site is needed to support GIS requirements.

Tom Frommack requested approval of RFI 168 (Relocate AIN POP at a cost of \$621.59) and RFI 169 (Add POP on B2S at a cost of \$2,232.10). All costs are the responsibility of the city. Les Marcos moved for approval and Ron Brey seconded the motion which passed 6-0 with Travis County absent.

12. The next regular meeting will be held on Monday, August 21, at 1:30 p.m. at LCRA in the Board Room of the Hancock Building.

13. Agenda items for the August 21 meeting will include reports from the Chairman, Network Manager, Construction Liaison, and Construction Manager, RFIs, discussion/consideration of contract for Locate Services, discussion/consideration of the JanCom report, and updates on Pedernales Electric and video.

14. There being no further business, Chairman Ullrich adjourned the meeting at 3:38 p.m.

GREATER AUSTIN AREA  
TELECOMMUNICATIONS NETWORK

MINUTES OF REGULAR MEETING  
August 21, 1995

The GAATN Board of Directors met in regular session on August 21, 1995, at the Lower Colorado River Authority, 3701 Lake Austin Boulevard. The meeting was called to order at 1:39 p.m. by Chairman Jim Ullrich. Present were Dr. Charlie Warlick (UT), Bruce Schremp (State GSC), John Edmonds (LCRA), Frank Curcio (TC), Ron Brey (ACC), and Les Marcos (COA). Board alternates present were Tom Frommack (COA), Wayne Wedemeyer (UT), Brad Powell (TC), and Mike Beeman (AISD). Also present were Linda Picazo, GAATN Network Manager, Jean Nipper, GAATN Construction Liaison, Don Silver (SWB), and Glen Smith (AISD).

1. There were no citizen communications.
2. Ron Brey moved that the minutes of the August 7 regular meeting be approved. Frank Curcio seconded the motion, which passed unanimously.
3. There were no changes in the order of the agenda.
4. Chairman Ullrich referred to the draft script of the GAA TN video which he had faxed to all members and asked for any final comments. John Edmonds questioned the wording on page 7 of "360 million bits per second". Ron Brey recommended substituting the wording "billions of bits" instead. Edmonds also questioned the language at the top of page 13 of "the most immediate benefit" and requested that it be changed to "one immediate benefit".

Frank Curcio then asked Chairman Ullrich about the intent and purpose of the video. Ullrich replied that the members will be able to use the video in presentations to others about the network and can add a customized portion to the video, which is a general overview. Brad Powell, referring to the second paragraph on page 11, asked if Austin really is the first city to "undertake such a project". Ron Brey responded that it is the first network with multiple partners who own their own fiber up front.

Chairman Ullrich then thanked John Edmonds for his assistance in working with him and Bill Bingham to negotiate the pole attachment agreement with Pedernales Electric. Finally, Ullrich referred to a fax he sent to board members the week of August 14 asking for a copy of their letter of appointment to the board by their governing body. Dr. Warlick pointed out that he is designated as the University of Texas at Austin's official board representative in Amendment 1.

5. Linda Picazo reported that she had received six responses from law firms to the RFQ and Statement of Interest she had released. The firms which responded include McGinnis, Lochridge & Kilgore; Lloyd, Gosselink, Fowler, Blevins & Mathews; Smith, Majcher & Mudge; Bickerstaff, Heath & Smiley; Scanlan & Buckle; and Vinson & Elkins. Picazo said that she and Chairman Ullrich were going to bring in the top three respondents for interviews with board members for final selection.

Picazo then reported that the technical subcommittee had met on Wednesday, August 16, and voted unanimously by all present to pass two motions. The motions were to accept JanCom's report and ,secondly, to recommend to the Board that all RFI's held by AISD pending the results of the study be forwarded to Southwestern Bell for pricing. Picazo stated that the subcommittee members are identifying in which of the recommended sites they are interested and in what timeframe.

Bruce Schremp, referring to a letter he had received from Mike Beeman about specifying which RH's the State is interested in, said that the State will hold off on pursuing the RFI's until he can be told the cost involved with each one. Wayne Wedemeyer asked if Southwestern Bell believes that the requests were not made in good faith. Ullrich responded that they are seen as a redesign of the network. Wedemeyer then asked if any RFI creating redundancy would need to be paid for. Ullrich responded that these questions should be discussed during the Construction Manager's update. Dr. Warlick asked if changes outside the contract should be competitively bid. Ullrich responded that a participant can use the existing bid or go out for bid.

Picazo reminded members that the Siecor training will be held the weeks of 9/11 and 9/18 and that Don Silver has information from Siecor on lodging and directions to Keller, Texas.

6. Jean Nipper reported to the Board on health issues she is facing and distributed a report on her activities and accomplishments while working on behalf of the Board as Construction Liaison.

7. Mike Beeman first distributed a mileage report created by Southwestern Bell tracking the mileage changes in the network. The net effect of the changes is an increase of 19.71 miles.

Beeman then distributed a report on the tear downs on the network. There have been five tear downs to date. John Edmonds asked Beeman if the current network redundancy would have allowed the entities to remain operational. Beeman responded that he is comfortable about the wrap back. Two of the tear downs were on rings on which AISD has fibers in operation for voice. The electronics on both rings wrapped back as planned. Les Marcos asked Don Silver if Southwestern Bell is having their attorney pursue the parties who are responsible for knocking down the fiber. Silver responded affirmatively.

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Brad Powell asked if the Board has solicited information on the size and length of cable needed to repair tear downs. Silver emphasized the fact that the cable is nonstandard and said that CoCom and Bell are inventorying the cable so that the Board will know how much to order. Les Marcos recommended that the technical subcommittee develop a restoration plan for tear downs. Brad Powell also requested that the construction manager provide additional information on tear downs such as cause of the tear down and ring identification.

Finally, Beeman distributed a letter from Southwestern Bell on construction changes and a flowchart on AISD's test and acceptance process. He stated that the EUD will be involved in the test and acceptance process. Beeman mentioned that there are delays on D IN. Tom Frommack asked what the substantial completion date is on D IN and Beeman responded that October 15 is the current completion date, but that he is working on moving it forward by two to three weeks.

Bruce Schremp stated that he does not necessarily accept Southwestern Bell's interpretation of the contract and asked who is interpreting the contract on behalf of GAA TN. Les Marcos stated that AISD is trying to manage a moving target and moved that no more RFI's be accepted after a date to be specified by AISD. Ron Brey seconded the motion, which passed unanimously.

Brad Powell asked if entities are responsible for removing GAA TN drop cables from leased facilities when the building is abandoned by the entity. Marcos suggested that the technical subcommittee address the question.

8. Linda Picazo asked the Board to vote to accept the report by JanCom on the dual-attachments. John Edmonds moved for acceptance of the report. Les Marcos seconded the motion, which passed unanimously. Marcos mentioned that the Meta Group had validated the City's network design and offered to share those comments with the Board.

9. Linda Picazo stated that the contract with Colcom for locate services is in harmony with school district purchasing regulations and asked for Board approval. Bruce Schremp moved for approval. John Edmonds seconded the motion, which passed unanimously. Brad Powell brought to the Board's attention the fact that the locates would be to the building penetration. Picazo confirmed this and said that the payments would be shared based on network rights.

10. Don Silver distributed the list of outstanding RFI's. Ron Brey moved to extend the meeting by 10 minutes. John Edmonds seconded the motion, which passed unanimously. After a discussion about UT's RFI #163, Silver stated that he had not provided cost information to UT because he had not received an official document from UT. Wedemeyer stated that he will receive one soon and that the new lease will be effective 9/1/95. Les Marcos moved for acceptance of RFI #191 for \$327.36. Ron Brey seconded the motion, which passed unanimously.

11. The next regular meeting will be held on September 5, at 2:30 p.m. at LCRA.
12. Agenda items for the next meeting will include regular reports.
13. There being no further business, Chairman Ullrich adjourned the meeting at 3:49 p.m.

GREATER AUSTIN AREA  
TELECOMMUNICATIONS NETWORK

MINUTES OF REGULAR MEETING  
September 5, 1995

The GAATN Board of Directors met in regular session on September 5, 1995. at the Lower Colorado River Authority, 3701 Lake Austin Boulevard. The meeting was called to order at 1:42 p.m. by Chairman Jim Ullrich. Present were Dr. Charlie Warlick (UT), Bruce Schremp (State GSC), John Edmonds (LCRA), Frank Curcio (TC), Ron Brey (ACC), and Les Marcos (COA). Board alternates present were Wayne Wedemeyer (UT), James Ting (GSe), and Mike Beeman (AISO). Also present were Linda Picazo, GAATN Network Manager, Oon Silver (SWB), Glen Smith (AISO) and Oon Warren (TC).

1. There were no citizen communications.
2. Ron Brey moved that the minutes of the August 21 regular meeting be approved. John Edmonds seconded the motion, which passed unanimously.
3. There were no changes in the order of the agenda.
4. Chairman Ullrich stated that the second phase of work on the GAATN video had begun. Ullrich also said that he is considering having computer-generated graphics as part of the video and will present cost information to the Board. He anticipates a cost of approximately \$2,000.00.

Chairman Ullrich then said that John Edmonds had managed a meeting with Pedemales Electric on Thursday, September 7, to discuss whether GAATN can use the PEC's rights-of-way, or if GAATN will have to acquire its own easements. Mike Beeman requested that the Chairman call an emergency meeting of the Board in the event GAATN must obtain its own easements because Southwestern Bell has notified AISO as construction manager that there will be significant delay in the project if the situation is not resolved this month.

5. Linda Picazo distributed the agenda for the Monday, September 11, interviews of law firms for OAA TN legal representation. She also distributed a list of the participants in the Siecor training, which will be held the weeks of September 11 and September 18. Picazo then reported that during the technical subcommittee meeting, held on Wednesday, August 30, the following issues were determined to be outstanding: AISO super node access procedures, access to POPs before acceptance, procedures for tear downs, monitoring and locates, testing specs, restoration plan, site abandonment procedures. a

service level agreement for Internet, and video over GAA1N. Finally, Picazo said that she had been working with Colcom on the information for the locate contract.

Ullrich said that the video subcommittee will regroup and suggested that the next meeting be held around the INET/EXNET meetings.

6. Mike Beeman distributed the latest AISD cutover schedule. He said that AISD had a meeting at BDSILAN with JanCom and Marcom to discuss the test and acceptance and quality assurance documents. In light of that discussion, Beeman reported that AISD has requested that JanCom draft a substantial completion certificate. JanCom has completed that assignment and has received comments for modifications to that document from AISD. Beeman will fax the revised document to the Board members for review and comment upon receipt of the final version from JanCom.

Beeman will also update the flowchart developed by Marcom and fax it to the members. Finally, Beeman said that he has received a lot of documentation from Southwestern Bell on quality assurance and that after a final review by AISD he will also fax that to the members.

Wayne Wedemeyer asked who is coordinating the use of the GAATN 01DR. Beeman responded that he and Don Silver will work on a procedure to handle the several entity requests for the equipment John Edmonds offered to share his group's expertise in the area of fiber testing and Les Marcos also offered to share the City's expertise.

7. Don Silver distributed the list of outstanding RFI's. Jim Ullrich mentioned that the latest official change order is number 11. Wayne Wedemeyer stated that Sprint should be in contact with Silver soon on RFI#166. Dr. Warlick moved for and John Edmonds seconded acceptance of RFI#133 in the amount of \$24,449.45. The motion passed with a unanimous vote. Wedemeyer asked that Silver include a second descriptive line under GSC's RFI's.

8. Agenda items for the next meeting will include regular reports and the 1996 variable budget.

9. There being no further business. Chairman Ullrich adjourned the meeting at 3:26 p.m.

GREATER AUSTIN AREA  
TELECOMMUNICATIONS NETWORK

MINUTES OF REGULAR MEETING  
September 18, 1995

The GAATN Board of Directors met in regular session on September 18, 1995, at the Lower Colorado River Authority, 3701 Lake Austin Boulevard. The meeting was called to order at 1:40 p.m. by Chairman Jim Ullrich. Present were Dr. Charlie Warlick (UT), Bruce Schremp (State GSC), John Edmonds (LCRA), Frank Curcio (TC), and Les Marcos (COA). Board alternates present were Wayne Wedemeyer (UT), James Ting (GSC - State), Lee Hisle (ACe), and Mike Beeman (AISD). Also present were Linda Picazo, GAA TN Network Manager, Don Silver (SWB), and Glen Smith (AISD).

1. There were no citizen communications.
2. Bruce Schremp moved that the minutes of the August 21 regular meeting be approved. John Edmonds seconded the motion, which passed unanimously.
3. There were no changes in the order of the agenda.
4. Chairman Ullrich informed the Board about Pat Martin's death the preceding Saturday and the arrangements for the funeral. Ullrich sent flowers on behalf of the Board and AISD. Ullrich then thanked John Edmonds and Larry Clendenden for all their work in bringing the agreement with Pedernales Electric to a close. Finally, Ullrich said that the Administrative Subcommittee meeting would be postponed until October 3.
5. Linda Picazo reported that the Technical Subcommittee had worked through several issues and that video over GAATN is the sole topic for discussion at the next meeting, which will be held on Wednesday, September 27. Picazo said that Jim Ullrich is invited to the meeting to review what the Video Subcommittee had covered and to give a perspective from his involvement in INET/XNET.

Picazo then reviewed the interview process used with the four law firms and the responses to the follow-up questions submitted by those firms. She then opened the discussion to the Board and asked for guidance on proceeding in the selection of a firm. John Edmonds said that he would like LCRA's in-house attorneys to review the potential firms for potential conflict. Edmonds left the meeting at 2:02 p.m. . Several members expressed concern over using a firm which currently represents Time Warner. Concern over using a firm which provides general counsel to one of the entities was also mentioned. Bruce Schremp moved that the Board accept the proposal from Smith, Majcher & Mudge with the understanding that all entities would have their in-house lawyers review the proposal

for potential conflict of interest. Les Marcos seconded the motion, which passed with a unanimous vote from the six members present. At the October 2 regular meeting, a formal vote will be taken to accept the Smith, Majcher, & Mudge proposal.

6. Mike Beeman reported that B IN will be complete in approximately two weeks. He also reported that representatives from Siecor will be in Austin in October to train the participants on the new OTDR equipment. Beeman mentioned that AISD will continue to use Marcom Engineering and are waiting on the substantial completion document from them. Finally, Beeman reported that AISD will be preparing a booth to present GAATN at an education conference in Florida next April.

7. Don Silver distributed the list of outstanding RFI's. Lee Hisle moved for acceptance of RFI#118-4 at a cost of \$22,910.86. Les Marcos seconded the motion, which passed unanimously by the six entities present. Bruce Schremp moved for acceptance of RFI#177 which has no associated costs. Frank Curcio seconded the motion, which passed unanimously by the six entities present.

8. The next regular meeting will be held on October 2, at 1:30 p.m. at LCRA. Mike Beeman will chair the meeting.

9. Agenda items for the next meeting will include regular reports, the 1996 variable budget, the GAA TN video and the vote of approval for attorney services.

10. There being no further business, Chairman Ullrich adjourned the meeting at 3:00 p.m.

**DRAFT**

GREATER AUSTIN AREA  
TELECOMMUNICATIONS NETWORK

MINUTES OF REGULAR MEETING  
October 30, 1995

The GAATN Board of Directors met in regular session on October 16, 1995, at the Lower Colorado River Authority, 3701 Lake Austin Boulevard. The meeting was called to order at 1:35 p.m. by Chairman Jim Ullrich (AISD). Present were Dr. Charlie Warlick (UT), Bruce Schremp (State GSC), and Ron Brey (ACC). Board alternates present were Wayne Wedemeyer (UT), James Ting (GSC-State), Tom Frommack (COA), and Brad Powell (TC). Also present were Linda Picazo, GAA TN Network Manager, Don Silver (SWB), and Glen Smith (AISD). LCRA was not present.

1. There were no citizen communications.
2. Ron Brey moved that the minutes of the October 16 regular meeting be approved. The motion was seconded by Bruce Schremp, and passed unanimously by those members present. Chairman Ullrich, in a point of personal privilege, asked Vice Chair Ron Brey to announce his most recent promotion. Brey reported that both he and Lee Hisle had been promoted to Associate Vice Presidents of Austin Community College.
3. There were no changes in the order of the agenda.
4. Chairman Ullrich reported that he would be giving the construction update in Mike Beeman's absence. Ullrich then distributed updated cost sheets to each entity and said that he will receive information from Don Silver about credits due on B2S as a final update to the sheets. He requested that each member review the sheets and notify him if there are any questions.
5. Linda Picazo reported that she and Jim Ullrich met with Smith, Majcher & Mudge, L.L.P., the new GAATN attorneys, and had made slight changes in the contract. She then reported that she had received comments from the City of Austin on the RFQ for engineering services, which she had incorporated into the document. Picazo offered copies of the draft for any interested member. Picazo then stated that she had talked to Paul Fairbrother of Government Technology Conference who referred her to Tamara Wilson of California. Tamara Wilson sent Picazo the forms and submission requirements for GAATN to have a booth in the Government Solutions area of the conference. Picazo said that she will write the 250-word submission letter for the Board's review. She said that Mark Ansboury of DIR has offered their services free of charge to GAATN to develop a Home Page on the Internet if GAATN is interested.

Picazo said that Don Silver had scheduled the Siecor OTDR training for December 4 and 5 at his location in the Walnut Creek Business District. She reported that she had invited Silver to the next technical subcommittee meeting on November 8, to discuss coordination of the participants' testing the rings between substantial completion and final acceptance.

Finally, Picazo reported that the subcommittee met to discuss the best approach to the sharing of video on GAA TN. She said that a subset of the subcommittee would discuss the technical issues and review a summary of cross-entity applications she would provide from the information distributed by participants at the last meeting. Picazo reported that during discussions of GAA TN applications for TIP monies, Mark Ansboury of DIR discouraged GAA TN application for at least the first year because of the emphasis on poor rural K-12 schools and telemedicine. Ansboury stated that based on his heavy involvement in the creation of HB2128 and familiarity with the types of entities targeted as recipients for the funds, his opinion is that GAA TN would not be a likely recipient the first year. Ron Brey stated that Ansboury's position is half correct, but that poor urban schools are also candidates for the funds and that GAA TN serves areas and provides infrastructure for applications that would apply to grant criteria.

James Ting and Bruce Schremp emphasized that the General Services Commission is the only state agency officially a member of GAA TN. Tom Frommack expressed the opinion that the policy should be that any official communication to the Board come through the member agency or department. Dr. Warlick stated that all of GAA TN's regular and subcommittee meetings are open to the public and that anyone is welcome to attend, but that in no case are any attendees, except those from the seven participating entities, considered members.

6. Chairman Ullrich distributed the most recent AISD cutover schedule. James Ting asked about receiving the design loss information from Don Silver on diskette. Silver said that the actual design loss information will be given to AISD as each ring is submitted as substantially completed.

Ullrich reported that SRS and SRN are very close to substantial completion. He asked that any entity performing testing on a ring inform Linda Picazo before testing. Silver defined substantial completion as having the fiber placed, spliced, and tested to Bell's satisfaction with a punch list for finish-up work. Final acceptance includes AISD's electronics installed and operational.

Ullrich then informed the Board that the City Council will consider the construction on the Hike and Bike Trail at the November 16 Council meeting. According to Ullrich, the Parks Board had to give approval before the City Council could consider the issue. Tom Frommack mentioned that he had tried to add the Circle C construction issue to the November 16 Council agenda, but that public notice must be given three weeks in advance. The Circle C issue will be considered by the Parks Board at their November 14 meeting and at the November 30 City Council meeting. Ullrich said that he is expecting final cost information from the surveyor performing the easement work.

7. Don Silver distributed the list of outstanding RFIs. Ullrich distributed copies of a letter Silver sent to Mike Beeman dated October 27, 1995, referencing several RFIs with invalid cost quotations and several more RFIs with extension requirements because of the length of time between the cost quotation and the lack of action by the Board. Wayne Wedemeyer asked if there is a moratorium on additional construction between the time of substantial completion and final acceptance. Silver said that the Board is free to allow construction on the rings during that period. Dr. Warlick suggested that because the rings are still owned by Southwestern Bell, an entity desiring to have work performed should do so with them.

Bruce Schremp then moved to withdraw all the State-GSC's RFIs with the exception of RFI #111. Ron Brey seconded the motion. During discussion, Tom Frommack expressed concern that in withdrawing all the RFIs, the work that JanCom performed could be negated and that if the RFIs were submitted at a later date the firm winning the RFQ for engineering services would have to repeat JanCom's study. Dr. Warlick suggested that instead of withdrawing all of the RFIs, the State-GSC should suspend the RFIs for action at a later date, allowing the Board approval of JanCom's engineering to stand. With the consent of the seconder, Schremp then modified his motion to withdraw all RFIs from Bell's consideration under the current contract with the exception of RFI # 111. The motion passed by unanimous vote of the six members present.

Brad Powell moved that RFIs #138 and #141 be withdrawn completely. Bruce Schremp seconded the motion, which passed unanimously by the six members present.

Ron Brey moved that RFI #117 be withdrawn from Bell's consideration under the current contract. Tom Frommack seconded the motion, which passed unanimously by the six members present.

Ron Brey moved on behalf of AISD that RFI #119 be withdrawn completely. Tom Frommack seconded the motion, which passed unanimously by the six members present.

Ron Brey moved that RFI #154 be withdrawn completely. Bruce Schremp seconded the motion, which passed unanimously by the six members present.

Dr. Warlick moved that RFIs #152, #158, #163, and #170 be withdrawn completely. Tom Frommack seconded the motion, which passed unanimously by the six members present.

Brad Powell moved that RFI #167 be withdrawn from Bell's consideration under the current contract. Ron Brey seconded the motion, which passed unanimously.

Ron Brey moved on behalf of AISD to accept RFI #121. Tom Frommack seconded the motion, which passed unanimously by the six members present.

James Ting requested the dates of substantial completion for each ring. Ullrich agreed to provide this to Ting.

8. Ullrich requested Board approval of a budget transfer of \$15,000 from the insurance line item to the consulting services line item to cover the \$29,400 cost of JanCom Engineering/RMI completing the work needed to accept the network. Tom Frommack asked if this consulting work is a construction-related expense., Ullrich replied in the affirmative. Bruce Schremp asked if there would be enough money left in insurance to cover the cost of insurance. Ullrich again replied in the affirmative. Ron Brey moved that the \$29,400 encumbrance be approved and that approximately \$19,500 be moved from the insurance line item to credit the City for construction-related expenses, which they are not obligated to bear. Tom Frommack seconded the motion. Voting for the motion were AISD, ACC, the City, and the State-GSc. Abstaining were Travis County and the University of Texas at Austin.

9. The next regular meeting will be held on Monday, November 13, at 1:30 p.m. at LCRA.

10. Agenda items for the next meeting will include regular reports.

11. Chairman Ullrich adjourned the meeting at 3:00 p.m.

GREATER AUSTIN AREA  
TELECOMMUNICATIONS NETWORK

MINUTES OF REGULAR MEETING  
November 13, 1995

The GAATN Board of Directors met in regular session on November 13, 1995, at the Lower Colorado River Authority, 3701 Lake Austin Boulevard. The meeting was called to order at 1:39 p.m. by Chairman Jim Ullrich (AISD). Present were Dr. Charlie Warlick (UT), John Edmonds (LCRA), Les Marcos (COA) and Ron Brey (ACC). Board alternates present were Wayne Wedemeyer (UT), James Ting (GSC-State), Mike Beeman (AISD) and Tom Frommack (COA). Also present were Linda Picazo, GAATN Network Manager, Don Silver (SWB), and Glen Smith (AISD). Travis County was not present.

1. There were no citizen communications.
2. James Ting moved that the minutes of the October 30 regular meeting be approved. The motion was seconded by Ron Brey, and passed unanimously by those members present ..
3. There were no changes in the order of the agenda.
4. Chairman Ullrich reported that he had talked with Dan Hays about the GAA TN video and that the video should be ready to view without the graphics in December. Dr. Warlick suggested that the Board already knows that they want graphics in the video and that Ullrich should proceed with receiving bids for the service.
5. Linda Picazo reported that the technical subcommittee met on November 8 with Don Silver to coordinate the participants' testing of the fiber. Picazo said that Don Silver had scheduled the Siecor OTDR training for December 4 and 5 at his location in the Walnut Creek Business District. She commented that the clocking issue had been discussed and that the subcommittee's consensus was that it would not be a major issue.

Picazo asked the Board if she should look for a grant writer for the TIF application. Ron Brey responded that the applications needed to be developed first. Les Marcos said that a business case should be written before proceeding with a grant request. Brey said that GAA TN should develop the applications and business case whether or not it is part of a grant request.

Picazo reported that Wayne Wedemeyer was pursuing a connection into the AT&T POP and had e-mailed participants about their interest in a GAATN connection as opposed to several independent connections. Picazo asked the Board how to proceed in resolving the

issue. Brey suggested that the Board meet with the attorneys in a work session to answer any legal questions about FCC and PUC regulations surrounding the issue. Ullrich asked Picazo to set up a meeting with the attorneys and board members to address the issue. Les Marcos said that the joint use issue is different from the service provider issue.

Finally, Picazo reported that she had submitted a 250-word description of GAATN to the Government Technology Conference office for inclusion in the Government Solutions Center. Picazo said that she would update the Board as she learned about the conference and whether GAATN would have a booth in the Center.

6. Mike Beeman distributed the most recent AISD cutover schedule. He reported that AISD received the substantial completion document for Super Ring South from Southwestern Bell on Thursday, November 9, and that JanCom was reviewing the submittal. Beeman distributed a GANT chart prepared by JanCom with ring information. He said that there were problems on two rings (A2N and CIS) because of delayed City Council hearings on the permits for construction in Parks and Recreation land. Beeman said that the hearing on A2N for the Hike and Bike Trail and Festival Beach is November 16 and that the CIS hearing is scheduled for December 7. Substantial completion on these rings is January 15 and January 20, respectively. Ullrich reported that the surveyor estimated survey and map costs on CIS of \$15,000. Beeman also reported a slight delay on D IN because of Bell's replacement of the subcontractor. Beeman said that he was pleased with Southwestern Bell's handling of the dismissal of the subcontractor for substandard construction and that Bell had to rebuild entire sections of the network on DIN. James Ting asked who should be informed of a discrepancy found by a participant between planned and actual construction. Beeman said that the participant should inform JanCom directly of any discrepancies.

7. The next regular meeting will be held on Monday, November 27, at 1:30 p.m. at LCRA.

8. Agenda items for the next meeting will include regular reports and the State's transfer of six strands of fiber on B IN to LCRA.

9. Chairman Ullrich adjourned the meeting at 2:38 p.m.

## GREATER AUSTIN AREA TELECOMMUNICATIONS NETWORK

### MINUTES OF REGULAR MEETING November 27, 1995

The GAATN Board of Directors met in regular session on November 27, 1995, at the Lower Colorado River Authority, 3701 Lake Austin Boulevard. The meeting was called to order at 1:35 p.m. by Chairman Jim Ullrich (AISD). Present were Dr. Charlie Warlick (UT), Les Marcos (COA) and Frank Curcio (TC). Board alternates present were Wayne Wedemeyer (UT), James Ting (GSC-State), Mike Beeman (AISD), David Holle (LCRA), Brad Powell (TC) and Tom Frommack (COA). Also present were Linda Picazo, GAATN Network Manager, Don Silver (SWB), and Glen Smith (AISD). ACC was not present.

1. There were no citizen communications.
2. James Ting moved that the minutes of the November 13 regular meeting be approved upon the deletion of Bruce Schremp's name from the members present. The motion was seconded by Dr. Warlick, and passed unanimously by those members present..
3. There were no changes in the order of the agenda.
4. Chairman Ullrich reported that he had talked with Larry Smith of Smith, Majcher & Mudge about responding to a letter he and other board members and alternates had received from a law firm representing a Southwestern Bell subcontractor released from the job for substandard work. The letter made reference to a performance bond and requested a payment from GAATN to the firm's client, Palo Alto Communications. Dr. Warlick asked if the performance bond is in question. Ullrich replied that AISD always issues performance bonds for construction and that because the company was a subcontractor of Southwestern Bell's, any litigation would be against Bell. Mike Beeman said that this issue has been discussed for approximately the past two months and that Southwestern Bell is very aware of the situation and claims full responsibility for the problem. Les Marcos suggested that the response from Smith be very succinct and that if were to be costly to respond that a letter from the chair would be sufficient.

Ullrich also reported that Dan Hays attempted to receive bids from four companies for the graphics for the GAA TN video, but that the companies would not bid without a story board of the animation. He is currently working on the story boards. Hays will have a rough cut without animation for the December 11 regular meeting.

5. Linda Picazo reported that the RFQ for engineering services had been sent to eight firms, including Marcom Engineering, RMI JanCom Engineering, Alexander Utility

Engineering, GTE, Metro Access, Comsul Ltd., AT&T Network Systems, and IXC/CTGI. Picazo said that she had also run an ad in the Sunday newspaper. She stated that she and Ullrich would review the responses, which are due December 8, and set up interviews with the firms the first or second week of January 1996.

Picazo reported that most of the participants had signed up for the mini-OTDR training on December 4 and 5. She also reported that GAATN had been accepted into the Government Solutions Center at the Government Technology Conference and had a 10'x10' space. Picazo requested that members with spare booths or any ideas for a display contact her.

Finally, Picazo referred to the response from Smith, Majcher & Mudge to the questions about whether GAATN can legally attach to an IXC POP for the network and if the Board can discuss such issues in a closed session. In response to Picazo's question to the Board about whether they desired a work session with the attorneys, Les Marcos asked 1) how much it would cost for a work session, 2) anticipated cost of responding to litigation, 3) how is GAATN legally defined, and 4) are there other ways to handle the situation, such as having the IXC locate their POP at Treaty Oak?

Dr. Warlick stated that the question really is, "Can more than one entity's traffic ride over the same pair of fibers to the IXC's POP?". Marcos responded that he believes the answer is "yes", but then the question becomes, "Can the entity providing the fibers charge the other entities for capital equipment used in providing them access to the fibers to the IXC's POP?".

James Ting said that GSC could provide a TEX-AN III POP at Treaty Oak to give all members access to TEX-AN III. Tom Frommack asked if there had been a cost analysis of the different scenarios. Wayne Wedemeyer responded that UT had examined several different scenarios for connecting to Sprint. Wedemeyer said that he received pricing from Time Warner, Southwestern Bell and TEX-AN and that the payback for going directly into Sprint was less than two years. Frommack asked if it would make sense to have the IXC locate at Treaty Oak. Wedemeyer responded that he had also asked that question and that the IXCs will not make the capital investment required to do that without a one to two year commitment. Wedemeyer said that UT decided to use at least two carriers for diversity and want to retain flexibility in making changes based on the best pricing.

The Board instructed Picazo to approach the GAATN law firm with the questions, "Can more than one entity ride a participant's pair of fibers together to an IXC's POP and if there are any associated costs, such as capital equipment required to facilitate the entities' access to the participant's fiber, are those allowable? That is, what would allowable charges to the other participants be in this type of situation?".

Finally, Picazo said that she had received a fax that day from Colcom about a change in companies for One Call locate service. Colcom said that Southwestern Bell was no longer

using TESS, but had changed to Lone Star Notification. Picazo said that she would have more information about this at the December 11 regular meeting.

6. Mike Beeman distributed the most recent A1SD cutover schedule. He reported that Southwestern Bell has now applied for substantial completion on three rings, SRS, SRN, and BIS. He said that SRS is now available for testing by the members. Beeman said that he would begin notifying members by fax as the rings become available for testing. The anticipated dates for submission for substantial completion by ring are AIN-December 1, CIN-December 8, BIN and B2S-December 15. Beeman said that the City Council had approved the permit for A2N on the Hike and Bike Trail at the November 16 meeting and that the permit for CIS is expected to be approved at the December 7 meeting.

Substantial completion on those rings will be January 15 and January 20, respectively.

Beeman then asked Glen Smith to detail to the Board the accident on SRN which occurred when the EUD was changing poles. Smith reported that CoCom was moving the GAATN fiber when the fiber slipped and fell onto 1-35. No one was hurt. Les Marcos said that this type of incident should be noted and that Picazo should develop procedures for this type of maintenance activity.

7. Les Marcos moved to approve the State's transfer of six strands of fiber on B IN to LCRA with no changes to the construction budget. Frank Curcio seconded the motion, which passed unanimously by those present.

8. The next regular meeting will be held on Monday, December 11, at 1:30 p.m. at LCRA.

9. Agenda items for the next meeting will include regular reports, results of the engineering and graphics bids, and the attorneys' opinion on the connection to the IXC.

9. Chairman Ullrich adjourned the meeting at 2:38 p.m.

## GREATER AUSTIN AREA TELECOMMUNICATIONS NETWORK

### MINUTES OF REGULAR MEETING December 11, 1995

The GAA TN Board of Directors met in regular session on December 11, 1995, at the Lower Colorado River Authority, 3701 Lake Austin Boulevard. The meeting was called to order at 1:37 p.m. by Mike Beeman (AISD) standing in for Chairman Jim Ullrich (AISD) and Vice Chairman Ron Brey (ACC), who were not present. Present were Bruce Schremp (GSC), Les Marcos (COA) and Frank Curcio (TC). Board alternates present were Wayne Wedemeyer (UT), James Ting (GSC-State), David Holle (LCRA), and Brad Powell (TC). Also present were Linda Picazo, GAATN Network Manager, Don Silver (SWB), Glen Smith (AISD), Dan Hays and Dineen Majcher. ACe was not present.

1. There were no citizen communications.
2. Bruce Schremp moved that the minutes of the November 27 regular meeting be approved. The motion was seconded by Les Marcos, and passed unanimously by those members present.
3. There were no changes in the order of the agenda.
4. Mike Beeman introduced Dan Hays to the Board and asked that he show the GAATN video in its current form. Hays presented the video and said that there is still a lot of work to do, including the animation portions, which have been more difficult than he anticipated. Hays was asked by the Board to return to the January 8 board meeting to show the video again. Hays indicated that the narration and music would be included in the video at the next meeting.
5. Linda Picazo reported that five responses had been submitted to the RFQ for engineering services, including RMI JanCom Engineering, Alexander Utility Engineering, GTE, Metro Access, and Comsul Ltd. She stated that she and Ullrich would review the responses and set up interviews with the firms the week of January 8, 1996.

Picazo reported that the mini-OTDR training held at the Southwestern Bell BDS/LAN offices at Forbes Drive on December 4 and 5 had been beneficial for the participants. Wayne Wedemeyer asked if the entities had any problem with UT purchasing an upgrade for the GAATN OTDR for multimode testing. Picazo thanked UT on behalf of the Board for their offer. Wedemeyer and Don Silver will discuss the cost and installation of the upgrade. She also reported that the James Mullinex of Fujitsu had contacted her about providing equipment and installation for full-motion video over ATM to the GAATN

booth at the Government Solutions Center at the Government Technology Conference. Picazo asked if any of the participants had questions or problems with Fujitsu providing the equipment and that Fujitsu had requested a letter from GAA TN concurring with their participation. There were no objections from the Board. Picazo also mentioned that Martha Riekenberg from the City was working on a map which would be included in the booth. Finally, Picazo asked that any other members with booths or ideas contact her.

Finally, Picazo referred to the response from Smith, Majcher & Mudge to the questions posed in the last board meeting about having more than one entity's traffic riding a pair of fibers jointly into an IXC's POP and what charges by the owning entity to the other entities would be allowable. Picazo said that the response indicated that the entities would probably be on safe ground if UT charged back a flat fee for equipment used to provide access to their fiber. Bruce Schremp then distributed a memorandum to the members offering to establish a TEX-AN POP at Treaty Oak, giving members free access to TEXAN. Picazo asked the Board how to proceed with the issue. Les Marcos suggested that Picazo write a description of the question and answers, assess the risk of a lawsuit by asking potential opponents for their position, and discuss the cost of such a lawsuit with the GAA TN attorneys. Picazo said that she would have that ready for discussion at the January 8 board meeting.

6. Mike Beeman distributed the most recent AISD cutover schedule. He reported that Southwestern Bell has now applied for substantial completion on three rings, SRS, SRN, BIS and AIN, which are being reviewed by JanCom. He said that CIN, BIN, and B2S are also on their way to JanCom. Beeman said that the permit for *CIS* was approved at the December 7 City Council meeting and thanked Les Marcos for his assistance in the process. Finally, Beeman said that construction on A2N was progressing very well and that substantial completion could be earlier than January 15. Substantial completion for DIN is still expected on December 31 and for *CIS* on January 20.

7. The next regular meeting will be held on Monday, January 8, at 1:30 p.m. at LCRA.

8. Agenda items for the next meeting will include regular reports, the GAATN video presentation, and discussion of the issues on the connection to the IXC.

9. Mike Beeman adjourned the meeting at 2:23 p.m.