

MINUTES**STATE OF NORTH CAROLINA
BOARD OF COMMISSIONERS****COUNTY OF HENDERSON
OCTOBER 16, 1996**

The Henderson County Board of Commissioners met for a regularly scheduled meeting at 9:00 a.m. in the Commissioners' Conference Room of the Henderson County Office Building.

Those present were: Chairman Renee Kumor, Commissioner J. Michael Edney, Commissioner Bob Eklund, Commissioner Don Ward, County Manager David E. Nicholson, Assistant County Manager/Staff Attorney Angela M. Skerrett, County Attorney Don H. Elkins, and Clerk to the Board Elizabeth W. Corn.

Absent: Vice-Chairman Vollie G. Good, who was ill and in the hospital.

CALL TO ORDER/WELCOME

Chairman Kumor called the meeting to order and welcomed all in attendance.

PLEDGE OF ALLEGIANCE

Commissioner Eklund led the Pledge of Allegiance to the American Flag.

INVOCATION

David Nicholson gave the invocation.

DISCUSSION/ADJUSTMENT OF AGENDA

Commissioner Ward added one item to "K" - He had read in the paper that the Henderson County Sheriff's Department received a helicopter. He requested an update.

Commissioner Edney added two items to "K" - An update on the Cable TV situation in the Gerton area and proposed maps on the redistricting for the Commission seats.

David Nicholson asked that item "G" be deleted. Staff will bring that back on the first meeting in November. He informed the Board that item "D" is being printed as we speak. He would like for it to come later in the agenda.

Chairman Kumor reminded the Board of the invitation to be at Kimberly Clark, Berkeley Mills at 2 p.m. today for their celebration of their 50th Anniversary and at 4 p.m. at the new Courthouse to premiere the video on the "Founders Vision".

CONSENT AGENDA

002255
10000

October 16, 1996

Page 2

Commissioner Ward made the motion to approve the consent agenda. All voted in favor and the motion carried.

CONSENT AGENDA included the following:

Re-set Public Hearing - proposed Vested Rights Ordinance

The Henderson County Board of Commissioners will hold a Public Hearing to consider adoption of an Ordinance implementing the statutory Vested Right Provisions pursuant to G.S. 153A-344.1.

Staff requested that the Hearing be scheduled for Monday, November 4 at 7 p.m.

Notification of Vacancy

The Board was notified of one vacancy on Western Carolina Community Action Board of Directors, due to a resignation.

Amendment to the Relocation Policy

At the August 21 meeting, the Board of Commissioners approved an Optional Relocation Policy. This policy is a federal requirement of agencies which participate in the HOME Program. This policy sets forth the requirements associated with the relocation of a family from their home during a rehabilitation project.

Our policy was presented to the Department of Housing and Urban Development's office in Greensboro, NC for their approval. They have requested an amendment to our policy. The amendment is the second paragraph under the Fixed Payment section of the policy.

Staff recommended the amendment to the Optional Relocation Policy.

INFORMAL PUBLIC COMMENTS

L. Dutch Burdette - 101 Boyd Drive. Mr. Burdette stated that on August 26 the Board held a work session on sewer issues. He asked if there had been any decisions made or any further discussions.

Chairman Kumor informed Mr. Burdette that at our last meeting, October 7, the Board adopted a Sewer Policy that has been mailed to all the Mayors.

The Mayors have been invited to set up some dates to talk with the Board of Commissioners. Mayor Highlander said that a date would be forthcoming from his Council.

RECOGNITION OF EMPLOYEE AWARDS

David Nicholson recognized Robert Baird, County Tax Assessor, who then recognized two of his

October 16, 1996

Page 3

staff who had received the following awards:

Mark Edney, Appraisal Director, earned his Residential Evaluation Specialist designation by the IAAO. Mr. Baird stated that this takes about 180 hours of classroom work. He also had to take a 4 hour exam on his knowledge about appraisals. Mr. Edney was recognized and honored in Houston last week.

Pam Carver, Land Records Coordinator, was selected by more than 400 of her peers as the North Carolina Mapper of the Year for 1996/1997. She also serves as President Elect of the North Carolina Property Mappers Association.

The Board applauded these two fine county employees.

INTRODUCTION OF MEDICAL DIRECTOR

David Nicholson recognized Tom Johnson, Health Director, to introduce the new Medical Director.

Dr. Carol Kaufman had served Henderson County as its Medical Director for several years. Dr. Kaufman recently resigned this position.

Mr. Johnson introduced Dr. James (Jim) Irion, who will serve in this position. He has been working at Blue Ridge Health Services for several years. He is well qualified. Dr. Irion has a Medical Degree, specializing in Family Practice, a Pharmacy Degree, a Physician's Assistant Degree and a Masters in Public Health.

Dr. Irion stated that he was happy to be at the Health Dept. and that it would be hard to fill Dr. Kaufman's shoes. He looks forward to working with the County and focusing on preventive health.

ROAD BOND REFERENDUM

Chairman Kumor recognized Dan Waddell and Chip Gould who spoke briefly about the up-coming Road Bond Referendum. Out of this \$4.2 million dollar, Henderson County will receive \$2.9 million which will pave 22.69 miles of secondary roads. With the bond referendum, Henderson County will get these roads paved quicker. There will be no increase in the gasoline tax. The money is already ear-marked from the highway trust fund.

Ray Cantrell stated that the Chamber of Commerce has voted 100% in favor of the Road Bond Referendum. He said it is important to get children to school on safe roads, comparing the school bond issue and the road bond issue.

Commissioner Eklund made the motion to support the Chamber of Commerce's recommendation to support the Road Bond Referendum. All voted in favor and the motion carried.

HENDERSON COUNTY ANNUAL REPORT

David Nicholson requested that this issue be skipped at this time, until later in the agenda.

HOME AND COMMUNITY CARE BLOCK GRANT - Supplemental Funds

Carey McLelland informed the Board that the County's Area Agency, Land-Of-Sky Regional Council, has notified Henderson County of the availability of additional Home and Community Care Block Grant (HCCBG) funding. The total supplemental funds allocated to Henderson County for the current fiscal year is \$87,368. The lead agency has determined that the best use of this additional funding is to build on the initial allocation of funds approved by the Board of Commissioners for Fiscal Year 1996-97. The Steering Committee of the Planning for Older Adults Committee recommended to allocate these supplemental funds to each service provider based on an amount equal to the percentage of the total HCCBG funds received by the service providers initially. The Planning for Older Adults Committee approved this recommendation and voted to send it to the Board of Commissioners for final approval. The Board reviewed a summary chart which detailed the allocation of supplemental fluids, based on their recommendation,

Commissioner Edney made the motion to accept the recommendation on the allocation of HCCBG monies. All voted in favor and the motion carried.

PRELIMINARY REPORT FOR UTILITY SERVICE TO SERVE THE WESTERN CAMPUS OF THE NORTH CAROLINA JUSTICE ACADEMY (WCNCJA)

David Nicholson stated that pursuant to the Board's previous commitment to provide water and sewer service for the WNCJA at the Old Edneyville High School site, the County Manager appointed a committee of staff to study in some detail all the known options for providing such utilities. The options for both water and sewer were summarized for the Board and the committee recommendation reviewed. He asked that the Board take the following action:

1. Agree on the best option for sewer service
2. Adopt the resolution regarding engineering services for sewer services
3. Agree to pursue the recommendation for water service

David Nicholson reminded the Board of the very short time frame. Next fall to early winter they plan to begin holding classes there. They are to be out to bid by the first of 1997.

The City of Hendersonville, in its Master Water Plan, talked about a line to serve the Edneyville community. He recommended a joint venture with the City of Hendersonville to provide water service to the entire community.

For sewer service, Mr. Nicholson recommended a package treatment plant to serve the site as a short term solution. Later the Board may want to revisit the issue of a gravity or a force main sewer line as a long term solution. There is no way we can pursue either a gravity system or a force main system as quickly as it is needed for the campus site.

October 16, 1996

Page 5

Commissioner Eklund made the motion to allow the Manager to proceed with an Engineering firm to pursue Option B for sewer and Option 1 on water with the City of Hendersonville and/or ABWA. His motion included adoption of the "Resolution Concerning Providing Sewer Service To The Western Campus Of The North Carolina Justice Academy". All voted in favor and the motion carried.

PROPOSED ENGINEERING AND ARCHITECTURAL AGREEMENTS FOR CONSTRUCTION OF A TRANSFER STATION

This item was deleted at the beginning of the meeting.

PRESENTATION ON RESPONSIBILITY FOR SCHOOL FACILITIES

Angela Skerrett took the statutes governing school facilities and pulled out two of the statutes that are very pertinent and listed cases and citations. She briefly reviewed these with the Board: NCGS 115C-517 and NCGS 115C-521.

Basically the statutes name the local Board of Education with the responsibility for the school facilities and the local Boards of Commissioners with the funding for the facilities.

Ms. Skerrett stated that the Commissioners power is in determining what expenditures are necessary. There was much discussion.

Chairman Kumor called a five minute recess.

PROPOSED CAPITAL IMPROVEMENTS AND BUDGET CALENDAR FOR FISCAL YEAR 1997-1998

Selena Coffey presented the C.I.P. and Budget Calendar to the Board for approval. She noted some changes from previous year budget calendars.

It was the consensus of the Board to adopt the Proposed Capital Improvements and Budget Calendar for Fiscal Year 1997-98.

Commissioner Ward questioned Selena regarding Fire Dept. budgets. He stated that he would like to see a total break down of the total dollars spent by the Fire Depts. on rescue service versus what is spent on fire service. He also requested a break down of time spent on each function.

PUBLIC MEETING NOTICE AND AGENDAS

David Nicholson has requested that all departments begin to submit their notices of meetings and agendas to the Main Branch of the Public Library. The Reference Section of the Library will maintain a notebook of these notices and agendas. This will allow the public to go to one location to review these documents. This will not replace any current legal posting of notices or agenda but will add to the availability of this information.

UPDATE ON PENDING ISSUES/REQUEST FOR DIRECTION TO THE CHAIR

1. Transylvania letter regarding solid waste - Commissioner Good has followed up with Land Of Sky and pointed out that we already have this committee working at Land Of Sky and he communicated with Bob Shepherd (at LOS). Mr. Shepherd had no knowledge of what Transylvania County wanted to be doing.

After discussion, it was the consensus of the Board for the Chairman to respond to Mr. Masengill, Chairman of Transylvania County Board of Commissioners, that there is such a committee working on this issue through Land OF Sky Regional Council. She will ask if he has something additional in mind.

2. Budget Amendment - VWIN - David Nicholson informed the Board of a letter he had received from Mary Jo Padgett, Executive Director of ECO (Environmental & Conservation Organization of Henderson County) requesting the Board of Commissioners to re-examine the amount of money designated to ECO for its VWIN program for 1996-97.

The Commissioners allocated \$6,050 to VWIN. That amount will more than fund 17 sites but is less than enough to fund the routine 18 sites. They requested an additional \$250 to continue the program in full.

Commissioner Eklund made the motion to approve the request for an additional \$250. All voted in favor and the motion carried.

3. Helicopter - David Nicholson informed the Board that the Sheriff had told him a few weeks ago that they were working with our U.S. Senator's Office to secure two helicopters. Mr. Nicholson informed the Sheriff that he needed information so that he could inform the Board of the details. As of this date he has not received the details he requested. He has put the Sheriff's Dept. in touch with Mona Quinn to get information for our insurance carrier.

The helicopters have not been titled in Henderson County's name nor do we have insurance on them.

It was the recommendation of the County Attorney to notify the appropriate persons that the helicopter is not to be flown. David Nicholson stated that he would draft a letter for the Chairman's signature.

October 16, 1996

Page 7

It was the consensus of the Board to request the Sheriff to come to the next Commission Meeting to address this item.

4. Cable in Gerton area - Matt Matteson reminded the Board of the flood which occurred on September 5. It did massive damage in Bat Cave and Gerton. At that time 74 subscribers on the Northland Cable System lost service, basically in the Gerton community.

Last December the Northland Cable Company bought the old Phoenix franchise. The Board issued that franchise in 1988. It still has 12 years to run out.

On October 1, after a lengthy discussion with representatives from Northland Cable, a letter was sent to all cable subscribers who lost service in the Gerton/Bat Cave community. The letter stated that cable subscribers would no longer have cable service. The reasons were not only was the flood part of the problem but the lines were old and the ice storm in February had taken its toll on the lines. Northland does not plan to restore service. This is not a common practice in the cable business.

Staff researched this matter. They called the Federal Communications folks in Washington, consulted

Rice Williams (our consultants in Washington that we had done business with before with Cablevision), they talked with cable companies. The bottom line is that it was Northland's business decision not to restore service.

Mr. Matteson stated that there is 6.51 miles of cable line, passing 234 homes but only 74 subscribers. The density is 36 homes per mile. If there were more subscribers and the density met the 40 homes per mile, which is in their franchise agreement, then we would have very strong leverage to require them to reconnect the lines and repair the system. The Gerton area is about 60% of the franchise area in Henderson County. There are 50 connections that are still alive, on line in the Bat Cave community.

The recommendations of the Cable TV Review Committee were:

1. Since Northland had indicated that they would be willing to sell the system for \$1.00 if they remove their amplifiers from the lines. The committee would determine which companies, if any, would be willing to acquire that system in its present state and serve the Gerton community
2. The Committee would notify Northland's Insurance carriers of the fact that they had not repaired that section of line.

Commissioner Edney spoke briefly about the situation and the Cable TV Review Committee meeting and recommendation. He stated that CableVision was at the meeting and initially they stated they weren't interested but have since agreed to go back and look at it again. A cable company in Asheville has also shown some interest. Both these cable companies are about six miles away. Either

October 16, 1996

Page 8

company would probably want the customer base from the entire community, not just the 74 customers.

5. Maps, redistricting for Commission seats - Commissioner Edney had asked the tax office staff to give him a map of the current districts for County Commission seats. He then took the maps and redrew the lines, based on the number of dwelling units. He offered those proposed district lines for review. The proposed lines use main roads as opposed to precinct lines as boundaries which would make the districts as equal as possible.

A local bill would have to be passed to be able to change the districts for Commission Seats or either an amendment to the General Statute which would allow the Board of Commissioners to make the change.

Commissioner Edney recommended an amendment to the General Statute which would exempt Henderson County from the exemption in that statute.

Commissioner Edney made the motion to set a Public Hearing for the proposed redistricting for November 4 at 7 p.m. for public input. All voted in favor and the motion carried.

6. ABWA awarded contracts - Commissioner Edney informed the Board that ABWA (Asheville Buncombe Water Authority) awarded the contracts for the Mills River site yesterday. A local company, Cooper Construction, was awarded the \$2.7million contract to do the transmission line.

ABWA is very aware and concerned that this plant is going in one of the most beautiful parts of the county and they plan to do whatever it takes esthetically to make this look very pleasing and fit into the community well.

7. DSS computers - Commissioner Edney asked the County Manager the status on buying 500 computers for DSS.

David Nicholson stated that DSS has appointed a committee to work on it internally as well as their Board. They have been meeting regularly. David Nicholson stated the proposal is not 500, but the expenditure is substantial. If the packages that are available do not meet our needs, then he has told DSS staff and the DSS Board that it is not appropriate to spend that money until the next fiscal year, rather than to make a bad decision. There are two counties who have the project up and running. He thinks that it is important to look at those projects and make sure they are working well and will do so long term.

Commissioner Edney wanted to be sure that all local vendors have an opportunity to bid on the project. David Nicholson stated that because of the size of the project, it will have to be put out to formal bid.

October 16, 1996

Page 9

NOMINATIONS

Chairman Kumor informed the Board of the following vacancies and opened the floor to nominations:

1. Senior Companion Program Advisory Council of Land of Sky - 1 vac. Commissioner Eklund nominated Helen Cohan. Because there was not a full Board present, the vote was rolled.

2. Motor Vehicle Valuation Review Board (MVVRB) - 1 vac. - There were no nominations at this time so the item was rolled to the next meeting

3. Henderson County Industrial Facilities & Pollution Control Authority - 1 vac. - Chairman Kumor nominated Herb Young. A vote will be taken at the next meeting.

4. Mtn. Area Workforce Development Board -2 vac. At our last meeting Cindy Debaibeh and Roger Wellock were nominated. There were no further nominations. A vote was taken which was unanimous to appoint both Cindy Debaibeh and Roger Wellock.

5. Youth Services Advisory Committee. - There were no nominations at this time so the item was rolled to the next meeting.

6. Mountain Valleys Resource Conservation & Development Program - 1 vac. - There were no nominations at this time so the item was rolled to the next meeting.

7. Henderson County Travel & Tourism Committee - 4 vac. - Commissioner Ward nominated Bill Moyer and Mike Edney. Chairman Kumor stated that she would like to continue to serve. Commissioner Eklund nominated John Shiery. Commissioner Edney nominated Renee Kumor. A vote will be taken at the next meeting.

8. Library Board of Trustees - 1 vac. - There were no nominations at this time so the item was rolled to the next meeting.

9. Henderson County Zoning Board of Adjustment - 2 vac. - There were no nominations so this item was rolled to the next meeting.

10. Community Child Protection Team - 5 vac. - Commissioner Edney nominated Dottie Effinger. A vote will be taken at the next meeting.

IMPORTANT DATES

Chairman Kumor reminded the Board of the Public Hearing that was just added to the November 4 meeting on redistricting for Commission seats.

October 16, 1996

Page 10

Commissioner Edney stated that in late November a ground breaking ceremony will be held for the water facility (the date had to be changed from 10-31 and a new date has not been chosen).

CLOSED SESSION

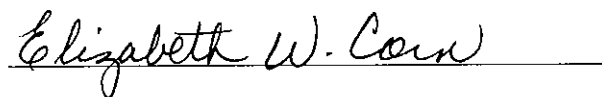
Commissioner Ward made the motion for the Board to go into Closed Session as allowed under NC GS 143-318.11 for the following reasons:

1. (a)(3) To consult with an attorney employed or retained by the public body in order to preserve the attorney-client privilege between the attorney and the public body, which privilege is hereby acknowledged. To consult with an attorney employed or retained by the public body in order to consider and give instructions to the attorney with respect to a claim.
2. (a)(4) To discuss matters relating to the location or expansion of industries or other businesses in the area served by the public body.
3. (a)(6) To consider the qualifications, competence, performance, character, fitness, conditions of appointment, or conditions of initial employment of an individual public officer or employee or prospective public officer or employee; or to hear or investigate a complaint, charge, or grievance by or against an individual public officer or employee.

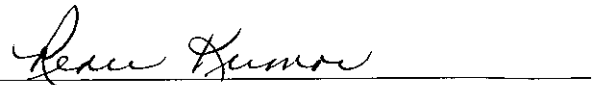
All voted in favor and the motion carried.

There being no further business to come before the Board, the meeting was continued to Thursday, October 24 at 11:00 a.m.

ATTEST:



Elizabeth W. Corn, Clerk



Renee Kumor, Chairman

RESOLUTION CONCERNING PROVIDING SEWER SERVICE
TO THE WESTERN CAMPUS OF THE
NORTH CAROLINA JUSTICE ACADEMY

WHEREAS, the Henderson County Board of Commissioners has agreed to provide sewer service to the Western Campus of the North Carolina Justice Academy which is to be located on Highway 64 at the former site of Edneyville High School in Henderson County, North Carolina; and

WHEREAS, the Henderson County Board of Commissioners has determined that it will hire an engineer to design the sewer system which will be used to provide the sewer service to the said Justice Academy; and

WHEREAS, Henderson County has heretofore engaged the professional services of Jon Laughter, Registered Engineer with Laughter, Austin and Associates to do some preliminary design work in regard to providing sewer service to the said Justice Academy; and

WHEREAS, pursuant to N.C.G.S. 143-64.31, it is the public policy of the State of North Carolina and Henderson County to announce all requirements for engineering services and to select firms qualified to provide such services on the basis of demonstration, competence and qualifications; and

WHEREAS, N.C.G.S. 143-64.32 authorizes the County to exempt projects from the requirements of N.C.G.S. 143-64.31 in the discretion of the Henderson County Board of Commissioners; and

WHEREAS, the Henderson County Board of Commissioners finds that it would be economically beneficial to the taxpayers of Henderson County to continue engineering services for the project with Jon Laughter, Registered Engineer, to avoid duplication of engineering services.

NOW THEREFORE BE IT RESOLVED by the Henderson County Board of Commissioners that the sewer project which will provide sewer service to the said Justice Academy is hereby exempted from the requirements of N.C.G.S. 143-64.31 as allowed by N.C.G.S. 143-64.32 for the reasons stated above. The Henderson County Utilities Department is hereby authorized to proceed with negotiations for engineering services for the sewer project which will provide sewer service to the said Justice Academy with Jon Laughter, Registered Engineer with Laughter, Austin and Associates. The Henderson County Utilities Department shall bring a final draft on an engineering service contract back to the County Manager for his approval and signature.

002285

THIS PAGE INTENTIONALLY LEFT BLANK

Resolution concerning providing sewer service to the western campus of the North Carolina Justice Academy, page 2

THIS the 16th day of Oct. 19 96.

Renee Kumor
Renee Kumor, Chairman

ATTEST: (County Seal)

Elizabeth W. Corn
Clerk:

0002207

THIS PAGE INTENTIONALLY LEFT BLANK

REQUEST FOR BOARD ACTION

002268

HENDERSON COUNTY BOARD OF COMMISSIONERS

MEETING DATE: October 16, 1996

SUBJECT: Preliminary Report for Utility Service to Serve the Western
Campus of the North Carolina Justice Academy (WCNCJA)

ATTACHMENTS: 1. Resolution regarding engineering services for sewer service
2. Preliminary report of study committee
3. Committee recommendations

SUMMARY OF REQUEST:

Pursuant to the Board's previous commitment to provide water and sewer service for the WCNCJA at the Old Edneyville High School site, the County Manager appointed a committee of Staff to study, in some detail, all known options for providing such utilities. The options for both water and sewer are summarized in the attached report and the committee's recommendation is also attached. The Board should take the following action:

1. Agree on the best option for sewer service
2. Adopt the resolution regarding engineering services for sewer services
3. Agree to pursue the recommendation for water service

Staff will be present to answer questions regarding any of these options.

*Copy to Jim E.
10-27-96*

002269

THIS PAGE INTENTIONALLY LEFT BLANK

**PRELIMINARY REPORT FOR COMMITTEE CONSIDERATION OF
OPTIONS FOR WATER AND SEWER SERVICE TO SERVE THE
WESTERN CAMPUS OF THE NORTH CAROLINA
JUSTICE ACADEMY, EDNEYVILLE, NORTH CAROLINA**

Charge of the Committee:

To review all viable options and make a recommendation on how to provide water and sewer service to the proposed Western Campus of the North Carolina Justice Academy (WCNCJA) in Edneyville. The Committee, appointed by the County Manager includes:

Matt Matteson, Planning Director
Angela Skerrett, Assistant County Manager
Robert Smith, Environmental Health Supervisor
Jim Erwin, Utilities Director
Selena Coffey, Budget Analyst
Major Eddie Watkins, Sheriff's Department

Report Deadline:

The committee should have a report as soon as possible so that a recommendation can be made for the Board of Commissioners mid-month October meeting. The Committee will meet on October 1, 1996 to begin review.

Givens:

- The 22.7 acre Edneyville site has been conveyed to the State of North Carolina
- The State has engaged the services of an architect (Martin, Boal, Anthony & Johnson of Charlotte) and plans are being prepared to go to bid by November 1st of this year. Working drawings must be in Raleigh by October 23rd
- Water and sewer must be "in place" by December 1997
- Classes at the academy will begin in January of 1998; initially there will be 150 students plus 36 faculty members plus 14 visitors for a total of 200.

002271

THIS PAGE INTENTIONALLY LEFT BLANK

- For consideration of water and sewer options, for the first year (1998) they will need to have and treat 3,000 gallons per day. For ensuing years (1999) the number will be 25,000 gallons per day.
- Funding for a new on-site 104 bed housing facility was not appropriated. Academy students will likely be housed in motels for the first year.
- Existing on-site well pumps and an existing on-site wastewater treatment plant are deemed unserviceable and cannot be considered for temporary or permanent use by the WCNCJA)
- It will take 21 to 23 months to construct 7.2 mile gravity sanitary sewer line to service the site (\$3.0-\$3.6 million) and it will take 17 months to construct a sewer pump station and force main along US 64 East (\$ 984,000) therefore these options are not offered as viable short terms sewer service options, however they should be reviewed in conjunction with the other listed options.
- At this time, postponement of the opening of the WCNCJA is not an option

Committee Considerations:

The committee should consider that time is the most critical factor, cost is the next most important consideration but overall long term and short term benefits as well as obstacles must be weighed.

002273

THIS PAGE INTENTIONALLY LEFT BLANK

WATER SERVICE - OPTION 1 - WATERLINE ALONG US 64

Scope of Work: Construct 30,000 l.f. (5.7 mi.) of 12 inch and 16 inch waterline along US 64 from existing City of Hendersonville line at Fruitland Road to the Academy site

Time: 12 - 15 months

Cost: \$ 1,080,000

Obstacles: Plans and water allocation must be approved by City of Hendersonville. NCDOT right-of-way encroachment required. Entire route must be surveyed to get a plan profile. Plans must be approved in Raleigh.

Short term benefits: Will immediately allow connections for new water customers along US 64 East, including Edneyville Elementary School.

Long term benefits: Will open up the east side of I-26 for development. A reimbursement agreement with City may allow the County to recover part of its cash investment from new tap-ons. Hydrants along US 64 will reduce insurance costs for adjacent businesses and residential developments.

Note: A project involving a smaller sized line, pump station and elevated tank could be constructed for \$ 116,000 less, but is not listed here as an option because it offers no long term benefits and would take more than 15 months to construct.

002275

THIS PAGE INTENTIONALLY LEFT BLANK

WATER SERVICE - OPTION 2 - ON SITE COMMUNITY WELL AND ELEVATED TANK

Scope of Work: Drill a well at the academy site and construct a 60,000 gallon elevated tank and pump house on site

Time: 12 months

Cost: \$ 412,000

Obstacles: If 1st well (300 to 400 feet deep) does not produce 30 gpm, another must be drilled. Each well must be 200 feet apart. If site contamination is found, the well option may be problematic. Tank and well sites must be approved by architects and NCTA officials. Construction may conflict with academy renovation.

Short term benefits: Allows limited fire protection for academy facilities. May be constructed in less time than a waterline on US 64.

Long term benefits: None

002277

THIS PAGE INTENTIONALLY LEFT BLANK

**SEWER OPTION NO. A - WASTEWATER TREATMENT PLANT ON SITE
- PUMP TO LEWIS CREEK**

Scope of Work: Construct a 25,000 gal. per day package wastewater treatment plant on academy site and pump wastewater to Lewis Creek along US 64 East

Time: 12 months

Cost: \$ 135,000 total (wastewater treatment plant - \$ 75,000; force main and pump station - \$ 60,000)

Obstacles: Requires an NPDES permit. Location on academy site is critical and must be approved by architect

Short term benefits: None

Long term benefits: Such a system may be used indefinitely but offers no benefit to the community

NOTE: A used WWTP may save some cost however must be new enough to meet current DEM requirements.

002279

THIS PAGE INTENTIONALLY LEFT BLANK

**SEWER OPTION NO. B - WASTEWATER TREATMENT PLANT ON
LEWIS CREEK - GRAVITY FLOW FROM
ACADEMY**

Scope of Work: Construct a new 25,000 gal. per day package wastewater treatment plant on Lewis Creek to handle the wastewater from the Academy plus an added amount for potential area development. Construct approximately 5,000 l.f. of 8 inch gravity sewerline along US 64 East.

Time: 15 months

Cost: \$ 250,000

Obstacles: Requires an NPDES discharge permit to discharge into Lewis Creek; the State DEM may be reluctant to permit an expanded package plant unless we commit to a gravity system in the future

Short term benefits: Better alternative than pumping into Lewis Creek. Tap ons would reduce net cost to County

Long term benefits: Such a treatment system may be used by others in the area by gravity flow with the long term plan to eliminate the package plant and extend gravity sewer from the City's treatment plant in Balfour

002281

THIS PAGE INTENTIONALLY LEFT BLANK

SEWER OPTION NO. C - ON-SITE SOIL DRAINAGE SYSTEM

Scope of Work: Construct a on site 3,000 gal./day soil drainage (septic tank) system on 2 acres

Time: 9 months

Cost: \$ 100,000

Obstacles: There is little or no available space for a drainfield on site, this may require that adjacent land be leased or acquired. Any system in excess of 3,000 must be approved in Raleigh. Kitchen facilities are planned on site during the first year.

Short term benefits: May be constructed with only local approvals and provide service for the first year only relatively cheaply

Long term benefits: Unless additional land is purchased for long term academy needs, there would be no long term benefits

002283

THIS PAGE INTENTIONALLY LEFT BLANK

SEWER OPTION NO. D - OFF-SITE SOIL DRAINAGE SYSTEM

Scope of Work: Construct an on-site 25,000 gal./day soil drainage (septic tank) system on 10 acres

Time: 12 - 24 months

Cost: \$ 350,000 (\$ 250,000 - construction, \$ 100,000 - land)

Obstacles: There is little available space for a drainfield on site, this may require that adjacent land be leased or acquired. This system must be approved in Raleigh and requires a soil analysis.

Short term benefits: None.

Long term benefits: Would serve the site indefinitely such as the 20,000 gal. per day soil drainage system that serves the existing NCJA in Sampson County.

002285

THIS PAGE INTENTIONALLY LEFT BLANK

SEWER OPTION NO. E - TEMPORARY HOLDING TANK FOR PUMPING AND HAULING WASTEWATER

Scope of Work: Construct a 5,000 gallon in-ground temporary holding tank on site to collect domestic academy wastewater to be pumped out daily. During such temporary term other sewer options could be constructed however beyond the first year the pump and haul method may be cost prohibitive..

Time: 3 months

Cost: \$ 5,000 - tank, \$ 130 per day to pump. (\$ 130/day per 1000 gal./day - Simpsons). Total 1 year cost, @ 3,000 gpd and 46 weeks per yr., of \$ 95,000

Obstacles: Tank location must be approved by architect and NCJA officials

Short term benefits: Allows the County to pursue other more cost effective wastewater alternatives at a relatively low cost and with little capital investment

Long term benefits: None

NOTE: This option, with little capital investment, may also be used in conjunction with other options and allow the WCNCJA facility to open as scheduled.

002287

THIS PAGE INTENTIONALLY LEFT BLANK

SUMMARY OF OPTIONS

| OPTION NO. | SHORT TITLE | COST* | TIME |
|-------------|--|--------------|--------------|
| Water - 1 | Waterline on US 64 | \$ 1,080,000 | 12-15 mo. |
| Water - 2 | Well & Elevated Tank | \$ 412,000 | 12 mo. |
| | | | |
| Sewer - A | WWTP on Site | \$ 135,000 | 12 mo. |
| Sewer - B | WWTP on Lewis Creek | \$ 250,000 | 15 mo. |
| Sewer - C | Temporary Septic Drainfield (on-site) | \$ 100,000 | 9 mo. |
| Sewer - D | Permanent Septic Drainfield (off-site) | \$ 350,000 | 12 to 24 mo. |
| Sewer - E | Pump & Haul (1 yr.) | \$ 95,000 | 3 mo. |
| | | | |
| Sewer - LT1 | 24 in. Gravity Line on US 64 | \$ 3,648,000 | 23 mo. |
| Sewer - LT2 | 12 in. Gravity Line on US 64 | \$ 3,029,000 | 21 mo. |
| Sewer - LT3 | 6 in. Force Main on US 64 and Lift Station on-site | \$ 984,000 | 17 mo. |

* highest estimated listed only

002289

THIS PAGE INTENTIONALLY LEFT BLANK

COMMITTEE RECOMMENDATIONS

1002290

In evaluating the options available to provide water and sewer service to the North Carolina Justice Academy site in Edneyville, the Committee focused on achieving a cost effective solution that would best address the basic immediate, and long term needs for the site, would offer long term benefits, and would minimize risks. As a result, the Committee recommended the following:

Sewer Service to the Site. The Committee recommended that the Henderson County Board of Commissioners pursue **Option B**, a gravity sewerline and package treatment plant on Lewis Creek, to provide sewer service to the site. The Committee recognized that prior to any final decisions being made this option should be reviewed by a professional engineer to insure that it is, in fact, a viable option. The Committee therefore suggests that the Henderson County Utilities Director be given the authority to negotiate with a professional engineering firm to:

1. Review sewer Option B to determine its viability.
2. Propose other options for consideration by the Board of Commissioners, in the event Option B is not viable.
3. Design, put out to bid, and administer the construction of the sewer service option chosen, whether it be Option B or another option authorized by the Board.

Water Service to the Site. The Committee recommends that the Henderson County Board of Commissioners pursue **Option 1**, a 5.7 mile 12 and 16 inch waterline on US 64 East, for providing water service to the site. The Board should request participation from the City of Hendersonville in the cost and/or construction of this option, as it will fulfill part of their Master Plan for water extensions.

002291

THIS PAGE INTENTIONALLY LEFT BLANK