

WILLIAM RAINEY HARPER COLLEGE
Algonquin & Roselle Roads
Palatine, Illinois 60067

AGENDA

October 22, 1970

- I. Call to Order
- II. Roll Call
- III. Approval of Minutes
- IV. COMMUNICATIONS
- V. New Business
 - A. Discussion & Award of Bid for Demographic Study of Harper College District Exhibit A
 - B. Educational Presentation
 - 1. Communication Division Presentation Exhibit B 1
 - 2. Mathematics & Physical Science Division. Presentation Exhibit B 2
- VI. President's Report
- VII. Adjournment

WILLIAM RAINEY HARPER COLLEGE
BOARD OF TRUSTEES OF JUNIOR COLLEGE DISTRICT 512
COUNTIES OF COOK, KANE, LAKE, AND McHENRY, STATE OF ILLINOIS

Minutes of the Regular Board Meeting of Thursday, October 22, 1970

CALL TO ORDER: In the absence of Chairman Hamill, Vice-Chairman Nicklas called to order the regular meeting of the Board of Trustees of Junior College District No.512 at 8:10 p.m., on October 22, 1970, in the Board Room of the Administration Building, Algonquin and Roselle Roads, Palatine.

ROLL CALL: Present: Members John Haas, Milton Hansen, Lawrence Moats, Joseph Morton and Jessalyn Nicklas.
Absent: Members James Hamill and Richard Johnson

Also present: Robert E. Lahti, M. Bartos, William Bush, Diane Callin, Joseph Clouser, L. Collister, G. Fischer, Robert Hughes, Jack Lucas, T.R.McCabe, D. McKay, W.J.Mann, John Muchmore, Lee Owens, Henry Roepken, Irene Sanderson, C.H.Schauer, James R. Sturdevant, Frank Vandever, George Voegel, and Betty Windham--Harper College; Tom Wellman--Paddock Publications; C.Lucas--Daily Courier; and L.E.Hutchings.

MINUTES: Member Haas moved approval of the minutes of the regular Board meeting of October 8, 1970. Member Hansen seconded the motion. Vice-Chairman Nicklas suggested that on page 2, in the last paragraph, the word legislature should be corrected to read, "legislation." Motion unanimous.

COMMUNICATIONS: Member Morton read a letter he had received from the Northwest Cooperative Mental Health Association requesting that a member of the college be appointed to act as a liaison between Dr.Traeger and the Northwest Mental Health Association. Dr. Fischer informed the Board that the Northwest Cooperative Mental Health Association is trying to incorporate all different agencies within the township in this organization for a more cooperative approach to the handling of mental health problems. He stated he was on that committee. It was agreed that Dr. Fischer was the college's representative. Vice-Chairman Nicklas suggested Dr. Lahti make appropriate reply to letter.

UNFINISHED BUSINESS: None.

NEW BUSINESS:

Demographic Study
of Harper College
District

Dr. Lahti referred to Exhibit A on population projections. He stated he was not sure the administration was ready to ask for action on this exhibit and also pointed out the Board might not want to act in light of the absence of Member Johnson. Vice-Chairman Nicklas stated she felt the Board would want the comments and evaluations of Member Johnson and pointed out that the evaluation on the third company was not complete.

Dr. Lucas reviewed the background on the proposed population projection. He referred to a discussion in June on obtaining data for a possible second campus. He stated one of the problems discussed was population density and the need for more information and better estimates of densities for the future. Dr. Lucas stated consulting firms were solicited and the administration had three firms to present. However, he stated, the proposal from the third firm--Real Estate Corporation--had just been received in the past week and more references were needed on them.

Further discussion followed on the purpose and advantages of such a study, after which the Board agreed this matter would be postponed to the next Board meeting.

Educational
Presentation--
Communications
Division

Dr. Schauer presented Mr. Michael Bartos, Chairman of the Division of Communications. Mr. Bartos stated, "The main concern of the Division of Communications is students and their minds. We have no elaborate laboratories or shops or great capital outlay for equipment. We deal chiefly in ideas, in the written word, in humanity and what it means to be a human being." He stated the emphasis of his presentation would be the people in the division and the people they influence.

In his presentation, Mr. Bartos discussed the programs in the Division of Communications, the number of faculty and staff and the future of the division. He discussed experiments in progress, innovations which have taken place and use of the electronic equipment available in the college. In the future, he stated, innovations and experimentation were expected in all areas of the Division's curriculum. Along with an increase in enrollment, an increase in course offerings was expected.

NEW BUSINESS:
 Educational
 Presentation--
 Communications
 Division (cont.)

He discussed the anticipated increased use of large lecture halls in the English areas and Speech areas. He stated by the end of the year they hoped to have a library technical assisting program and another in some aspect of the theatre. During his presentation, slides were shown of activities in the Communications Division, and a brief segment of "A Streetcar Named Desire" as done by students was shown on videotape. Mr. Bartos introduced the following faculty members, Mrs. Diane Callin, Mr. Lee Owens, Mrs. Irene Sanderson, Mr. John Muchmore, Mr. Henry Roepken, and Mr. Joseph Sturtevant, from the Communications Division.

In the discussion which followed, Mr. Bartos and the faculty discussed and answered questions relative to the percentage of part-time teachers, the use of large lecture halls, the developmental program, the importance of English 101, the student-teacher ratio, upper division courses in foreign language, teaching interns, etc.

Vice-Chairman Nicklas thanked Mr. Bartos and his faculty for their presentation. Mr. Bartos thanked the Board on behalf of the Communications Division.

Educational Pre-
 sentation--Math
 and Physical
 Sciences Div.

Dr. Schauer presented Mr. Larry Collister, Chairman of the Division of Math and Physical Sciences. Mr. Collister pointed out that in contrast to the Division of Communications, the Division of Math and Physical Sciences does have physical equipment inventory, and discussed the tremendous task of moving this equipment from the temporary campuses to the present campus. Mr. Collister discussed the faculty and staff, their background and experience. Using the overhead projector, Mr. Collister discussed the specific courses offered in his division. Mr. Collister spoke of the plans of the division for the future, possible courses being considered, and at the developmental level, new techniques and services undergoing study and review.

Further discussion ensued on the role of the advisory committee, option of pass-fail grades possibly in two year programs, identifying teachers on program listings prior to registration, part-time teachers, class sizes, open house for high school students, consideration of courses in pollution control and environmental technology, and the problems involved with some of these matters.

NEW BUSINESS:
(Cont.)

Vice-Chairman Nicklas thanked Mr. Collister and his faculty on behalf of the Board for their presentation.

PRESIDENT'S
REPORT:

Dr. Lahti reported that Mr. Mann and he had attended the public hearing on financing of community colleges. He stated he had given some testimony that Harper would support the formula in general because it was an interim step and also a step toward financing Harper on a more equal basis with other colleges in the State of Illinois.

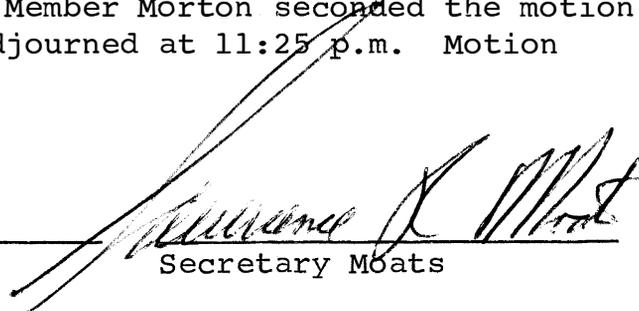
Dr. Lahti referred to a letter from Anthony Scariano, Representative in the Illinois General Assembly, copies of which he had distributed to the Board, questioning the increased costs at Harper and other community colleges. After discussion, Dr. Lahti was instructed to write a response to Representative Scariano's letter.

Dr. Lahti informed the Board that the college's legal firm had requested the Board meet in executive session in order to brief the Board on the college's legal status. The Board agreed to meet in executive session on Tuesday, October 27, at 8:00 p.m.

ADJOURNMENT:

Member Haas moved and Member Morton seconded the motion that the meeting be adjourned at 11:25 p.m. Motion unanimous.


Vice-Chairman Nicklas


Secretary Moats

NORTHWEST COOPERATIVE MENTAL HEALTH ASSOCIATION

1711 WEST CAMPBELL AVENUE, ARLINGTON HEIGHTS, ILLINOIS

October 5th 1970

Dr. Joseph Morton
% Wm. Rainey Garper College
Algonquin & Roselle Rd.,
Palatine, Ill 60067

Dear Sir:-

Being a volunteer charitable organization, namely NMHA, it is doubtful that you have had the opportunity to become acquainted with the services and goals of the many organizations because of your own pressing needs and problems.

Please allow me to take this opportunity to introduce the Northwest Mental Health Association--a voluntary, non-profit organization that is dedicated to solving mental health problems in the Northwest Suburban area. The NMHA operates, as one of its services, a center that provides outpatient care for adults and children.

You are probably wondering how the Wm. Rainey Harper Clg. fits into the scheme. Since mental health is a universal problem, it affects you! Specifically, in order to serve the community, a line of communication has to be established with active volunteer organizations to determine the community needs and to evaluate its services in meeting them.

All we are asking is that you appoint one of your members to act as a liaison between Doctor and the Northwest Mental Health Association. It will not involve much of your time and by becoming acquainted, we can serve our community better.

Your liaison member would have the opportunity to attend planned sessions designed specifically to acquaint our organization with mental health problems in the Northwest Suburban area.

Our community depends upon us to give the best possible services. Don't let them down! Please call or write me.

Sincerely yours,
Mr. John E. Murray-Chairman
731 N. Williams Dr.,
Palatine, Ill. 60067
Phone 358-3658

I SUBJECT

Approval that population projections be made of the area.

II REASON FOR CONSIDERATION BY THE BOARD

The board requested such a population projection be made as necessary input information to a decision regarding a second campus.

III BACKGROUND INFORMATION

The board first asked for a population projection at their June 11th meeting as a result of enrollment projections made by the Office of Planning and Development. At the August 13th meeting of the board two consulting firms were presented who would make such population forecasts. The board decided at that time another consulting firm should be added to the list of applicants and that letters of reference be included. Two decisions must be made. The first would be whether to conduct the study and if so which of the three firms should we select? The Mid-America Appraisal and Research Corporation, Environmental Planning and Research, Inc., and the Real Estate Research Corporation have submitted estimates. The second decision would be whether to secure population forecasts for just District 512 or to include high school Districts 225 and 125.

IV RECOMMENDED ACTION

Approval of one of the three consulting firms presented to conduct a population projection for District 512 only.



A CORPORATE SERVICE GROUP

MID-AMERICA
APPRAISAL & RESEARCH
CORP.

July 23, 1970
File No. 70127

Dr. John Lucas, Director
Office of Planning and Development
William Rainey Harper College
Algonquin and Roselle Roads
Palatine, Illinois 60067

Dear Dr. Lucas:

I have appreciated the opportunity of our recent meeting to discuss your needs for a population projection.

I submit the following proposal for your consideration.

I. Subject

Prepare population projection for District 512 as per map enclosed with your July 9th correspondence.

II. Specifications

- (1) Projection term: 1970-1995
- (2) Internal time intervals: Single years to 1980; five-year intervals thereafter to term.
- (3) Population characteristics: Age by five-year intervals.

III. Approach

- (1) A comparative analysis of available population projections for the subject.
- (2) Preparation of a new projection based upon "components" method--i. e., separate treatment of fertility, mortality and net migration.
- (3) Evaluation of projection results in terms of recent trends in residential construction within the subject.

IV. Time

Sixty days from date of acceptance of a contract.

-2-

V. Fee

Based upon estimated time for personnel assigned to project: \$5,000 - \$6,000.

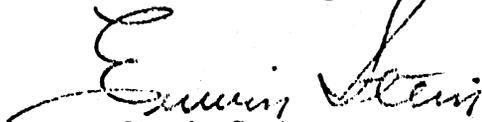
It is my understanding that estimates of college enrollment will be derived by your staff from the population projections furnished. Therefore, the preparation of such estimates is not included in the scope of work proposed here.

Kindly feel free to call upon us should you wish elaboration or clarification of any portion of this proposal.

We look forward to the prospect of working with you.

Sincerely,

MARC a Corporate Service Group



Erwin Stein
Vice-President and Secretary

ES:lg



A CORPORATE SERVICE GROUP

MID-AMERICA
APPRAISAL & RESEARCH
CORP.

August 24, 1970
File No. 70127

Dr. John Lucas, Director
Office of Planning and Development
William Rainey Harper College
Algonquin and Roselle Roads
Palatine, Illinois 60067

Dear Dr. Lucas:

We appreciate the consideration you and your Board of Trustees have accorded our proposal for a population projection study to date, and welcome your inquiry concerning its expansion to districts 225 and 125.

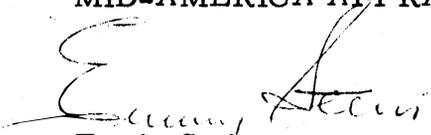
Based upon an estimate of additional time and personnel which will be required for the expanded area, the additional fee would run \$3,500.00. The specifications, approach and timing would remain as described in my original proposal of July 23rd. The projections would be shown individually for each of the three school districts.

A list of recent clients for whom we have performed population projection studies is enclosed.

Your continued interest in our firm is greatly appreciated.

Sincerely,

MID-AMERICA APPRAISAL & RESEARCH CORP.



Erwin Stein

Vice-President and Secretary

ES:lg
Encl.

**Mr. Burton Gordon, Pres.
Columbia National Bank
5250 N. Harlem Avenue
Chicago, Illinois 60656**

**Mr. Ralph L. Herod
Rm. 9212
Dept. of Housing & Urban Development
Washington, D. C.**

**Miss Annabelle Heath, Ass't. to the Pres.
Federal National Mortgage Ass'n.
1133 15th Street N. W.
Washington, D. C.**

**Mr. Lewis W. Hill, Commissioner
Dept. of Development and Planning
City of Chicago
130 North Wells Street - 13th Fl.
Chicago, Illinois 60606**

**Mr. Ronald Berger, Pres.
Real Estate Capital Corp.
30 West Washington Street - 15th Fl.
Chicago, Illinois 60602**



CITY OF CHICAGO • RICHARD J. DALEY, *Mayor*

DEPARTMENT OF DEVELOPMENT AND PLANNING

LEWIS W. HILL
Commissioner

CHARLES P. LIVERMORE
Deputy Commissioner

September 3, 1970

Mr. John A. Lucas
Director
William Rainey Harper College
Algonquin & Roselle Roads
Palatine, Illinois 60067

Dear Mr. Lucas:

Mid-America Appraisal and Research Corporation and Erwin Stein are very familiar names to me and the Department of Development and Planning. They have done a number of studies for us featuring population projections and facility-potential user projections. I have found Mid-America most helpful in the design of a study and most professional in execution of their contracts.

For your information I list three studies they did for us:

- 1) Commercial Policies Study
- 2) Economic Analysis related to a Major Transit Plan
- 3) New Town Study (Lake Calumet)

As you can see, I have no hesitation to recommend this firm and Mr. Stein.

Sincerely,

LEWIS W. HILL
Commissioner

FEDERAL NATIONAL MORTGAGE ASSOCIATION

August 28, 1970

Mr. John A. Lucas, Director
Office of Planning and Development
William Rainey Harper College
Algonquin & Roselle Roads
Palatine, Illinois 60067

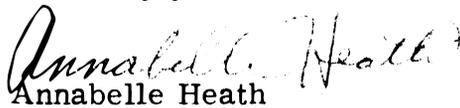
Dear Mr. Lucas:

This is in response to your inquiry of August 26 concerning the capabilities of the Mid-America Appraisal and Research Corporation of Chicago, Illinois, in understanding the factors which influence population densities.

In my opinion, the Mid-America Corporation would be completely reliable and cooperative in approaching any task which it might be called upon to undertake and, I am sure, would provide valuable professional advice and assistance in the furnishing of the population projections mentioned in your letter. Further, any client of Mid-America would have the advantage of receiving personalized attention of the firm's principal staff.

You indicated that Mr. Erwin Stein is your contact with the corporation. I have known Mr. Stein for a number of years and consider that his professional qualifications are above average.

Sincerely yours,


Annabelle Heath

Assistant to the President

Real Estate

Capital Corporation

30 W. WASHINGTON STREET • CHICAGO, ILLINOIS 60602 • (312) 246-6595

August 27, 1970

Mr. John A. Lucas, Director
William Rainey Harper College
359-4200 Algonquin & Roselle Roads
Palatine, Illinois 60067

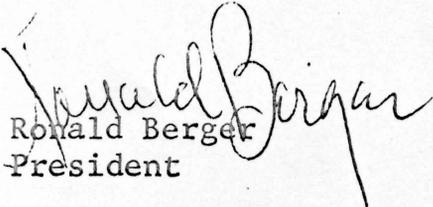
Dear Mr. Lucas:

Mid America Appraisal and Research Corporation has recently completed a market study of the Bensenville, Illinois area for our firm. The report submitted to us illustrates an apparent understanding of demography and the sciences attendant thereto.

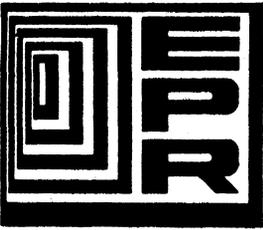
I have had occasion to work with Mr. Stein and find him to be exceptionally knowledgeable in his field and, therefore, feel that should you decide to engage Mid America Appraisal and Research Corporation you would not be disappointed.

Sincerely yours,

REAL ESTATE CAPITAL CORPORATION


Ronald Berger
President

RB:dr



ENVIRONMENTAL PLANNING AND RESEARCH INC.
FINE ARTS BUILDING 410 SOUTH MICHIGAN AVENUE CHICAGO, ILLINOIS 60605 312/427-4769

July 16, 1970

Mr. John A. Lucas, Director
Office of Planning and Development
William Rainey Harper College
359-4200 Algonquin and Roselle Roads
Palatine, Illinois 60067

Dear Mr. Lucas:

We are pleased to submit herewith our proposal for professional services to provide twenty-five year population projections and age groups distributions for College District 512.

Our visit with you on July 8, 1970 and subsequent correspondence have provided us with an opportunity to obtain the necessary perspective and insight for formulating this proposal.

Should any questions have arisen since our last visit or develop as a result of this proposal, please feel free to call upon us for explanation or further discussion.

Very truly yours,

Carl R. Landino
ENVIRONMENTAL PLANNING AND RESEARCH, INC.

CRL/jat

Enclosure



A PROPOSAL
FOR
POPULATION PROJECTIONS
AND
AGE GROUP DISTRIBUTIONS
FOR
COLLEGE DISTRICT 512

Presented to the
William Rainey Harper College
Office of Planning and Development
Palatine, Illinois

By
Environmental Planning and Research, Inc.
410 South Michigan Avenue
Chicago, Illinois 60605



INTRODUCTION

This proposal outlines Environmental Planning and Research, Inc.'s (EPR) approach and related pertinent information regarding twenty-five year population projections and age groups distributions for College District 512.

I. SCOPE OF SERVICES

Base Data

The base data to be used in the forecasts will comprise population, dwelling unit and density characteristics as reported in the Censuses of 1950, 1960 and 1970, as well as the special studies of net residential densities completed by the Chicago Area Transportation Study (CATS) and materials derived from the April, 1970 aerial photography of the district, available from Northern Illinois Planning Commission (NIPC), particularly relating to vacant land available for development.

Methodology

The purpose of the analysis will be to forecast population densities by age groups*, within College District 512 for the period 1970-1995. To this end, an investigation will be made of past trends and of significant recent changes in trends that are affecting the location of new multi-family and high-density developments in the Chicago metropolitan area.

* Age group distribution will be provided, based on most appropriate age groupings per needs of Office of Planning and Development.



Forecasts will be made by:

- (a) extending the metropolitan density dynamics of the 1950–1970 period to the 1970–1995 period, to provide the perspective afforded by continuation of past trends; and
- (b) showing the consequences of changes in trends that have become evident in the last five years or appear likely to develop within the next decade.

The basic trend forecasts will utilize the allometric density–growth formulation:

$$(1 + r_d) = ad^{-k}$$

where

r_d is the density growth rate

d is base density

and a and k are parameters specific to the circumstances of the local area.

The validity of this expression is explored in detail in Chapter 9 of Brian J. L. Berry, Geographic Perspectives on Urban Systems (Prentice–Hall, 1970). Changes of trend are incorporated via the components–of–density accounting system indicated in Table I (attached hereto). In this system the additivity of the logarithm formulation enables the effects of changes in specific components of total densities to be isolated, and where significant changes are indicated, to be incorporated into an overall total density change model. Also,



of course, the likely effects of reasonable changes in components can be explored, to determine the sensitivities of forecasts to alternative assumptions about changes in trends.

2. TIME OF PERFORMANCE

Services will commence immediately upon publication of the preliminary 1970 Census data (anticipated to be published late August or early September and will be completed within ninety days (90) of such date.

3. COMPENSATION

For services rendered, the consultant will be paid the sum of Seventy-Five Hundred Dollars (\$7,500.00). Payment will be made in two equal installments as follows:

- (1) Upon submission of an invoice certifying to fifty percent (50%) completion; and
- (2) Upon submission of the final report.

4. PUBLICATION OF REPORT

Twenty five off-set printed copies of the final report will be prepared. The document will include all tables and charts necessary to support the findings.

The original typing and graphics will be submitted to the College.

TABLE I

<i>Basic Variables</i>	<i>Component Ratios</i>
P = Population	$\frac{P}{FS} =$ Population per unit of floor space
FS = Floor space	$\frac{FS}{R} =$ Floor space per room
R = Rooms	$\frac{R}{HU} =$ Rooms per housing unit
HU = Housing units	$\frac{HU}{S} =$ Housing units per structure
S = Structures	$\frac{S}{RA} =$ Structures per unit of residential land
RA = Residential area	$\frac{RA}{TA} =$ Residential land per unit of all land
TA = Total area	

The Identities

1. Gross population density	$\frac{P}{TA} = \frac{P}{FS} \cdot \frac{FS}{R} \cdot \frac{R}{HU} \cdot \frac{HU}{S} \cdot \frac{S}{RA} \cdot \frac{RA}{TA}$
2. Net population density	$\frac{P}{RA} = \frac{P}{FS} \cdot \frac{FS}{R} \cdot \frac{R}{HU} \cdot \frac{HU}{S} \cdot \frac{S}{RA}$
3. Structure density	$\frac{P}{S} = \frac{P}{FS} \cdot \frac{FS}{R} \cdot \frac{R}{HU} \cdot \frac{HU}{S}$
4. Housing unit density	$\frac{P}{HU} = \frac{P}{FS} \cdot \frac{FS}{R} \cdot \frac{R}{HU}$
5. Room density	$\frac{P}{R} = \frac{P}{FS} \cdot \frac{FS}{R}$
6. Floor space density	$\frac{P}{FS} = \frac{P}{FS}$

Identities Expressed Logarithmically

1. $\log (P/TA) = \log (P/FS) + \log (FS/R) + \log (R/HU) + \log (HU/S) + \log (S/RA) + \log (RA/TA)$
2. $\log (P/RA) = \log (P/FS) + \log (FS/R) + \log (R/HU) + \log (HU/S) + \log (S/RA)$
3. $\log (P/S) = \log (P/FS) + \log (FS/R) + \log (R/HU) + \log (HU/S)$
4. $\log (P/HU) = \log (P/FS) + \log (FS/R) + \log (R/HU)$
5. $\log (P/R) = \log (P/FS) + \log (FS/R)$
6. $\log (P/FS) = \log (P/FS)$



REFERENCES

Mr. Jack Meltzer
Director, Center for Urban Studies
University of Chicago
5848 S. University Avenue
Chicago, Illinois 60637
(312) 643-0800 Ex. 4761

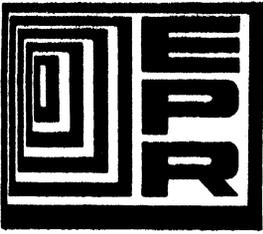
Mr. Donald B. Salyer
Director, Department of Planning and Redevelopment
City Hall
Cedar Rapids, Iowa 52401
(319) 398-5041

Mr. Paul Zimmerer
Director, Mayors' Committee for Economic and Cultural Development
Civic Center
Chicago, Illinois 60602
(312) 744-4842

Mr. Gladstone L. Chandler, Jr.
Assistant City Manager for Community Development
City Hall
14340 Euclid Avenue
East Cleveland, Ohio 44112
(216) 681-5020 Ex. 289

Hon. Lloyd L. Turner, Mayor
City Hall
Waterloo, Iowa 50705
(319) 233-5246

Mr. John Curfman, Director
Planning Commission
P.O. Box 447
Sioux City, Iowa 51102
(712) 277-2121



ENVIRONMENTAL PLANNING AND RESEARCH INC.

FINE ARTS BUILDING 410 SOUTH MICHIGAN AVENUE CHICAGO, ILLINOIS 60606 312/427-4769

September 1, 1970

Dr. John A. Lucas,
Director
William Rainey Harper College
Office of Planning and Development
Algonquin and Roselle Roads
Palatine, Illinois 60067

Dear Dr. Lucas:

Districts 225 and 125 may be added to our proposal at a cost of Six Thousand Dollars (\$6,000.00) for each district. Comparable information will be provided for each district as outlined in our proposal previously submitted.

As relates to the Board of Trustees request for additional clients for whom we have made population projections, I would add the following to your list (although I would note that ninety percent of our workload requires density provisions, including programs in those cities previously referenced).

Mr. James Bozik, Attorney
Valparaiso Planning Commission
204 Lincolnway
Valparaiso, Indiana

Mr. Glenn Nitschke
Fiscal Management Section
South Halls
1320 E. 6th Street
Cleveland, Ohio 44114

Mr. Bozik represented the Planning Commission during the preparation of the Population Projection Report prepared for the City of Valparaiso as part of their Master Plan. Mr. Glen Nitschke coordinated a report prepared for the City of Cleveland's Department of Community Development which, in part, related to population estimates as they relate to community facilities.

I might also note, as I believe I indicated during our conversation in our office, that we will be working very closely with Brian J. L. Berry, Professor at the University of Chicago who has written extensive text books and publications regarding population projections. He is nationally



Dr. J. A. Lucas
September 1, 1970
Page two

recognized as one of the more knowledgeable authorities in this field. If you wish, I can ask Dr. Berry to forward a list of his clients for your review and/or reference.

I trust the enclosed is sufficient for your immediate purposes. Should you desire additional information, please do not hesitate calling or writing me.

Very truly yours,

A handwritten signature in cursive script that reads "Carl R. Landino".

Carl R. Landino
ENVIRONMENTAL PLANNING AND RESEARCH, INC.

CRL/jat



CITY OF CLEVELAND

CARL B. STOKES, MAYOR



DEPARTMENT OF
COMMUNITY DEVELOPMENT
RICHARD R. GREEN,
DIRECTOR

September 21, 1970

Mr. John A. Lucas, Director
Office of Planning and Development
William Rainey Harper College
Algonquin & Roselle Roads
Palatine, Illinois 60067

Dear Mr. Lucas:

This is in response to your letter of September 14, 1970 which was received September 18, 1970.

Environmental Planning and Research, Inc. has indeed done a number of projects for this department. Among them has been the preparation of several Urban Renewal Loan and Grant Applications and Amendatory Applications. Included therein are required studies of population, densities, and projections there of. While I was not directly involved in supervising the contracts involving preparation of the foregoing, I know that the work performed was of high caliber.

Recently, this department hired Environmental Planning and Research, Inc. to prepare a specialized manual dealing with Non-Cash Grants for Urban Renewal Projects. In addition, EPR was responsible for preparing credit claims amounting to fifty million dollars. I worked closely with Carl Landino during the life of the contract and can unequivocally state that the firm performed it's work in a superior and professional manner. Upon completion of the contract, a number of unexpected and unpredictable problems arose on which EPR spent considerable time and effort in resolving for us, at it's own expense. In my judgment, this kind of professionalism is highly desirable.

If there is any other information which I might be able to provide, please do not hesitate to call upon me.

Sincerely,

Glenn E. Nitschke, Executive
Assistant for Fiscal Management

GEN/tt

BLACHLY, TABOR & BOZIK

ATTORNEYS AT LAW

SUITE 401

FIRST FEDERAL SAVINGS & LOAN ASSOCIATION BUILDING

VALPARAISO, INDIANA 46383

QUENTIN A. BLACHLY
GLENN J. TABOR
JAMES S. BOZIK
DUANE W. HARTMAN
PATRICIA A. TABOR

AREA CODE 219
TELEPHONE 464-1041

September 8, 1970

Mr. John A. Lucas
Director
Office of Planning and Development
William Rainey Harper College
Algonquin & Roselle Roads
Palatine, Illinois 60667

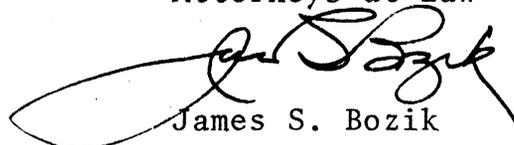
Dear Mr. Lucas:

In response to your letter of September 3, this is to advise you that the Valparaiso City Plan Commission and Board of Zoning Appeals enjoyed a very satisfactory relationship with Carl Landino at the time he was employed by Urban Planning Consultants of Chicago on the Valparaiso City Master Plan.

The Board found Mr. Landino extremely cooperative and equally knowledgeable. I personally felt that he took much pride in his work product. My experience with him is such that I would again employ him.

Sincerely,

BLACHLY, TABOR & BOZIK
Attorneys at Law



James S. Bozik

JSB:jd



CITY OF WATERLOO

MAYOR LLOYD L. TURNER

CITY HALL STATE OF IOWA 50705

August 24, 1970

Mr. John A. Lucas, Director,
William Rainey Harper College
Office of Planning and Development
359-4200 Algonquin & Roselle Roads,
Palatine, Illinois 60067

Dear Mr. Lucas:

Yes, we have used the Environmental Planning and Research,
Inc. of Chicago in Waterloo's continuing planning process.

I believe that Mr. Carl Landino has a fine and firm understanding
of the problems including population projections for years to come.

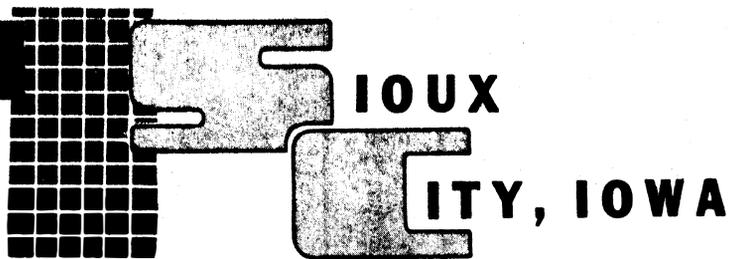
We have been well satisfied with his work.

Yours very truly,

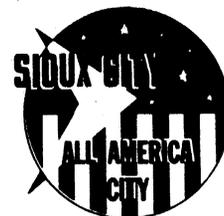

Lloyd L. Turner, Mayor.

LLT/lk

CITY OF



CITY PLANNING COMMISSION



TELEPHONE 277-2121
AREA CODE 712
P.O. BOX 447

August 26, 1970

Mr. John A. Lucas, Director
William Rainey Harper College
Office of Planning and Development
359-4200 Algonquin & Roselle Roads
Palatine, Illinois 60067

Dear Mr. Lucas:

Carl R. Landino of Environmental Planning and Research, Inc. has been retained by this city for a great variety of work in primarily redevelopment planning and programming assignments since the late 1950's. We have found his advice and recommendations with regard to redevelopment strategy and tactics well founded, reliable and invaluable. His ability to win and retain over time staff, management and legislators confidence in a variety of efforts is well earned tribute to the high professional standards of conduct and performance of Mr. Landino and his key personnel have consistently been evidenced here.

I cannot speak to the firms skill or experience in population density projection work through personal experience or knowledge. However, in the past we have required diverse specialized skills beyond the firms normal in-house staff skills to achieve program objectives best controled or coordinated by the firm. In those instances, various means were utilized by Mr. Landino to bring more than adequate skills to complete satisfaction of objectives.

I trust the forgoing will evidence my confidence in Mr. Landino and his firm as an often utilized and most reliable extension to our own capacities.

Sincerely,

John E. Curfman
John E. Curfman,
Planning Director

JEC/ad



Richard J. Daley, Mayor

COMMITTEE FOR ECONOMIC AND CULTURAL DEVELOPMENT OF CHICAGO

Chicago Civic Center, Room 302, Chicago, Illinois 60602 · Telephone: 744-3881

Executive Director:
Paul N. Zimmerer

August 27, 1970

Mr. John A. Lucas
Director
William Rainey Harper College
Office of Planning and Development
Algonquin and Roselle Roads
Palatine, Illinois 60067

Dear Mr. Lucas:

We have your letter of August 18, 1970 regarding the qualifications of Environmental Planning and Research Consultants. We have used this firm frequently to do various kinds of planning which require making adequate assumptions about levels and densities of populations in various areas in Chicago. We have found their work to be consistently of high professional quality. I would emphasize that our work with Environmental Planning and Research Consultants has focused ultimately on planning activities.

In this context we have also found them highly responsive to time deadlines and to sensitive community groups. If we can be of assistance to you in any way, please let me know.

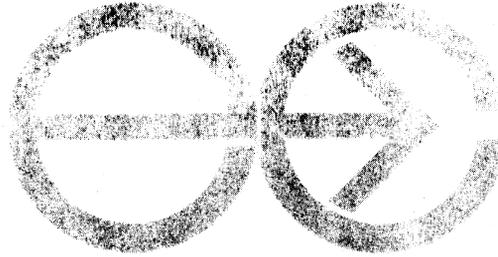
Sincerely,

Paul N. Zimmerer
Executive Director

PNZ:jg

THE CITY OF EAST CLEVELAND
STATE OF OHIO

COMMISSIONERS
FRANK H. FELLOWS, PRES.
REGINALD RAINES, VICE PRES.
JAMES A. BARRETT
ELIJAH A. WHEELER
JANE B. YOUNG



WILLIAM S. GASKILL, CITY MANAGER
R. F. MILLER, DIRECTOR OF FINANCE
GLADSTONE L. CHANDLER, JR.,
ASSISTANT CITY MANAGER FOR
COMMUNITY DEVELOPMENT
CURTIS C. HALL, ASSISTANT
CITY MANAGER FOR HUMAN SERVICES
WALTER A. SCHNEIDER, ASSISTANT
CITY MANAGER FOR PUBLIC SERVICES
STANLEY G. WEBSTER, DIRECTOR OF LAW
F. W. LANGE, FIRE CHIEF
P. J. O'MALLEY, POLICE CHIEF

14340 Euclid Avenue (44112)

Telephone 681-5020

August 28, 1970

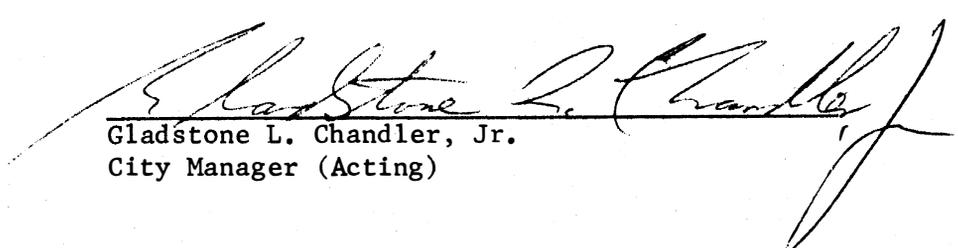
Mr. John A. Lucas, Director
Office of Planning and Development
William Rainey Harper College
Algonquin & Roselle Roads
Palatine, Illinois 60067

Dear Mr. Lucas:

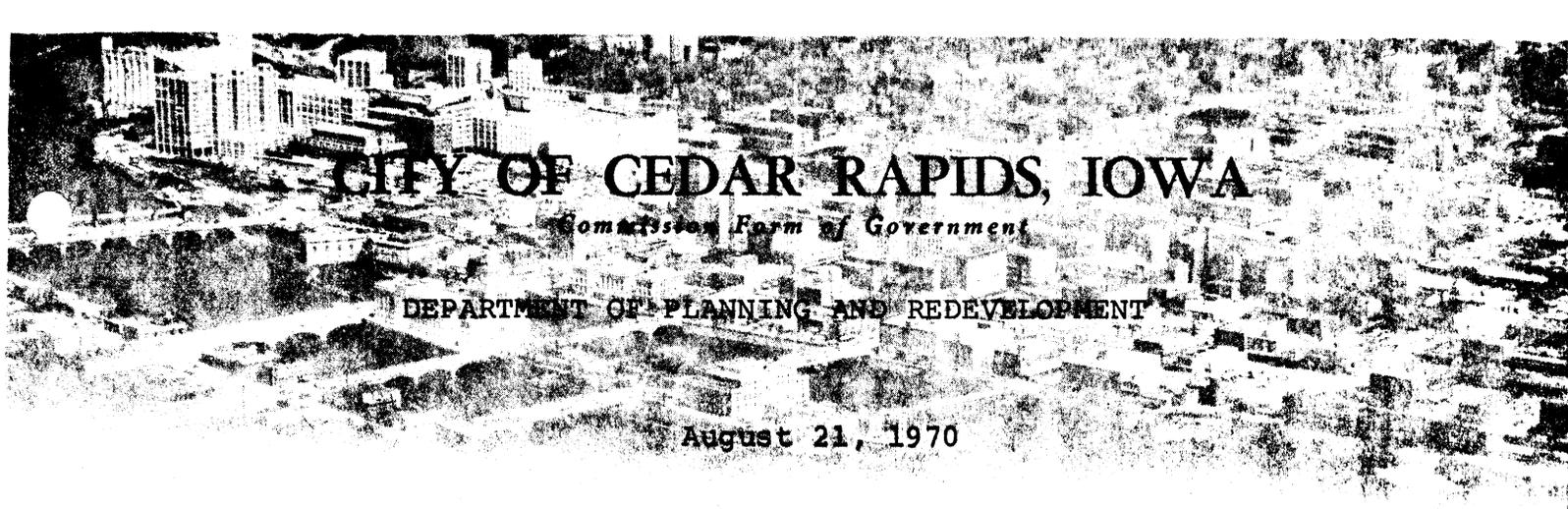
I am in receipt of your letter regarding Environmental Planning and Research, Inc. of Chicago as consultants for your organization. The City of East Cleveland has used the firm of Environmental Planning and Research, Inc. since January of 1969 as consultants in our Neighborhood Development Program. We have recently entered our second year with Environmental Planning and Research, Inc. for the second action year of this program. Our experience with them has been very satisfactory in all phases of our project. The staff of Environmental Planning and Research, Inc. has assisted us in working out some of our problems with respect to population projections. They seem to have a complete understanding of this area in urban development as well as other urban problems. I am sure you will find the staff very competent and capable of carrying out the project you mentioned.

If you desire further information, please do not hesitate to contact me.

Very truly yours,


Gladstone L. Chandler, Jr.
City Manager (Acting)

GLC: sfp



CITY OF CEDAR RAPIDS, IOWA

Commission Form of Government

DEPARTMENT OF PLANNING AND REDEVELOPMENT

August 21, 1970

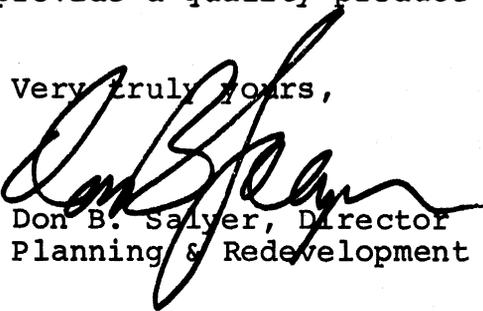
Mr. John A. Lucas, Director
William Rainey Harper College
Office of Planning and Development
Algonquin & Roselle Roads
Palatine, Illinois 60067

Dear Mr. Lucas:

Carl Landino has provided consulting services for the City of Cedar Rapids for the past six years or so. These services have been primarily for urban renewal planning assisting the City in preparation for two conventional renewal projects and two projects under the Neighborhood Development Program. In addition to this, Mr. Landino's firm has prepared a Land Use Policy Plan for the Cedar Rapids Regional Planning operation.

We are very satisfied with Mr. Landino's performance as evidenced by the fact that we have utilized his service in a number of different projects and programs. Although Mr. Landino's office has not prepared specific population projection studies for us, the quality of his overall services is such that I am confident his office would provide a quality product for you.

Very truly yours,



Don B. Sawyer, Director
Planning & Redevelopment

DBS:js



Real Estate Research Corporation

72 WEST ADAMS STREET • CHICAGO 60603 • PHONE: 312-346-5885 • CABLE: RERCO

ALFRED K. ECKERSBERG, AIP
VICE PRESIDENT

October 14, 1970

Dr. John A. Lucas, Director
William Rainey Harper College
Office of Planning and Development
Algonquin and Roselle Roads
Palatine, Illinois 60067

Dear Dr. Lucas:

I was finally able to prepare the following letter outlining a proposed study for your college district. A heavy workload and considerable travel out of the Chicago area made it especially difficult to find the necessary time to draft this proposal.

In your latest letter to me, you indicated that your Board of Trustees expressed an interest in a proposal from us regarding an estimation of the population of your district through the year 1995. You indicate that the Board is concerned that the densities projected for your area by NIPC are conservative. As such, you would like a consultant to obtain field information from developers active in the area and make an estimate of the densities that might be expected in the future.

The area you now serve is designated as College District 512. The boundaries are quite varied but extend into Lake County on the north, Northfield and Maine townships on the east, Du Page County on the south, and to Route 25 on the west. The encompassed area includes in whole or in part, a number of villages as well as unincorporated area in two counties and a variety of townships.

In answer to your inquiry, Real Estate Research Corporation would be prepared to conduct a population study which would provide you with the following information:

1. Projections of the population of College District 512 on an annual basis over the period 1970 through 1975 and in five-year intervals thereafter through 1995.
2. An estimate of the population projections according to age groups used in decennial census publications.

The basis of our study would be projections of the annual absorption of vacant residentially designated lands within your district. The essential ingredients would be a knowledge of the amount of distribution of vacant land, its zoning, the extent and character of local rezoning practices, the general volume and character of housing construction, the type of occupancy, and school enrollment trends. We actually would be conducting a land absorption and housing occupancy analysis for your district in relationship to the north-western suburbs and the total metropolitan area. For such a study, we would undertake the following specific projects of research:

1. The gathering and compiling of current information on land use and zoning in your district.
2. Compiling of residential building permit data relevant to the governmental jurisdictions of the study area. This would include, where possible, annual permit information by incorporated place and unincorporated township.
3. Personal discussions with operators and owners of major land holdings in the study area to determine the possibilities of such land becoming available for residential use over the study period. These types of properties would generally be those close to the more concentrated urbanized areas which are expanding and tend to be public-fee golf courses or similar facilities not now in residential use.
4. Interviews with representatives of the local municipal governments, counties, forest preserve districts, sanitary districts, and other pertinent political jurisdictions, where necessary, regarding the programs and projects they may have underway or planned for the area and their possible influence on the pace and complexion of residential growth.

5. A personal tour of representative parts of the district to observe its characteristics.
6. The gathering and analysis, where available, of data on the characteristics of families newly arrived in the area and their housing.
7. The gathering and analysis of a variety of enrollment data available for your district as well as for the involved public and private elementary and high school systems on an annual and grade basis.
8. An analysis of any pertinent studies conducted for the area covered by your district including any enrollment surveys conducted earlier for you.

The foregoing list is not numbered in any order of priority.

Our guides in defining land as available for residential development would be the pertinent county as well as municipal zoning maps and ordinances as well as related land use surveys of these governments and the Northeastern Illinois Planning Commission, field checks by our staff, and recent plat maps and aerial photographs.

Our fee for the study as described in this letter will range between \$15,000 and \$17,000. It is our custom, in preparing studies of this kind, to charge on the basis of time and expenses. Our clients are charged for the time actually used by our personnel assigned to the study at their standard hourly rates, plus out-of-pocket expenses for such items as mileage, maps and photographs, and report reproduction at cost.

Twenty-five copies of the final report will be furnished to you under the fee quoted unless you express the need for additional copies. If the latter were the case, there may be an additional charge depending upon the number desired.

Your authorization to proceed on the basis of this outline can be completed by having the pertinent contracting officer for the district affix his signature to the designated line at the close of the duplicate copy of this letter and returning it to me along with a retainer for \$8,500. This advance is required by company policy. An interim bill will be mailed

to you upon completion of the field work in an amount equal to 30 percent of the higher limit of the fee quoted. The final billing will be submitted after delivery of the report and an audit of all expenses has been completed.

We would be able to initiate work on this assignment within three weeks after receiving your authorization. The completion of the study will be dependent upon the availability of age group statistics gathered through the most recent decennial census if we are to provide you with the best possible estimates on the projections. According to the Bureau of the Census, the time that such information is to be made available is sometime after January 1971. Assuming the availability of this material, our report could be made available in approximately 60 to 70 days after receipt of the census figures on such groupings. Meanwhile, the bulk of the other work activities can be undertaken and discharged.

In setting the fee for this study, I assume that you will provide us with information already documented as well as any forthcoming statistics regarding enrollments by year and grade and related characteristics for the college district as well as previous enrollment and related studies, and that you would use your good offices in securing the cooperation of other public and private school systems encompassed by your district to provide us with similar data representing their experience.

In further response to your request, I have listed a number of the clients for whom we have made projections so that you may contact them as references. They are the following in the general vicinity of your district:

1. Catholic School Board of the Archdiocese of Chicago
2. Highland Park Township High School District 113
3. Glenbrook High School District No. 225
4. New Trier High School District No. 203
5. University of Illinois at Champaign-Urbana, Illinois
6. Lincolnwood Elementary School District
7. Board of Education, City of Chicago

DIVISION OF COMMUNICATIONS

Abstract of Presentation

Board of Trustees - October 22, 1970

The main concern of the Division of Communications is students and their minds. We have no elaborate laboratories or shops or great capital outlay for equipment. We deal chiefly in ideas, in the written word, in humanity and what it means to be a human being.

In the Division is taught English Composition, Literature, French, German, Spanish, and Speech. We also have a developmental program aimed at improving the reading and writing skills of students who are below college level in these areas. We are one of a few junior colleges in the country to have a career program in journalism. Finally, this division is responsible for the fine drama program of this college.

There are 52 teachers in the Division, 26 full-time and 26 part-time. In addition there are 2 full-time secretarial workers and 3 part-time student aides. Our F.T.E. enrollment is 864 and we have some 149 sections of roughly 35 courses.

Some more specific remarks will be made concerning various programs in the Division, what experiments are in progress, what innovations have taken place, what use is made of the electronic equipment available in the college.

As to the future, we expect to see innovations and experimentation in all areas of the Division's curriculum. Along with an increase in enrollment we expect an increase in course offerings. Also we expect to add to our one career program a career offering in library technical assisting and another in some aspect of theatre.

Throughout the presentation which will be geared to last 10 minutes, slides will be shown of what goes on in this Division, and a brief

segment of "A Streetcar Named Desire" (20 seconds) as done by students will be shown on videotape.

At the end of the presentation, the following section leaders of the Division will be introduced:

Diane Callin - English 101

E. Lee Owens - English 102 & Literature

John Muchmore - Speech and Drama

Irene Sanderson - Foreign Language

Joan Roloff - Developmental

Henry Roepken - Journalism

After these people are introduced I shall invite the Board to address questions to me and I will act as moderator in directing the questions to the proper person and will also attempt to keep the discussion moving, making sure that no one speaks too long.

D I V I S I O N O F C O M M U N I C A T I O N S

"The main concern of the Division of Communications is students and their minds."

CHAIRMAN: Michael W. Bartos
Associate Professor of English

The TRANSFER PROGRAM in this Division offers courses in
English Composition
American and British Literature
Speech and Drama
French
German
and Spanish

The Division presently offers a CAREER program in
Journalism.

A DEVELOPMENTAL program concerned with teaching the basic learning skills of reading and writing is offered by this Division.

The TEACHING FACULTY. There are, in addition to the chairman,
14 full-time English teachers
3 full-time Speech teachers
3 full-time Foreign Language teachers
3 full-time Developmental teachers
1 full-time Journalism teacher

1 part-time English teaching intern
19 part-time English teachers
1 part-time Spanish teacher
4 part-time Speech teachers
2 part-time Reading teachers

The full-time faculty boasts graduate degrees from some of the finest American universities with all sections of the country represented. The full-time faculty, furthermore, is an experienced faculty with some 191 years of teaching experience from junior high through university.

The OFFICE STAFF consists of one full-time secretary and one full-time clerk-typist. We also employ two part-time student aides and one part-time clerk.

FULL TIME EQUIVALENT ENROLLMENT in the Division is 864 students. The Division offers 149 sections of 35 different courses ranging from English 101 (the most popular course) to Modern British and American Literature, to Speech, Drama, foreign language, developmental English, to Media Adjuncts in the Journalism program.

864 FTE.

DIVISION OF MATHEMATICS AND PHYSICAL SCIENCE

Abstract of presentation to Board of Trustees, October 22, 1970

The Division of Mathematics and Physical Science was created by action of the Board in the Spring of 1969, and on July 1, the new division officially came into being. It comprises the areas of Mathematics, Physics, Chemistry, Physical Science, and Geology.

July 1, 1969 saw the arrival of Dr. Schauer, our new Vice-President of Academic Affairs, on the Elk Grove Campus. At that time we were anticipating the move to the new, but yet unfinished campus. Of course, we are well past the problems of that move, but it is interesting to look back and think about the scope of the problems we then faced - having shared space and some facilities with our hosts at Elk Grove High School, and having acquired a considerable quantity of our own materials. Sorting, packing, and moving went on simultaneously with schedule preparation and ordering new materials and supplies for the new campus. Special recognition should be extended to Mr. Siedband, Mr. Bauer, and Mr. Clouser for the extra efforts they made in accomplishing this move.

Building D, our present quarters, was not ready on August 15, and since that time our division office has occupied no less than six different sites. This shows that we are at least flexible!

The staff, both full time and part-time cooperated fully in making this transition to the new buildings, holding some of their classes in various temporary locations until Building D was more nearly ready for occupancy. In all the science areas, these moving problems were crucial to them, since the number of items in their inventories was growing daily, and storage space could not immediately be put to use. It is much to the credit of every teacher in chemistry, physics, physical science, and geology that, not only did they maintain order where there might have been chaos, but that very creditable teaching continued in the midst of these problems.

The equipment problems were not so acute for the mathematics people, but it took a while to get used to operating from a filing cabinet located in a corridor of F, while waiting for suitable office space.

These problems are pretty well solved, and now that we have been on our own campus for a year, the community having taken due note of our presence, and judging from enrollment figures, concluded that the college (including our division) seem to know what we are about.

STAFF

At the present time our full time staff numbers 15 teachers, and 20 part-time teachers, in addition to three teacher aides whom we have hired in a part-time experimental capacity in the developmental level in mathematics.

Of our full time teachers, one has the doctorate, and two have completed all but the dissertation, 2 have 60 hours or more beyond the Master's, 6 additional teachers have 30 hours beyond the Master's, and, at the younger age brackets, 4 have Master's degrees with varying credit but less than 30 hours. (One has two Master's degrees).

On the part time staff, two have doctorates, 2 have 60 hours plus the Master's, 9 have 30 hours plus the Master's and 7 have Master's degrees with varying credit but less than 30 hours.

PROGRAMS (A-V presentation will accompany this part)

In Mathematics, 22 courses are offered in the catalog, ranging from developmental level arithmetic to differential equations.

Physics courses are taught primarily at four levels, Technical Physics is offered by the division for the benefit of students in the Mechanical Engineering Technology and the Electronics Technology programs - career oriented. Two "college physics" courses are taught - one for the liberal arts major, and one for the science or engineering major, and the latter might be followed by a one semester course in Modern Physics.

Chemistry courses are taught at differing levels, since students come to us from differing backgrounds. Chem 100-101 is a sequence which satisfied the dental hygiene and nursing program requirements. Chem 121-122 is a sequence for students needing a lab science to satisfy a liberal arts requirement, while 131-132 is for the science or engineering major. These are general chemistry courses and can be followed by a year or organic or a year of quantitative analysis.

Physical Science offers PHS 101, a non lab, "appreciation" course, while PHS 111-112 is a survey course with lab experience touching on many areas, including Physics, Chemistry, Biology, Geology.

Geology courses are offered in physical geology and historical geology. Paleontology (GEO 202) appears in the catalog, but we have not yet offered it, but course enrollments are rising in this area, and this fall may be the appropriate time to offer that course to the public.

*Prospectus-see page 3

This completes our presentation, and Mr. Clouser, who teaches Chemistry, Mr. McCabe, Mathematics, Miss Windham, Physics, and Mr. Bush, Geology, are present and will help to answer specific questions.

††

(A three page "flow chart", too small to be presented on the overhead is being prepared as a handout; this is attached. The overhead projector will be used to simply list courses, with single phrase descriptions of the content, far briefer than the catalog descriptions.

I will be prepared to answer questions about enrollments, course sizes, and the like, but do not plan to include this material.)

L. Collins

PROSPECTUS: A Look to the Future

In Chemistry, our immediate problem centers on the Chemical Technology program. We share the concern of many sister institutions as we look at low or non-existent enrollments (students actually identified as members of this program) in the face of a proven industrial need for Chemical Technicians.

The problem is widespread; we have consulted our Advisory Committee on the matter, and they have been most helpful. The American Chemical Society, long known among professional organizations as one of the most interested in recruiting young people into the study of its discipline, is now engaged in producing suggested course materials, and new approaches to the problem. We hope to have some sample materials from them perhaps in December, so that we can begin to re-evaluate that problem, and perhaps our whole Chemical Technology curriculum.

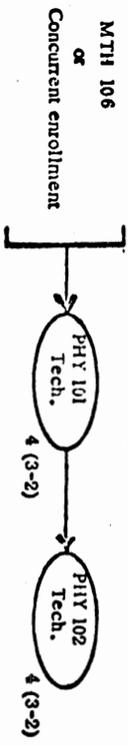
In other areas in Chemistry, as time goes along, and enrollments begin to suggest a real demand for it, another ^{level} semester of study in Organic Chemistry might be considered. Possibilities in the area of pollution control, or environmental technology are being considered, perhaps in conjunction with complementary course offerings in other divisions.

In Mathematics, a current proposal under study is the offering of Linear Algebra. And at the developmental level, new techniques and new services are undergoing study and review. Programmed learning, the "mini" course or module structure of courses has received some discussion. Widespread use of the computer in the teaching of classes is being considered, in varied ways. None of these plans has reached maturity - they are all in the discussion stage, but our people are considering the problems that larger numbers of students with more widely divergent needs will present to the college.

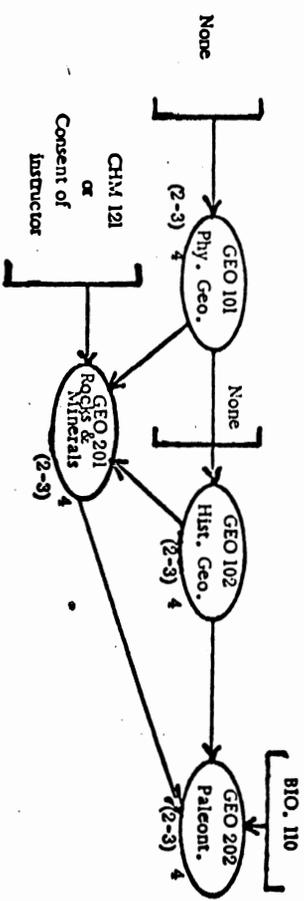
In Physics, two of our instructors have committed themselves to a two-year goal of restructuring the course content in that area. In PHY 101-102 - Tech Physics, the goal is to make the course content more compatible with the real needs of the students in the vocational programs (Mechanical Engineering Technology and Electronics) than is now the case. In PHY 201-202, the goal is dual: to make it possible to present the course materials, and particularly laboratory exercises in a manner which would require real programming experience on the computer, if computing time can be made available - yet to make the materials sufficiently flexible that they can be taught without the computer if that were to become necessary.

In Geology, hopes are running high to offer Paleontology, the study of prehistoric life through the study of fossils. Perhaps this goal can be achieved this fall.

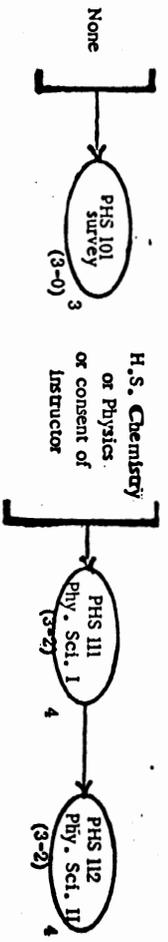
Physics - Geology
Physical Science
FLOW CHART
December, 1969



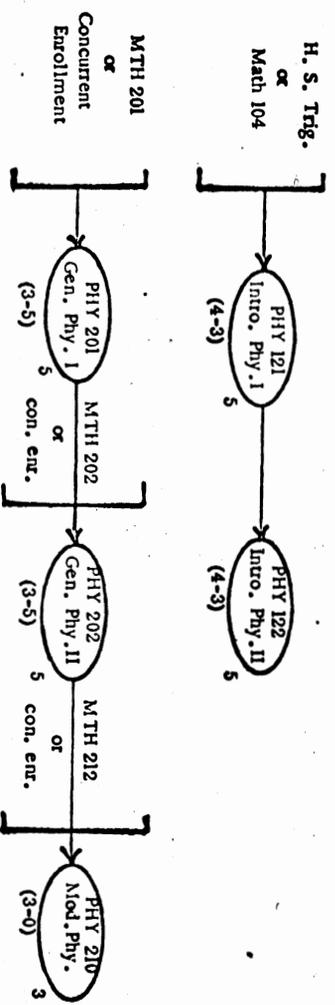
I. CAREER PROGRAMS



II. TRANSFER PROGRAMS
BUSINESS, LIBERAL ARTS AND SCIENCE



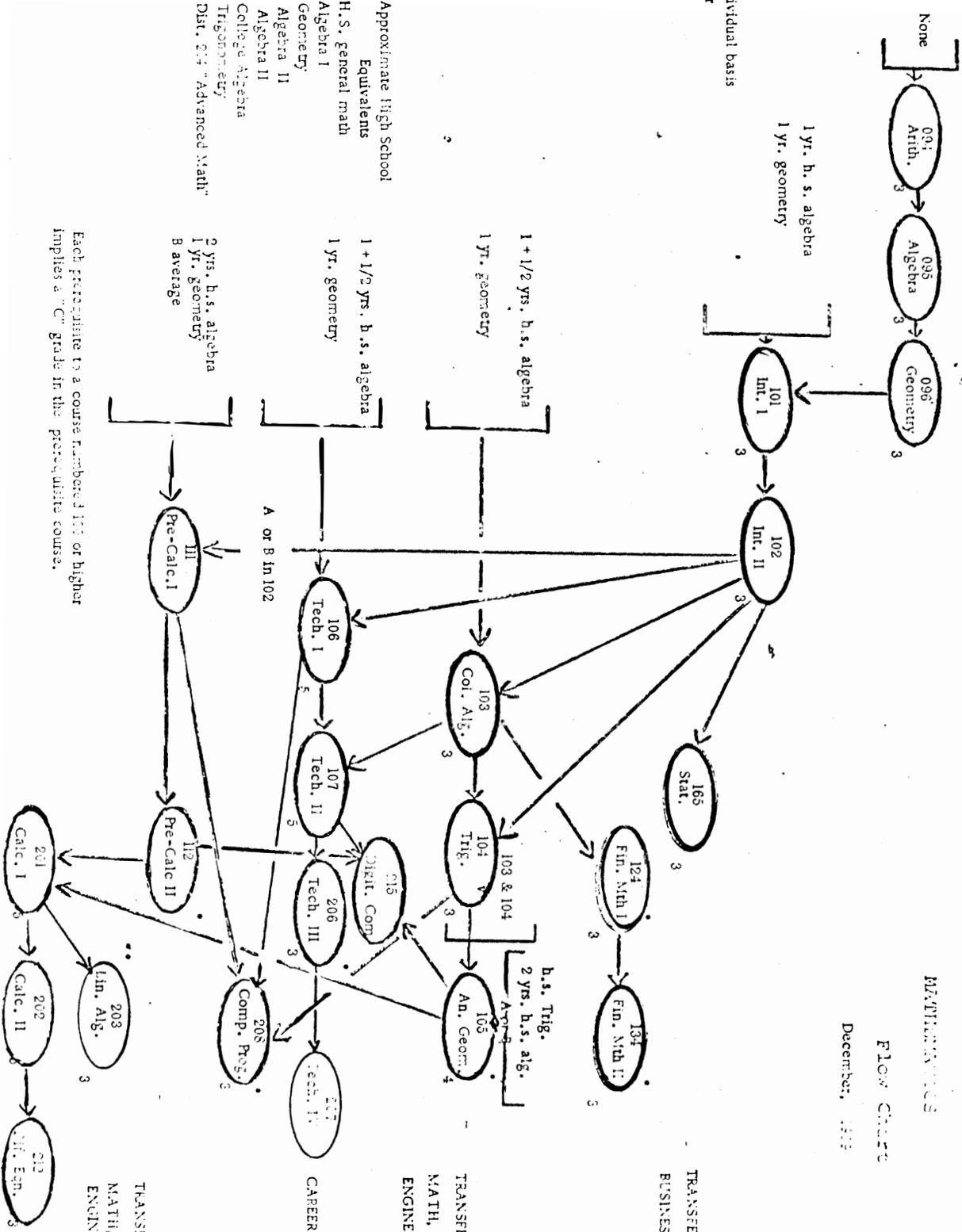
III. TRANSFER PROGRAMS
Physics Majors
Math and Chemistry Majors
Architecture
Engineering



MATH COURSES

Flow Chart

December, 1972



Initial placement on individual basis with consent of instructor

1 yr. h. s. algebra
1 yr. geometry

Harper Courses

- MTH 094
- MTH 095
- MTH 096
- MTH 101
- MTH 102
- MTH 103
- MTH 104
- MTH 105-110

Approximate High School Equivalents

- H.S. General math
- Algebra I
- Geometry
- Algebra II
- Algebra II
- College Algebra
- Trigonometry
- Dist. 214 "Advanced Math"

1 + 1/2 yrs. h. s. algebra

1 yr. geometry

A or B in 102

2 yrs. h. s. algebra
1 yr. geometry
B Average

Each prerequisite to a course numbered 100 or higher implies a "C" grade in the prerequisite course.

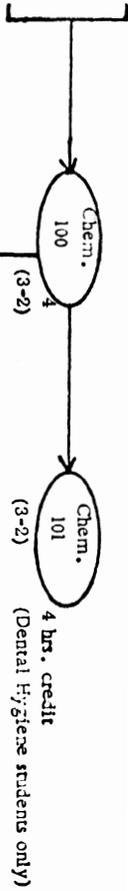
TRANSFER PROGRAMS
BUSINESS AND LEGAL ARTS

TRANSFER PROGRAM I
MATH, SCIENCE
ENGINEERING MAJORS

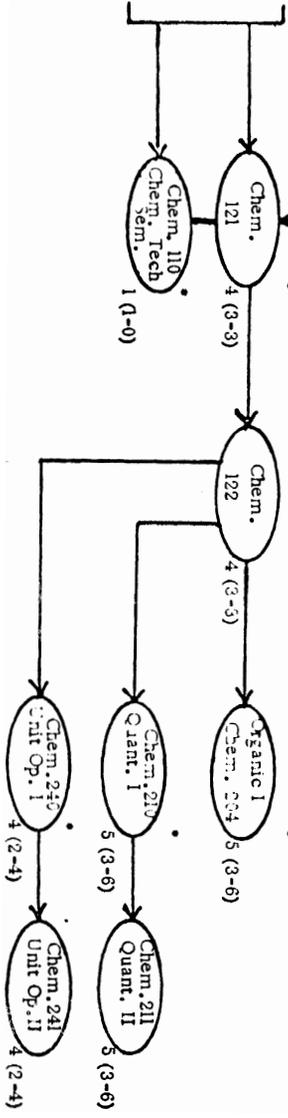
TRANSFER PROGRAM II
MATH, SCIENCE
ENGINEERING MAJORS

CAREER PROGRAMS

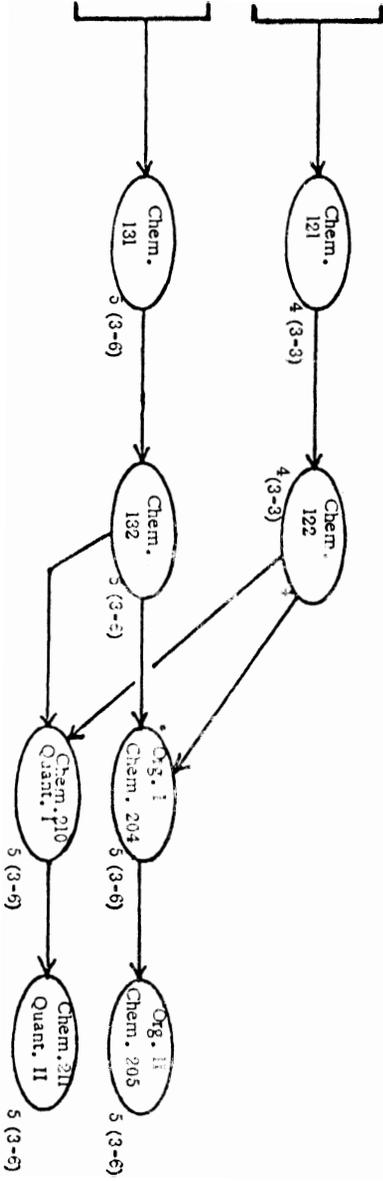
Math 94 - or
1 Yr. H.S. Math



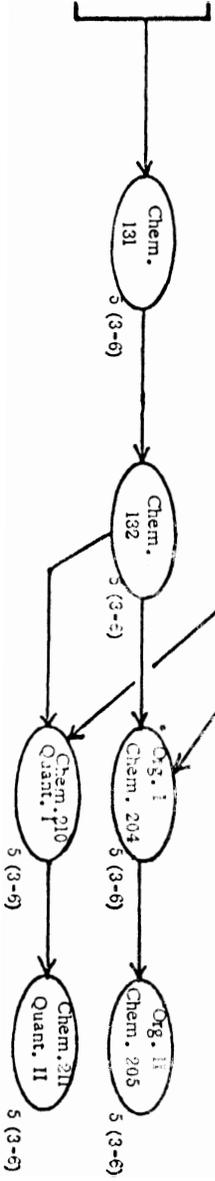
1 Yr. H. S. Algebra -
C average or better OR
Math 95, C average or
better



1 Yr. H.S. Algebra - C
Average or better OR
MTH 95 - C average or
better



1 Yr. H.S. Chemistry - 3
Average or better OR
MTH 103 concurrently



CHEMISTRY
FLOW CHART

- CAREER PROGRAMS
Health Sciences -
Nursing
Dental Hygiene

CHEMICAL TECHNOLOGY

TRANSFER & PRE-PROFESSIONAL PROGRAMS

- L. A. S.
Business
Math
Biology
Pre-Engineering
Chemistry
Physics
Pharmacy
Physical Science
Chemical Engineering
Pre-Medical
Pre-Dental

Abstract of Presentation

Board of Trustees - October 22, 1970

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E. Lee Owens - English 102 & Literature

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Henry Roepken - Journalism

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ANTHONY SCARIANO • Representative • Illinois General Assembly

October 15, 1970

*cc- Bill Mann
Bl member*

President Robert Lahti
William Rainey Harper College
Palatine, Illinois 60601

Dear Sir:

A report of audited expenditures for 1968-1969 and budgets for 1969-1970 at Illinois Junior Colleges has been recently brought to my attention.

While I am a staunch supporter of the junior college movement, I am alarmed at some of the recent developments at your college and others. It was the hope of legislators who supported the junior college movement that the costs of such education would not follow the pattern exhibited by some larger state-supported universities where administrative and other non-instructional expenditures have risen more rapidly than instructional expenditures.

An analysis of costs of your college over the two years of the report show that non-instructional expenditures have risen 207% with a 134% increase in instructional expenditures for the same period. While this is the pattern that may be expected in a new institution during the beginning phases it is not the pattern one would expect of a mature institution after its initial phases.

I am interested in the causative factors which may have contributed to the changing patterns of expenditure at your school. Do you think this will become the norm for other junior colleges which reach the same stage of development? Do you think that this imbalance of expenditures will continue at your school in the future?

I hope you can help me understand this phenomenon and its effect on the junior college movement. It is my opinion that a continued trend in this direction will cause more and more questions to be raised in the legislature.

Very sincerely yours,

Anthony Scariano
ANTHONY SCARIANO

RECEIVED

OCT 19 1970

AS:sk

OFFICE OF THE PRESIDENT



MEMBER: ILLINOIS MENTAL HEALTH PLANNING BOARD
MEMBER OF COMMITTEES ON: EDUCATION • JUDICIARY
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