

PROGRESS REPORT ON PLANNING

UNIVERSITY OF MINNESOTA

FEBRUARY 1971

Submitted Pursuant to
Chapter 8, Section 18 of the
1967 Legislative Session Laws

MSG
98943
1971

February 15, 1973

Senator Edward G. Novak
Chairman
Senate Finance Committee

Representative Fred C. Norton
Chairman
House Appropriations Committee

This report from the University of Minnesota is submitted pursuant to Chapter 8, Section 18, of the 1967 Legislative Session Laws. The report was prepared in 1971, but was never presented to the Legislature.

Copies are available for all members of your committees. We shall be pleased to respond to any questions you may have.

Sincerely yours,



Malcolm Moos
President

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University of Minnesota

Planning Report to the
1971 Minnesota Legislature

Pursuant to Chapter 8, Section 18, of the 1967 Legislative Session Laws, this report outlines the major planning work which is in progress at the University of Minnesota. The report is divided into sections, describing the planning for each University campus. Each section is subdivided into master planning, community relations, and project planning.

The Office of Physical Planning is responsible for developing plans and providing the guidance to accommodate physical growth of changes at the University Campuses. In addition to master planning, community relations and new project planning, the Physical Planning Office is responsible for reviewing and approving all major remodeling and alterations and interior design and furniture projects, and the administering of the Office of Space Programming and Management.

Further details on the work described in this report may be obtained by writing or calling:

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TWIN CITIES CAMPUS

I. MASTER PLANNING:

Master Planning for the Twin Cities Campus is concerned with three major areas: the East Bank, the West Bank and St. Paul. While the focus of the planning concentrates on separate units, it is recognized that each campus area is interrelated, and plans are developed accordingly.

Comprehensive physical planning is a continuing process and requires analysis of academic programs in addition to physical components. The major planning program for the St. Paul Campus reflects the comprehensive approach which the University intends to employ. Limited planning has been conducted for the East and West Banks; however, the scale and scope of this work has not been as detailed or complete that is required for a truly comprehensive planning framework. A more detailed description of the major planning work for the Twin Cities Campus is provided under the respective campus headings which follow the general statement on area-wide Twin Cities Campus planning project.

II. COMMUNITY RELATIONS:

- A. Metropolitan and State Agencies: The University of Minnesota, Twin Cities Campus is a member of the metropolitan community and is one of several major activity centers in the Twin Cities Metropolitan Region. The metropolitan area, therefore, influences and is influenced by the University. Consequently, the University has become actively concerned and involved in planning for the future metropolitan development and growth. For example, the Metropolitan Development Guide, which is currently being formulated by the Metropolitan Council, has been reviewed and commented upon at every opportunity by the Planning Office.

Since the Twin Cities Campus is largely oriented to commuters, the University Planning Office has also taken a very active role in coordination of regional transportation planning and development. Committee or groups with which the University is involved include the University-Midway Area Transportation Corridor Coordination Study, and the Advisory Task Force on the Metropolitan Transit Commission's Long Range Program and the I-35W Metered Freeway-Express Bus Project. The University is also now a member of the Metropolitan Transportation Planning Program's Technical Advisory Committee. Participation in these various planning groups affords

the University the opportunity to develop and coordinate plans in conjunction with the State Highway Department, the Metropolitan Council, the Metropolitan Transit Commission and the agencies and departments of city governments.

- B. Municipal Governments: The University maintains several points of contact concerning physical development with the area municipal governments. For example, the University Planning Office has played an active part in the City of Minneapolis River Front Development Advisory Committee. Furthermore, the University Planning Staff is normally consulted on issues concerning land use, transportation and community facilities which develop in the areas surrounding the campuses.
- C. University Academic Community: Continuous and active involvement takes place between the University Planning Staff and the faculty, staff, and students through formal study groups, planning and building committees, advisory groups and informal meetings. The Senate Committee on Resources and Planning is one example of an established channel of communication. These various points of communication enable the Planning Staff to obtain feedback and responses on policies and projects which are being pursued. In addition, valuable technical and specialized knowledge is made available to the planning operation by the experts from the many University departments and programs.

III. PROJECT PLANNING:

A. Transportation:

1. University Regional Transportation and Intercampus Circulation Study:

The need to study regional transportation to and from the University and the movement between the three campuses is generated by the development of the Twin Cities Campus Concept. As the campuses become more specialized, the Twin Cities Campuses, composed of West Bank, East Bank and St. Paul, are viewed as one rather than three regional traffic generators with an increasing need and demand for continuous movement between each separate facility. This study is, in fact, an outgrowth of and part of the master planning which is currently being conducted for the St. Paul Campus.

As a consequence of the regional elements which are being considered, the Minnesota State Highway Department and the Metropolitan Council are participating with the University in this study. The product which will be produced from this joint effort is an assessment of the facilities both in terms of highways and transit which will be needed to accommodate regional access to the University in the short and long range future. A second product will be an estimation of intercampus circulation needs and a recommendation on how this need can best be met. The surveying and inventory for this study will be completed by April, 1971. The Consultant's final recommendations are expected during early 1972 as part of the St. Paul Campus Plan.

2. University Express Bus System:

The task to improve and supply traffic and parking facilities to meet the demand of commuters to the Twin Cities Campuses is a monumental problem. The constant and ever-increasing traffic and parking congestion can, in fact, never be relieved by simply supplying more parking facilities. Mass transit is, therefore, the one element of the transportation system which offers the major alternative to solving the access problem. The University Twin Cities Campus has traditionally been served by mass transit only indirectly, as a secondary center. Direct, primary bus service focuses only on downtown St. Paul and Minneapolis. However, because of studies prepared by the Planning Office which indicate that many University commuters are prone to mass transit, an attempt to serve the University with direct bus service has been initiated.

Beginning Fall Quarter 1970, the Bloomington Bus Company, the Metropolitan Transit Commission and the University, in cooperation with all suburban carriers, began an express bus system which provides direct service to the campuses from outlying points throughout the metropolitan area. Nine routes were initiated, serving commuters during the peak traffic morning and afternoon hours. The University Planning Staff continues to publicize, monitor, and improve the new system. Eventually, as the system increases in ridership, it will be taken over by the Metropolitan Transit Commission and the Bloomington Bus Company and incorporated into their regular system and schedules.

3. Personalized Rapid Transit Demonstration:

As authorized by the University Regents, and in conjunction

with the Metropolitan Transit Commission, the University Planning Staff is currently investigating the possibility of obtaining a Department of Transportation grant for the demonstration of a new technology, personalized rapid transit system. The demonstration grant would provide the first section of a distribution system which would eventually link the Minneapolis and St. Paul Campuses, and effectively implement the Twin Cities Campus Concept.

A preliminary grant application was submitted to the Urban Mass Transportation Administration of the Department of Transportation in June, 1970. As originally outlined, the demonstration grant request failed to gain Federal approval. A revision of the application is, therefore, in progress, and a resubmission of a preliminary grant request in conjunction with the Metropolitan Transit Commission is anticipated during April or May, 1971.

4. Parking:

The continuing campus parking problem is a constant concern of the University Planning Office. During Fall Quarter, 1970, a new remote parking facility located south of the Como Research Facility, on vacant Burlington Northern land, was planned and developed. This lot, which was placed into operation in December, 1970, has a present capacity for 1,000 cars and can be easily expanded to accommodate a total of 2,000 autos if the demand is demonstrated.

The Planning Office is also a member of the newly formed University Ad Hoc Parking Advisory Committee. This Committee was created to analyze a number of parking operation problems such as placement and allocation of parking spaces. It is anticipated that the Committee will have completed its analysis and review and will submit recommendations for improved parking to the Vice President for Finance, Planning and Operations by May, 1971.

Other parking concerns include numerous special problems which are continually referred to the Planning Office for review and recommendation. These special parking problems include situations such as special events, parking for the handicapped persons, construction workers, and service vehicles.

- B. Solid Waste Disposal Study: The size of the solid waste disposal problem of the University is both extensive and complex and is

compounded by many unique and specialized activities such as the University Hospitals, radiation laboratories and chemistry facilities. This large and sometimes dangerous solid waste disposal operation is currently being totally inventoried and investigated on the Twin Cities Campus and coordinate campuses. The information gathered through the study will identify problems in the current disposal system and will recommend solutions to improve the existing operations.

The Minnesota State Pollution Control Agency, the Metropolitan Council and the Metropolitan Sewer Board have been advised of the University's study and have been asked to review the study procedures and the eventual results and recommendations. The inventory of the disposal operations will be completed during the Spring of 1971 and recommendations on system improvements are expected during the Fall of 1971.

- C. Housing: The supply and development of housing facilities in the area surrounding the Twin Cities Campus is a critical problem. The Office of Physical Planning is continuing to work on coordinating the interest of all parties in this area of concern. The University itself is submitting applications to the Department of Housing and Urban Development for College Housing loans. (These loans will be utilized to provide 276 units at the Como Site and 300 units on the St. Paul Campus.)

Private development of University-oriented housing is also strongly encouraged. The Planning Office is working with the members of a student cooperative on development of a high-rise apartment building on a site at 5th Street S.E. and 13th Avenue S.E. in Minneapolis. Work is also being directed towards helping fraternities and sororities plan for future housing within the general framework of University development. Finally, both large and small scale housing developments are monitored in an attempt to coordinate interest of the community, the cities, the developer and the University. Examples of such efforts include Cedar Riverside Associates and Harris Brothers Developments.

- D. Campus Lighting and Graphics: An evident problem has been the need to improve and clarify campus lighting, graphics and signing. Work on this project has proceeded to the point where design has been completed and prototypes have been fabricated. A design review of the prototype structures is currently being conducted and the final technical details are being analyzed.

MINNEAPOLIS WEST BANK

I. MASTER PLANNING:

The West Bank area of the Twin Cities Campus is one of the most rapidly expanding sections of the University. The original development plan required revision due to the change of student mix, program alterations and adjacent community development. In January, 1970, a revised overall planning framework program was initiated. This work has been at two levels. First, a long range concept of campus development is being formulated. Second, effort has been exerted to bring past planning and development into the new planning concept. At the present time, the concept framework is near completion and proposed development is being coordinated with the activity in the surrounding Cedar Riverside area. In the future, the process will continue in order to respond to the changing demands from both within the University and neighboring developments and to coordinate development of the three Twin Cities Campus units.

II. COMMUNITY RELATIONS:

The University's relationship with the West Bank community has been twofold. First, within the University's expansion boundaries, many meetings and discussions have been conducted with owners whose property will be acquired, with tenants and with students. Problems which are being confronted through community participation includes pedestrian circulation and safety, and removal of architectural barriers which hinder the mobility of physically handicapped persons. The second aspect of West Bank community relations involves the larger Cedar Riverside area in which the University Planning Office has actively participated in coordination meetings sponsored by the Minneapolis Housing and Redevelopment Authority.

III. PROJECT PLANNING:

- A. Performing Arts Center: Construction on this building, located south of Wilson Library, began in January, 1971. This structure will be a cluster of three theatres. It will also house offices, classrooms, radio and television studios. The building is scheduled for completion in 1973.
- B. Auditorium-Classroom Building: This structure will contain a 1,200-seat auditorium which can also be subdivided into two smaller units seating 800 and 400 persons. It will also include space for student study and dining facilities. This structure will be located north of Washington Avenue and will be completed in Fall, 1972.

- C. Law School Building: The new Law School facility to be located on West Bank, north of Washington Avenue will house offices, classrooms, a library, courtrooms, and public service areas. Schematic designs for this building have been completed.
- D. Blegen Hall (Remodeling): This project involved the conversion of former library space into classrooms and a student commons area. The project was completed during Winter Quarter, 1970.
- E. Athletic Fields: Preliminary planning for the location and design of athletic fields and activity areas is currently in progress.
- F. Parking Ramp: Planning work has begun on locating two or more parking structures to serve the West Bank Campus. These structures will accommodate approximately 1,500 cars. No schedule for construction and completion has been determined to date.
- G. West Bank Union: A union facility intended to serve West Bank students is currently in the programming phase of development. Although planning for the building has just started, a target date of Winter, 1974 has tentatively been set for completion of construction.

MINNEAPOLIS EAST BANK

I. MASTER PLANNING:

Because of staffing and funding limitations master planning for the Minneapolis East Bank has been approached on the basis of planning sub-areas. These sub-areas are identified as the Health Science Complex, the Institute of Technology, the Knoll Area, Bierman Field, and the River Bank.

- A. Health Sciences Complex: Based upon the 1969 Legislative endorsement of the University's plan to increase health manpower education, planning has continued for the physical facilities which will accommodate this expansion. Planning has identified several phases for the physical expansion program. To date, detailed programming has been completed for Phase I.

Five major new units are involved in the Phase I program together with remodeling of existing areas to accommodate Basic Science Departments, the School of Nursing, the School of Public Health, the Medical School, and University Hospitals.

Unit A, which includes the School of Dentistry and some space for the Basic Sciences, the Medical School and the School of Public Health, is now under construction. An early contract for excavation has been awarded and structural steel is in the bidding phase. The remainder of the contract will be bid in June/July. A Federal matching grant of \$22,000,000 was made for this unit.

Unit B/C includes space for the Medical School Clinical Program, the Hospital Out-Patient Department and other supporting areas. These are being planned. Application for a Federal grant has been made.

Unit E: This is a service and receiving area and is in the planning stage.

Unit F will house the School of Pharmacy. This is being planned and application for a Federal grant will be made in June, 1971. An additional unit for cardiovascular research is in the early planning stages. This will be financed from private funds.

- B. Institute of Technology: This master planning sub-area is defined by the land bounded by University Avenue, Church Street, Washington Avenue and Union Street. In 1966, a limited amount of planning was

done in this area. The work which has been completed was necessary to determine the placement of the new facility for the Institute of Technology which is currently being requested from the Legislature. The details of the planning for this area were presented to the Legislative Building Commission in 1969.

- C. The Knoll Area: This area on the East Bank Campus is bounded by 17th Avenue, University Avenue, the Mississippi River, and the Northern end of the Mall. The study which was made in 1968, was primarily intended to more properly locate the new Psychology Building in relation to the State Board of Health facilities and other adjacent buildings.
- D. Bierman Field: Plans for Bierman Field have been developed to provide a new facility for physical education, intramurals and inter-collegiate athletics. Bierman Field will replace existing facilities currently located at the Como Research Center and Northrop Field.
- E. River Bank: This study was instigated to consider the environmental effects of coal storage and physical power plant facilities pollution on the Mississippi River and surrounding area. After investigation, it has been decided that burning of coal should be discontinued and the boilers be converted to gas with oil standby. The Planning Office undertook a further examination of the river front properties that the University owns. It was found that many areas of potential for recreational and other uses exist on the water front between the University and downtown Minneapolis. The Planning Office has developed a concept of a river walk which would link the University East Bank Campus with the Downtown Minneapolis. This development is being integrated with the current studies being prepared for the river banks by the Planning Staff of the City of Minneapolis.

II. COMMUNITY RELATIONS:

The University is continuing its active involvement and participation in the Southeast Minneapolis Planning and Coordinating Committee (SEMPACC) which is composed of representatives from the three neighborhoods, and the business communities which surround the Minneapolis East Bank Campus. The SEMPACC area is greatly affected by University development and also provides extensive private student housing and service facilities.

Consequently, the University attempts to keep the community informed of campus planning and development and continues to aid the community in planning and coordinating for future neighborhood growth and development. Ongoing SEMPACC activities, in which the University is involved, include review of the 1964 Comprehensive Plan, housing, transportation and park and recreation. The University is also involved in secondary education provided in the area through membership on the Advisory Committee to Marshall University High School which serves the Southeast Minneapolis Community.

III. PROJECT PLANNING:

A. Circulation and Parking:

1. East Bank Area Traffic Study:

This planning effort is a joint project of the City of Minneapolis and the University of Minnesota directed at resolving several immediate traffic and circulation problems and to forecast the problems and need facilities in the long range future of the East Bank Area. The study encompasses the area South of East Hennepin, West of State Highway 280, North of Interstate 94 and East of the Mississippi River. The immediate problems which are being investigated include the Dartmouth Interchange (University of Minnesota Exit Off I-94) connection to Washington and University Avenues, the street circulation pattern for the proposed Oak and Washington Parking Ramp and the Health Science Complex Parking Ramp. Recommendations on these immediate concerns are expected during April, 1971. It is hoped that the long range traffic and circulation planning work will be completed during 1972.

2. Parking Ramp: Oak and Washington:

A new parking structure designed to accommodate approximately 1500 cars is being planned next to Memorial Stadium, West of Oak Street and North of Washington Avenue. This facility which is located at the periphery of the campus will provide for the partial replacement of parking space which has been lost to the construction of Bierman Field and which will be lost in the future due to building construction and loss of land leased for parking. In addition, commercial facilities similar to existing development paralleling the proposed ramp along Washington Avenue will be provided at grade level. The project planning and design work is to be completed during the Summer of 1971.

3. Parking Ramp: Health Sciences:

A parking ramp which is scheduled to be constructed to serve the new Health Science Facilities is currently being planned and developed. Although preliminary planning on this parking structure has been initiated, detailed design will not begin until there is a resolution of the Dartmouth Interchange Connector. The general site of this ramp will be South of Washington Avenue and East of Oak Street. This structure which could ultimately accommodate approximately 3000 cars is scheduled for completion during the Fall of 1973.

B. Buildings and Remodeling:

1. Bierman Field Athletic Building:

This proposed structure will be located on the Southwest corner of the new Bierman Field Athletic Facility. This building will provide space for both inter-collegiate and intramural sports. Planning has been completed and excavation for the building has begun. Scheduled occupancy of this facility is June, 1972.

2. Bell Museum:

This project involved the completion of laboratories, offices and exhibition space in the Bell Museum. The project was completed March, 1971.

3. State Board of Health-New Psychology Building:

The State Board of Health's offices and classrooms were remodeled and the construction of a new wing with additional laboratories, offices, and classrooms is currently under construction. The new Psychology facility will be occupied by the Fall, 1972.

4. Health Sciences - Unit A:

Unit A is a twenty-two story steel structure clad with precast concrete which will house the first stage of the University of Minnesota Health Sciences Expansion. Health Sciences units to be accommodated in the building are the School of Dentistry, Basic Sciences Teaching Laboratories, two departments of the School of Public Health, and a portion of the School of Medicine Clinical Departments. Major teaching facilities in Unit A include one 350 seat auditorium, two 250 seat auditoria, and one 200 seat auditorium as well as a number of smaller seminar and classrooms.

5. Coffman Memorial Union-Remodeling:

A major programming and planning study for the remodeling of Coffman Union is currently in progress. This study which will be completed in December, 1971, will identify areas of the East Bank Student Union which needs to be changed and upgraded to more adequately accommodate the Union's facilities and activities.

ST. PAUL

I. MASTER PLANNING:

In the past, development on the St. Paul Campus has proceeded without a planning framework to guide and coordinate growth. As a result of extensive discussion concerning the need to increase facilities on the St. Paul Campus, it was necessary to initiate a comprehensive planning effort during 1970. Planning at the present time is at a general inventory stage. The University has completed a tactical report and an inventory will be 90% complete in March 1971. The report will include an inventory of all planning elements including landscape and natural features, building and land use, and traffic. All existing and proposed services will be mapped and evaluated as to their capacity and longevity. This work will be coordinated with any new expansion so that a comprehensive service tunnel system may be realized. The current planning work also includes an inventory of building systems and costing in order to establish more meaningful and flexible planning criteria for future buildings. This aspect of the master plan will work to improve the efficiency of classrooms and give them more flexibility for changing educational use and technology. The planning program is directed towards preserving the good qualities of the campus, increasing the utilization of existing facilities and providing for reasonable and orderly growth.

II. COMMUNITY RELATIONS:

A major effort in Community relations has started as part of the Master Planning work on the St. Paul Campus. The communities and neighborhoods surrounding the campus will be appraised of the plans which are being developed and will be asked to comment and respond. The main effort for community involvement will begin after completion of Master Plan inventory stage. The communities include the City of St. Paul, Falcon Heights, Lauderdale and the St. Anthony Park Association.

III. PROJECT PLANNING:

- A. Laboratory-Classroom Building: Offices, laboratories, and classrooms will be provided in this structure for Agriculture Economics, Rural Sociology and Agriculture Education. This structure which will be located in the center of the campus, east of and adjacent to Coffey Hall. Construction is scheduled for completion the end of 1972.
- B. Plant Pathology Greenhouse: Construction of a headhouse and two attached greenhouses is expected to begin in February, 1971. The structure is to be completed in September, 1972.

- C. Biological Sciences Building: The project is a nine story building which will provide laboratories, offices, and classrooms and will contain a Herbarium. Steel framing is complete and concrete and masonry work is in progress. The expected completion date is Fall, 1972.
- D. Meats Processing Building: Working drawings for this structure are finished and construction is scheduled to start August, 1971. The structure will be completed in the Spring of 1973.
- E. Animal Science Facility: Building programming for this facility has been completed. Schematic designs will begin in April, 1971. Occupancy of this building is scheduled for Summer, 1974, if construction monies are granted by the 1973 Legislature.
- F. Rosemount: In conjunction with the planning currently underway for the St. Paul Campus, an inventory and analysis of the facilities at Rosemount is taking place. This planning work also involves a site selection of approximately 100 acres which will be sold to the Dakota County Technical Vocational Institute for the development of a new school facility.

DULUTH

I. MASTER PLANNING:

The campus at Duluth is a series of interconnected buildings providing an all weather complex. Master planning was prepared with the assumption that the Duluth Campus would have about 4000 students. However, the Duluth Campus now has a population of approximately 6000 students and projected enrollments anticipate a student population in excess of 10,000 by 1980. As a result of these increases the plan must be updated through Basic Planning Process. The Planning Office is reviewing this problem.

II. COMMUNITY RELATIONS:

Several meetings have been held with the City and neighborhood groups to assess the problems and goals of each. As the campus enrollment increases, the need for additional and continual exchanges will be essential to insure a successful planning program.

III. PROJECT PLANNING:

- A. Plant Service Center: This building is now in working drawings, awaiting site preparation. This structure will contain plant services shops. Anticipated occupancy of this facility is end of 1972.
- B. Classroom-Laboratory Building: Preliminary drawings have been completed and this project is now in the design development stage. This building will be located in a position to make possible more flexible expansion of the medical facilities directly related to the Science Building. Also under consideration is a linking of this building to an underground service tunnel system. The building will house offices, laboratories, and classrooms for Mathematics and Physics.
- C. Health Service Building: The Health Service Building is intended to provide student health examination rooms, laboratories and offices. This project has been deferred pending the receipt of a report from a special review committee.
- D. Food Service Building: Working drawings are nearly completed and bidding will occur during April. Occupancy is scheduled for Summer, 1973. This facility will link the residential side of the campus of the upper bluff to the academic area.

A service tunnel is being planned in conjunction with this building which will link the new service dock area to other academic major units.

- E. Administration Building: This building is planned to house and consolidate all of the administrative offices, admissions and records, campus mail and computer facilities. Occupancy is scheduled for Summer, 1971.
- F. Performing Arts Building: As a result of the bids exceeding available funds a deficiency appropriation of \$950,000 is being requested from the 1971 Legislature. Federal funds have been provided for this building in addition to private funds.

MORRIS CAMPUS

I. MASTER PLANNING:

After a thorough study of the academic base of the developing program at Morris, a plateau enrollment of 2000 was recommended for planning purposes. This report was presented to the Board of Regents who accepted this concept. Following this decision, a concept plan was prepared for the Morris Campus which included the basic land use and facility placement for a long-range plan. The ten-year building program was brought up to date, including the phasing of the food service facilities, residence hall facilities and necessary academic facilities to reach the plateau. Subsequent studies defined a physical planning framework to accommodate an additional 2000 students.

In January 1969 a new Morris Campus Planning Committee was appointed by the President of the University and their charge included a review of the progress of the college program and an exploration of the possible need for redefinition of the goals and objectives of the college, along with the best means that might be employed to fulfill these goals. This Committee is a part of the total University planning effort appointed by the President and reporting to the President. A Planning Office staff member advises this Committee and in addition, there is a representative from the Morris Campus on the all-University Senate Planning Committee. Finally, at Morris, there are numerous committees composed mainly of faculty which not only are responsible for the implementation of specific parts of the overall plan, but also for planning of improvements for existing programs.

II. COMMUNITY RELATIONS:

The Morris Community and City Planning Commission have been apprised of plans and developments on the Morris Campus. This has been coordinated by the Provost at Morris and the Planning Office.

III. PROJECT PLANNING:

- A. Residence Hall: This housing facility with double rooms and center utility core is nearing completion. Occupancy is scheduled for Fall, 1971.
- B. Humanities Building (Phase I & II): The Humanities Building has been designed to contain offices, a theatre, a shop, laboratories and studios for the Speech and Art Department. The date of occupancy of Phase I of this facility is September, 1973. Phase II is in working drawings and is to be completed at the same time as Phase I.

- C. Library (Phase II): Additional library stacks, reading areas and offices are planned for this unit. Planning has been completed but no construction schedule has been set, pending funding from the 1971 Legislature.
- D. Dining Hall: Dining and Kitchen facilities to serve the on-campus housing units are sixty percent complete. Occupancy of this structure is set for September, 1971.
- E. Behmler Hall (Remodeling): New offices are being provided through the conversion of food service space. Fifty percent of the planning and construction of this project is complete and the facilities are partially occupied. The remainder of the project will be planned and developed in conjunction with the completion of the new dining center. No date has been set for total project completion.
- F. Fraternity Area Plan: A general site plan has been formulated by the University Planning staff for the possible development of three fraternity houses on the Southwest edge of the Campus. These plans were submitted to the Morris Administration in September, 1970, for presentation to the Planning Committee and fraternities. Further work on this project is pending fraternity action.

TECHNICAL INSTITUTE - CROOKSTON

I. MASTER PLANNING:

The preparation of an initial study of a planning framework for the University of Minnesota Technical Institute and Agriculture Experiment Station at Crookston was initiated in November, 1970. Through the master planning process the placement and functional relationships between the various elements of the Crookston installation will be defined and clarified. In addition, detailed items such as drainage, circulation, parking and landscaping will be analyzed and a plan for improvement will be proposed. To date, the data inventory has been completed and a concept plan has been formulated. This preliminary, first stage plan is currently being reviewed and critiqued by all interested participants. Upon completion of the review process, the preliminary plans will be modified and a final plan will be developed and presented. The estimated project completion time is Fall, 1971.

II. CROOKSTON PLANNING COMMITTEE: The Crookston Planning Committee was appointed in June, 1969, to assist in the planning and to coordinate detailed development of the Crookston Agriculture Experiment Station and the Technical Institute. The Committee is composed of representatives from the Crookston Technical Institute Administration, faculty and Plant Services, the Crookston Agriculture Experiment Station, the Office of the Vice President for Coordinate Campuses, the Office of the Assistant Vice President for Planning and Development and the Office of Physical Planning. The Committee meets every month.

III. PROJECT PLANNING:

A. Buildings and Remodeling:

1. Classroom Building:

Planning for the new Classroom Building is completed and construction is underway. The new structure will be occupied in Fall, 1971.

2. Owen Hall:

A wing addition to Owen Hall providing space for Agricultural Engineering was completed in March, 1971.

3. New Residence Hall:

A new residence hall located at the south end of the Crookston Campus is currently under construction and seventy-five percent complete. The new building will be available for use beginning Summer, 1971. Two hundred and thirty students will be housed in double rooms in the four wing structure.

TECHNICAL INSTITUTE - WASECA

I. MASTER PLANNING:

The future physical development of the Waseca Technical Institute will be outlined prior to the official opening of the newly created facility in the Fall of 1971. Preliminary planning for Waseca started in May, 1970, and continues. The first tasks which have been completed are the development of one-hundred and two-hundred-scale base maps, the selection of a final site for a new Horticulture Building and Greenhouses and an analysis of the Plant Service area for the accommodation of loading docks and garage maintenance facilities.

With the work on items which required immediate attention completed, attention has now been directed towards formulation of an overall preliminary concept plan for the Waseca Agriculture Experiment Station and Technical Institute. The initial concept plan will define functional areas and develop relationships between the various components of the Waseca Installation. When the preliminary concepts have been outlined, they will be presented for review and critique to the various involved groups. Based upon the comments and reactions to the preliminary concepts, a final plan will be developed.

II. WASECA PLANNING COMMITTEE:

In January, 1971, President Moos appointed a planning committee to assure the proper and coordinated development of the University of Minnesota, Waseca Campus. Membership included staff from the Experiment Station, the Waseca Technical College Administration, faculty and plant services, the Office of the Vice President for Coordinate Campuses, the Office of the Assistant Vice President for Planning and Development, and the Office of Physical Planning. The Committee's function is to assist, review, and coordinate development items and issues. The first major item of business for the Committee will be a critique of the preliminary Master Planning concepts for the Waseca Campus and Experiment Station.

III. PROJECT PLANNING:

- A. Student Service Area: Conversion and remodeling of former classroom space into administrative offices and a student service area is substantially completed. This newly designed space is already partially occupied.
- B. Classroom Addition: In anticipation of the influx of students to the opening of the Technical Institute at Waseca, a new, two story structure housing classrooms and laboratories is being added to the "C" wing of the existing building. Construction of the Classroom addition is underway and the building will be ready for occupancy at the opening of classes in Fall, 1971.

- C. Horticulture Teaching Complex: The major educational program of the new Waseca Technical Institute will be Horticulture. To provide adequate facilities for this program, a new building and two greenhouses will be developed West of the North Wing of the existing building. Planning of this facility was completed in March, 1971, and construction will begin immediately. The buildings will be placed into service in Fall, 1971.
- D. East-West Road: The existing East-West road which connects the Technical Institute with the County Road serving the Waseca Agriculture Experiment Station will be improved and widened to accommodate an anticipated increase in traffic. This road will also provide access to the new Horticulture Building and is being developed in conjunction with that facility.