

UNIVERSITY OF MINNESOTA

BOARD OF REGENTS

Facilities Committee

Thursday, June 10, 2010

1:30 – 3:30 p.m.

600 McNamara Alumni Center, West Committee Room

Committee Members

Steven Hunter, Chair
Clyde Allen
Anthony Baraga
Dallas Bohnsack
Venora Hung
Dean Johnson

A G E N D A

1. Public Hearing on Amendments to *Regents of the University of Minnesota Traffic Regulation Ordinances* - S. Hunter/K. O'Brien/S. Carthen Watson/M. Ramolae (pp. 2-16)
2. Amendments to *Regents of the University of Minnesota Traffic Regulation Ordinances* - Action - K. O'Brien/S. Carthen Watson/M. Ramolae (pp. 17-18)
3. Resolution Related to Campus Master Plan for the University of Minnesota Crookston - Action - K. O'Brien/C. Casey (pp. 19-74)
4. Schematic Plans - Review/Action - K. O'Brien/F. Cerra/R. Johnson (pp. 75-80)
 - A. Biomedical Facilities Program - Cancer/Cardiovascular Projects, Twin Cities Campus
5. Resolution to Amend Project Boundaries and Distribute Draft Environmental Impact Statement for the UMore Park Sand and Gravel Resources Project - Review/Action - C. Muscoplat/K. Larson (pp. 81-93)
6. Resolution to Nominate the Northrop Mall District for the National Register of Historic Places - Review/Action - K. O'Brien/O. Miller (pp. 94-97)
7. Real Estate Transaction - Review - K. O'Brien/S. Weinberg (pp. 98-102)
 - A. Five-Year Lease for Soudan Underground Laboratory, Soudan Underground Mine State Park, St. Louis County, Minnesota
8. Consent Report - Review/Action - K. O'Brien (p. 103)
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**UNIVERSITY OF MINNESOTA
BOARD OF REGENTS**

Facilities Committee

June 10, 2010

Agenda Item: Public Hearing on Amendments to Regents of the University of Minnesota Traffic Regulation Ordinances

review review/action action discussion

Presenters: Regent Steven Hunter
Vice President Kathleen O'Brien
Shelley Carthen Watson, Associate General Counsel
Michael Ramolae, Assistant Director – Parking and Transportation Services

Purpose:

policy background/context oversight strategic positioning

To conduct a public hearing on the proposed amendments to the *Regents of the University of Minnesota Traffic Regulation Ordinances*.

Outline of Key Points/Policy Issues:

The University proposes amending the *Regents of the University of Minnesota Traffic Regulation Ordinances* to add a new Ordinance #6, which applies to the regulation of mopeds, and moped traffic and parking on all properties owned, leased or occupied by the University of Minnesota.

Background Information:

Ordinances #1, #2, #3, #4, and #5 were amended by the Board of Regents in October 2000.

At the Board of Regents Facilities Committee meeting held May 13, 2010, the Board approved the public hearing date and the ordinance language for the public hearing.

The proposed amendments to the Regents Traffic Regulation Ordinances are on pages 3-16 of the docket materials. Language additions are noted by underlined language.



REGENTS OF THE UNIVERSITY OF MINNESOTA

TRAFFIC REGULATION ORDINANCES

2010

ORDINANCE NO. 1

THE REGENTS OF THE UNIVERSITY OF MINNESOTA, A CONSTITUTIONAL EDUCATIONAL CORPORATION ("UNIVERSITY OF MINNESOTA"), DOES ORDAIN:

ARTICLE I.

Section 1. Pursuant to authority granted in Minnesota Statutes Chapters 137 and 169, the University of Minnesota is hereby authorized to employ peace officers of the University of Minnesota.

Section 2. Said peace officers shall have the powers of arrest to enforce the rules, regulations and ordinances adopted by the University of Minnesota and the Highway Traffic Regulations Act, all pursuant to Minnesota Statutes Chapters 137 and 169, as amended.

ARTICLE II.

SAVING CLAUSE

If any part or parts of this ordinance shall be held unconstitutional, such fact shall not affect the validity of the remaining parts of this ordinance. The University of Minnesota hereby declares it would have passed the remaining parts of this ordinance if it had known that such part or parts thereof would be declared unconstitutional.

ARTICLE III.

EFFECTIVE DATE

This ordinance and any amendments thereto shall be enforced and in effect upon the filing of the same with proof of publication thereof with the Secretary of State of the State of Minnesota.

ORDINANCE NO. 2

THE REGENTS OF THE UNIVERSITY OF MINNESOTA, A CONSTITUTIONAL EDUCATIONAL CORPORATION ("UNIVERSITY OF MINNESOTA"), DOES ORDAIN:

ARTICLE I.

APPLICATION

This ordinance and subsequent ordinances, unless expressly stated therein, shall apply to the regulation of traffic and parking upon parking facilities, highways, streets, private roads and roadways, as herein defined, situated on all properties owned, leased or occupied by the University of Minnesota.

Where not in conflict with the Regents of the University of Minnesota Traffic Regulation Ordinances, the Uniform Highway Traffic Regulations Act and Minnesota Statutes Chapters 137 and 169, as amended and revised, shall apply upon all properties and facilities owned, leased or occupied by the University of Minnesota.

ARTICLE II.

DEFINITIONS

The following words and phrases when used in this ordinance and subsequent ordinances, unless expressly stated therein, shall have the meanings respectively ascribed to them in this section:

Section 1. Street or Highway. "Street or Highway" means the entire width between curb or surface lines of any way or place when any part thereof is open to the use of the public for the purposes of vehicular traffic.

Section 2. Private Road or Driveway. "Private Road or Driveway" includes every street or highway not dedicated to the respective governmental subdivision and every way or place in University of Minnesota ownership used for vehicular travel by the owner and those having express or implied permission from the owner, but not other persons.

Section 3. Roadway. "Roadway" means that portion of a street or highway, private road or driveway or parking facility designed or ordinarily used for vehicular travel or the accommodation of stopped or parked vehicles.

Section 4. Parking. "Parking" refers to the standing of a vehicle upon a street or highway, private road or driveway or roadway, whether accompanied or unaccompanied by the operator thereof.

Section 5. Parking Facility. "Parking Facility" refers to those areas or structures located on University of Minnesota owned or leased property and authorized for the parking of vehicles, whether without charge or for a fee.

Section 6. Unless specifically defined herein, any term used in this ordinance and defined in Minnesota Statutes Section 169.01 has the meaning given it by that Section.

ARTICLE III.

TRAFFIC PROVISIONS

Section 1. Miscellaneous Provision. No vehicle shall be driven, operated or parked upon properties owned by or under the supervision and control of the University of Minnesota, except upon parking facilities, highways or streets, private roads or driveways and roadways, as defined in this ordinance, and then only subject to the provisions of the Ordinances of the Regents of the University of Minnesota, the Highway Traffic Regulation Act (Minnesota Statutes Chapter 169, as amended) or other lawful authority.

Section 2. Stopping. It shall be unlawful for any person to drive and operate, stop or park a vehicle upon any roadway so as to needlessly, unnecessarily and unwarrantedly block, obstruct or interfere with the orderly flow of traffic, vehicular and pedestrian. Proof that such traffic was blocked, obstructed or interfered with shall be prima facie evidence that such blocking, obstructing and interference was needless, unnecessary and unwarranted.

No vehicles shall stop on or in any crosswalk or driveway so as to interfere with the passage of pedestrians.

Section 3. Parking. (a) Parking is prohibited upon all properties owned, leased or occupied by the University of Minnesota which have not been designated a parking facility or as parking areas and appropriately marked as such, except that a vehicle may be temporarily parked for the purpose of loading or unloading where access to the premises is not otherwise available and in specially designated construction staging areas. A clear and safe path of travel for pedestrians must be maintained at all times.

(b) Except where signs designate angle parking, no person shall stand or park a vehicle other than parallel with the edge of the roadway, headed in the direction of traffic, with the curb-side wheels of the vehicle within twelve inches of the edge of the roadway and not closer than four feet to another vehicle parked at the curb; or not in compliance with the established signs and marking then evident.

(c) Except where signs designate angle parking upon any roadway not having a curb, each vehicle stopped or parked shall be stopped or parked parallel with and to the right of the paved or improved or main traveled part of the street or highway.

(d) No person shall park a vehicle for a longer period of time than is designated on traffic control devices marking such zone.

(e) No person shall stop, stand or park a vehicle, unless directed to do so by a police officer, on any roadway where the University of Minnesota has authorized a "No Parking Zone," or Bus Stop or Bus Zone and such zone is marked by sign or yellow curb.

(f) No person shall park a vehicle on any roadway except pursuant to the terms or conditions regulating parking on said properties as indicated on the parking meter instruction plates or upon signs erected in the area.

(1) If said vehicle shall remain in any such parking space beyond the parking time limit for such parking space and the parking meter shall have displayed the sign for illegal parking, such vehicle shall be considered as parked overtime and such overtime parking shall be a violation of this ordinance.

(2) No person shall deposit or cause to be deposited in any parking meter any slugs, devices or other substances as a substitute for a coin of the United States.

(3) No person shall damage, deface, tamper with, open or willfully break, destroy or impair the usefulness of any parking meter installed under the provisions of this ordinance.

(g) Official University Vehicle Zones.

Establishment.

(1) No person shall stand or park any vehicle, except an official University vehicle designated with a proper permit displayed from the rear view mirror of such vehicle in any area designated and posted as an official University vehicle zone, and then only in accordance with the conditions of the permit and the posted signs.

(h) Parking Facilities and Parking Areas. All parking in parking facilities and areas designated as parking areas shall be in conformity with posted signs and instructions and pavement markings, unless otherwise directed by lawful authority.

Section 4. Careless Driving. No person shall operate or halt any vehicle carelessly or recklessly upon a roadway in disregard of the rights or safety of others or in a manner so as to endanger or be likely to endanger any person or property.

Section 5. Speed Limits. No vehicle shall be driven or operated upon a roadway at a speed greater than twenty miles per hour, or less if otherwise posted.

Section 6. Special Hazards. Notwithstanding the speed limits set forth in Section 5 of this ordinance, no person shall drive a vehicle at a speed greater than is reasonable and prudent under the conditions, and having regard for the actual and potential hazards then existing. In every event, the speed shall be so restricted as may be necessary to avoid colliding with any person, vehicle or other conveyance on or entering the street, avenue or roadway in compliance with legal requirements and the duty of all persons to use due care.

Section 7. Obedience to Traffic Control Signs and Devices. No pedestrian, driver of a vehicle or person riding an animal or bicycle shall disobey the instructions of any official traffic control sign or device, unless at the time otherwise directed by a police officer or parking enforcement personnel.

Section 8. Towing. Any police officer or parking enforcement personnel are hereby empowered to cause to be removed and towed any unattended vehicle, including those determined to be abandoned, standing or parked in violation of the terms of this ordinance, the Uniform Traffic Regulation Act or other lawful authority. Where such vehicle is towed away and stored, such vehicle will not be returned to the owner thereof except upon satisfactory proof of ownership and upon payment of the reasonable cost for towage and storage of such vehicle.

ARTICLE IV.

PARKING ENFORCEMENT PERSONNEL

Section 1. The President or his/her designee is authorized to execute in the name of the Regents of the University of Minnesota a certificate of appointment for persons designated as University Parking Enforcement Personnel, whose appointment, salary, wages and other terms and conditions of employment shall be pursuant to the University of Minnesota Civil Service Rules or applicable bargaining unit contract.

Section 2. Parking enforcement personnel shall have the authority to issue traffic tags for parking meter and other non-moving violations under the code and the state traffic laws, on property owned, leased or occupied by the University of Minnesota. Such tags shall have the same force and effect as though issued by a duly appointed qualified and acting peace officer.

ARTICLE V.

VIOLATIONS

Section 1. Prima facie violation. The presence of any motor vehicle on any street when standing or parked in violation of this ordinance is prima facie evidence that the registered owner of the vehicle committed or authorized the commission of the violation.

Section 2. Separate violations. Unless otherwise provided, each act of violation and every day on which a violation occurs or continues constitutes a separate offense.

Section 3. Penalties. Any person found violating any of the provisions of this ordinance upon conviction shall be guilty of a petty misdemeanor.

ARTICLE VI.

SAVING CLAUSE

If any part or parts of this ordinance shall be held unconstitutional, such fact shall not affect the validity of the remaining parts of this ordinance. The University of Minnesota hereby declares it would have passed the remaining parts of this ordinance if it had known that such part or parts thereof would be declared unconstitutional.

ARTICLE VII.

EFFECTIVE DATE

This ordinance shall be enforced and in effect upon the filing of the same with proof of publication thereof with the Secretary of State of the State of Minnesota.

ORDINANCE NO. 3

THE REGENTS OF THE UNIVERSITY OF MINNESOTA, A CONSTITUTIONAL EDUCATIONAL CORPORATION ("UNIVERSITY OF MINNESOTA"), DOES ORDAIN:

ARTICLE I.

This ordinance and subsequent ordinances, unless expressly stated therein, shall apply to the regulation of bicycles and bicycle traffic and parking upon all properties owned, leased or occupied by the University of Minnesota.

ARTICLE II.

DEFINITIONS

Unless specifically defined herein, any term used in this ordinance and defined in Minnesota Statutes, Section 169.01 has the meaning given it by that Section.

ARTICLE III.

DRIVING AND OPERATION OF BICYCLES

Section 1. Every person operating a bicycle upon properties owned, leased or occupied by the University of Minnesota shall have all the rights and duties applicable to the driver of a vehicle by this ordinance and Minnesota Statutes Chapters 137 and 169, except as to provisions of such ordinance or statutes which by their nature have no application.

Section 2. No person shall ride and propel a bicycle upon property owned, leased or occupied by the University of Minnesota except in a prudent and careful manner, with reasonable regard to the safety of the operator and other persons.

Section 3. No person shall operate a bicycle on sidewalks, crosswalks or pedestrian areas located on property owned, leased or occupied by the University of Minnesota except:

(a) in compliance with all posted signs governing or directing the operation or parking of bicycles, where applicable; and

(b) where bicycle lanes are designated by lane markings and signs or pavement markings.

Section 4. A person walking a bicycle on sidewalks or plazas on properties owned, leased or occupied by the University of Minnesota shall have all the rights and duties applicable to pedestrians.

ARTICLE IV.

PARKING AND STORAGE OF BICYCLES

Section 1. No person shall park a bicycle in any classroom, auditorium, laboratory or other place which blocks or limits access to building entrances, handicap or pedestrian ramps, stairways, hallways, doors, fire hydrants, fire lanes, bicycle lanes or sidewalks except where a bicycle rack extends into any of these areas.

Section 2. No person shall transport bicycles in University of Minnesota building elevators or operate bicycles in University of Minnesota buildings.

Section 3. No person shall chain or otherwise attach a bicycle to any tree or plant material or park a bicycle on any handicap or pedestrian ramp.

Section 4. Any police officer or agent of the chief law enforcement officer is hereby empowered to cause to be removed and stored in other areas on University of Minnesota premises or in a public garage any unattended bicycle standing or parked in violation of Sections 1 and 3 of this ordinance, the Uniform Traffic Regulation Act or other lawful authority.

Where such bicycle is removed and stored in other areas on the premises of the University of Minnesota or in such public garage, such bicycle will be held for 30 days and will not be returned to the owner thereof except upon satisfactory proof of ownership. Bicycles will be disposed of if not claimed within 30 days.

The presence of any bicycle on any street or other area when standing or parked in violation of this ordinance is prima facie evidence that the owner of the bicycle committed or authorized the commission of the violation.

ARTICLE V.

BICYCLE MONITORS

Section 1. The President or his/her designee is authorized in the name of the Regents of the University of Minnesota to appoint and train student employees designated as University of Minnesota bicycle monitors, whose salary, wages and other terms and conditions of employment shall be determined pursuant to the University of Minnesota Student Employment Rules.

Section 2. Bicycle monitors shall have the authority to patrol University of Minnesota property on University of Minnesota owned bicycles and to issue traffic tags for parking and/or moving violations committed by bicyclists or pedestrians under this code on property owned, leased or occupied by the University of Minnesota. Such tags shall have the same force and effect as though issued by a duly appointed qualified and acting peace officer.

ARTICLE VI.

VIOLATIONS

Section 1. Prima facie violations. The presence of any bicycle on any street when standing or parked in violation of this ordinance is prima facie evidence that the registered owner of the bicycle committed or authorized the commission of the violation.

Section 2. Separate violations. Unless otherwise provided, each act of violation and every day on which a violation occurs or continues constitutes a separate offense.

Section 3. Penalties. Any person found violating any of the provisions of this ordinance upon conviction shall be guilty of a petty misdemeanor.

ARTICLE VII.

SAVING CLAUSE

If any part or parts of this ordinance shall be held unconstitutional, such fact shall not affect the validity of the remaining parts of this ordinance. The University of Minnesota hereby declares it would have passed the remaining parts of this ordinance if it had known that such part or parts thereof would be declared unconstitutional.

ARTICLE VIII.

EFFECTIVE DATE

This ordinance and any amendments thereto shall be enforced and in effect upon the filing of the same with proof of publication thereof with the Secretary of State of the State of Minnesota.

ORDINANCE NO. 4

THE REGENTS OF THE UNIVERSITY OF MINNESOTA, A CONSTITUTIONAL EDUCATIONAL CORPORATION ("UNIVERSITY OF MINNESOTA"), DOES ORDAIN:

ARTICLE I.

APPLICATION

This ordinance and subsequent ordinances unless expressly stated therein, shall apply to the regulation of skateboarding and roller skating upon all properties owned, leased or occupied by the University of Minnesota.

ARTICLE II.

DEFINITIONS

The following words and phrases when used in this ordinance have the meanings given them below:

Section 1. Skateboard. "Skateboard" means a device for riding upon, usually while standing, consisting of a piece of wood or other composition mounted on skate wheels, with or without motorized power.

Section 2. Roller Skate. "Roller skate" means a form of skate having small wheels or rollers instead of a runner. The term shall also include devices commonly known as in-line skates and roller skis.

Section 3. Unless specifically defined herein, any term used in this ordinance and defined in Minnesota Statutes Section 169.01 has the meaning given it by that Section.

ARTICLE III.

PROHIBITIONS

Section 1. Skateboarding. No person shall ride or operate a skateboard upon properties owned, leased or occupied by the University of Minnesota, including but not limited to buildings, mall and plaza areas, sidewalks, streets, alleys and parking facilities where applicable.

Section 2. Roller Skating. No person shall ride or operate roller skates upon properties owned, leased or occupied by the University of Minnesota, except in a prudent and careful manner, with reasonable regard for the safety of the operator and other persons.

ARTICLE IV.

VIOLATIONS

Section 1. Penalties. Any person found violating any of the provisions of this ordinance upon conviction shall be guilty of a petty misdemeanor.

Section 2. Impoundment. Any police officer who observes a person violating this Ordinance is authorized to seize the person's skateboard or roller skates and impound them at the University of Minnesota Police Department for twenty-four (24) hours.

ARTICLE V.

SAVING CLAUSE

If any part or parts of this ordinance shall be held unconstitutional, such fact shall not affect the validity of the remaining parts of this ordinance. The University of Minnesota hereby declares it would have passed the remaining parts of this ordinance if it had known that such part or parts thereof would be declared unconstitutional.

ARTICLE VI.

EFFECTIVE DATE

This ordinance and any amendments thereto shall be enforced and in effect upon the filing of the same with proof of publication thereof with the Secretary of State of the State of Minnesota.

ORDINANCE NO. 5

THE REGENTS OF THE UNIVERSITY OF MINNESOTA, A CONSTITUTIONAL EDUCATIONAL CORPORATION ("UNIVERSITY OF MINNESOTA"), DOES ORDAIN:

ARTICLE I.

APPLICATION

This ordinance shall apply to the regulation of traffic and parking upon the University Transitway.

ARTICLE II.

DEFINITIONS

The following words and phrases when used in this ordinance shall have the meanings respectively ascribed to them in this section:

Section 1. "University Transitway" means the University of Minnesota owned roadway connecting the Minneapolis and St. Paul campuses.

Section 2. "Emergency Vehicle" means public police and fire vehicles, and public and private ambulances.

Section 3. "Public Works, Maintenance and Service Vehicles" include public and private repair and construction vehicles and equipment; public and private street cleaning and snow removal vehicles and equipment; public and private water and sewer repair and construction vehicles and equipment; and public and private vehicles and equipment engaged in construction, service and repair of electric, gas, telephone or other public utility facility, all such vehicles only while engaged in the stated activities on the University Transitway or on property immediately adjacent where access is required from the University Transitway.

Section 4. "Public Carriers" include University of Minnesota contracted vehicles engaged in the mass transportation of persons by bus between Minneapolis and St. Paul campuses with intermediate stops at University of Minnesota designated locations.

Section 5. Unless specifically defined herein, any term used in this ordinance and defined in Minnesota Statutes Section 169.01 has the meaning given it by that Section.

ARTICLE III.

TRAFFIC PROVISION

Section 1. Limited Access. No motor vehicle or other vehicle shall travel on the University Transitway except emergency vehicles; public works, maintenance and service vehicles; and public carriers.

No limitation or prohibition shall apply to vehicles on a street intersecting or crossing such part of the University Transitway.

ARTICLE IV.

SPEED

Section 1. No person shall travel in excess of the posted speed limit. The President or his/her designee is authorized to determine the posted speed limit in consultation with appropriate University of Minnesota police, health and safety and appropriate engineering officials. Such speed limit shall not be in excess of 40 mph.

ARTICLE V.

PARKING

Section 1. Parking is prohibited on the University Transitway.

ARTICLE VI.

VIOLATIONS

Section 1. Prima facie violations. The presence of any vehicle on the University Transitway when standing or parked in violation of this ordinance is prima facie evidence that the registered owner of the vehicle committed or authorized the commission of the violation.

Section 2. Separate violations. Unless otherwise provided, each act of violation and every day on which a violation occurs or continues constitutes a separate offense.

Section 3. Penalties. Any person found violating any of the provisions of this ordinance upon conviction shall be guilty of a petty misdemeanor.

ARTICLE VII.

SAVING CLAUSE

If any part or parts of this ordinance shall be held unconstitutional, such fact shall not affect the validity of the remaining parts of this ordinance. The University of Minnesota hereby declares it would have passed the remaining parts of this ordinance if it had known that such part or parts thereof would be declared unconstitutional.

ARTICLE VIII.

EFFECTIVE DATE

This ordinance shall be enforced and in effect upon the filing of the same with proof of publication thereof with the Secretary of State of the State of Minnesota.

ORDINANCE NO. 6

THE REGENTS OF THE UNIVERSITY OF MINNESOTA, A CONSTITUTIONAL EDUCATIONAL CORPORATION (“UNIVERSITY OF MINNESOTA”), DOES ORDAIN:

ARTICLE I.

APPLICATION

This ordinance shall apply to the regulation of mopeds in their operation and parking upon parking facilities, highways, streets, private roads and roadways, as herein defined, situated on all properties owned, leased or occupied by the University of Minnesota.

ARTICLE II.

DEFINITIONS

The following words and phrases when used in this ordinance have the meanings given them below:

Section 1. Moped. "Moped" means a motorized bicycle that is propelled by an electric or a liquid fuel motor of a piston displacement capacity of 50 cubic centimeters or less, and a maximum of two brake horsepower, which is capable of a maximum speed of not more than 30 miles per hour on a flat surface with not more than one percent grade in any direction when the motor is engaged.

Section 2. Operate. "Operate" means to drive or be in actual physical control of a moped.

Section 3. "University Transitway" means the University of Minnesota owned roadway connecting the Minneapolis and St. Paul campuses.

ARTICLE III.

OPERATION OF MOPEDS

Section 1. General Provision. All mopeds shall be operated in accordance with Local, State, Federal, and University of Minnesota Twin Cities Campus permitting regulations.

Section 2. No person shall operate a moped upon property owned, leased or occupied by the University of Minnesota except in a prudent and careful manner, with reasonable regard to the safety of the operator and other persons.

Section 3. Current Registration. No person shall operate or park a moped upon property owned, leased or occupied by the University of Minnesota unless said moped is currently registered under the current owner with the State of Minnesota and displays a valid license plate.

Section 4. Pedestrian Areas. No person shall ride a moped on sidewalks, crosswalks, pedestrian walkways, service drives, or wheelchair ramps located on property owned, leased or occupied by the University of Minnesota, unless the area is specifically designated for use by motorized vehicles.

Section 5. Bicycle Paths or Lanes. No person shall operate a moped on a designated bicycle path or lane.

Section 6. Washington Avenue Pedestrian Bridge. No person shall ride a moped on the Washington Avenue Pedestrian Bridge. A person may, however, walk across the Washington Avenue Pedestrian Bridge with a moped.

Section 9. University Transitway. No person shall operate a moped on the University Transitway.

Section 10. Restricted Areas. No person shall operate a moped in any area that is restricted to emergency vehicles and buses.

Section 11. Helmets. No person under 18 shall operate a moped without a helmet.

Section 12. Eye Protection. No person shall operate a moped without eye protection.

Section 13. Standard Equipment. No person shall operate a moped that lacks any of the following in working order: headlight, taillight, horn, mirror, or stop lamp.

Section 15. Passengers. No person shall carry a passenger while operating a moped.

Section 16. Carrying Objects. No person shall operate a moped while carrying any object that prevents the person from keeping both hands upon the handlebars.

Section 17. Liability Insurance. No person shall operate a moped without liability insurance.

Section 18. Buildings and Building Elevators. No person shall transport a moped in University of Minnesota building elevators or operate a moped in University of Minnesota buildings.

Section 19. Pedestrians. All persons operating mopeds shall yield to pedestrians.

ARTICLE IV.

PARKING AND STORAGE OF MOPEDS

Section 1. Mopeds may park in any public parking facility and pay the posted rate.

Section 2. Designated Moped Parking. Moped permits are valid only in designated moped parking areas. Mopeds parked in any designated moped parking areas must display a valid moped parking permit.

Section 3. Surface Lots. Full-time staff or faculty with an active surface lot contract may park a moped in their assigned surface lot.

Section 4. Bicycle Racks and Parking Areas. No person shall park a moped at a bicycle rack or bicycle parking area on the University of Minnesota Twin Cities Campus.

Section 5. Attaching to Fixtures. No person shall park or lock a moped to a fixture outside of designated parking areas, including, but not limited to: a utility pole, bollards, tree, railing, sign post, or fence.

ARTICLE V.

VIOLATIONS

Section 1. Citations. Improperly parked or non-permitted mopeds may be cited by authorized University personnel.

Section 2. Current Registration and Permitting. Mopeds that do not display a current and valid plate, and a valid parking permit, as applicable, may be cited, towed and impounded.

Section 3. Prima facie violation. The presence of any moped on any part of the University of Minnesota Twin Cities Campus when standing or parked in violation of this ordinance is prima facie evidence that the registered owner of the moped committed or authorized the commission of the violation.

Section 4. Separate violations. Unless otherwise provided, each act of violation and every day on which a violation occurs or continues constitutes a separate offense.

Section 5. Penalties. Any person found violating any of the provisions of this ordinance upon conviction shall be guilty of a petty misdemeanor.

ARTICLE. VI.

SAVING CLAUSE

If any part of parts of this ordinances shall be held unconstitutional, such fact shall not affect the validity of the remaining parts of this ordinance. The University of Minnesota hereby declares it would have passed the remaining parts of this ordinance if it had not known that such part or parts thereof would be declared unconstitutional.

ARTICLE. VII.

EFFECTIVE DATE

This ordinance shall be enforced and in effect upon the filing of the same with proof of publication thereof with the Secretary of State of the State of Minnesota.



**UNIVERSITY OF MINNESOTA
BOARD OF REGENTS**

Facilities Committee

June 10, 2010

Agenda Item: Regents of the University of Minnesota Traffic Regulation Ordinances

review review/action action discussion

Presenters: Vice President Kathleen O'Brien
Shelley Carthen Watson, Associate General Counsel
Michael Ramolae, Assistant Director – Parking and Transportation Services

Purpose:

policy background/context oversight strategic positioning

To seek Board approval of the resolution adopting amendments to the *Regents of the University of Minnesota Traffic Regulation Ordinances*.

Outline of Key Points/Policy Issues:

The University proposes amending the *Regents of the University of Minnesota Traffic Regulation Ordinances* to add a new Ordinance #6, which applies to the regulation of mopeds, and moped traffic and parking on all properties owned, leased or occupied by the University of Minnesota.

Background Information:

Ordinances #1, #2, #3, #4, and #5 were amended by the Board of Regents in October 2000.

The proposed amendment to the Regents Traffic Regulation Ordinances was reviewed at the May 2010 Facilities Committee meeting. The Ordinances are on pages 3-16 of the docket materials. The amendments are noted by underlined language. The published notice of the public hearing included only the proposed final language for the *Regents of the University of Minnesota Traffic Regulation Ordinances*.

President's Recommendation for Action:

The President recommends approval of the *Regents of the University of Minnesota Traffic Regulation Ordinances* resolution.



REGENTS OF THE UNIVERSITY OF MINNESOTA
RESOLUTION RELATED TO THE ADOPTION OF THE
AMENDMENTS TO THE
REGENTS OF THE UNIVERSITY OF MINNESOTA
TRAFFIC REGULATION ORDINANCES

WHEREAS, in accordance with Minnesota Statutes 1979, Chapter 169.965 and Chapter 137.12 the Regents of the University of Minnesota have adopted Traffic Regulation Ordinances; and

WHEREAS, the Regents of the University of Minnesota reserve the right to amended and update the Traffic Regulation Ordinances from time to time as recommended by the administration; and

WHEREAS, the administration is in the process of updating the Twin Cities Campus Parking and Transportation Policies, which requires the Traffic Regulation Ordinances be amended accordingly; and

WHEREAS, the Board of Regents reviewed the proposed amendments to the Traffic Regulation Ordinances at their meeting in May 2010; and

WHEREAS, having published the required public notices, the Regents of the University of Minnesota conducted a public hearing on the proposed amendments to the Regents of the University of Minnesota Traffic Regulation Ordinances on the 10th day of June, 2010, at 1:30 o'clock p.m., in the West Committee Room, on the 6th floor of the McNamara Alumni Center, located at 200 Oak Street Southeast, Minneapolis, Minnesota.

NOW, THEREFORE, BE IT RESOLVED, that as recommended by the administration, having informed the affected communities and conducted the public hearing, the amendments to the Regents of the University of Minnesota Traffic Ordinances, as detailed in the docket materials of the Facilities Committee on pages 3-16, are approved.



**UNIVERSITY OF MINNESOTA
BOARD OF REGENTS**

Facilities Committee

June 10, 2010

Agenda Item: Resolution Related to the Campus Master Plan for the University of Minnesota Crookston

review review/action action discussion

Presenters: Vice President Kathleen O'Brien
Chancellor Charles Casey

Purpose:

policy background/context oversight strategic positioning

Act on a resolution related to the Campus Master Plan for the University of Minnesota Crookston. The campus master plan supports the Crookston campus mission and guides future land use, capital project decisions, historic preservation; and technological support for the next 10 years.

Outline of Key Points/Policy Issues:

The master plan outlines a future for the Crookston campus as a community that serves as a hub of educational, research and outreach activity in its region. Design, construction and operations activities will reinforce the campus' commitment to sustainability. Campus growth will be balanced between financial resources and goals for environmental and academic leadership.

The Crookston Campus Master Plan amendments were reviewed at the May 2010 Facilities Committee meeting.

There are three principles that represent aspirations for the future of the Crookston campus. These principles reflect the values the campus community holds in high esteem.

Master Plan Comprehensive Principles:

- Changes to campus lands and practices will achieve sustainability in design, construction and operations activity.
- Investments in campus facilities will allow the campus to flourish as a complete community and a resource to the region.
- Campus growth will be economically and environmentally matched to available resources.

Trends and Assumptions

Student enrollment is projected to grow in the next 10 year timeframe. Most of the increase in student population is expected to come in the form of online enrollment.

Faculty/ staff populations will hold approximately steady, with some potential increases that will emerge if a greater share of the student population is present on campus than is currently planned.

Some campus facilities will require reinvestment due to aging infrastructure and buildings.

Energy efficiency gains through retrofitting and reuse of existing spaces are expected. If new development on campus proceeds, investment in basic infrastructure (cooling, heating, electrical power) will be required.

Key Initiatives

Key building initiatives detailed in the Campus Master Plan are planned to occur within a 20 year horizon. Central budget support as experienced in the recent past is unlikely to be sustained between 2010 and 2020. However, as funding is secured and projects advance, the following priorities for new construction were identified from the Master Planning process. The sequence of new projects will be determined by project need and available resources.

New Wellness Center (an expansion of the UMC Sports Center in its current location)
Equine Center expansion
New residential building west of Centennial Hall
Two new sites for academic buildings

Recommendations and Guidelines

The plan recommendations consist of eight sections, organized by theme. Within each theme, a number of guidelines are intended to guide decision making about future investments. The sections in the plan are listed below:

Districts
Wayfinding
Buildings
Utilities and Energy Management
Open Space
Campus Movement and Connections
Architecture and Image
Community Connections

Background Information:

Included in the docket materials is a copy of the Crookston Campus Master Plan. The full Plan can be found at: http://www.cppm.umn.edu/master_planning.html.

Board of Regents Policy: *Reservation and Delegation of Authority*, section VIII, subdivision 5, states “The Board of Regents reserves to itself authority to approve campus master plans and amendments thereto.”

In September 1992 the Chair of the Board of Regents and the President of the University appointed a Master Planning Steering Committee to “design and recommend a set of principles which will discipline and inspire the development of a master planning process.”

In 1993 the Board of Regents adopted the following four Campus Master Planning principles as developed by the master Plan Steering Committee:

- The principle of creating and maintaining a distinctive and aspiring vision for the physical development of each campus;
- The principle of enriching the experience of all who come to the campus;
- The principle of maximizing the value of existing physical assets while responding to emerging/changing physical needs;

- The principle of an inclusive, accountable, and timely process for creating and implementing a master plan vision.

In September 1996, the Board of Regents adopted a resolution directing the campus master plans reviewed earlier in the year to be used to “guide the future development of the campuses in accordance with the four planning principles and the policies, procedures and strategies therein will be the basis for all future master planning decisions.”

In the spring of 2008, and working with the Campus Facilities Committee, Chancellor Casey appointed a Master Plan work group and charged it with the task of updating the 2001 Crookston Campus Master Plan. Members of that Committee included faculty and administrators as listed below:

Tom Baldwin - Academic Affairs
Pam Elf - Math, Science, & Technology Department
Tom Feiro - Department of Environmental Health & Safety
Stephanie Helgeson - Athletics
Ken Myers - Business Department
Tim Norton - Facilities & Operations
Tricia Sanders - Business Affairs
Sonia Spaeth - Liberal Arts & Education Department
Dan Svedarsky - Center for Sustainability
Owen Williams - Library
Michelle Ramstad - Facilities & Operations
Ron Del Vecchio - Agriculture & Natural Resources Department

After consultation with Capital Planning staff at the Capital Planning and Project Management office, it was determined that University of MN staff would support the Committee’s work. Additional expertise was provided by the authors of the 2001 Master Plan, Oslund and Associates, to support decision making and assemble the document as the update effort continued,

A series of workshops and consultative meetings were held between June 2009 and January 2010. In February 2010, the Facilities Committee with the support of CPPM planners presented the draft plan to the Crookston community, which included good representation from students, faculty, administrators and representatives of the City of Crookston. Approximately 50 attendees heard a presentation and an extensive question and answer period concluded the meeting.

The Facilities Committee finalized revisions to the draft document following the all-campus meeting, resulting in the document presented to the Board of Regents in May 2010.

An electronic version of the plan document may be found online at http://www.cppm.umn.edu/master_planning.html



REGENTS OF THE UNIVERSITY OF MINNESOTA

RESOLUTION RELATED TO THE CAMPUS MASTER PLAN FOR THE UNIVERSITY OF MINNESOTA CROOKSTON

WHEREAS, in 1993, the Board of Regents adopted the following four campus master planning principles to direct the development of campus master plan on each of the University of Minnesota campuses:

The principle of creating and maintaining a distinctive and aspiring vision for the physical development of each campus;

The principle of enriching the experience of all who came to the campus;

The principle of maximizing the value of existing physical assets while responding to emerging/changing physical needs;

The principle of an inclusive, accountable, and timely process for creating and implementing the master plan vision; and

WHEREAS, in spring 2008 Chancellor Casey charged a faculty, staff, and student steering committee to update the 2001 University of Minnesota, Crookston Campus Master Plan; and

WHEREAS, using internal resources and expertise supported by a professional planning consultant to update the Crookston Campus Master Plan resulted in the development of an update to the plan that reflects the consensus of the Campus community, supports the academic priorities of the Crookston Campus, and builds on the previous campus plan; and

WHEREAS, the steering committee engaged in broad consultation with the campus community, adjacent jurisdictions, community partners and adjoining neighborhoods, throughout the master planning process; and

WHEREAS, the plan recognizes the unique mission of the Crookston Campus as a regional hub in Northwestern Minnesota that provides applied career-oriented learning programs and connects its teaching, research and outreach activities to serve the public good; and

WHEREAS, the administration from the University of Minnesota has recommended the adoption of this Amendment to the Crookston Campus Master Plan;

NOW, THEREFORE, BE IT RESOLVED that the Board of Regents directs that the Amended Master Plan for the University of Minnesota Crookston be used to support the Crookston Campus academic mission and guide future land use and capital project decisions in accordance with the four planning principles.



UNIVERSITY OF MINNESOTA, CROOKSTON

2010 CAMPUS MASTER PLAN

oslund.and.assoc

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INTRODUCTION

CROOKSTON IN THE UNIVERSITY OF MINNESOTA SYSTEM

The University of Minnesota, Crookston is a four-year, public university with an enrollment of 1,300 full time students and 1,000 part time students. It serves as one of the University of Minnesota's four coordinate campuses.

Since its establishment in 1905, the 108 acre campus has served the educational needs of Northwest Minnesota. The University of Minnesota, Crookston campus opened first as a two-year technical institution in the fall of 1966. Baccalaureate degree programs were initiated in 1993. Today the University of Minnesota, Crookston delivers more than 28 applied-science undergraduate degree programs in agriculture, business, early childhood education, communications, biology, health sciences, equine sciences and natural resources. Several degree programs are offered entirely online.

CROOKSTON IN THE REGION

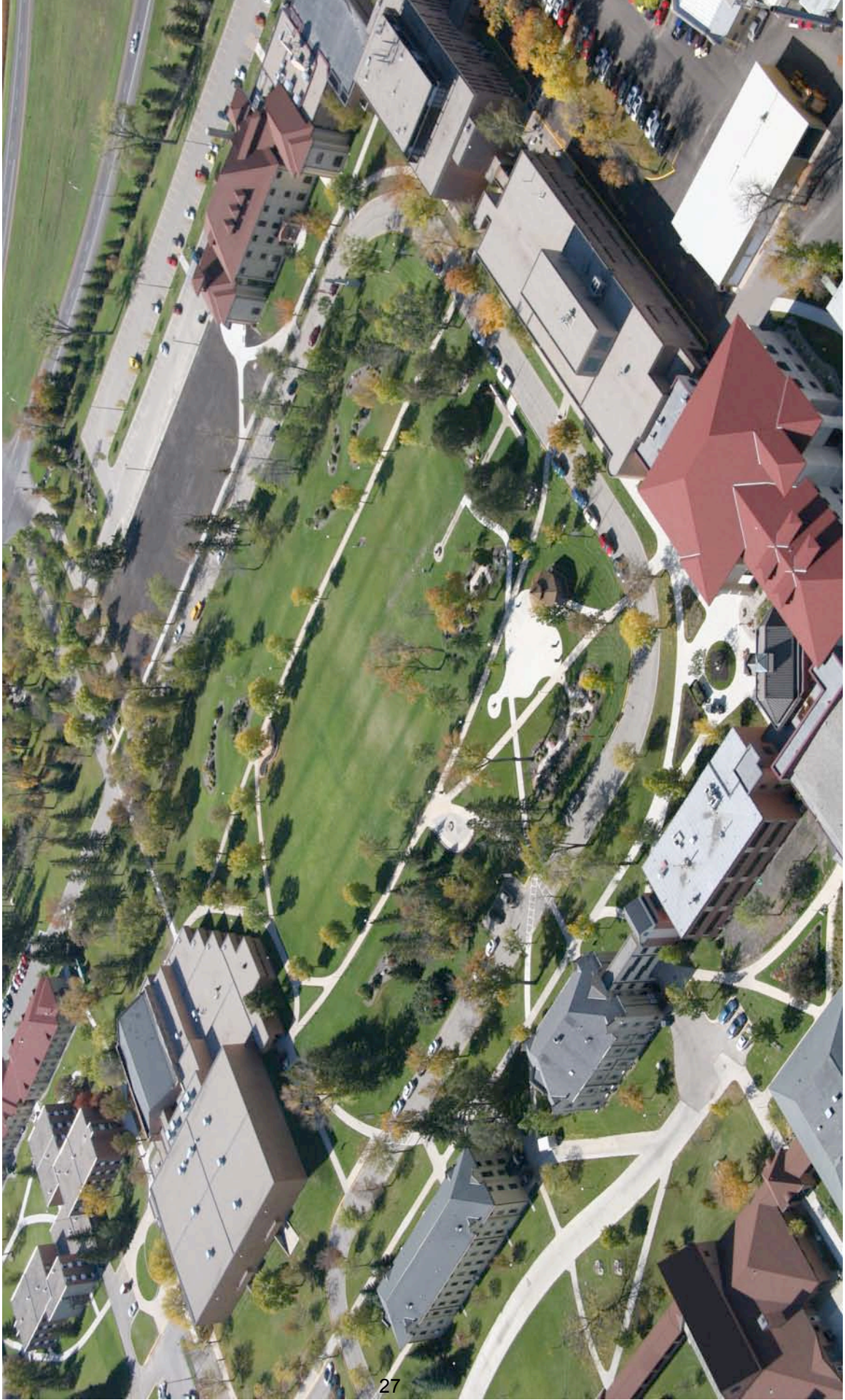
Situated on the northern edge of the city of Crookston (population 8,000) in northwestern Minnesota, the campus is approximately 25 miles from Grand Forks, N.D. and about 300 miles from the Twin Cities. The University of Minnesota, Crookston operates in a highly competitive regional environment, which has a stable population of about 40,000 students and four public four-year institutions located within 90 miles of Crookston.

Other important partnerships for the Crookston campus includes the University of Minnesota Northwest Research and Outreach

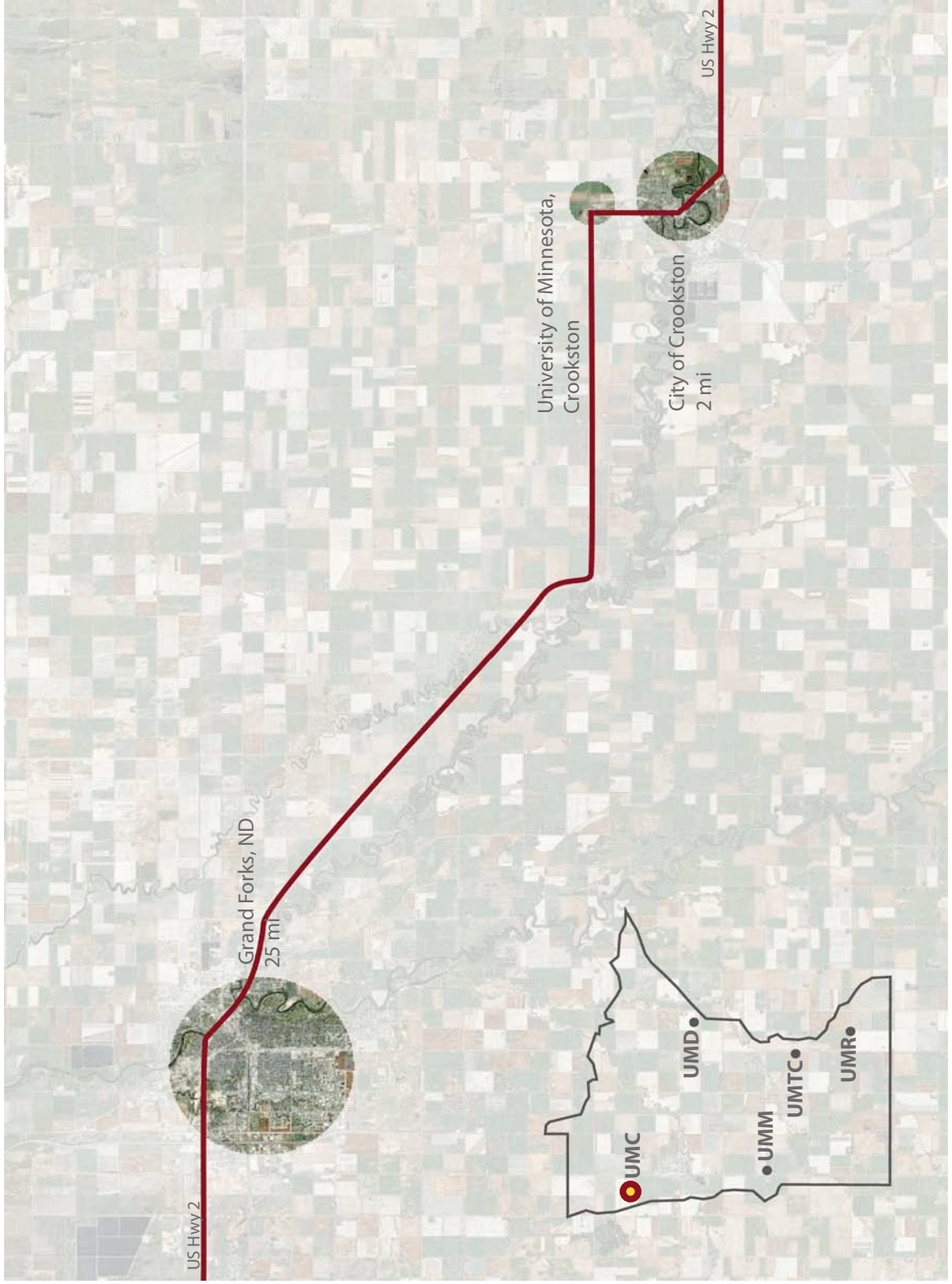
Center and University of Minnesota Extension as well as the Northwest Regional Sustainable Development Partnership. Applied research initiatives support the university's mission of serving the academic and research needs of the region, and collaboration with partner institutions located in the region such as the Agricultural Utilization Research Institute; USDA Red River Valley Agricultural Research Center and Valley Technical Park Business Incubator create needed synergies.



University of Minnesota, Crookston campus, 1933



INTRODUCTION



University of Minnesota, Crookston in the region



Crookston's close proximity to the University provides both entities with opportunities to share information, infrastructure and community resources.

INTRODUCTION

CAMPUS VISION

The University of Minnesota, Crookston is integral to the University's statewide land grant mission. The college provides its unique contribution through applied, career-oriented learning programs that combine theory, practice and experimentation in a technologically rich environment. The University of Minnesota, Crookston connects its teaching, research and outreach to serve the public good.¹

As a public, land-grant institution, the Crookston campus serves as a regional hub in northwestern Minnesota for:

- o undergraduate education leading to a University of Minnesota diploma
- o technology applications in higher education
- o innovation, entrepreneurship, and regional sustainability
- o leadership development
- o global and diverse cultural experiences²





ROLE OF THE MASTER PLAN

CHARGE FROM THE BOARD OF REGENTS

In 1993, the Board of Regents adopted the following four Campus Master Planning principles, to be applied to all campus master planning at University of Minnesota campuses:

- o Create and maintain a distinctive and inspiring vision for the physical development of each campus.
- o Enrich the experience of all who come to campus.
- o Maximize the value of existing physical assets while responding to emerging and changing physical needs.
- o Make use of an inclusive, accountable and timely process for creating and implementing the master plan vision.

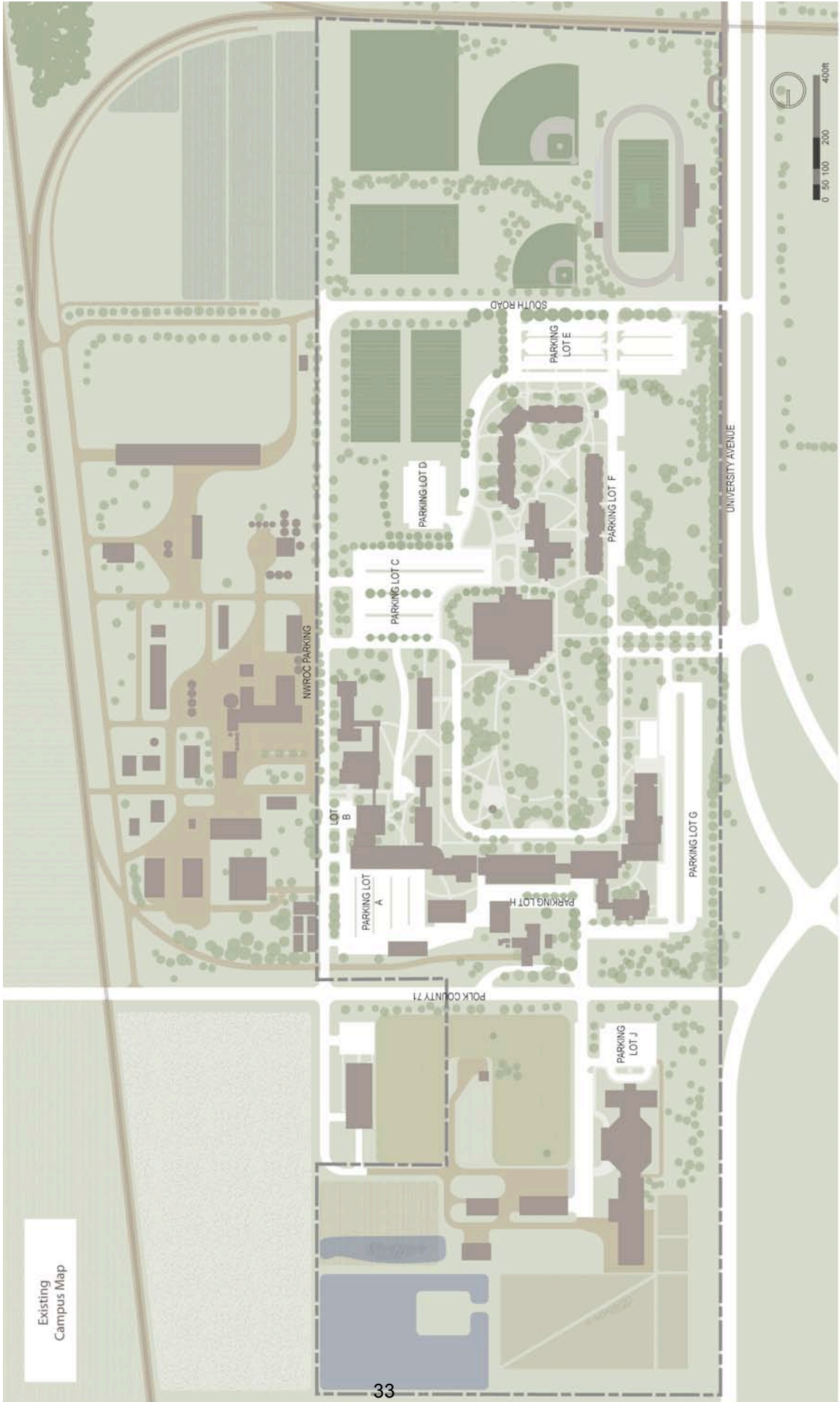
In September 1996, the Board of Regents adopted a resolution directing that campus master plans should be used to “guide the future development of the campuses in accordance with the four planning principles and the policies, procedures and strategies therein will be the basis for all future master planning decisions”:

In September of 2004, the Board of Regents approved a policy that directs the development of “sustainability objectives and targets in the area of (a) physical planning and development, including buildings and infrastructure; (b) operations; (c) transportation; (d) purchasing; and (e) waste management and abatement.”

The Crookston campus master plan establishes a framework to guide the evolution of the campus environment to support the academic mission. It also:

- a. **Informs the University Community and public of the University’s aspirations and development goals.**
- b. **Guides decisions of the Administration and Regents regarding capital investments, physical improvements and operational activities on campus, affecting buildings, landscapes and infrastructure.**
- c. **Acts as a tool for planners and designers to evaluate future development proposals to ensure that each capital project contributes to the achievement of the broader campus vision.**

CROOKSTON MASTER PLAN



MASTER PLAN: VISION AND PRINCIPLES

MASTER PLAN VISION

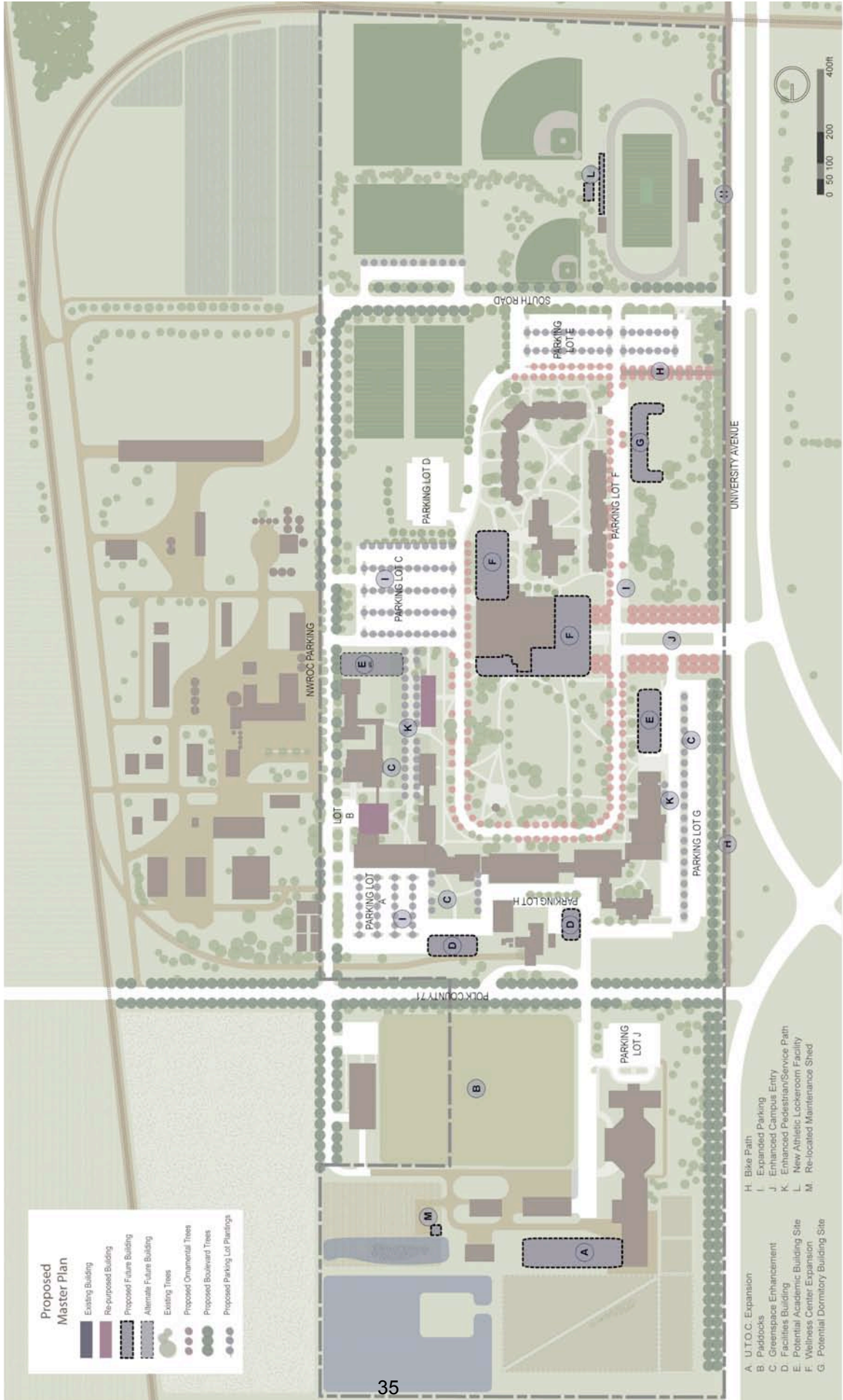
The University of Minnesota, Crookston campus is known as a long-established institution of higher learning, with a distinctive physical setting that serves northwestern Minnesota. Moving forward, the physical campus will be enhanced as a community that serves as a hub of educational, research and outreach activity in its region. Design, construction and operations activities will reinforce the campus' commitment to sustainability. Campus growth will be balanced between financial resources and goals for environmental and academic leadership.

COMPREHENSIVE PRINCIPLES

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There are **three principles** that tell the story of the future of the University of Minnesota, Crookston's buildings and lands. These principles reflect the values the campus community holds in high esteem and that find their expression in campus buildings and lands.

- **Changes to campus lands and practices will achieve sustainability in design, construction and operations activity.**
- **Investments in campus facilities will allow the campus to flourish as a complete community and a resource to the region.**
- **Campus growth will be balanced between financial resources and goals for academic and environmental leadership.**



MASTER PLAN: ASSUMPTIONS

STUDENT, FACULTY AND STAFF POPULATION

University of Minnesota, Crookston (UMC) undergraduate enrollment saw record increases within recent years. During fall 2009, the number of degree-seeking students attending the UMC campus jumped to 1,310 which is an 8.5% increase over fall 2008. The increase in enrollment has in turn filled the campus residence halls and apartment-style complexes (two of which are new within the last three years) to capacity. Not only has on-campus enrollment increased, but online enrollment also more than doubled from fall 2008 to fall 2009.

UMC delivers an applied, technology-driven education where students become leaders, innovate with technology, explore through research, gain global perspectives, and secure the careers they want. As one of five campuses comprising the University of Minnesota system, UMC delivers world-class University of Minnesota degrees in an affordable close-knit campus setting where faculty and staff personally invest in the success of each student. The campus offers twenty-eight bachelor's degree programs along with numerous minors online. Degree programs are administered through the following academic departments: Agriculture and Natural Resources; Liberal Arts and Education Business; and Math, Science, and Technology. University of Minnesota's Crookston degree programs are accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools.

Success in recruiting and retaining students has shown a steady

population of 2,100-2,300 students since 2005.

Since the completion of Centennial Hall in 2006 and a second residential building, Evergreen Hall, which opened in 2009, the resident population on campus has increased to just over 550. When the residential population is included in a count of other commuter students, faculty and staff, the daily population found on campus is approximately 2,000 people.



Looking forward, projections of degree students (both on-line and on-campus enrollment) show growth, reaching 1,500 fulltime students by 2012 and 1,700 by 2015.

Between 2008 and 2015, this increase in student population may support an increase in the faculty, adding another 12-fifteen

members. The number of faculty is anticipated to maintain a 1:16 ratio of faculty to students³. In 2009, faculty numbered approximately 50 and staff just over 200 people.

Most of Crookston's future growth will come in the form of online student enrollment. The physical repercussions of supporting an online learning community are predominantly related to technology infrastructure. Other important non-physical factors associated with enrollment of this nature are administrative support. For planning purposes, the 2009 master plan recommendations assume a continued on-campus presence of approximately 2,000 daily campus users.

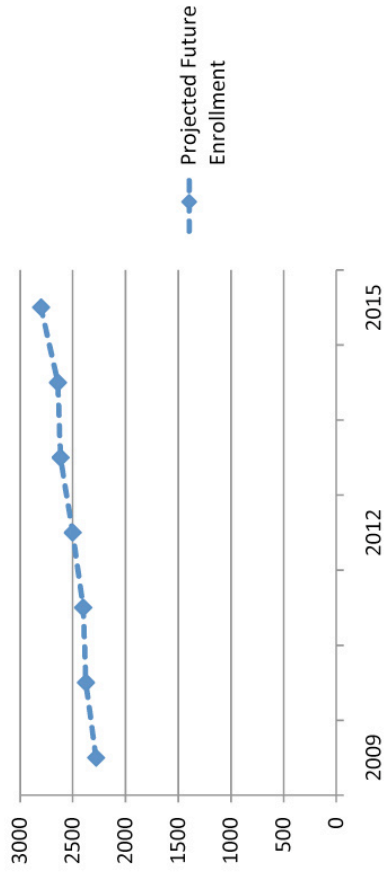
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UMC Enrollment, 2005-2009



University of Minnesota, Crookston student population has increased and consistently held to over 2100 since 2005.

UMC Projected Future Enrollment



University of Minnesota, Crookston student population is projected to increase steadily in the near future.

MASTER PLAN: ASSUMPTIONS

FINANCIAL CONSIDERATIONS

Given the economic constraints experienced regionally and nationally, and the direct effect these factors have had on the University of Minnesota's budgets, there will be increased pressure on Crookston as on every other University of Minnesota campus to create area/ regional partnerships that can generate grant-funded revenues and achieve higher utilization of some facilities.

The level of central budget support for the Crookston campus that was experienced in the last ten-year planning horizon, relative to other coordinate campuses, may not be sustained between 2010 and 2020.

PHYSICAL SETTING

Campus and residential life will continue to be supported with new construction when adequate financial resources are secured. Examples anticipated within the next ten years includes a Wellness Center addition (recreational fitness); expanded housing capacity of approximately 80-120 beds and the shared use of campus and other facilities to house University of Minnesota, Crookston programs that may serve recreational and outreach uses.⁴

One of the campus master plan's comprehensive themes is that of sustainability. Many sustainability goals reached through changes in operations and renovation of existing facilities can best be achieved through renovation and retrofitting. Given the age of existing buildings, facilities and landscapes, there will be a sustained need over the next ten years for ongoing investment

based on program need, physical condition of structures, historical integrity and a building's functional role within campus. Some near-term candidates for investment are campus building heating and cooling systems and Owen Hall.

The role of the campus as an outreach resource to the broader community of Crookston and Northwest Minnesota will be maintained. Specifically, the plan anticipates that links between educational programs and campus/community infrastructure⁵ will be strengthened. Other potential examples include an opportunity to support sustainable housing construction technology through a demonstration project housed on campus⁶, and sponsoring a digester⁷ as a collaborative project between University of Minnesota, Crookston programs, Northwest Research and Outreach Center and the regional community of agricultural producers.

As the online student population increases, it is possible that additional administrative support and facilities may be needed. More intensive use for existing facilities may be required as a cost effective way to meeting increased demands. This approach to facility reuse would also serve as a supportive element in the University of Minnesota, Crookston's sustainability strategy.

More research land and facilities are desired to sustain the campus' leadership in key fields (agriculture, natural resources, equine science). Partnerships with other institutions, such as the Northwest

Research and Outreach Center, the Northwest Regional Sustainable Development Partnership, or the University of Minnesota Extension ⁸ will be critical to achieving these goals, as limited financial resources constrain the ability to act independently.

The status of needed future investments in facilities infrastructure (steam heat, chilled water, sanitary and water) will be detailed as implementation occurs. As recently as 2006, upgrades to the coal-powered campus steam plant; and improvements to the steam distribution network as well as the extension of City-owned water main to the campus ensure continued reliability for the short term future. New development will require investment in steam, chilled water and electrical infrastructure.

Other building-focused changes expected on campus will focus on energy conservation measures within existing structures and adjustments to building efficiency.

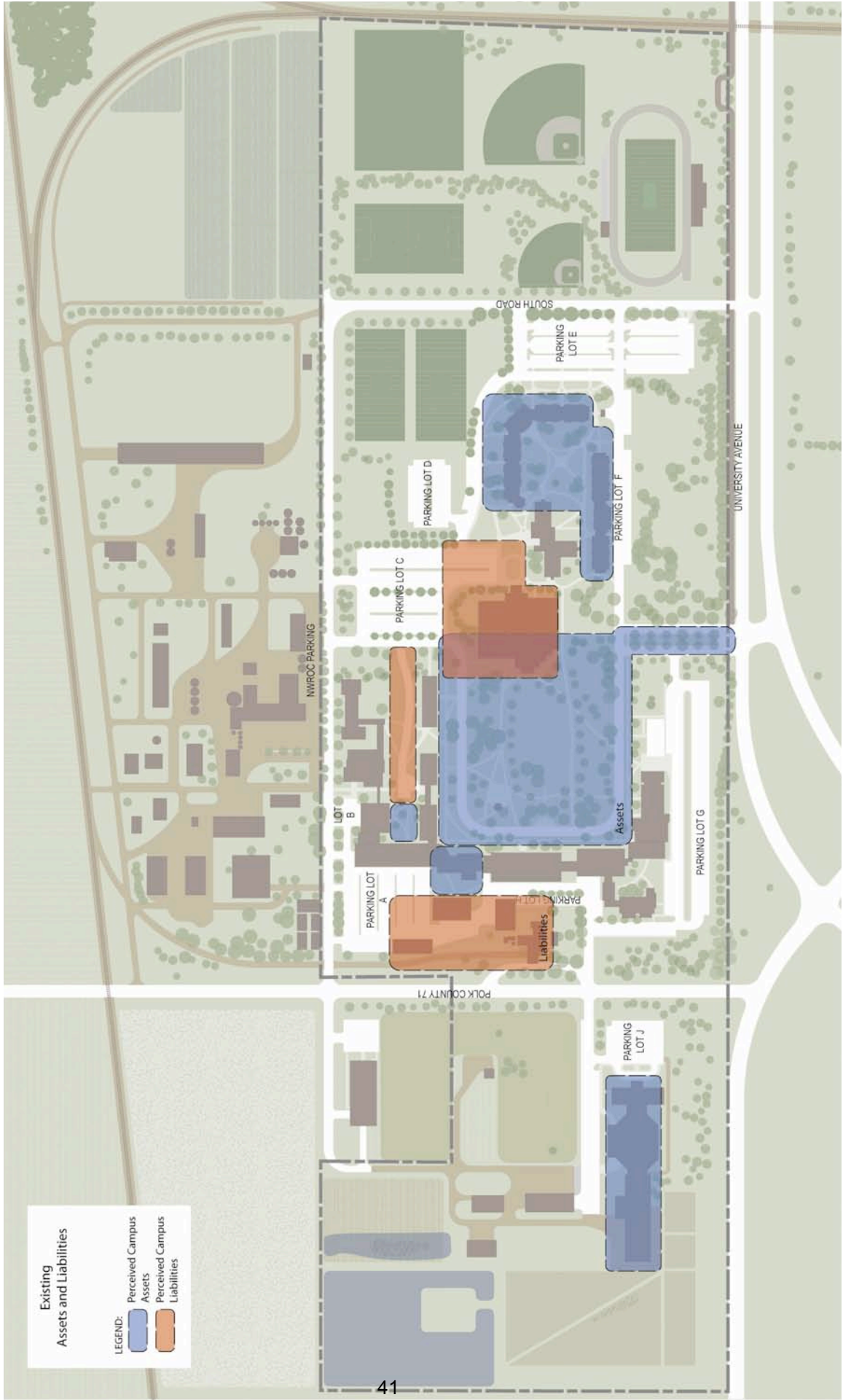
NORTHWEST MINNESOTA
REGIONAL
SUSTAINABLE DEVELOPMENT
PARTNERSHIP
UNIVERSITY OF MINNESOTA



MASTER PLAN: ASSUMPTIONS



Owen Hall (l) and the heating plant (r) are among several buildings in need of reinvestment to reach the campus' sustainability goals.



Assets are facilities, buildings or open spaces that reinforce the campus' identity and support its distinctiveness. The proposed master plan would address perceived liabilities and build upon successful projects.

MASTER PLAN: CROOKSTON 2020

This chapter of the master plan answers the question of “what is the physical and programmatic nature of the future campus?”. The planning horizon adopted for the 2000 master plan is ten years, and the trends and assumptions discussed in the last section are the foundation for the plan recommendations described in the following narratives and diagrams.

DISTRICTS

The campus is organized around a central green ‘Mall’, the original open space on campus dating from the turn of the last century.

This central open space is the terminus of the ceremonial entrance from US Highway 2.

Campus users cross the space daily as they move between athletics/ residential areas and the academic/ social center. The primary concentration of academic buildings, housing classrooms office and research labs is found on the north side of the Mall. The Student Center, constructed in 2005, creates a prime campus social and study destination next to the dining facility on the north end of the campus Mall.

On the south side of the mall, students live in the primary residential neighborhoods, including the newer buildings of Centennial and Evergreen Hall. Lysaker Gym serves recreational and intercollegiate athletics, and is located between the residences and the green space. Athletics fields and facilities occupy the east and southern edges of the University of Minnesota, Crookston campus.

Parking is located at multiple locations throughout campus, in medium size surface parking areas.

Guideline 1

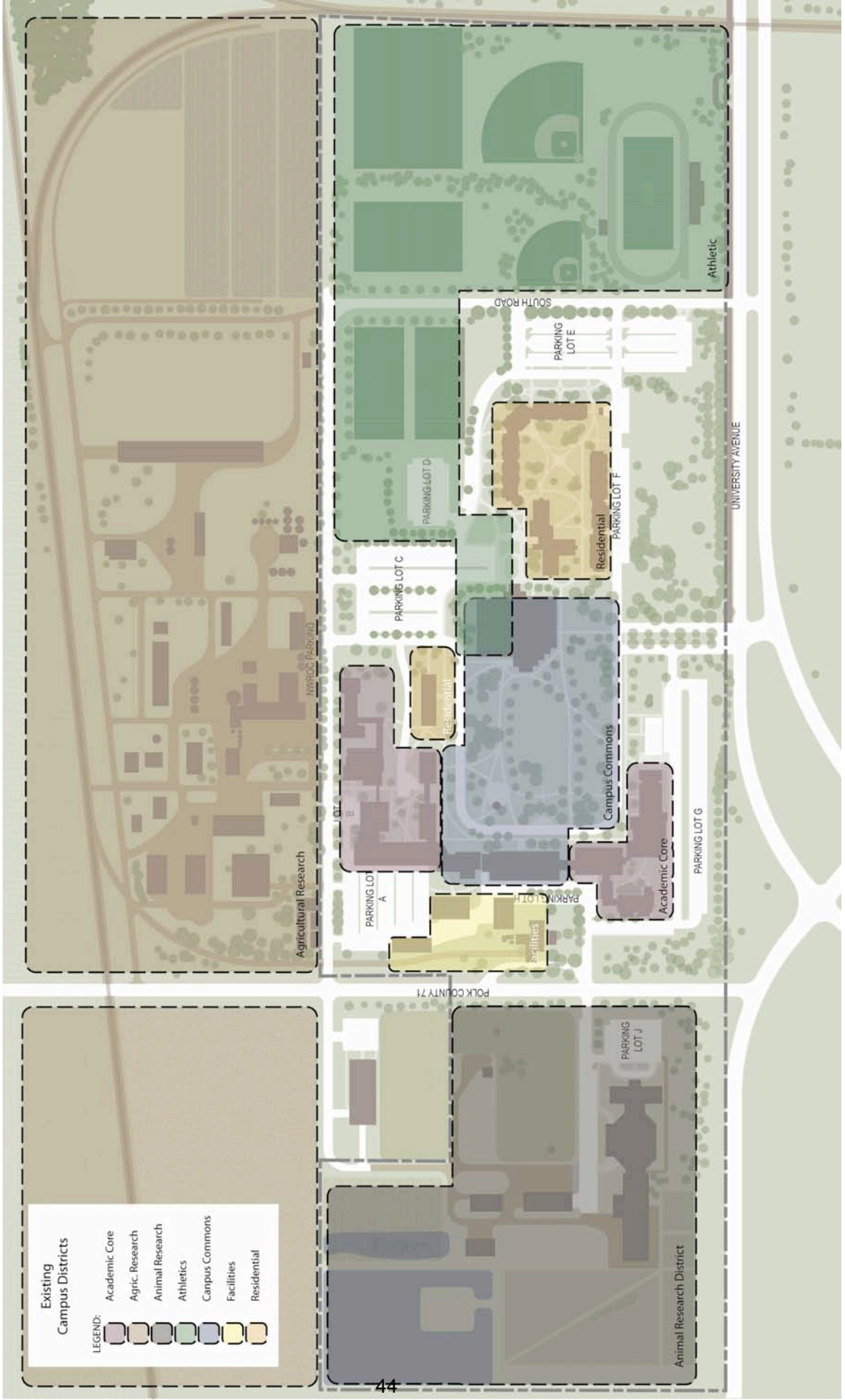
Support an active residential campus with identified social spaces that serve as a hub of activity for students, staff and faculty.

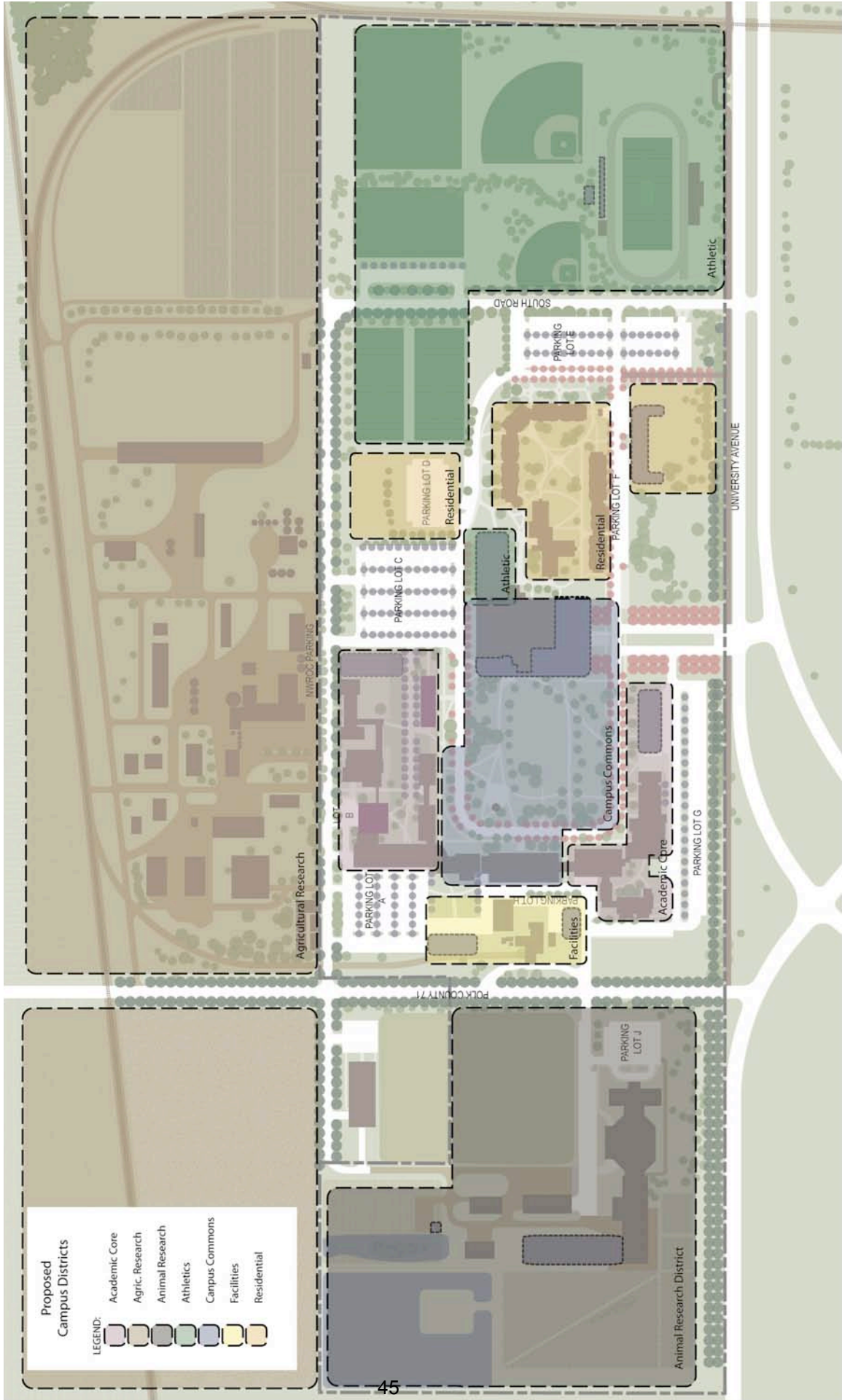
Guideline 2

Reduce physical barriers between the academic and agricultural realms of campus.



MASTER PLAN: CROOKSTON 2020





Expansion of the Academic Core District and new residential halls accentuate the 'Mall' & the central Campus Commons.

WAYFINDING

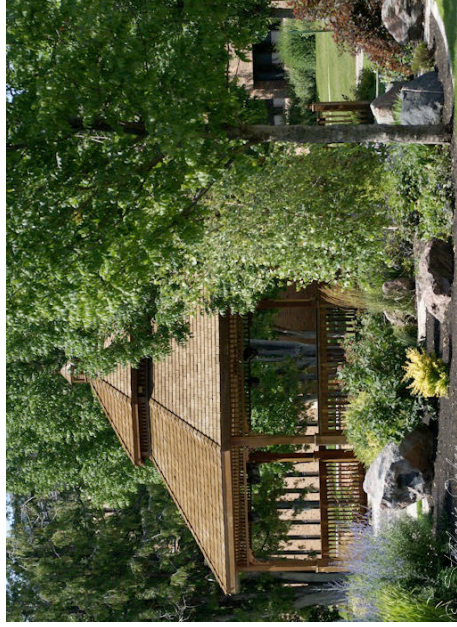
Most traffic to and from the campus uses US Highway 2 as their approach route. The three entrances from US Highway 2 offer vastly different experiences. 'Gateways' are identified based on volume of traffic and the typical knowledge or experience of people using an entrance. For example, the ceremonial and historic entrance to campus is used primarily by visitors, but residents or staff/ faculty typically enter from the south or north due to proximity to parking and their ultimate destination on campus. As such, landscape treatment of the highly visible triangular parcel located at the intersection of Highway 2, County Road 71, and Highway 75 could create an enhanced campus gateway with signage.

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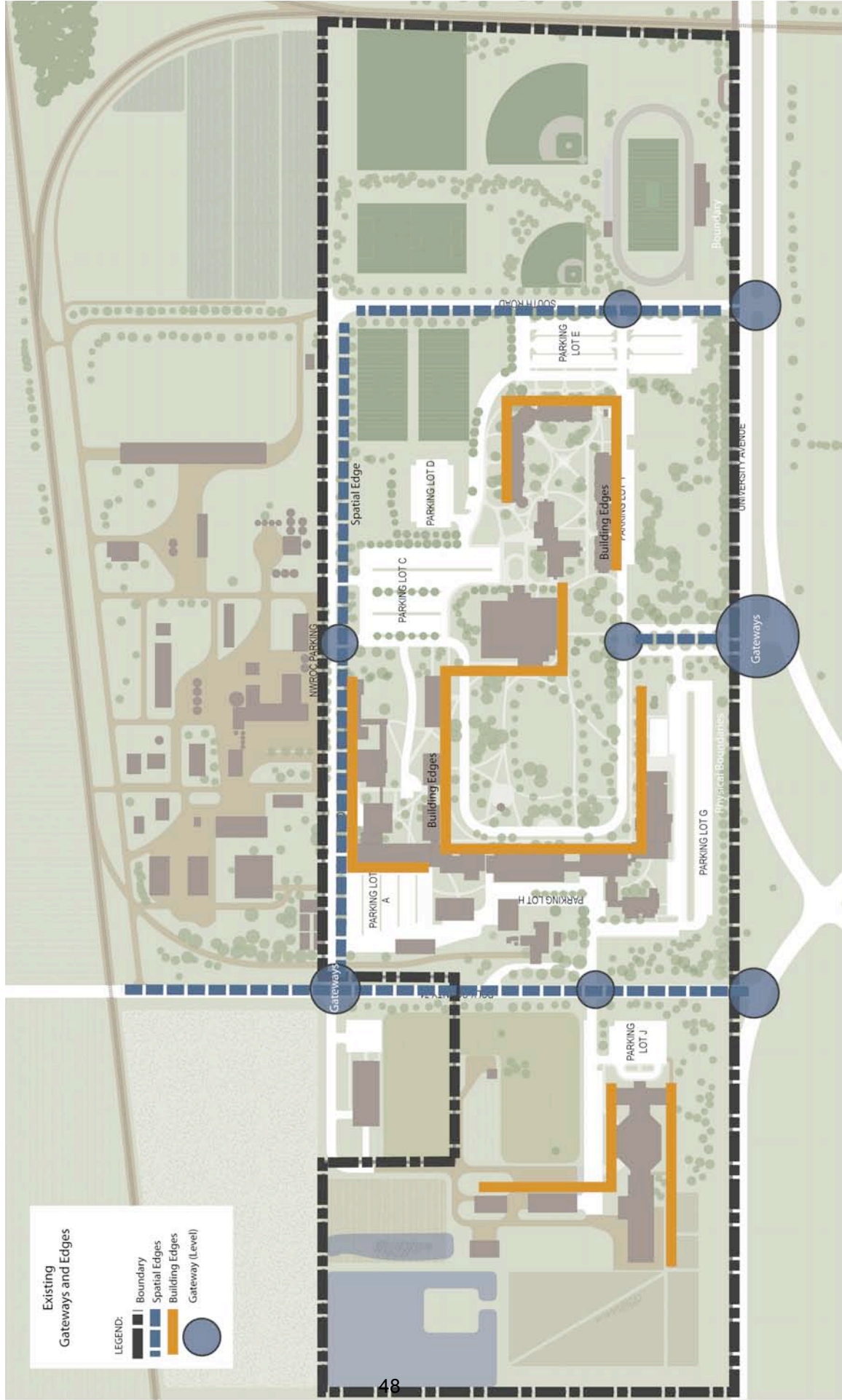
Wayfinding networks are important for signage systems that are consistent and responsive to directional and informational needs of users. Travel directions (one-way versus two-way) are a critical example of these needs, specifically for the occasional visitor to campus.

Guideline 3

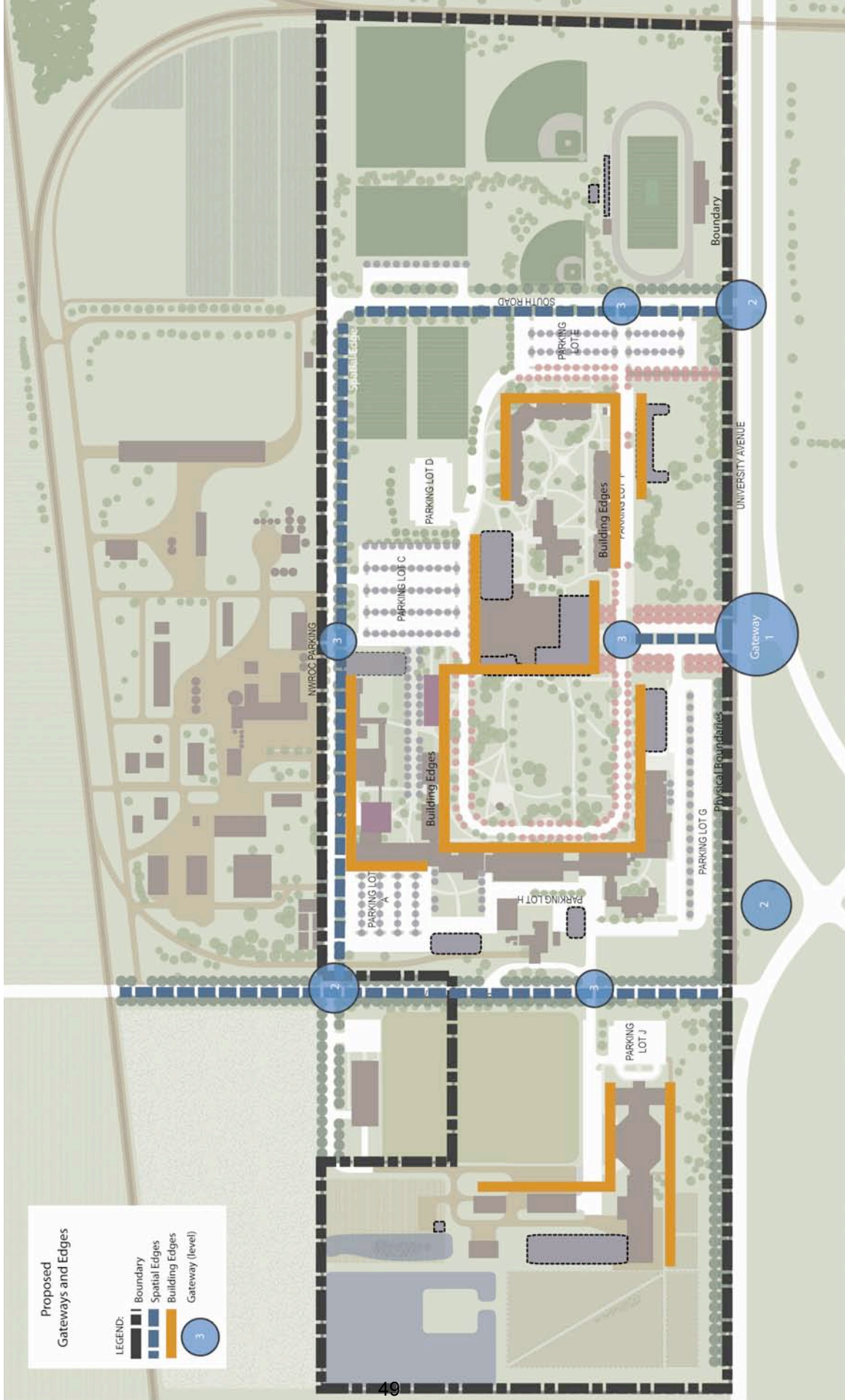
Use coordinated signage, landscape and campus open spaces to create a positive, memorable experience for campus visitors.



MASTER PLAN: CROOKSTON 2020



Campus spaces are defined by bounding edges such as highways and railroad tracks, as well as visual boundaries like buildings. Together these edges create a hierarchy of gateways to campus for students, staff and visitors.



Building expansions and the addition of new buildings help to better define campus spaces.

MASTER PLAN: CROOKSTON 2020

BUILDINGS

The majority of buildings on Crookston's campus were built within the last 60 years. A handful of existing buildings date to 1910-1920, when the campus was created. Continued reinvestment and renovation of buildings is expected. A limited number of new buildings are anticipated within the timeframe of this plan.

Some existing facilities may be renovated and repurposed, contingent on program definition and available resources. Owen Hall is a candidate for renovation. Demolition of the Kiser building and spatial reorganization of some Facilities Management facilities should be considered within the horizon of the plan. The possible future of McCall could include a conversion to academic or office use, if and when new residences are constructed on campus.

New construction on campus must be addressed according to economic, physical and program needs, and informed by the campus Master Plan. Some of the more immediate needs have been identified as

- A new Wellness Center facility, which would expand the University of Minnesota, Crookston Sports Center in its current location.
- Completion or build out of residential neighborhoods, adjacent to existing buildings (Centennial Hall and Evergreen Hall)
- Two new sites for academic building expansion have been identified, within the existing academic districts, on the east

and west edges of the campus.

- The Equine Center expansion is planned for a site east of the UTOC building, in the location of current day paddocks.

Interim uses are mapped in the Master Plan for supportive functions such as surface parking; outdoor storage such as machine sheds and pasture land or paddocks. These uses are important to the campus' day to day activities but may shift locations over the horizon of the plan, depending on the evolution of other program needs.

A final category shows land banked areas, which should be considered for long term development sites and reserved for building sites as new program needs are defined beyond the ten-year horizon of this plan.

- Guideline 4 Plan, design, construct and operate university facilities to restore the natural environment and create a healthy indoor environment for the university community.
- Guideline 5 Locate new facilities/programs that advance Crookston's identity and outreach mission in high visibility, easily accessible locations.
- Guideline 6 Maximize existing physical assets and correct existing physical liabilities when making improvements on campus.
- Guideline 7 Renovate or build new facilities to creatively and cost effectively accommodate program needs.
- Guideline 8 Demonstrate collaboration and shared use among campus units and entities when making new investments in physical campus.
- Guideline 9 Promote barrier free environments that support independence for all campus users, specifically people with disabilities.

MASTER PLAN: CROOKSTON 2020

UTILITIES, ENERGY MANAGEMENT

Public utilities (water and sewer) are supplied to the campus by the City of Crookston. Currently, the campus relies on steam, chilled water and electricity to support building heating, cooling and power supply.

An assessment of these systems indicates that 2009 demands are adequately met by existing distribution networks systems and sources of power. However, additional development will require improved and expanded distribution systems and additions to capacity, given that steam and electrical systems have very little remaining capacity when working at peak loads.

As new campus building projects move forward, careful attention should be devoted to modeling, demand projections and code compliance requirements.

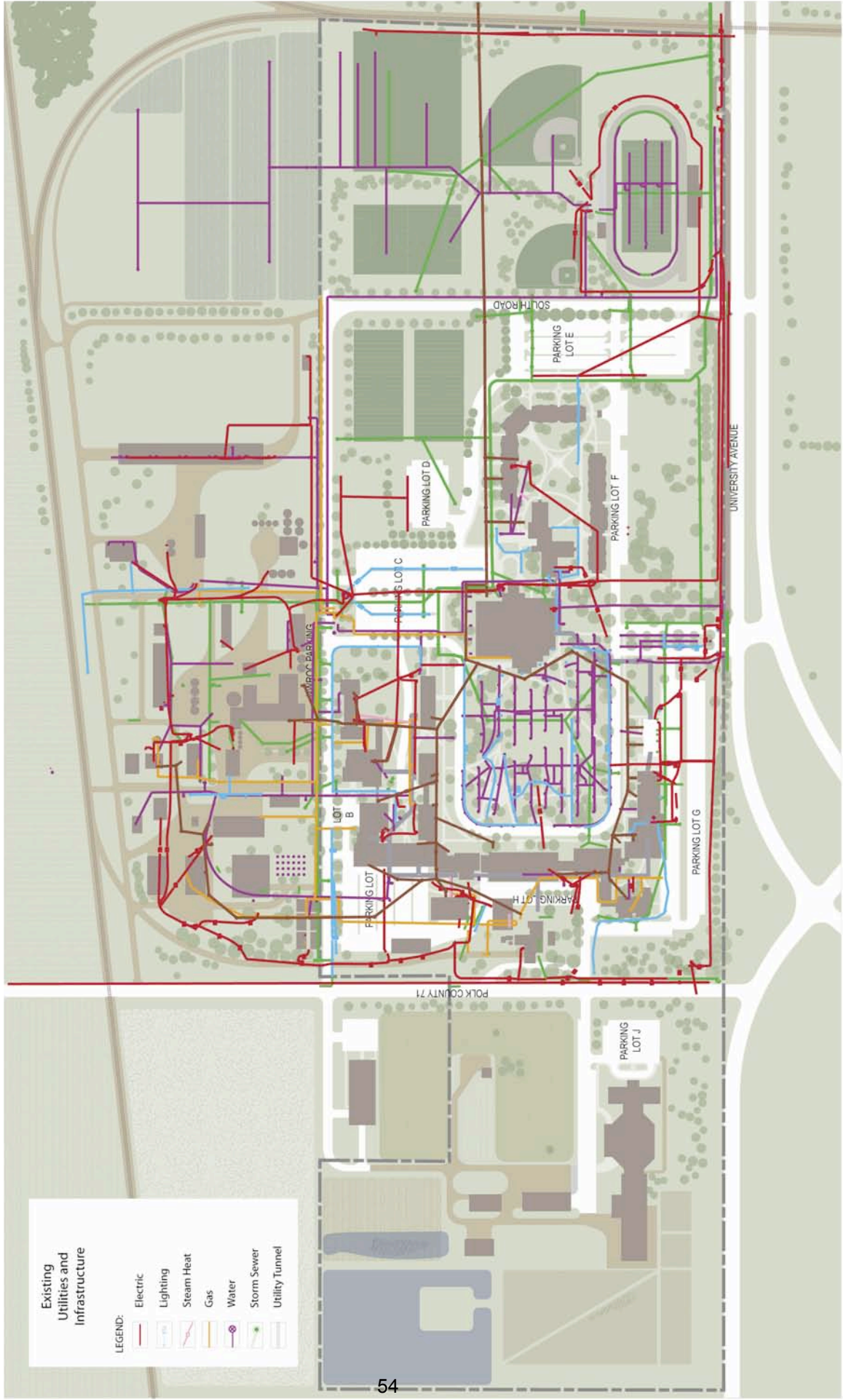
Summary Of Potential Development UMC 2010-2020

Type Of Space	Approximate Sq Ft	Planning Year Of Operation
New Residential	60,000	2015
New Academic	80,000	2015 - 2018
New Wellness	80,000	2015
Renovated Administration	15,000	2020
	235,000	

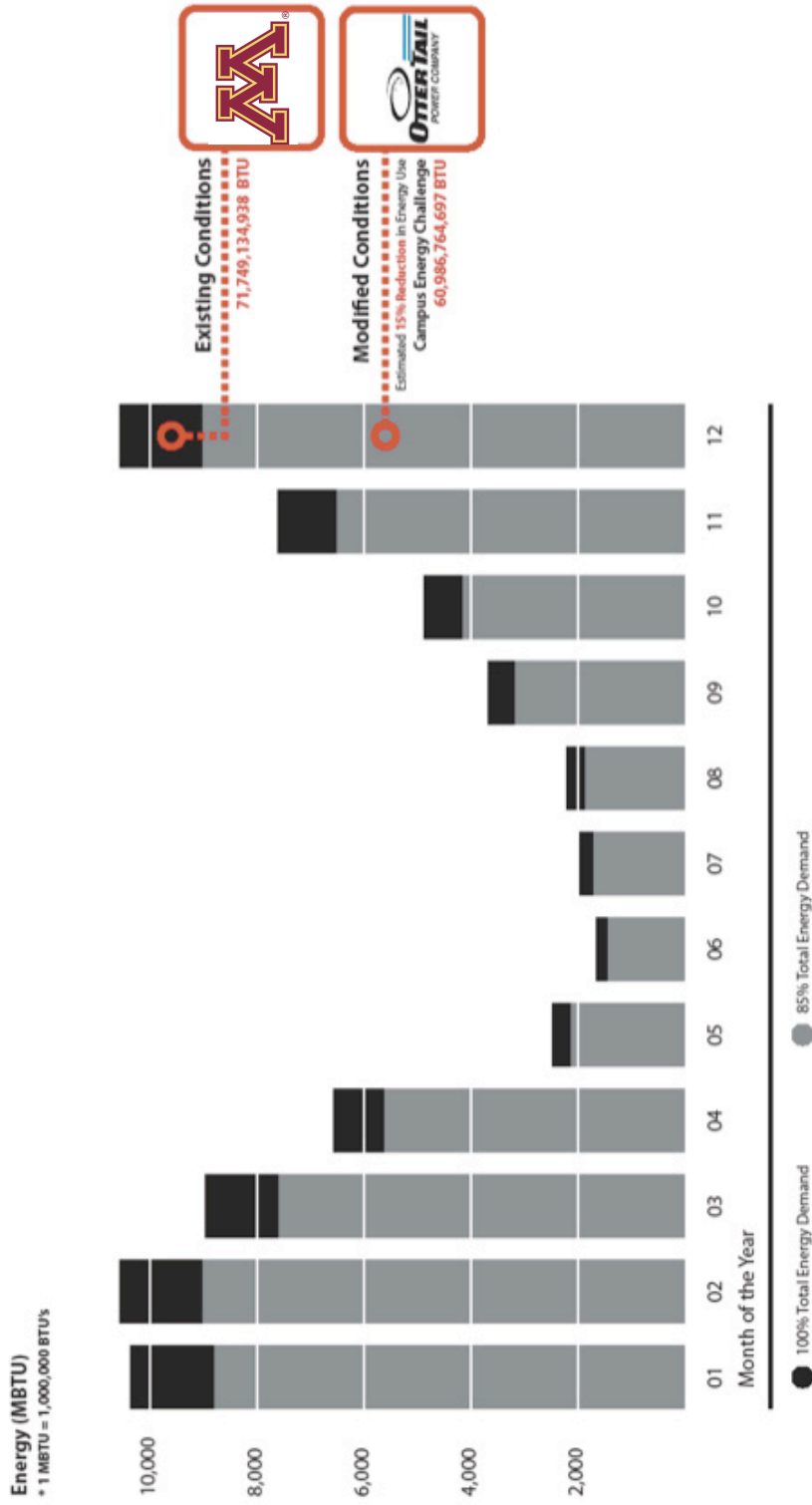
This table summarizes potential future development at University of Minnesota, Crookston by program, total area, and earliest potential year of operation. This data was prepared by University of Minnesota Facilities Management and Capital Planning staff to establish parameters on utility demands for campus development.

- Guideline 10 Pursue climate neutrality and efficient energy operations on the Crookston campus.
- Guideline 11 Give priority to building retrofits to achieve energy conservation goals.
- Guideline 12 Adopt energy-related financial policies which enable the University to be socially, environmentally and fiscally informed.
- Guideline 13 Engage and mobilize the Crookston university community in energy conservation.
- Guideline 14 Require future building, technology and infrastructure facility investments to achieve targeted sustainability criteria.

MASTER PLAN: CROOKSTON 2020



Existing heating plant and infrastructure networks



DECEMBER 1, 2009 CENTER FOR SUSTAINABLE BUILDING RESEARCH + CROOKSTON CLIMATE NEUTRALITY TEAM ⁹

In 2009, "Otter Tail Power Company selected the University of Minnesota, Crookston as its first collaborator in the Campus Energy Challenge, which offers rebates and low-interest financing for energy-efficient technologies; encourages students, faculty, and staff to redirect behaviors to enhance energy conservation efforts; and provides in-depth energy education"¹⁰. As campus projects move forward, alternatives in energy will look more towards solar, wind, and geo-thermal sources.

MASTER PLAN: CROOKSTON 2020

OPEN SPACE

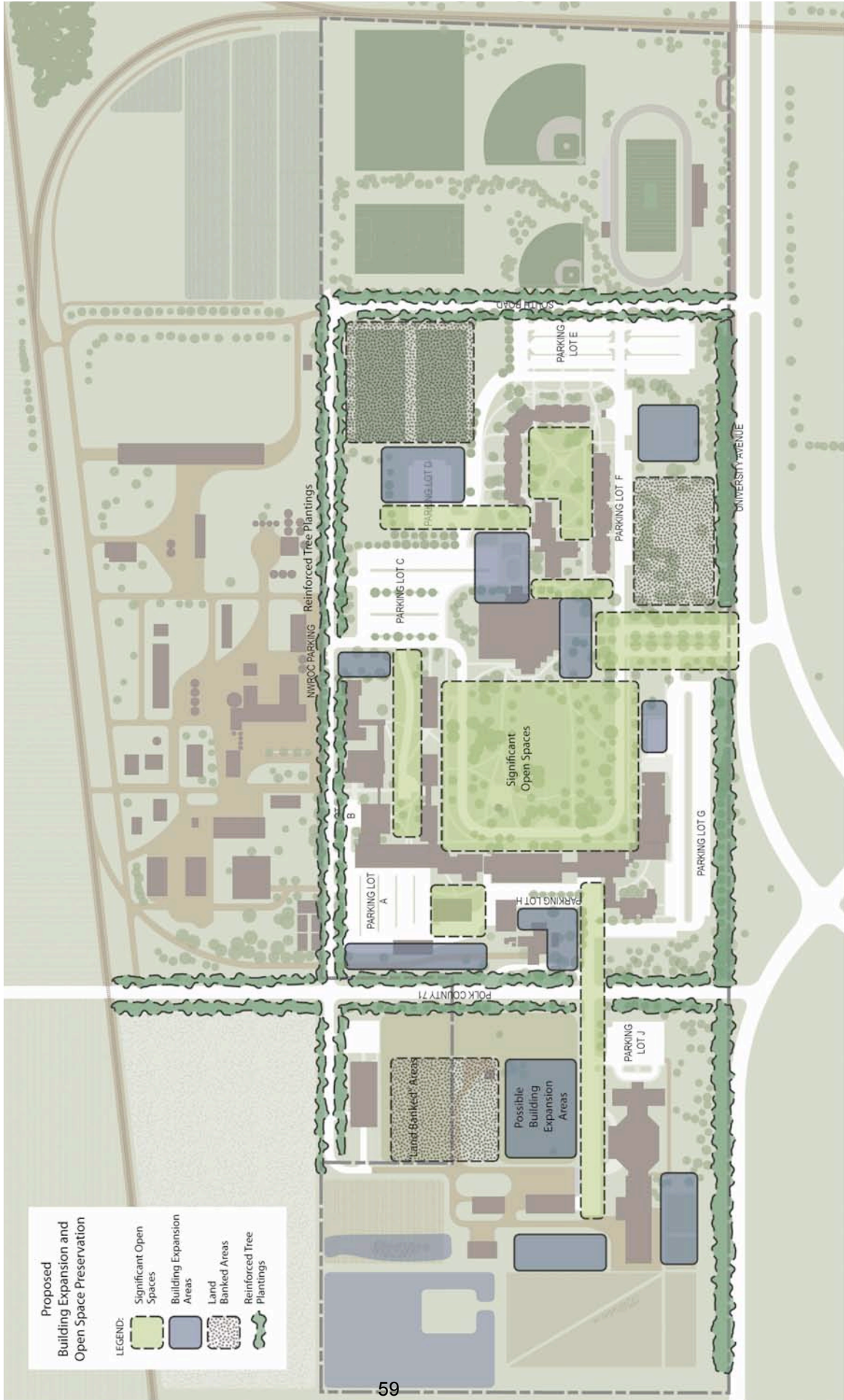
Significant open spaces have traditionally defined the University of Minnesota, Crookston's image and identity, starting with Morell and Nichols' first campus plan for Crookston in 1911. The Mall is a historic feature, as is the drainage system and shelterbelt plantings originally established with the campus. Newer open space features such as the Nature Nook, the Shaver Butterfly Garden and Youngquist Prairie Garden are considered distinctive places by the campus community.

Depending on their attributes and location, these same open spaces serve as gathering places, connective open space and pedestrian ways. Research lands are an important part of the University of Minnesota, Crookston campus due to the leadership of programs such as agricultural and natural resources. Recreational open space also contributes to defining the character of the southern edge of campus. Rain gardens are a form of drainage swale that performs an environmental function while demonstrating best practices in landscape design and surface water management.

The 2010 Master Plan defines key open spaces for preservation. These open spaces are the campus' outdoor rooms, and future development projects must respect the scale and connectedness of these spaces to form a complement to the campus as an environment defined equally by its open space and built space.

- Guideline 15 Create a distinctive, well-utilized system of open spaces that supports campus life.
- Guideline 16 Preserve the iconic open spaces that define the early Crookston campus.
- Guideline 17 Preserve integrity of research lands to support academic needs.





MASTER PLAN: CROOKSTON 2020

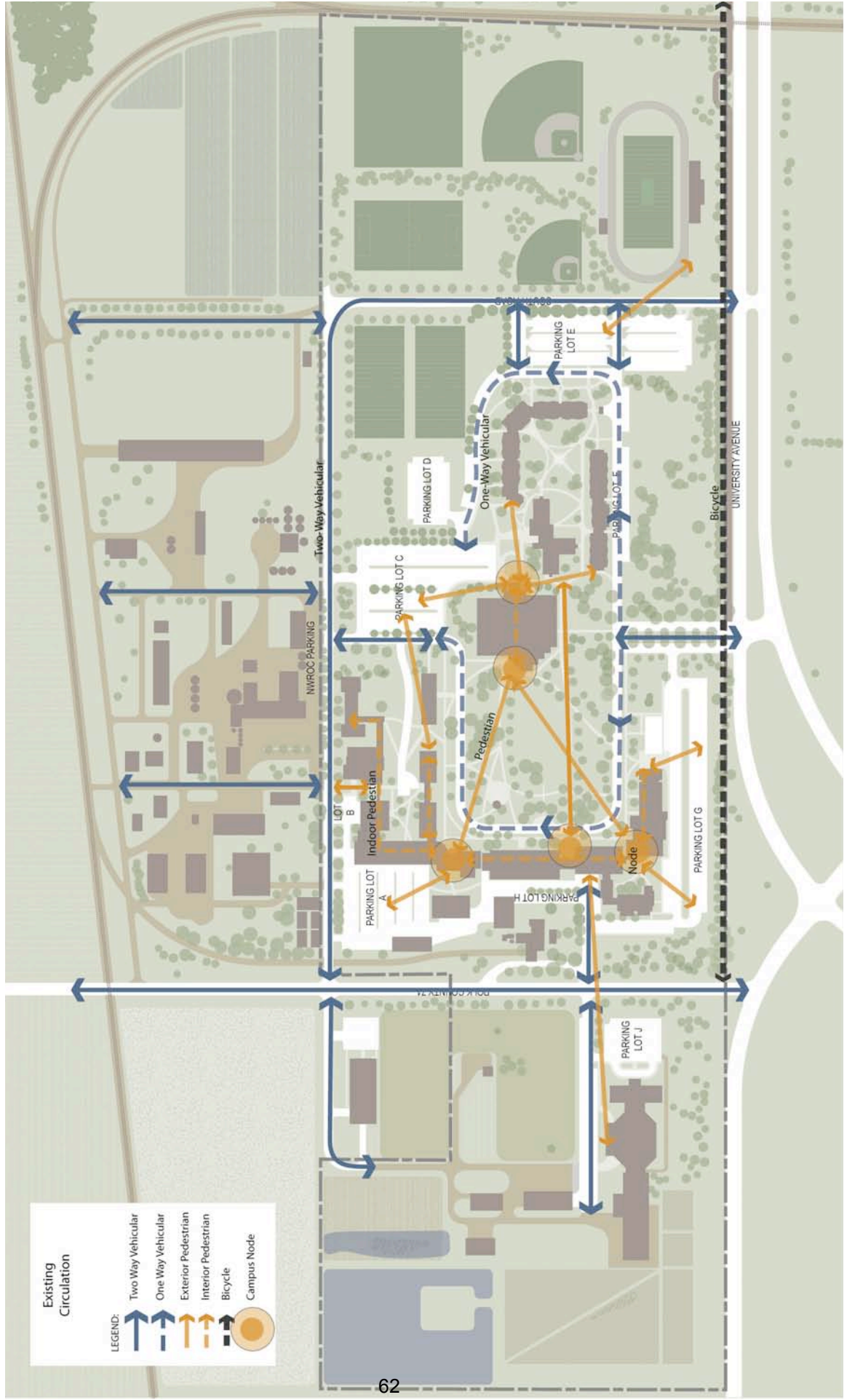
CAMPUS MOVEMENT AND CONNECTIONS

After arriving on campus, most of the 2,000 people who are on site daily move around on foot. Adequate and appropriately located parking is considered critical to the vitality and attractiveness of the university location. Current strategy has located a number of surface parking lots across the campus. An exercise that measured distances between parking lots and public/accessible entries shows that while most parking lots are convenient to users, short distances from primary entries, weather protected and indoor connections should be enhanced in key locations.

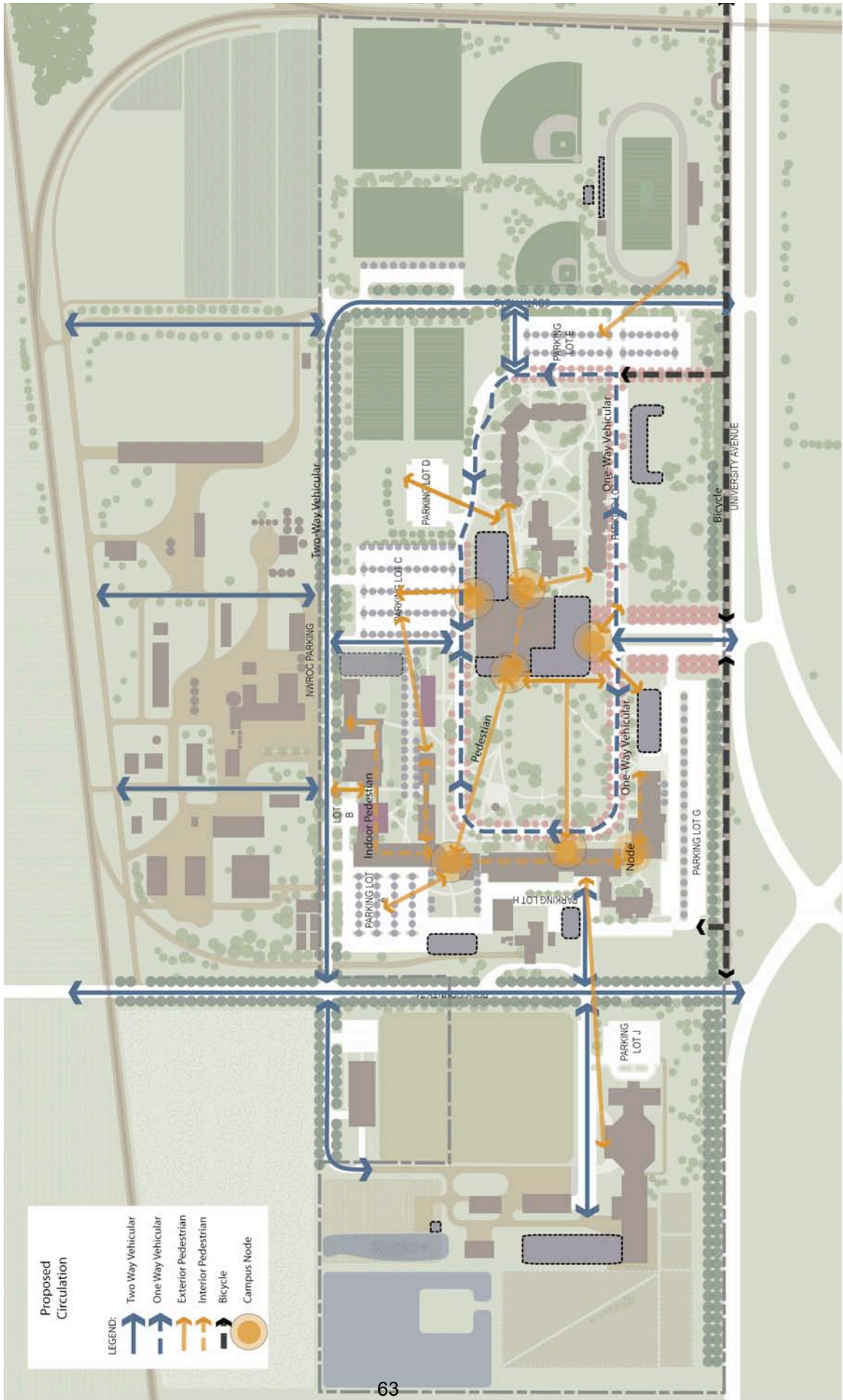
Expansion is possible at some of the most heavily used lots (Lot C, east of Lysaker Gym and Lot E, south of Evergreen Hall). However, careful attention must be paid to future decisions about increasing on-campus parking supply in order to balance the attractiveness of the inner loop of the campus as a primarily pedestrian and cyclist area.

- Guideline 18 Promote transit service on campus roads so that the campus is served by a variety of providers such as local shuttle, as well as mid-distance commuter transit.
- Guideline 19 Connect campus destinations so that walking and biking is more convenient than driving a private automobile.
- Guideline 20 Improve campus entries, circulation systems, and 'wayfinding' to campus destinations.
- Guideline 21 Promote improved physical connections with community destinations.
- Guideline 22 Maintain strategic locations for vehicle parking to serve multiple destinations.
- Guideline 23 Provide strategically located small parking areas to serve short-term and visitor-oriented functions such as admissions, welcome center and others.
- Guideline 24 Encourage use of more sustainable transportation alternatives.

MASTER PLAN: CROOKSTON 2020

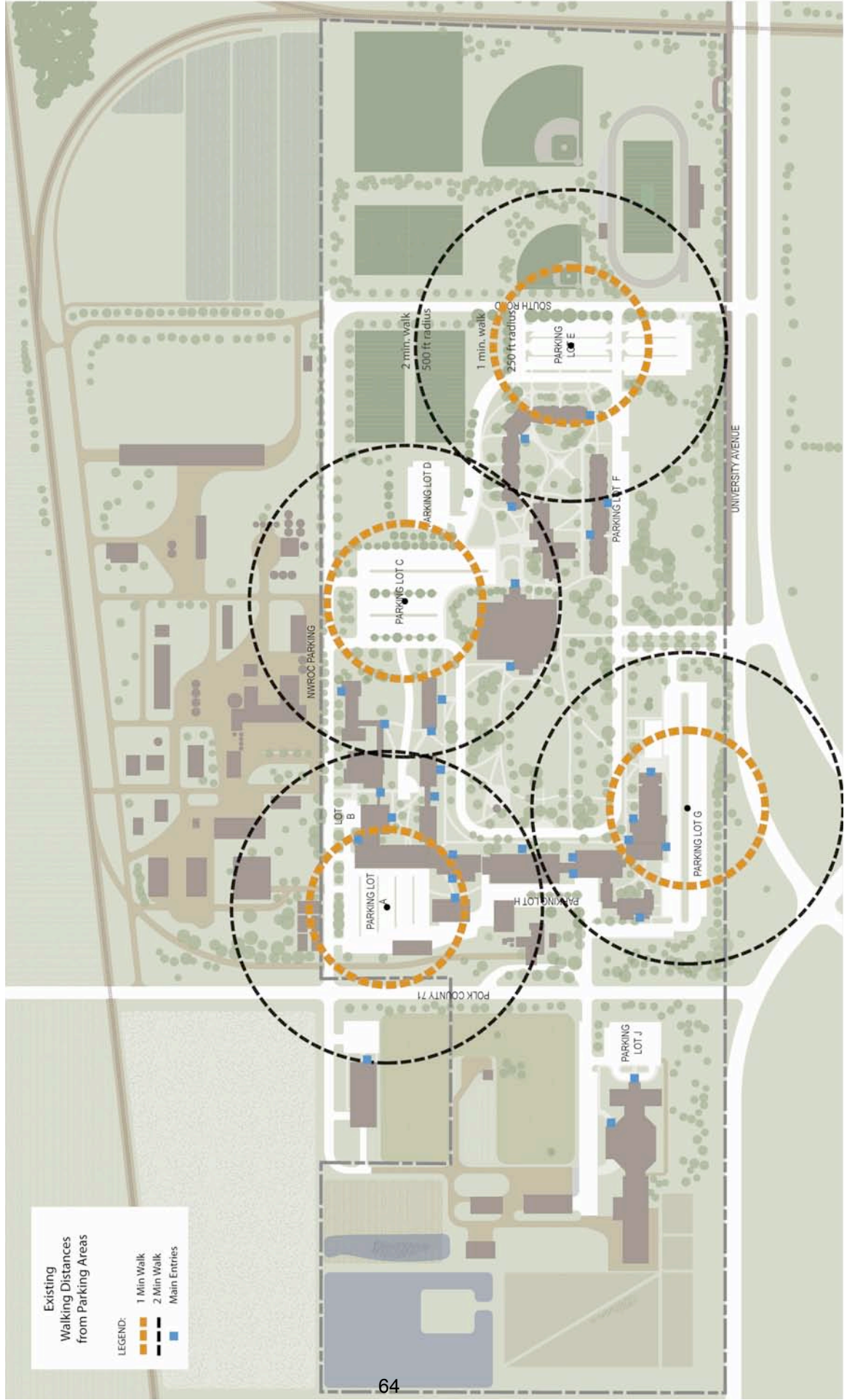


Future projects need to provide connectivity for all types of movement (bikes, foot and vehicular traffic), where it currently does not exist.

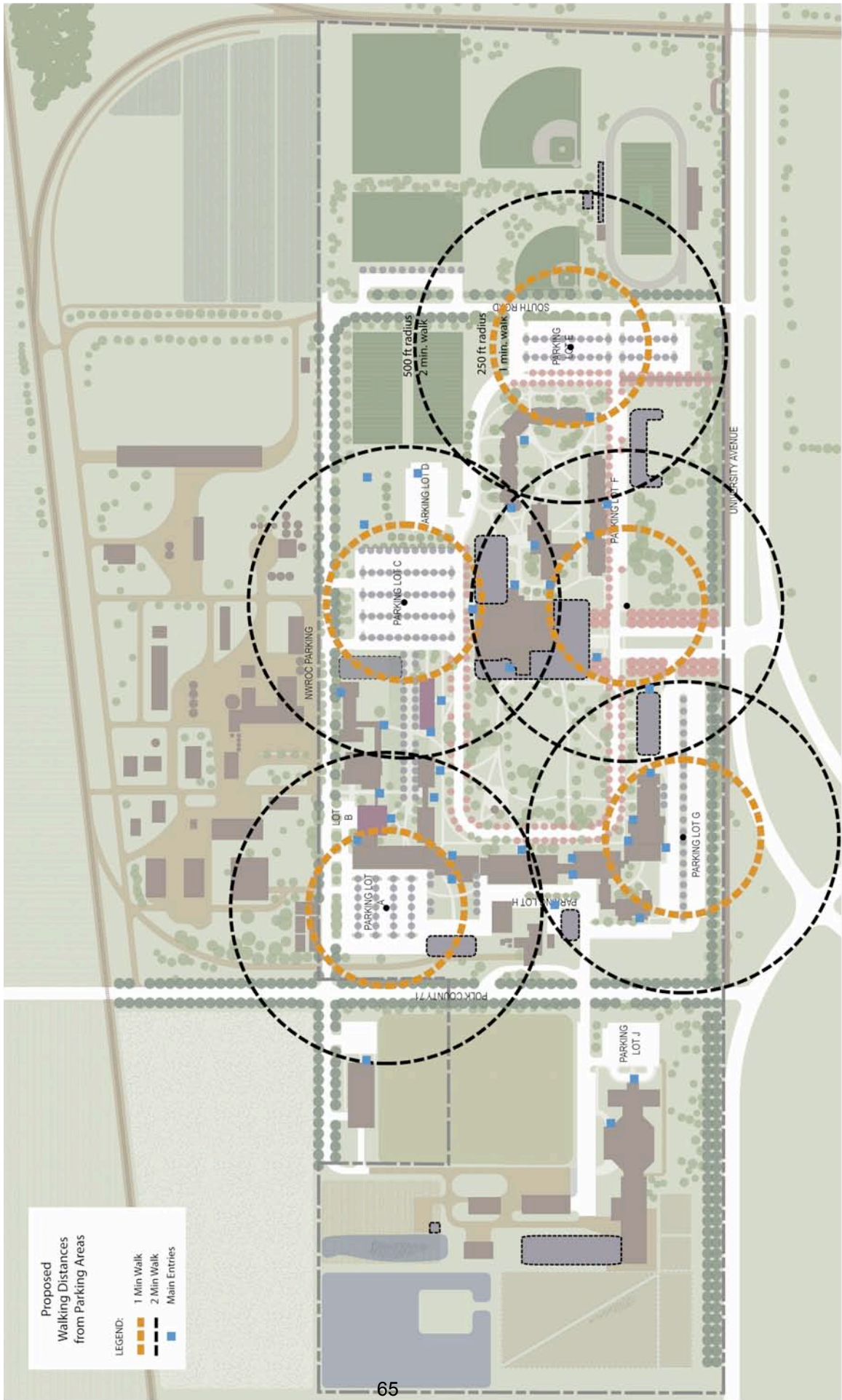


Expansion of Wellness Center and newly added buildings will provide easier accessibility to pedestrian paths, and a more efficient loop for vehicular traffic.

MASTER PLAN: CROOKSTON 2020



Walking times based upon the average person walking at an average pace.



New buildings and reconfigured parking lots increase connectivity of the campus.

MASTER PLAN: CROOKSTON 2020

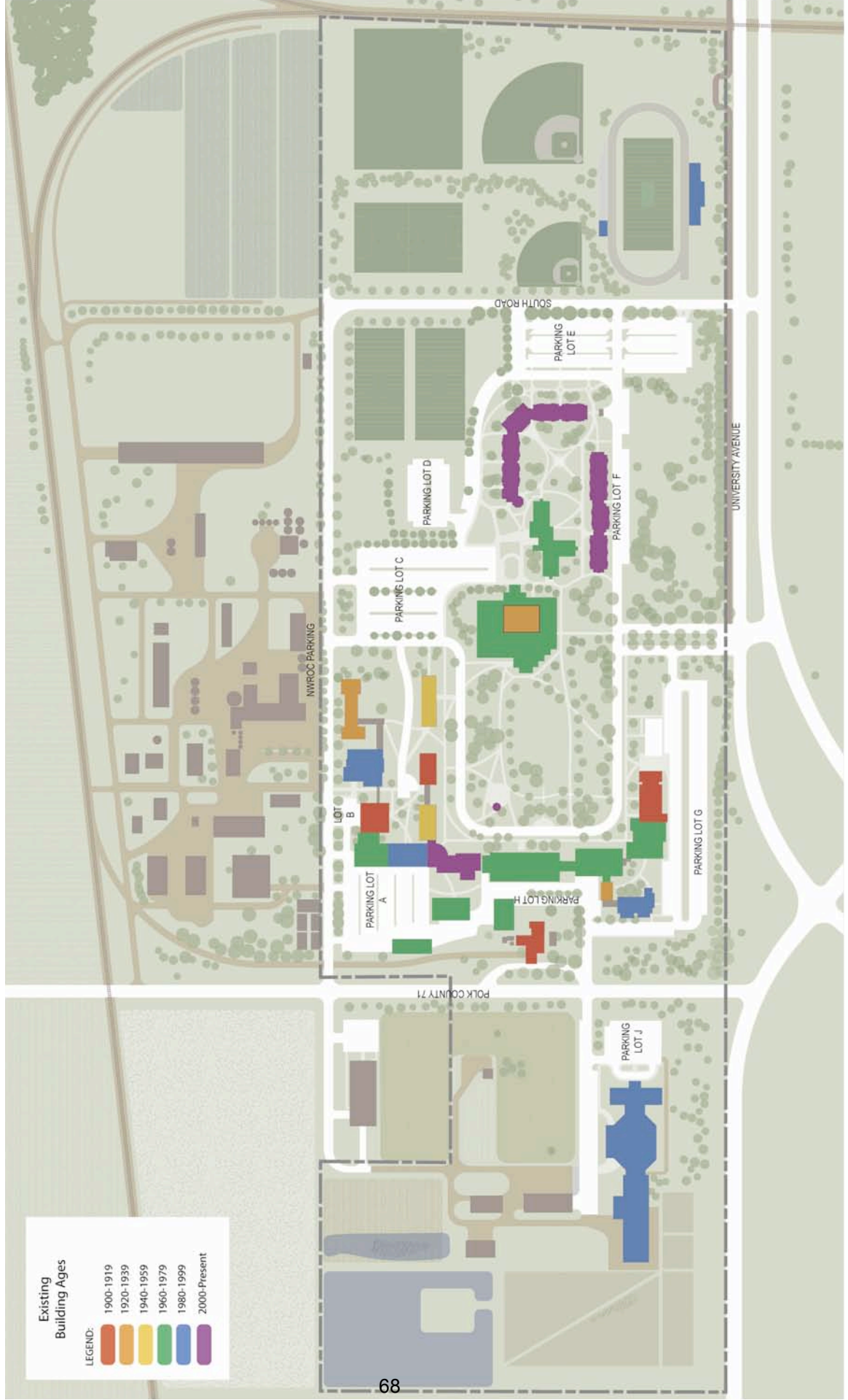
ARCHITECTURE AND IMAGE

The architectural identity of the campus was established with the state's expanding network of Experiment Stations, established at the turn of the 20th century. Both the landscape, the system of drainage to support the development of campus lands and a number of extant buildings are potentially eligible for historic designation. Between 1905 and 1913, six buildings were established on the Crookston campus, all designed by Clarence Johnson. The three story buildings with gabled rooflines established a new presence on the land in terms of building height and massing, and the use of the distinctive soft, yellow Chaska brick and red roof tiles further defined the campus' image.

- Guideline 25 Define a technological and sustainable identity for the campus that can be implemented with changes to buildings, landscapes and operations.
- Guideline 26 Ensure that new construction, renovation and landscape development contribute to the visual wholeness of campus.
- Guideline 27 Consider support for temporary demonstrations or installations if proposed initiatives advance that campus' image and do not preclude future development of the site.
- Guideline 28 Support use of 'branded' materials in defining campus landscape and buildings.
- Guideline 29 Design new buildings to reflect the height and scale of existing structures found on campus.



MASTER PLAN: CROOKSTON 2020



Existing building ages



69



MASTER PLAN: CROOKSTON 2020

COMMUNITY CONNECTIONS

The University of Minnesota, Crookston roots originated from the idea that a 'closer to home' alternative to higher education and technological development was needed for northwest Minnesota. Recent additions to campus, such as the Student Center, continue to serve the community as a destination for conferences, special events and celebrations. Research lands and livestock barns, bike trails and demonstration gardens as well as recreation facilities attract visitors from outside the campus. Other facilities owned by the City or school district can serve some of the University of Minnesota, Crookston's needs. The campus and its diverse activities are expected to continue to serve as a community center for Crookston and its immediate surroundings.



- Guideline 30 Collaborate where feasible to make open spaces of all types accessible to the larger community.
- Guideline 31 Educate members of public and campus community about functions within open spaces, where appropriate and accessible to these populations.
- Guideline 32 Promote improved visual and digital connections with community resources.
- Guideline 33 Participate in partnerships with community, regional and state entities.
- Guideline 34 Demonstrate collaboration and shared use among campus entities.

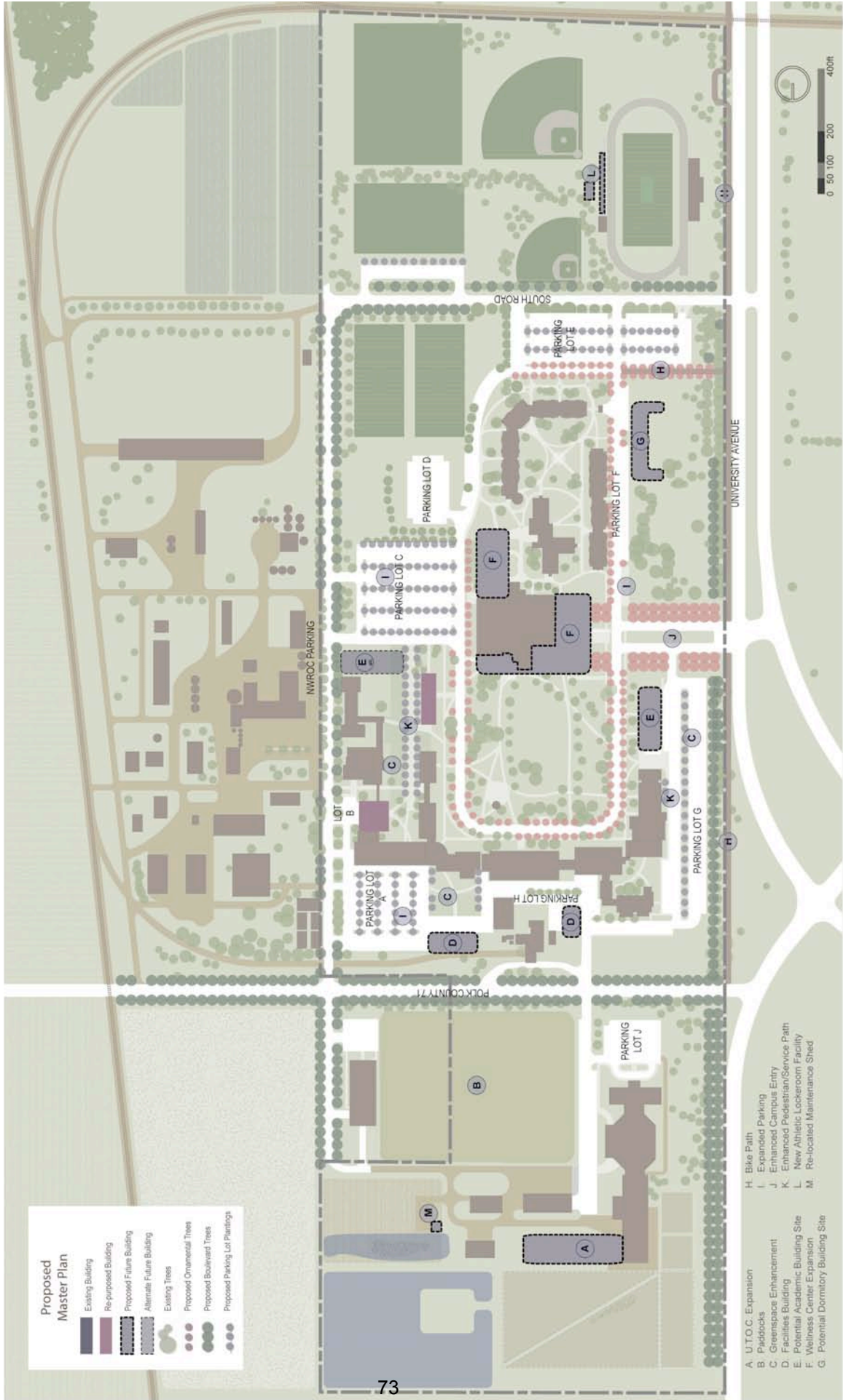
IMPLEMENTATION

The Master Plan provides broad principles and a basic framework that directs future campus development. It depicts a vision for the near and long term future, with an extended planning horizon of ten-fifteen years. In that time, it is likely that the Master Plan will require updating, to reflect changing conditions and factors relevant to the continued evolution of University of Minnesota, Crookston.

Capital projects that have a significant effect on the external appearance, function and operation of the campus will be formally measured against the principles and strategies of this Master Plan. Projects and initiatives will be evaluated throughout planning and design efforts to ensure the Master Plan retains its influence on project formulation, site selection and design development. Specific capital projects associated with Master Plan Recommendations are listed below in priority order:

- i. Wellness Center
- ii. Academic Buildings
- iii. Technology infrastructure to support online learning
- iv. Housing Neighborhood expansion

Ongoing investments in buildings and operations protocol that will achieve a more sustainable campus are expected to continue through 2020.



END NOTES

- 1 University of Minnesota, Crookston website
- 2 Campus Factbook p. 1, Common Data Set 2009-2010
- 3 Master Plan Facilities Committee meeting notes, October 2009
- 4 Master Plan Facilities Committee meeting notes, May 21, 2009
- 5 Master Plan Facilities Committee meeting notes, May 21, 2009
- 6 Master Plan Facilities Committee meeting notes, May 21, 2009
- 7 Master Plan Facilities Committee meeting notes, May 21, 2009
- 8 Master Plan Facilities Committee meeting notes, May 21, 2009
- 9 Crookston Climate Neutrality Plan Draft, University of Minnesota, Crookston, December 2009
- 10 University of Minnesota, Crookston website

All images provided by the University of Minnesota, Crookston, unless otherwise noted.



**UNIVERSITY OF MINNESOTA
BOARD OF REGENTS**

Facilities Committee

June 10, 2010

Agenda Item: Biomedical Facilities Program - Cancer/Cardiovascular Projects, Twin Cities Campus

review review/action action discussion

Presenters: Vice President Kathleen O'Brien
Senior Vice President Frank Cerra
Richard Johnson, Program Director, Biomedical Discovery District

Purpose:

policy background/context oversight strategic positioning

In accordance with Board of Regents Policy: *Reservation and Delegation of Authority*, and consistent with current practice for reviewing the design of major capital projects, review and take action on schematic plans for the following project:

- Biomedical Facilities Program – Cancer/Cardiovascular Projects located on the Twin Cities, Minneapolis, East Bank Campus

Outline of Key Points/Policy Issues:

The project schematic plans will be presented at the committee meeting. The attached project data sheet addresses the basis for the request, project scope, cost estimate, funding and schedule. A map locating the project on the campus is also attached.

The Cancer/Cardiovascular Facility will be the centerpiece of the new biomedical research area of campus (the Biomedical Discovery District) and the second facility constructed in the Biomedical Research Facilities Program approved by the 2008 legislature. The Facility will provide state of the art facilities critical to the future and to recruiting and retaining faculty and researchers. The central aim of the research in the facility will be to find cures and treatments for the devastating health conditions of cancer and heart disease.

Researchers will be brought together across departmental lines and use of common space (non public space with restricted access) will be maximized. In addition, the facility will be physically connected to other facilities in the District and provide common public space for district wide meetings, events and food service.

This project will advance the University's fundamental academic mission; help position the University as one of the top three public research universities in the country and position Minnesota as world-leading state for biomedical research. The project conforms to the planning principles for the East Gateway district outlined in the Board of Regents December 2009 work session

Background Information:

July 2008: The Board of Regents received a presentation regarding implementation strategies for the Biomedical Research Facilities Program which was authorized by the 2008 session of the Minnesota legislature. On the same date, the Regents discussed the specific requirements and broad strategies regarding debt financing of the Program.

March 2009: The Board of Regents received a presentation on the Twin Cities Campus Master Plan which provides overall principles to guide development of the East Gateway District of the campus and the biomedical research facilities to be developed within it.

March 2009: The Board of Regents approved the Schematic Design for an expansion to the Center for Magnetic Resonance Research the first building in the Biomedical Research Facilities Program approved by the 2008 Legislature.

December 2009: The Board of Regents received a presentation on the East Gateway Master Plan and updates on the Biomedical Research Program and the Biomedical Discovery District Phase 2.

March 2010: The Board of Regents approved an amendment to the 2010 capital budget authorizing the Project team to expend funds to complete the schematic design of the next Biomedical Facilities program project.

President's Recommendation for Action:

The President recommends approval of the schematic plans for the Cancer/Cardiovascular Projects and of the appropriate administrative officers proceeding with the award of contracts for the development of construction documents and construction, subject to approval of the project as part of the annual capital budget or as a capital budget amendment.

**Biomedical Facilities Program
Cancer/Cardiovascular Projects
Twin Cities Campus
Project No. 01-000-09-1687**

1. Basis for Request:

The 2008 Minnesota Legislature enacted as part of the Omnibus Capital Appropriations bill legislation to “provide for a biomedical science research funding program to further the investment in biomedical science research facilities in Minnesota to benefit the state’s economy, advance the biomedical technology industry, benefit human health, and facilitate research collaboration between the University of Minnesota and other private and public institutions in this state.”

The Minnesota Biomedical Facilities Program allows the University to bond for \$292 million – split 75/25 with the State of Minnesota – to finance new research buildings and associated infrastructure in the East Gateway district of the Twin Cities campus. The first of these four projects, the Center for Magnetic Resonance Research (CMRR), is under construction.

The schematic design for the next phase of the program incorporates Project #2 and Project #3 and includes utility infrastructure, district circulation, research laboratories, offices, research support services and common space supporting both the cancer and cardiovascular programs.

The schematic design supports facilities that will ensure research productivity, fulfill the University’s statewide mission, advance the academic mission and leverage state capital funding opportunities.

2. Scope of Project:

Projects #2 and #3 of the Minnesota Biomedical Facilities Program consist of an approximately 280,000 gross square foot research laboratory facility focusing on cancer and cardiovascular research together with common support space for research animal care, shared instruments, food service, and conferencing. This will be a completely new facility with approximately:

- 50,000 net square feet for cancer research
- 50,000 net square feet for cardiovascular research
- 34,000 net square feet for animal care and shared instrumentation
- 10,000 net square feet in a public commons area (food service and conferencing).

The facility will be located in the East Gateway District of the Twin Cities campus between 6th street to the south, the future Granary Road to the north, 21st Avenue, and 23rd Avenue. The site is shared with the existing Medical Biosciences Building (MBB) and has adjacencies to the Center for Magnetic Resonance Research (CMRR), Lions Research Building/McGuire Translational Research Facility (LRB/MTRF) and TCF Bank Stadium.

3. Master Plan or Precinct/District Plan:

The project is in compliance with both the East Gateway (May, 2009) and Twin Cities Campus (March 2009) master plans.

4. Environmental Issues:

Considerable historical environmental data is available for the East Gateway District and correspondingly, a Site Contingency Plan will be developed by a qualified environmental consultant that identifies procedures and protocol in the event hazardous materials are encountered during construction. Any environmental issues encountered during the excavation will be addressed as a part of the project.

5. Cost Estimate:

Construction Cost	\$133,300,000
Non-Construction Costs/Infrastructure	<u>67,000,000</u>
Total Project Costs	\$200,300,000

6. Capital Funding:

Funding is being provided by Biomedical Facilities Program debt.

7. Capital Budget Approvals:

March 2009: The Board of Regents approval of \$4,400, 000 for completion of pre design, schematic design and preconstruction services supporting the cancer and cardiovascular projects.

The remainder of the project is included in the 2011 Annual Capital Budget.

8. Annual Operating and Maintenance Cost and Source of Revenue:

The estimated annual cost to operate and maintain the Cancer Cardio facility is \$18.25 / gross square foot or approximately \$5 million in 2013. An agreement on the funding of the required building operating costs will be completed consistent with the compact / budget process.

9. Time Schedule:

Complete Design	December 2010
Establish Construction Guaranteed Maximum Price	March 2011
Begin construction	April 2011
Complete construction	June 2013

10. Architect / Construction Manager:

Cancer / Cardiovascular Facilities

Architect: Architectural Alliance, Minneapolis with Zimmer Gunsul Frasca Architects, Seattle, Washington

Construction Manager: Mortenson Construction, Minneapolis, MN

11. Recommendation:

The above described project scope of work, cost, funding, and schedule is appropriate:

Richard P. Pfitzenreuter 5/27/10
Richard Pfitzenreuter, Vice President and Chief Financial Officer

Frank Cerra 5/27/10
Frank Cerra, Senior Vice President Health Sciences

Kathleen O'Brien 5/26/10
Kathleen O'Brien, Vice President for University Services





**UNIVERSITY OF MINNESOTA
BOARD OF REGENTS**

Facilities Committee

June 10, 2010

Agenda Item: Resolution to Amend Project Boundaries and Distribute the Draft Environmental Impact Statement for the UMore Park Sand and Gravel Resources Project

review review/action action discussion

Presenters: Charles Muscoplat, Vice President and UMore Development LLC President
Associate General Counsel Kenneth Larson

Purpose:

policy background/context oversight strategic positioning

The purpose of this discussion is to review and act upon a Resolution by which the University, acting as Responsible Governmental Unit (RGU) related to the environmental review of the UMore Park Sand and Gravel Resources Project, approves a change in the project boundaries and authorizes distribution of the draft Environmental Impact Statement (EIS) that has been prepared in connection with a proposal to mine and process sand and gravel on land owned by the University commonly known as UMore Park. The proposed Resolution is attached.

Outline of Key Points/Policy Issues:

The University has completed a concept master plan for approximately 5,000 acres of land it owns in Dakota County, Minnesota, known as UMore Park. As part of the concept master planning process, the University completed an aggregate assessment in 2008 which identified the location, quality and quantity of sand and gravel resources at the property. The assessment indicated sand and gravel resources are present in commercially viable amounts. The University anticipates mining a substantial part of the sand and gravel. Based on the size of the land area that could be affected by mining and the depth of the deposits, the University is required to complete an environmental review process that identifies and analyzes the potentially significant environmental effects of the mining before any mining can occur. The next step in the process is the distribution for public comment of a draft Environmental Impact Statement.

The Board of Governors of the UMore Park Development LLC, following a status review of the UMore Park Sand and Gravel Resources Project at its May 12, 2010 meeting, recommends that the Board of Regents approve (1) publication of the Draft Environmental Impact Statement for the project in furtherance of the environmental review process, and (2) the revision of the project boundaries to better accommodate land uses ancillary to sand and gravel mining on the UMore Park property.

Background Information:

A. Prior Board of Regents Actions

On December 8, 2006 the Board adopted a Resolution that directed the Administration to undertake specific steps concerning the UMore Park property, including preparation of a plan for the extraction of sand and gravel at the site.

On April 11, 2008 the Board adopted a Resolution to act as the responsible Governmental Unit for the preparation of an Environmental Impact Statement (EIS) for the UMore Park Sand and Gravel Resources Project.

On June 12, 2009 the Board adopted a Resolution approving the Scoping Decision Document (SDD) identifying the alternatives and subject areas to be examined in depth in the EIS. The study area identified in the SDD is now proposed to be enlarged to include an additional 120 acres of the UMore Park property. The additional land is located adjacent to the eastern boundary of the original study area and immediately north of Dakota County Road 46 (160th Street) extending to Akron Avenue. This added land area is proposed to accommodate a more efficient layout for the ancillary use facility.

B. Overview of the Environmental Review Process and Next Steps

Under state law, certain projects cannot be undertaken, financed or permitted by governmental units without first completing an environmental review. Among these projects is the extraction of sand or gravel affecting more than 160 acres. The purpose of the environmental review is to provide information to units of government, the proposer of the project (here the University) and other persons to enable evaluation of potentially significant environmental effects, to consider alternatives to the proposed project, and to explain methods for reducing adverse environmental effects.

The environmental review process does not result in the approval or disapproval of a project. Instead, it identifies and analyzes potentially significant environmental impacts of a project and the reasonable, prudent steps that may be taken to avoid or mitigate those adverse impacts.

Subsequent to the Board's adoption of the SDD, the University prepared a draft EIS. In the course of preparing the draft EIS, the University concluded that in order to provide maximum protection for its turkey research facilities at UMore Park and to accommodate a more efficient layout for the location of sand, gravel, concrete and asphalt processing facilities that are ancillary to the sand and gravel mining operations, it was appropriate to add land to the study area. The additional land is located adjacent to the eastern boundary of the original study area and immediately north of Dakota County Road 46 (160th Street) extending to Akron Avenue. The amended study area is depicted on Attachment A. The amended study area consists of approximately 1,722 acres, which includes public rights-of-way for roadways such as County Road 42, County Road 46, Biscayne Avenue, and 170th Street. The net acreage of the proposed project is approximately 1,656 acres.

An Executive Summary that describes the contents and conclusions of the draft EIS, which relates to the enlarged study area, is attached as Attachment B. The complete draft EIS document is on file in the Board of Regents office.

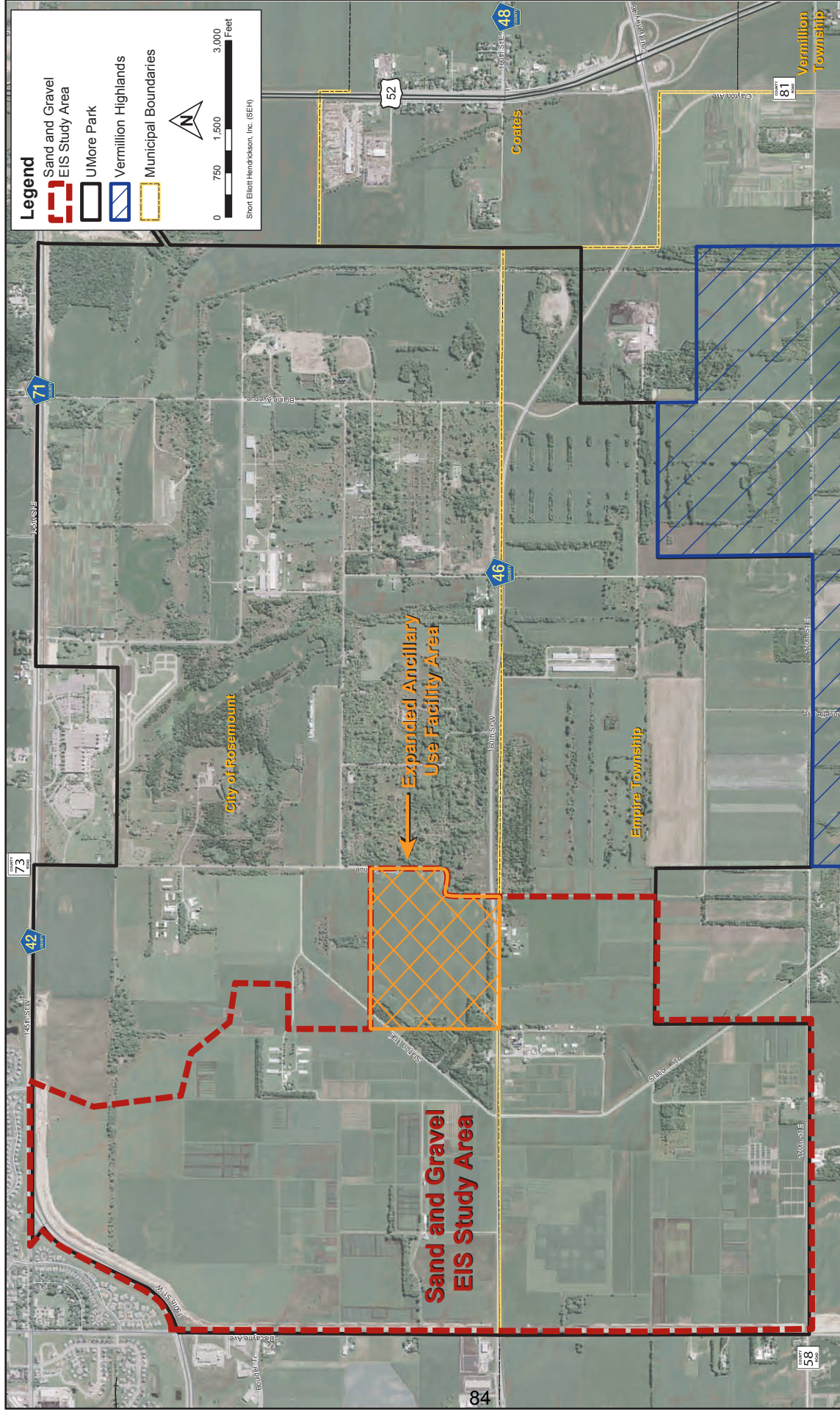
The Rules of the Minnesota Environmental Quality Board (EQB) provide that it is the RGU's responsibility to determine when the draft EIS is ready for public release. If the RGU concludes that the draft EIS is ready, the rules provide that:

- the draft EIS or a summary is to be distributed by the University as provided in Minnesota Rule 4410.2600, Subparts 3 and 4;
- the EQB will publish a notice of the availability of the draft EIS in the EQB Monitor;
- the University will supply a press release to at least one newspaper of general circulation in the project area announcing the opportunity to comment on the draft EIS and a public meeting;
- a public informational meeting will be held; the University will receive written comments be received; and
- a final EIS be prepared, including the University's responses to timely substantive comments on the draft EIS made at the public meeting or in writing.

If the Board of Regents approves the change in project boundaries and distribution of the draft EIS, it will not be required to take further action with respect to the environmental review of the project until the Board is asked to pass on the adequacy of the final EIS.

President's Recommendation for Action:

The President recommends that the Resolution to Amend Project Boundaries and Distribute the Draft Environmental Impact Statement for the UMore Park Sand and Gravel Resources Project (attached as Attachment C) be approved.



Attachment B

Draft Environmental Impact Statement for the UMore Park Sand and Gravel Resources Project

Executive Summary

The University of Minnesota has prepared a Draft Environmental Impact Statement (EIS) for the establishment of new aggregate mines and ancillary operations on approximately 1,722 acres of the UMore Park property located in the City of Rosemount and Empire Township, Dakota County, Minnesota.

Prior to initiation of the Draft EIS, a Scoping Decision Document (SDD) and a companion Scoping Environmental Assessment Worksheet (SEAW) were prepared for the UMore Park Sand and Gravel Resources Project. The purpose of the SDD was to identify the alternatives and subject areas to be examined in depth in the EIS.

This Draft EIS discusses the alternatives evaluation and screening process conducted during project scoping. Furthermore, the section identifies the alternatives retained for consideration in this Draft EIS, which include the Build condition (operation of the Sand and Gravel Resources Project) and the No-Build condition. Since publication of the SDD in June 2009, the University has modified the UMore Park Sand and Gravel Resources Project Study Boundary to include an additional 120-acre of the UMore Park property. The additional land is located adjacent to the eastern boundary of the original study area and immediately north of Dakota County Road 46 (160th Street) extending to Akron Avenue. This added land area is proposed to accommodate a more efficient layout for the ancillary use facility. No changes in the scope and scale of the overall operations are proposed. Based on this change, the preferred alternative has been revised to include the larger study boundary. The No-Build Alternative remains unchanged.

The Draft EIS summarizes the results of all studies, reviews, consultation, and coordination conducted on the potential environmental impacts of the proposed action. The primary subject areas identified through the scoping process for further analysis in the Draft EIS include:

- Land Use
- Environmental Hazards/Contamination
- Fish, Wildlife and Ecologically Sensitive Resources
- Threatened and Endangered Species
- Water Resources/Wetlands
- Surface Water Quality
- Groundwater
- Water Use
- Traffic
- Odors, Noise, and Dust
- Air Quality
- Infrastructure and Utilities
- Farmlands
- Social, Community, and Economic Effects
- Visual Impacts
- Archaeological, Historical, or Architectural Resources
- Cumulative Effects

The Draft EIS also includes a summary of mitigation measures for potential impacts that may result from the proposed action. Many of these measures will be further refined as part of the permitting process that will occur prior to any mining operations.

Supplemental Information

The Draft EIS for the UMore Park Sand and Gravel Resources Project includes several technical studies that were conducted as part of the preparation and analysis of potential effects of the proposed action. In some instances, the Draft EIS contains a summary of the study methodology, findings, and recommendations.

- Groundwater Assessment Report
- Predictive Simulations Report
- Phase II Site of Concern (SOC) Investigation Report; Sites 1-3 and 6-8
- Supplemental Site Inspection (SOC 4) and Remedial Investigation (SOC 5) Report
- Ancillary Use Facility Area Subsurface Investigation, Technical Memorandum
- Wetland Delineation Report
- Traffic Impact Study Report
- Noise Impact Study Report
- Air Quality Impact Study Report
- Air Quality Addendum Technical Memorandum

Proposed Action

The University of Minnesota has prepared a Draft Environmental Impact Statement (EIS) for the establishment of new mines and ancillary operations on approximately the western third of the UMore Park property, located in the City of Rosemount and Empire Township, Dakota County, Minnesota. The entire study area consists of approximately 1,722 acres, which includes public rights-of-way for roadways such as County Road 42, County Road 46, Biscayne Avenue, and 170th Street. The net acreage of the proposed project is approximately 1,656 acres. The project is hereafter referred to as the UMore Park Sand and Gravel Resources Project and the area proposed for such action is hereafter referred to as the UMore Mining Area (UMA). The UMA is part of the University of Minnesota Outreach, Research, and Education Park (UMore Park) that has been owned by the University of Minnesota since the late 1940s.

The Board of Regents of the University of Minnesota is serving as the Responsible Governmental Unit (RGU) for the Project. The Draft EIS meets the requirements of Minnesota Rules 4410.0200 to 4410.7800, which are administered by the Minnesota Environmental Quality Board (MEQB).

Purpose of the EIS

Prior to initiation of the Draft EIS, a Scoping Decision Document (SDD) and a companion Scoping Environmental Assessment Worksheet (SEAW) were prepared for the Project (visit www.umorepark.umn.edu/Gravel_Resources_and_Assessment.html to view a copy of the SDD and SEAW). The purpose of the SDD is to identify the issues and alternatives that will be examined in depth in the EIS. A draft SDD was published and circulated with the SEAW on January 12, 2009. Comments on both documents were accepted through February 16, 2009. The public comment period also included a public scoping meeting held on February 5, 2009. Comments received during the public comment period were responded to and included in a response to comments document in the final SDD. The final SDD also presented a tentative schedule of the environmental review process. The SDD was approved by the Board of Regents on June 12, 2009.

The SEAW process was preceded by a regional study by the Metropolitan Council, Department of Natural Resources, and the University of Minnesota in 2002, titled Aggregate Resources Inventory of the Seven-County Metropolitan Area, which identified significant aggregate resources within UMore Park. In addition, the UMore Park Geological Assessment prepared by ProSource Technologies, Inc., was completed in September 2008 and identified the location, quality, and quantity of aggregate on the UMore Park property. The proposed UMA comprises approximately the western third of the UMore Park property and contains substantial quantities of high quality aggregate material.

The purpose of the EIS is to provide information about the extent of potential environmental impacts and how they may be avoided or minimized. The EIS is not a means to approve or disapprove a project but serves as a source of information to guide approval decisions.

Summary of Mitigative Measures

This section summarizes the mitigation measures that have been identified for addressing the adverse impacts of the UMore Park Sand and Gravel Resources Project.

Land Use

Mining operations will be setback a minimum of 350 feet from residential properties. In addition, berming will be constructed 12 feet high with a 5-foot top and 3:1 side slopes as indicated on the Mining Plan, which is available for review at the UMore Park Administrative Office. The berm will be seeded and maintained as needed by the operator. As mineral extraction transitions to lower elevations of depth, the equipment and the extraction area will not be visible to the adjacent residential properties on the north side of County Road 42.

Other activities that will ensure the operation complies with local planning initiatives include:

- Zoning amendments will be filed with Empire Township and the City of Rosemount, and
- A comprehensive plan amendment will be filed with the City of Rosemount.

Environmental Hazards/Contamination

Mercury Soil Interim Corrective Action

The mercury impacted soils were removed and disposed at a permitted solid waste disposal facility. Confirmation soil samples were collected from the excavation base and sidewalls and analyzed to verify that the remaining soils (adjacent to the excavation) did not contain mercury at concentrations above health risk-based standards for residential/unrestricted use. Less than 100 cubic yards of soil were removed and disposed of off-site.

Clean up Criteria and Environmental Contingency Plan Contents

In order to be protective of human health and the environment, the University has assumed that the MPCA's most restrictive health risk-based soil screening criteria referred to as Tier 1 Soil Reference Values (SRVs) will apply to soils excavated in the UMA. This assumption is also intended to provide maximum operational flexibility so that once mining extraction begins; the soil and gravel derived from the UMA can be managed without restrictions, consistent with typical mining operations.

The investigation results do not indicate any areas of wide-spread impacts from hazardous substances or petroleum constituents above the Tier 1 SRVs within the UMA. Based on the results of the investigations, the majority of the soil within the UMA is below the Tier 1 SRVs and is free of soil impacts that might interfere with mining operations.

Summary of Presumed Response Actions

The investigation results indicated that a few isolated areas of the UMA exhibit evidence of a release of petroleum products or hazardous substances. These areas may require additional investigation and specific MPCA-approved Response Action Plans (RAPs) where targeted soil clean up is needed. The actions are described below.

SOCs 1-3 and 6-8

No additional investigation or remediation is required in these areas. Future mining operations in these areas will be performed in accordance with an Exposure Control Plan (ECP).

SOC 4

Additional investigation will be needed to document the extent of the debris and characterize the debris material for off-site disposal at a permitted solid waste disposal facility prior to the start of mining operations. The debris is not considered a significant threat to groundwater.

SOC 5

Additional soil and groundwater sampling within SOC 5 will be conducted prior to mining. Each of the areas within SOC 5 where soil sample results were above a Tier 1 SRV will be subjected to additional soil sampling so that appropriate response actions can be planned. The response actions in these areas will be addressed in a specific RAP for each area and approved by the MPCA.

Cover Types

Lands with slopes less than 3:1 (horizontal:vertical) or outside the lake perimeter strip will continue to be farmed after mining.

Fish, Wildlife, and Ecologically Sensitive Resources

The reclamation plan has the potential to improve conditions for Species in Greatest Conservation Need (SGCN) species by creating open water habitat, littoral wetlands, and upland grassland. Even though agriculture will continue on the majority of the site, the new post-mining natural features will create conditions more favorable to some SGCN species than before mining.

Threatened and Endangered Species

No mitigation is required for Blanding's turtle, mesic prairie, or the Vermillion River trout stream. No mitigation is necessary to offset direct impacts to loggerhead shrike on the UMA. Activities that could benefit loggerhead shrike include planting grasslands on 3:1 slopes as specified in the reclamation plan.

Wetlands

All wetland impacts will be mitigated following Minnesota Wetland Conservation Act (WCA) and MPCA replacement requirements. Wetland mitigation will consist of on-site replacement, off-site replacement, or purchase of wetland bank credits.

Surface Water Drainage

The analysis indicates the proposed UMore Sand and Gravel Resources Project will perform well in terms of controlling surface runoff rate and volume. The proposed mine pit lake will reduce offsite nutrient and sediment loadings compared to existing conditions. Pre- and post-project monitoring should be performed to measure (rather than estimate) discharge rates and pollutant loadings coming from the site under existing and proposed action conditions. In addition, the

nutrient concentrations in the mine pit lake should be monitored following the completion of the proposed mining project.

Unavoidable Adverse Impacts

This evaluation revealed no unavoidable significant adverse impacts from the UMore Sand and Gravel Resources Project. The proposed action would reduce storm water runoff rate and volume, and reduce nutrient and sediment loads leaving the UMA. Additionally onsite receiving water impacts would meet existing MPCA criteria for deep lakes

Groundwater

The predicted effect of a spill will be confined to the area immediately down gradient of the UMA within the UMore property boundary. Ancillary operations will be located in an area underlain by a relatively thick unsaturated zone (relative to the active aggregate extraction areas) and the low permeability clay till. Potential contaminants will also be managed in accordance with appropriate spill prevention, control, and containment measures.

Detailed plans for environmental protection and/or monitoring will be addressed during the mine permitting stage. Consideration for future monitoring should include the geology and groundwater flow directions in the UMA relative to drinking water supply wells in order to evaluate appropriate locations for monitoring wells for the monitoring network.

Water Use

Mitigation has been incorporated into the mining operations to limit the use of groundwater. The potential effects of groundwater withdrawal will be mitigated primarily by use of a clay-lined wash basin, seepage from the basin to groundwater, and the intermittent pumping of the concrete production well. The mine pit-lake itself would result in a net increase in water level elevation relative to current conditions. Although this effect may be significant, it is likely a positive effect and therefore is unlikely to result in environmental impact to other users or habitats that rely on groundwater.

Traffic

The UMA site-generated traffic is not expected to have a substantial impact on traffic operations at most of the study intersections or on any of the study roadways. The only study intersection where traffic operations are significantly impacted by site-generated traffic is the CSAH 46/Akron Avenue intersection. To mitigate the traffic operations impact, it is recommended that the traffic control at the intersection be changed from two-way stop control to traffic signal control. The timing is dependent upon background traffic growth on CSAH 46 and Akron Avenue.

Though traffic operations are not driving the need for mitigation measures at most study intersections, safety concerns resulted in recommendations for turn lane safety improvements at access points to the UMA site. With mining trucks slowing down and possibly stopping on high speed and/or high volume mainline roads, left turn lane and right turn lane additions are recommended on paved mainline roads at the UMA access driveways.

If UMA truck traffic is expected to be significant, mitigation measures may include paving the section of the gravel road to be used by UMA traffic and prohibiting truck traffic on the section of gravel road where UMA traffic will not be allowed.

Noise

Traffic-Related Noise Mitigation Options

Noise associated with increased heavy truck traffic over the duration of the project is minimal, based upon peak hour traffic increase calculations for the regional transportation system. This is illustrated in the noise modeling results that indicate no daytime exceedances will occur. The analysis did indicate that nighttime standards were exceeded at some locations. However, as noted, the truck traffic from UMA operations represents a small fraction of the total traffic noise along each of the analyzed roadways. Furthermore, given that local and county roads are not subject to state standards and subsequent mitigation requirements, no mitigation is required.

Mining-Related Noise Mitigation Options

During the duration of the mining operation, equipment, and hauling operations will occur at varying locations and elevations. Most often, the distance from these operations to sensitive noise receptors will be sufficient, and substantial mitigation will not be needed.

Any future redevelopment of the UMA should minimize the introduction of new receivers that may result in any noise impacts. This can be accomplished by locating and scheduling redevelopment in locations where operations are complete.

Air Quality

Minnesota Rule 7011.0150 reads, “No person shall cause or permit the handling, use, transporting, or storage of any material in a manner which may allow avoidable amounts of particulate matter to become airborne. No person shall cause or permit a building or its appurtenances or a road, or a driveway, or an open area to be constructed, used, repaired, or demolished without applying all such reasonable measures as may be required to prevent particulate matter from becoming airborne. All persons shall take reasonable precautions to prevent the discharge of visible fugitive dust emissions beyond the property line on which the emissions originate.” Some federal regulations also limit the visible thickness of dust plumes (a term called opacity) and the amount of time emissions can be seen by the naked eye.

Aggregate Processing and Handling Emissions

Mitigation of dust emissions from aggregate processing and handling operations includes two basic options: reducing the number of processing and/or handling operations and applying dust control. The numbers used in this analysis are a worst case estimate. The analysis assumed maximum production levels and a maximum number of pieces of equipment and further assumed 100 percent of the material passes through every operation.

Internal Haul Road Emissions

The haul roads contribute to a majority of the total projected emissions. This is typical of such operations. With respect to internal haul roads, there are two basic mitigation options: shorten the length of haul roads, and/or apply dust control. The haul road distances at this time are estimates, but on average, are believed to be a half mile or less for a round trip. Any reduction in haul road distances will significantly reduce the haul road emissions.

Operations in the UMA will apply wet suppression (water application) to the unpaved haul roads. Water application keeps the road surface wet to control emissions. The control efficiency of unpaved road watering depends on: 1) the amount of water applied per unit area of road surface, 2) the time between reapplications, 3) traffic volume during that period, and 4) prevailing meteorological conditions during the period.

Concrete and Asphalt Plant Emissions

Baghouses (e.g. fabric filters) will be used to control particulate emissions from the asphalt plant and concrete plant operations since they have been proven to provide a high level of emission control for these types of operations. Mitigation approaches related to haul roads and material processing and handling discussed above also apply to handling raw materials and shipment of finished products associated with the asphalt and concrete plant operations.

Farmland

Site reclamation will occur as mining phases are completed and will include grading of slopes and replacement of topsoil to accommodate a return of the land use to agricultural production.

Social and Community

Mitigation measures that address visual quality, land use impacts, noise and air pollution and traffic will serve to mitigate any potential impacts related to social and community impacts.

Visual Quality

As topsoil is stripped for each phase of the mining area, it will be stockpiled in a series of earthen berms that will serve as visual barriers along the property boundaries. The berming is proposed to be constructed approximately 12 feet high with a five-foot top and 3:1 side slopes. The berms will be seeded with a 340 native mix and maintained as needed. Other vegetative plantings (trees, shrubs, etc.) around the perimeter of the site will be determined with each phase of the mining activities.

Potential visible impacts will be substantially mitigated through the construction of these earthen berms and vegetative plantings around the site. Furthermore, most of the mining activities will take place at a reduced elevation below the line of site from the viewers (travelers and neighbors). The buildings and operations associated with the Ancillary Use Facility (AUF) will be partially screened from travelers along County Road 46 through the preservation of existing trees along the north side of the roadway.

Public Involvement

The University of Minnesota is committed to public involvement/outreach at all levels in the project development process. The University will continue to engage area property owners, business owners, residents, and agencies representatives.

Public Meetings

The University of Minnesota has hosted environmental review public meetings on November 6, 2008 and February 5, 2009. On January 12, 2009 the SEAW and Draft SDD were circulated to those agencies on the Minnesota EQB distribution list and other interested parties for their review and comment as required by Minnesota Rules 4410.2100, subpart 3. The availability of the SEAW and Draft SDD was published in the January 12, 2009 edition of the EQB Monitor. Press releases were sent to area newspapers.

The comments received in the scoping phase of the project and the information collected to address the comments were used in the preparation of the Draft EIS. The Draft EIS will be circulated for a 30-day public comment period. A public meeting/public hearing will be held to afford opportunity for public comment. The availability of the Draft EIS will be published in the EQB Monitor and in local media sources.

Comments received during the official comment period and at the Public Meeting/Hearing will be used to prepare the Final EIS. The Final EIS will be circulated for a 30-day public comment period, after which the University's Board of Regents will determine its adequacy. Notification of the Adequacy Decision will be published in the EQB Monitor and sent to area media sources.

Technical Advisory Committee (TAC)

The TAC was organized to meet periodically during the planning and design phases of the Project. The group is comprised of state, county, and local agency representatives and advises the University staff on issues related to potential impacts on or opportunities for communities adjacent to UMore Park and potential impacts on natural resources as a result of the Project. Throughout the planning process, the University has been and will continue to coordinate with various agencies and jurisdictions to ensure the proper processes are followed and approvals requested. More importantly, the ongoing coordination and communication with these representatives provides valuable input and guidance through the project development process. Some of the organizations that have played important roles include:

- City of Rosemount
- Empire Township
- Dakota County
- Minnesota Pollution Control Agency
- Minnesota Department of Natural Resources
- Metropolitan Council



REGENTS OF THE UNIVERSITY OF MINNESOTA

RESOLUTION TO AMEND PROJECT BOUNDARIES AND DISTRIBUTE THE DRAFT ENVIRONMENTAL IMPACT STATEMENT FOR THE UMORE PARK SAND AND GRAVEL RESOURCES PROJECT

WHEREAS, The Board of Regents is the responsible governmental unit for preparation of the environmental impact statement for the UMore Park Sand and Gravel Resources Project; and

WHEREAS, subsequent to the Board of Regents approval of the Scoping Decision Document identifying the alternatives and subject areas to be examined in depth in the environmental impact statement the Administration prepared a draft Environmental Impact Statement with respect to the Project; and

WHEREAS, in the course of preparing the draft Environmental Impact Statement the Administration concluded that it was appropriate to modify the study area to include an additional 120 acres of land located adjacent to the eastern boundary of the original study area and immediately north of Dakota County Road 46 (160th Street) extending to Akron Avenue and the draft Environmental Impact Statement covers the additional acreage; and

WHEREAS, the Board of Regents has the responsibility for determining whether the expansion of the study area is appropriate and whether the draft Environmental Impact Statement is ready for release and distribution;

NOW, THEREFORE, BE IT RESOLVED, that the boundary of the Project area subject to review is expanded to include an additional 120 acres as described above; and

BE IT FURTHER RESOLVED, that Administration shall distribute, publicize, hold a public informational meeting and accept comments regarding the draft Environmental Impact Statement in accordance with applicable law and take such other actions as are required to prepare a final Environmental Impact Statement.



**UNIVERSITY OF MINNESOTA
BOARD OF REGENTS**

Facilities Committee

June 10, 2010

Agenda Item: Resolution to Nominate the Northrop Mall District to the National Register of Historic Places

review review/action action discussion

Presenters: Vice President Kathleen O'Brien
Director of Planning and Architecture Orlyn Miller

Purpose:

policy background/context oversight strategic positioning

Review with the Board of Regents the draft resolution recommending nomination the Northrop Mall District portion of the Minneapolis East Bank Campus to the *National Register of Historic Place*.

Outline of Key Points/Policy Issues:

Northrop Mall was designated in 1997 as a Regents Campus Historical District, and listed in 2009 public documents as *National Register of Historic Places* eligible by Minnesota State Historical Preservation Office.

In compliance with Federal and State legislation, Board of Regents Policies, and University administrative practice, the University of Minnesota treats both *National Register of Historic Places* listed properties and eligible properties the same.

Placing the Northrop Mall District on the *National Register of Historic Places* will require University resources to prepare required documentation and submittal of an official nomination. Otherwise, listing on the *National Register of Historic Places* will generally have limited new financial and operational impact as the University already treats this District as required by the National Historic Preservation Act and Minnesota State Law, including capital project specific consultation with the State Historic Preservation Office.

Background Information:

The Northrop Mall District portion of the Minneapolis East Bank Campus is considered one of the most intact examples of this type of campus planning remaining in the United States.



REGENTS OF THE UNIVERSITY OF MINNESOTA

**RESOLUTION TO NOMINATE THE
NORTHROP MALL DISTRICT PORTION OF THE
MINNEAPOLIS EAST BANK CAMPUS
TO THE NATIONAL REGISTER OF HISTORIC PLACES**

WHEREAS, the Northrop Mall District has been designated as a Regents Campus Historical District, is listed in public documents as National Register of Historic Places eligible by Minnesota State Historical Preservation Office, and the University of Minnesota seeks to preserve its heritage by its continuing commitment to preserve its historic buildings and landscapes; and

WHEREAS, preserving the Northrop Mall Historic District on the Minneapolis East Bank Campus is consistent with Guiding Principle # 5 in the Twin Cities Campus Master Plan 2009, which states "Steward historic buildings and landscapes"; is consistent with Guiding Principle #7 in the Twin Cities Campus Master Plan 2009, which states "Preserve and enhance natural systems and features", and is consistent with Guiding Principle #11 in the Twin Cities Campus Master Plan 2009, which states "Make the campus environmentally and operationally sustainable"; and

WHEREAS, the University's historic resources provide the residents of the State with a sense of history and identity and preservation of these historic buildings and landscapes contributes to the image of the campus as an enduring institution and its sense of place; and

WHEREAS, preserving the Northrop Mall Historic District on the Minneapolis East Bank Campus promotes a broad understanding, awareness, enjoyment and continued use of the University's historic resources as effective stewardship of the University; and

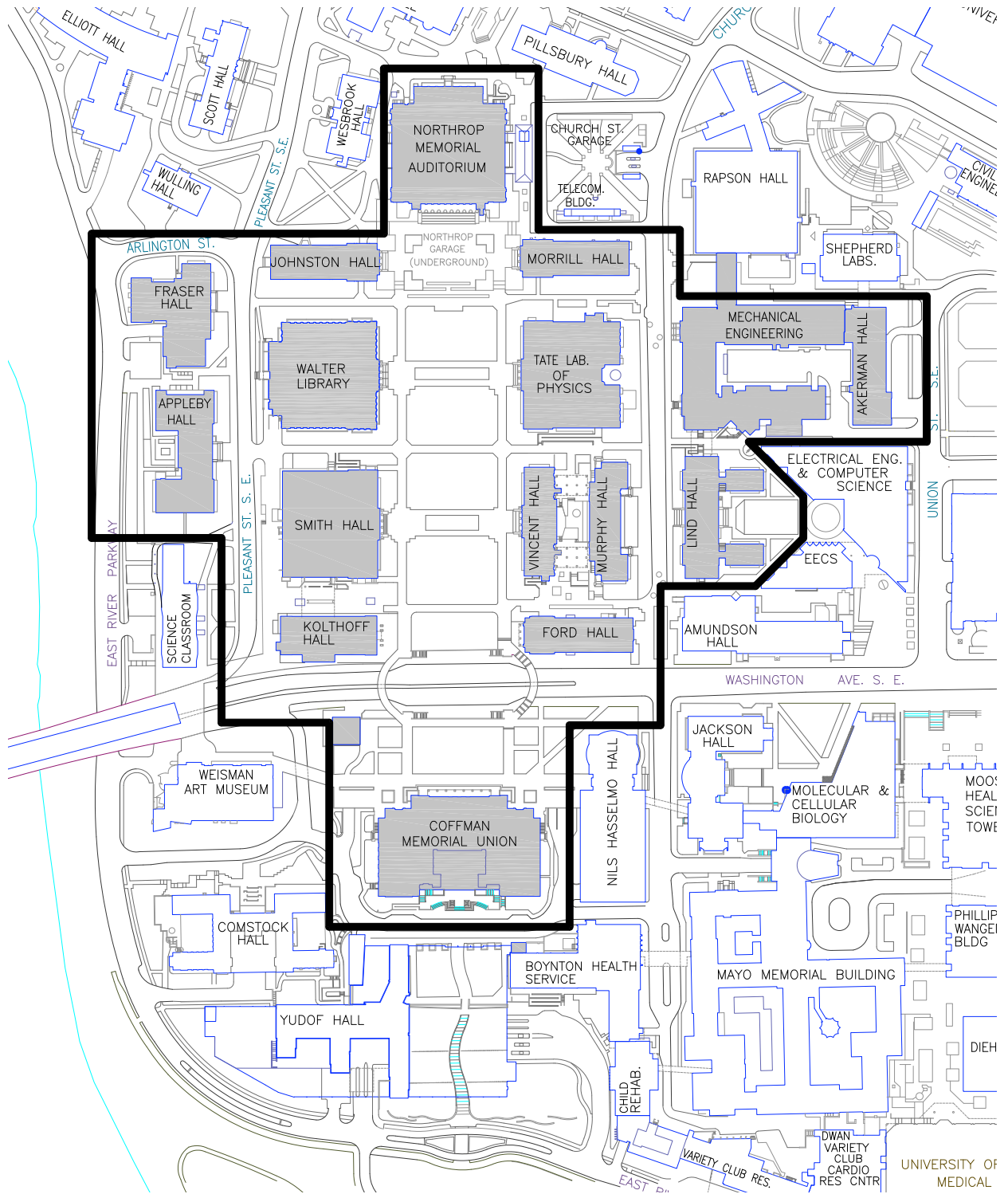
WHEREAS, conserving the Northrop Mall Historic District on the Minneapolis East Bank Campus supports development to preserve, enhance and respect the value of natural systems and features; and

WHEREAS, preserving the Northrop Mall Historic District on the Minneapolis East Bank Campus contributes to the University's commitment to sustainability, as the greenest building is often already built; and

WHEREAS, identification of this historic area of the Minneapolis campus will clarify and heighten the sense of history and continuity of today's and tomorrow's students by increasing awareness of the State's strong tradition of education, and provide a deeper appreciation of the places in which they study, live, work and play today.

NOW, THEREFORE, BE IT RESOLVED that the Board of Regents recognize the historically significant nature of the Northrop Mall Historic District portion of the Minneapolis East Bank Campus; and

BE IT FURTHER RESOLVED that the Board of Regents approves the filing of the nomination of the Northrop Mall Historic District on the Minneapolis East Bank Campus to the National Register of Historic Places.



NORTHROP MALL
NATIONAL REGISTER OF HISTORIC PLACES DISTRICT BOUNDARY
UNIVERSITY OF MINNESOTA TWIN CITIES CAMPUS





**UNIVERSITY OF MINNESOTA
BOARD OF REGENTS**

Facilities Committee

June 10, 2010

Agenda Item: Real Estate Transaction

review **review/action** **action** **discussion**

Presenters: Vice President Kathleen O'Brien
Susan Carlson Weinberg, Director of Real Estate

Purpose:

policy **background/context** **oversight** **strategic positioning**

In accordance with Board of Regents Policy: *Reservation and Delegation of Authority*, review the following real estate transaction:

- A. Five-Year Lease for Soudan Underground Laboratory, Soudan Underground Mine State Park, St. Louis County, Minnesota

Outline of Key Points/Policy Issues:

The details of the above lease transaction and its financial impact are described in the transaction information pages immediately following this page.

Background Information:

Board of Regents Policy: *Reservation and Delegation of Authority* states that "The Board of Regents reserves to itself authority to approve the purchase or sale of real property having a value greater than \$250,000 or larger than ten (10) acres" and all "leases of real property, easements and other interests in real property if the initial term amount to be paid by or to the University exceeds \$250,000, consistent with Board policies."

The Board of Regents approved previous leases for the Soudan Underground Laboratory in March, 1980, December, 1983 and November, 2000.

President's Recommendation for Action:

The President recommends approval of the following real estate transactions:

- A. Five-Year Lease for Soudan Underground Laboratory, Soudan Underground Mine State Park, St. Louis County, Minnesota

FIVE-YEAR LEASE FOR SOUDAN UNDERGROUND LABORATORY, SOUDAN UNDERGROUND MINE STATE PARK, ST. LOUIS COUNTY (TWIN CITIES CAMPUS)

1. Recommended Action

The President recommends that the appropriate administrative officers receive authorization to execute a five-year lease with a five-year renewal option for use of a portion of the 27th Level of the Soudan Underground Mine and portions of the surface at the Soudan Underground Mine State Park, for the Soudan Underground Laboratory.

2. Description of Leased Premises

The leased premises will consist of a portion of the 27th Level of the Soudan Underground Mine located approximately 2,341 feet beneath the surface and the south bay of the garage building and the chiller site on the surface at the Soudan Underground Mine State Park, St. Louis County.

3. Basis for Request

The University's use of portions of the Soudan Underground Mine began in 1980 with the construction of a research laboratory in an existing cavity on the 23rd level of the Soudan Underground Mine. The Soudan 2 Detector Lab on the 27th level of the mine was completed in 1986. The MINOS Far Detector excavation on the 27th level of the mine began in 1999. Portions of the surface at the Soudan Underground Mine State Park were added to the leased premises in 1996.

The purpose of the Soudan Underground Laboratory is to explore fundamental questions about the structure of the universe. The Soudan Underground Laboratory currently hosts two large research projects on the 27th level of the mine, MINOS, which investigates elusive and poorly understood particles called neutrinos; and CDMS II, a "dark-matter" experiment which may help explain how galaxies are formed.

The State of Minnesota, Department of Natural Resources, has requested the parties execute a new lease for the underground and surface portions of the Soudan Underground Mine State Park used for the Soudan Underground Laboratory by the Institute of Technology, School of Physics and Astronomy, and its collaborators in the research conducted there, including the Fermi National Accelerator Laboratory (Fermilab).

4. Details of Transaction

The replacement lease for the Soudan Underground Laboratory would have an approximate five-year initial term (July 29, 2008 through June 30, 2013) with one five-year option to continue the lease thereafter (potentially through June 30, 2018).

5. Lease Costs

The rent to be paid by the University for the use of the leased premises is based on the size of the research projects that use the premises (\$22,076.26 per year for a large project, \$13,245.76 for a medium project and \$4,415.25 for a small project the first year, increasing 2.5% per year thereafter).

The University will also pay the additional costs incurred by the State of Minnesota, Department of Natural Resources, in maintaining and operating the Soudan Underground Mine for the University and/or in assisting the University in construction and/or conducting the University's research activities in the Soudan Underground Mine State Park, including the mine hoist, utilities, emergency services, equipment purchase and testing, supplies, repair and maintenance, janitorial services, and personnel compensation costs.

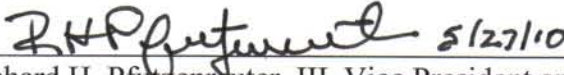
The University estimates it will pay the State of Minnesota, Department of Natural Resources, the sum of \$228,000 for the first year of the subject lease.


6. Source of Funds

The funding source for the subject lease is the U.S. Department of Energy, in the form of a contract the University executes with Fermilab.

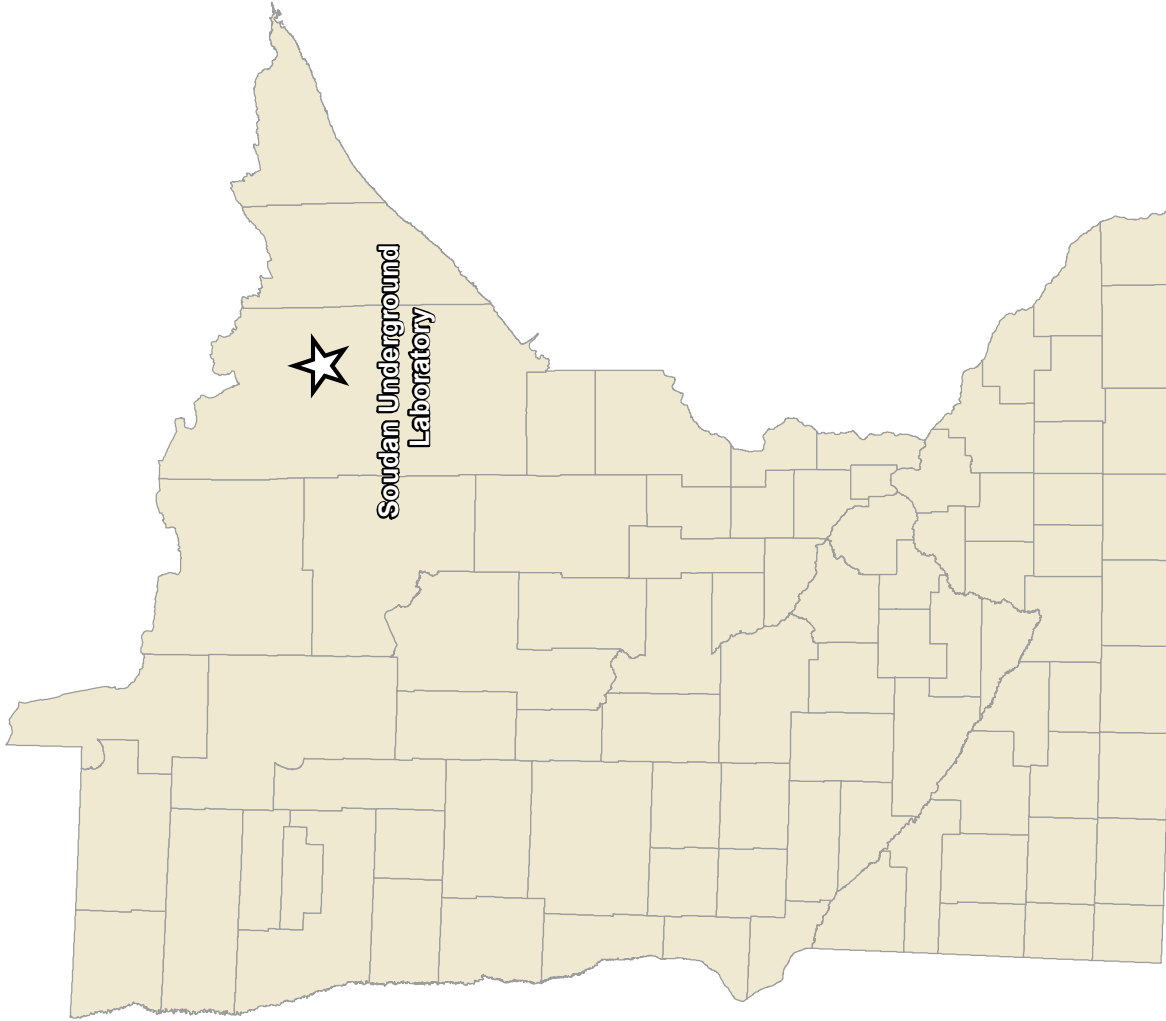
7. Recommendations

The above-described real estate transaction is appropriate:


Richard H. Pfitzenruter, III, Vice President and CFO


E. Thomas Sullivan, Senior Vice President for Academic Affairs and Provost


Kathleen O'Brien, Vice President for University Services





<p>Real Estate Office University of Minnesota</p>	<p>Soudan Underground Laboratory Lease</p>			<p>This map is intended to be used for planning purposes only and should not be relied upon where a survey is required. Base Data: Real Estate Office MetroGIS, MNDNR, MNDOT</p>
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**UNIVERSITY OF MINNESOTA
BOARD OF REGENTS**

Facilities Committee

June 10, 2010

Agenda Item: Consent Report

review review/action action discussion

Presenters: Vice President Kathleen O'Brien

Purpose:

policy background/context oversight strategic positioning

There are no consent items for the June Facilities Committee meeting.

Outline of Key Points/Policy Issues:

Background Information:



**UNIVERSITY OF MINNESOTA
BOARD OF REGENTS**

Facilities Committee

June 10, 2010

Agenda Item: Information Items

review review/action action discussion

Presenters: Vice President Kathleen O'Brien

Purpose:

policy background/context oversight strategic positioning

Provide the Board of Regents with information on the following items:

1. Final project review for the Folwell Hall Interior Renovation Project on the Twin Cities Campus
2. Final project review for the Griggs Hall Addition Project on the Duluth Campus
3. Wind Energy Research project at UMore Park

Outline of Key Points/Policy Issues:

Final Project Review – Folwell Hall Interior Renovation, Twin Cities Campus and Griggs Hall Addition, Duluth Campus

In accordance with Board of Regents Policy: *Reservation and Delegation of Authority*, Article 1, Section VIII, Subdivision 9, "The Board reserves to itself the authority for a subsequent review of approved capital budget projects with a value greater than \$5,000,000 prior to the award of construction contracts." The project information sheets for the Folwell Hall Interior Renovation Project on the Twin Cities Campus and the Griggs Hall Addition Project on the Duluth Project are attached.

Wind Energy Research project at UMore Park

The purpose is to provide background information on the wind energy research project in the context of the vision for the UMore Park property, and includes details on the U.S. Department of Energy-managed environmental assessment process. A summary of the project and the environmental review is attached.

Background Information:

Information Items are intended to provide the Board of Regents with information needed for them to perform their oversight responsibilities.

**University of Minnesota
Final Review of Capital Projects over \$5 Million
Folwell Hall Interior Renovation, Twin Cities Campus (#01-022-08-1102)**

Policy Summary:

According to Board of Regents Policy *Reservation and Delegation of Authority*, Article I, Section VIII, Subdivision 9, "The Board reserves to itself the authority for a subsequent review of approved capital budget projects with a value greater than \$5,000,000 prior to the award of construction contracts."

Project Summary:

The renovation of Folwell Hall (111,500 gross square feet) will accomplish the following:

- Demolition of interior with the exception of historic elements on the first floor and the marble staircases.
- Interior reconstruction consisting of the following:
 - Historic elements will be restored
 - New energy efficient windows.
 - Demountable wall system.
 - Two new elevators and two additional staircases.
 - Replacement of ventilation, heating, electrical power, lighting, telephone and data.
 - New life safety systems – fire alarm and fire sprinkler systems.
 - Accessible toilet rooms on all floors.
 - Classrooms provided with technology rich learning environments.
 - Faculty libraries, conference and seminar rooms for collaboration
 - Departmental shared administration spaces

Board of Regents Approval Summary:

Six-Year Plan: December 2009 as a part of the 2010 – 2015 Six-Year Plan
 Capital Budget: June 2010 as a part of the FY2011 Capital Budget
 Schematic Plans: March 2010

Project Team:

Architect/Engineer Team: Miller Dunwiddie Architecture
 Construction Manager: McGough Construction

Project Budget:

Funding Identification	Total
State of Minnesota General Obligation Bonds	\$ 23,000,000
University of Minnesota General Obligation Bonds	11,500,000
Total	\$34,500,000

Project Schedule:

Begin Construction: Summer 2010
 Substantial Completion: Summer 2011

Consistency of project with approved scope, schedule and budget:

Yes No

**University of Minnesota
Final Review of Capital Projects over \$5 Million**

Griggs Hall Addition, Duluth Campus, Project #03-541-10-1052

Policy Summary:

According to Board of Regents Policy *Reservation and Delegation of Authority*, Article I, Section VIII, Subdivision 9, "The Board reserves to itself the authority for a subsequent review of approved capital budget projects with a value greater than \$5,000,000 prior to the award of construction contracts."

Project Summary:

Construct an approximate 69,560 square foot addition to the Griggs Hall freshman dormitory to provide 280 beds as traditional two residents per room with ancillary spaces. The ancillary spaces include study areas, lounges, laundry, mail distribution, resident storage and lobby circulation. The full building utility infrastructure will include heating ventilation and air conditioning, emergency power, information technology infrastructure, elevators, stairways, security systems with surveillance of public spaces, and fire detection/suppression systems.

Board of Regents Approval Summary:

Capital Budget: June 2009 as a part of the FY2010 Capital Budget
Schematic Plans: March 2010

Project Team:

- Architect: Elness, Swanson, Graham Architects, Minneapolis
- Construction Manager: Johnson Wilson Constructors, Duluth, Minnesota

Project Budget:

Funding Identification	Total
University Debt	\$ 12,000,000.
UMD Auxiliary Services	2,000,000.
Total	\$14,000,000.

Project Schedule:

Begin Construction: Spring 2010
Substantial Completion: Summer 2011

Consistency of project with approved scope, schedule and budget:

Yes No

University of Minnesota Wind Energy Research project at UMore Park

Project Overview:

The U.S. Department of Energy (DoE) announced its award of \$7.9 million to the University of Minnesota on Oct. 15, 2009, for wind energy research that supports the DoE's goal to increase the wind power contribution to the U.S. electricity supply to 20% by 2030. The University is one of three institutions to receive this competitive award. Others are University of Maine (Orono) and the Illinois Institute of Technology (Chicago). The project is supported by funds appropriated by the American Recovery and Reinvestment Act of 2009. The Act's purpose is to stimulate the economy and create and retain jobs.

The project is an industry/academy consortium led by principal investigator and project director Fotis Sotiropoulos, James L. Record Professor and Director of the St. Anthony Falls Laboratory, Department of Civil Engineering, College of Science and Technology. Objectives of the University-led consortium are:

- **Research.** Research, testing and field-scale demonstration of cutting-edge turbine technologies via the installation of a 2.5 megawatt wind turbine will result in innovation that can reduce the cost of wind energy through increased reliability, more durable component parts and more efficient operations.
- **Education.** A flexible, internet-based curriculum on wind energy will be used to train University students, practicing engineers, and graduate and undergraduate students across the United States.

Research consortium partners include the University of Minnesota, Twin Cities; Syracuse University; Dakota County Technical College; Clipper Windpower; Barr Engineering; Lockheed Martin; 3M; WindLogics, Sandia National Laboratories; and the National Renewable Energy Laboratory.

The approximately 400-foot tall turbine will be built on the eastern boundary of the UMore Park property, uniquely situated to fulfill requirements of the award. The project is consistent with the concept master plan for the UMore Park property, and has a commitment for the location on the property for 15 years. The DoE award is for two years.

The project, with energy research and education components, supports the University's vision to create a sustainable community on its 5,000-acre property with emphases on energy, environmental quality, education, health and economic development in the region. The integration of these and other University strengths in research, education and public engagement throughout planning and development of the property will make the new community distinctive and unique in the nation, while providing models that can be replicated elsewhere.

Environmental Review Process

Pursuant to the requirements of the National Environmental Policy Act (NEPA), the Council on Environmental Quality regulations for implementing the procedural provision of NEPA (40 CFR Parts 1500-1508), and DOE's implementing procedures for compliance with NEPA (10 CFR 1021), DOE is preparing a draft Environmental Assessment (EA) to:

- Identify any adverse environmental effects that cannot be avoided should this proposed project be implemented.
- Evaluate viable alternatives to the proposed project.
- Describe the relationship between local short-term uses of the environment and the maintenance and enhancement of long-term productivity.
- Characterize any irreversible and irretrievable commitments of resources that would be involved should this proposed project be implemented.

Through a competitive process, a design/build contract was awarded to Ryan Companies, US, Inc., in April 2010. Barr Engineering, Inc., a Ryan subcontractor to the project, is conducting the field work required by the EA. The DOE serves as the Responsible Governmental Unit for the EA, and oversight of the EA is provided by the DOE-approved contractor HDR Engineering, Inc.

No Environmental Assessment Worksheet or Environmental Impact Statement is required under state law in connection with the project and, accordingly, the Board of Regents has no responsibilities with respect to the EA. The University, as proponent of the project and owner of the site, has an interest in the EA and, in particular, in the mitigations recommended, if any, and will comment as provided by law. Comments on the scope of the EA must be submitted to the DOE Field Office in Golden, Colorado, by June 25, 2010

Previous Board of Regents Review

The Board of Regents has received updates on the UMore Park property from the administration and acted as follows:

November 10, 2005: Board of Regents work session – “Realizing the Mission: Financing Strategies for University Assets”

November 9, 2006: Received UMore Park report “Creating the Vision: The Future of UMore Park,” with land use options and final recommendations

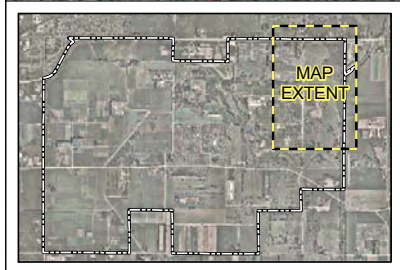
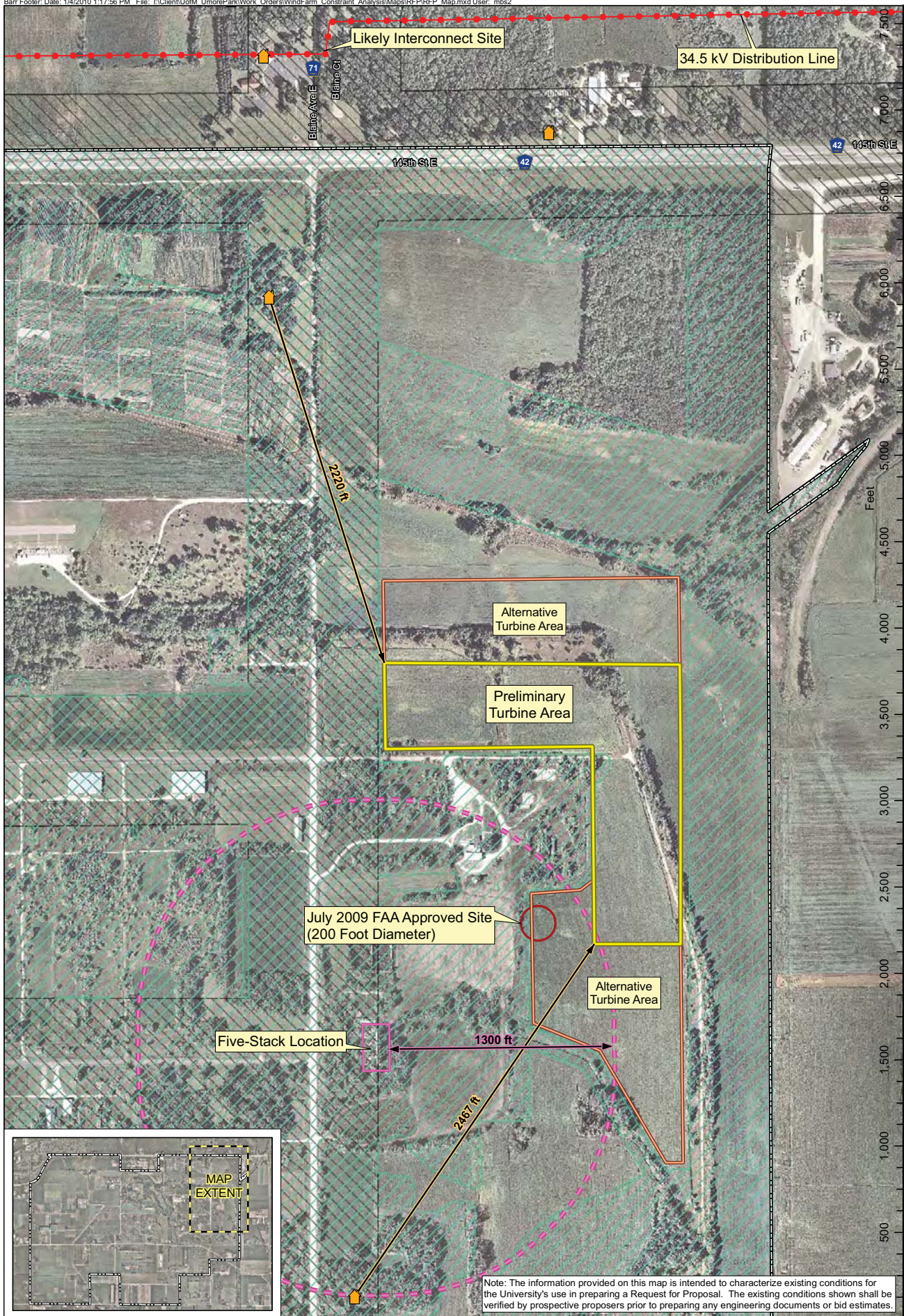
December 8, 2006: Adopted resolution related to the planning for the development of UMore Park

June 12, 2006: Board of Regents work session – “UMore Park: Update and status”

December 12, 2008: Adopted resolution to affirm the UMore Park concept master plan and create a governance structure and legacy fund.

October 10, 2009: Adopted resolution to approve the articles of organization of the UMore Development Limited Liability Company (LLC) and create the UMore Park Legacy Fund.

December 11, 2009: Approved nine individuals as the Board of Governors for the UMore Development Limited Liability Company.



Note: The information provided on this map is intended to characterize existing conditions for the University's use in preparing a Request for Proposal. The existing conditions shown shall be verified by prospective proposers prior to preparing any engineering documents or bid estimates.

- Preliminary Turbine Area
- Alternative Turbine Area
- UMore Park Boundary
- Approximate Xcel Energy 34.5 kV Distribution Line (RMT311)
- 🏠 Surrounding Residences
- Five-Stack Location
- GOW Avoidance Area
- Dakota Co. Roadways/Railroad Buffer

