

7.C Facilities Data



MSU Mankato - Facility Survey and Report for a Title II Self Evaluation and Transition Plan

Introduction and general information about facility and accessible route surveys and reports:

This report has been prepared by LCM Architects. The information is based on Title II of the Americans with Disabilities Act (<http://www.ada.gov/reg2.html>) and the ADA Standards for Accessible Design of 1994 (<http://www.ada.gov/stds.pdf>). Title II prohibits discrimination on the basis of disability in all services, programs, and activities provided to the public by State and local governments. Where it is determined that barriers must be removed to provide access to service, programs and activities the ADA Standards are accepted by the Department of Justice as the minimum standard to achieve access. The report which follows indicates barriers that were apparent to the reviewer from a July 2010 survey of the campus.

The survey and report are based on the current ADA Standards (1994). On July 23, 2010, Attorney General Eric Holder signed final regulations revising the Department's ADA regulations, including its ADA Standards for Accessible Design. The new ADA Standards will be used exclusively starting in early 2012 (the date is expected to be published in the Federal Register very soon); until that time either standard may be used. There are some variations between the current (1994) and the new Standards, but it is not likely that these will impact the findings in this report. However, the new Standards may be required when modifications to non-compliant elements are made. This would be noted when recommendations are developed and added to the report.

The ADA Standards outline minimum requirements for accessible parking, an accessible route to each covered facility and amenities, access to classrooms and activities, dormitory housing, and access to all programs and services provided by the University. The ADA Standards provides minimum requirements for new construction and alterations in Sections 4.1.1, 4.1.2, 4.1.3 and 4.1.6. These sections provide the basic scope and the remaining sections provide the minimum standards. The following sections from the ADA Standards for Accessible Design apply to exterior routes, parking and facilities at MSU Mankato:

- Section 4.1.1 Minimum Requirements - provides general information about where the standards are required and exceptions
- Section 4.1.2 Accessible Sites and Exterior Facilities: New Construction - provides the scope of work for exterior constructions
- Section 4.1.3 Accessible Buildings: New Construction - provides the scope of work for new buildings
- Section 4.1.4 NA
- Section 4.1.5 Accessible Buildings: Alterations - provides the scope of work for additions and indicates that an accessible must be provided
- Section 4.1.6 Accessible Buildings: Alterations - provides three important messages:
 - a.) alterations must meet new construction standards with exceptions and limitations noted
 - b.) alterations to a primary function may also require alterations to the route to that space to make the route (including toilet rooms) accessible
 - c.) special technical provisions allow variation in standards for some elements
- Sections 4.1.7 Accessible Buildings: Historic - provides scope and potential variations for historic structures
- Section 4.2 - 4.35 - Accessibility Standards
- Section 5 Restaurants and Cafeterias - scope and standards
- Section 6 Medical Care Facilities - scope and standards
- Section 7 Business and Mercantile - scope and standards
- Section 8 Libraries - scope and standards
- Section 9 Accessible Transient Lodging - scope and standards for dormitories
- Section 10 Transportation Facilities - scope and standards

Following are general comments that apply to the entire campus; details for each building, parking areas and exterior routes are provided on the following pages:

Element	Describe Barrier or Condition	Applicable ADA Standard	Recommended Action	Comments	
General Comments					
1	Signage	There is no signage at inaccessible entrances indicating the location of the accessible building entrances.	ADA Standards Section 4.1.6 (1)(h)	Directional signage should be provided at inaccessible entrances indicating the location of the accessible entrance.	If every entrance to a facility is accessible, it is not necessary to provide directional signage at building entrances.
2		There is no signage at inaccessible toilet rooms indicating the location of accessible toilet rooms.	Section 4.1.6 (3)(e)(iii)	Signs must be provided at non-accessible toilet rooms indicating the location of the nearest accessible toilet room.	If every toilet room in the facility is accessible, directional signage is not required.
3		There is no signage at inaccessible fountains indicating the location of accessible drinking fountains.	NA	Signs is recommended at non-accessible fountains indicating the location of the nearest accessible drinking fountain	This is not indicated in the standards, but has been required by the Department of Justice in Settlement Agreements outlining minimum requirements.
4	Doors	Many interior doors require more than 5# of force to open.	Sections 4.13.10 and 4.13.11	Interior doors along accessible routes (except rated fire doors) must take no more than 5# of force to open.	Toilet rooms, classrooms and departmental office would have the highest priority.
5	Toilet Rooms	Many toilet rooms have 36" wide stalls that are 60" - 66" deep with grab bars, sinks with required knee clearance and some additional accessible elements. However, 60" wide x 56 - 59" wide stalls are preferred to meet accessibility standards. The alternate stalls are acceptable only if it is technically infeasible to provide a standards stall or unisex toilet room.	Section 4.1.6 (3) (e)(i) to (iii)	In recent Settlement Agreements the DOJ has allowed one compliant toilet room in each building. At least one standard must be provided accessible stall. If this is technically infeasible, a unisex stall may be provided; and if that is not feasible, a compliant alternate stall may be provided.	Some buildings, due to their function, size or populations may required more than one accessible toilet room.
6	Classrooms, Lecture Rooms, and Meeting Rooms and Spaces	Non-accessible classrooms: door clearance, hardware, maneuvering space, tablet type desk, knee clearance at computer tables, lecture room with fixed chairs, visual alarms, signage and assistive listening systems.	Title II	If the class can be moved to an accessible location to meet the needs of all students, it may not be necessary to modify every classroom and every lecture room.	Reports with non-compliant classrooms indicate modifications needed, but this must be reviewed with department and provost office to determine essential classrooms to be modified.
7	Reach Range and clear floor space	Reach ranges and clear floor space in front of outlets, controls, fixtures, shelves, hooks, dispensers, vending machines, food and beverage choices, cutlery, condiments, etc.	Sections 4.2.4 to 4.2.6	54" is allowed where side approach is possible, but 48" is recommended as the maximum reach range.	48" is required by the new ADA Standards and complies with local code (ANSI). A 30" x 48" clear floor space must be provided at each of these elements.
8	Protruding Objects	Objects protrude more than 4" and above 27" AFF into the circulation route in many locations.	Section 4.4.1 and 4.4.2	Remove or relocate objects that protrude more than 4" and are between 27" and 80" AFF. It is also acceptable to provide a fixed barrier that would be cane detectable.	The circulation route used by individuals with limited vision is typically along the walls in corridors and spaces and along the edge of walkways and stairs. Objects that protrude more than 4" are hazardous.
9	Accessible Routes	Curb ramps throughout campus are not accessible.	Section 4.7 with Figure 11	The accessible route may need to be modified or relocated. Compliant curb ramps are a critical element.	Curb ramps must meet minimum standards: 8.3% maximum slope for the ramp, the gutter pan is an extension of the ramp at 8.3% maximum and must have a flush transient to the counter slope of 5% maximum which extends into the street.

MSU Mankato - Facility Survey and Report for a
Title II Self Evaluation and Transition Plan



This report has been prepared by LCM Architects. The information is based on Title II of the Americans with Disabilities Act (<http://www.ada.gov/reg2.html>) and the ADA Standards for Accessible Design of 1994 (<http://www.ada.gov/stdspdf.htm>). The report which follows indicates barriers that were apparent to the reviewer from a July 2010 survey of the campus.

Building	Location	Element	Describe Barrier or Condition
Alumni Foundation	First Floor	Entrance from Parking Area	There is 3/4" change of level with a cap of 1 1/2" between the entrance walkway and the parking surface.
Alumni Foundation	First Floor	General Issues	Signs for various offices and spaces are located on the hinge side and should be on the latch side of the door with the centerline at 60" AFF.
Alumni Foundation	First Floor	Women's Toilet Room - First Floor	The sign is correctly mounted on the latch side and indicates that the room is accessible with the international symbol of accessibility. But the toilet room is not wheelchair accessible.
Alumni Foundation	First Floor	Women's Toilet Room - First Floor	There is no insulation on the supply and water lines at the sinks.
Alumni Foundation	First Floor	Women's Toilet Room - First Floor	There is a 36" wide toilet stall with grab bars on both sides, but no standard stall.
Alumni Foundation	First Floor	Women's Toilet Room - First Floor	The pull side clearance at the door is 13 1/2" and should be 18" minimum.
Alumni Foundation	First Floor	Women's Toilet Room - First Floor	The sign is correctly mounted on the latch side and indicates that the room is accessible with the international symbol of accessibility. But the toilet room is not wheelchair accessible.
Alumni Foundation	First Floor	Women's Toilet Room - First Floor	There is no insulation on the supply and water lines at the sinks.
Alumni Foundation	First Floor	Women's Toilet Room - First Floor	There is a 36" wide toilet stall with grab bars on both sides, but no standard stall.
Alumni Foundation	First Floor	Women's Toilet Room - First Floor	There is no urinal at 17" AFF.
Alumni Foundation	First Floor	Women's Toilet Room - First Floor	The pull side clearance at the door is 13" and should be 18" minimum.
Alumni Foundation	First Floor	Drinking Fountain - 1st and 2nd Floors	The spout is at 37" and 42" AFF and should be no higher than 36".
Alumni Foundation	First Floor	Kitchenette	The common area sink is 36" AFF and should be no higher than 34" AFF.
Alumni Foundation	First Floor	Elevator	There are no signs on the hoistway indicating the floor.
Alumni Foundation	Second Floor	Men's and Women's Toilet Rooms	Neither toilet room is accessible. Stalls and clearances are not compliant.
Andreas	General	Telescopes in each Observatory	The main telescope in each observatory is not accessible: the doors have a 6" curb and do not have 32" clear opening. The telescopes do not descend to allow a person in a wheelchair to use the lenses; the lense is reached via a small metal stair.

MSU Mankato - Facility Survey and Report for a
Title II Self Evaluation and Transition Plan

Building	Location	Element	Describe Barrier or Condition
Andreas	General	Route to each Observatory	The access from the asphalt road to the concrete pad where telescopes are placed at Standeford and the access to the route at Andreas crosses an unpaved area. Students and the public do not generally drive to the observatories.
Andreas	General	Men's and Women's Toilet Rooms	The room identification signs do not have Braille and raised characters.
Andreas	General	Men's and Women's Toilet Rooms	The side grab bar is located at 28" AFF.
Andreas	General	Men's and Women's Toilet Rooms	There is no insulation on the supply and waste line at the sinds.
Andreas	General	Ramp to the Observatory	The upper part of the ramp slope at 5.5 - 7% and has no handrails or level area at the bottom where the ramp connects to the sloped walkway.
Andreas	General	The deck at the Observatory Entrance	The wood decking is not stable and straight.
Andreas	General	Door to the Observatory	There is a six inch curb from the deck to the observatory floor.
Armstrong	General	Door Hardware	Classroom and office doors have round knob hardware.
Armstrong	General	Signage at Toilet Rooms	Toilet Rooms throughout the building are not accessible, but signs indicate that they are.
Armstrong	General	Signage at Water Fountains	Some water fountains are accessible and some are not.
Armstrong	Basement	Room 29	All of the desks in this classroom have tablet type arms.
Armstrong	Basement	Room 29	The counters with computer terminals have 24 3/4" knee clearance.
Armstrong	Basement	Geography Tables	Wood geography tables piled in hallways do not have required knee clearance.
Armstrong	Basement	Toilet rooms and other spaces	This level was under construction at the time of the survey.
Armstrong	First Floor	Unisex Toilet Room	One hook is provided at 60" AFF
Armstrong	First Floor	Lecture Room 101 - 165 seats and 4 wheelchair locations	Space is provided in the back to accommodates four wheelchairs, two on each side. However they are not located with fixed companion seats.
Armstrong	First Floor	Lecture Room 101 - 165 seats and 4 wheelchair locations	All the fixed seats have tablet arms and electrical outlets for computers, but there is no writing surface and power provided for the wheelchair locations.
Armstrong	First Floor	Lecture Room 101 - 165 seats and 4 wheelchair locations	There is no indication that assistive listening devices are provided.
Armstrong	First Floor	Lecture Room 102 - 100 seats and 3 wheelchair locations	Four wheelchair locations with fixed companion seats are required.
Armstrong	First Floor	Lecture Room 102 - 100 seats and 3 wheelchair locations	Space provided for wheelchairs is in the back of the classroom. There is a flat area that will accommodate three wheelchairs, but fixed companion seats are not provided adjacent to each wheelchair location.
Armstrong	First Floor	Lecture Room 102 - 100 seats and 3 wheelchair locations	All the fixed seats have tablet arms and electrical outlets for computers, but there is no writing surface and power provided for the wheelchair locations.
Armstrong	First Floor	Lecture Room 102 - 100 seats and 3 wheelchair locations	There is no indication that assistive listening devices are provided.

MSU Mankato - Facility Survey and Report for a
Title II Self Evaluation and Transition Plan

Building	Location	Element	Describe Barrier or Condition
Armstrong	First Floor	Drinking fountains	The drinking fountain at the copy area is accessible, the others are not.
Armstrong	First Floor	Men's and Women's Toilet Rooms	Maneuvering clearance is not provided at the entrances and the fixtures are not compliant.
Armstrong	First Floor	Men's and Women's Toilet Rooms	Signage on the door indicates that the toilet rooms are accessible, but they are not.
Armstrong	Second Floor	Display case at Room #225	The display case protrudes 15" at 40" AFF.
Armstrong	Second Floor	Drinking fountains	The drinking fountain at the copy area is accessible, the others are not.
Armstrong	Second Floor	Men's and Women's Toilet Rooms	Maneuvering clearance is not provided at the entrances and the fixtures are not compliant.
Armstrong	Second Floor	Men's and Women's Toilet Rooms	Signage on the door indicates that the toilet rooms are accessible, but they are not.
Armstrong	Third Floor	Drinking fountains	The drinking fountains are not compliant.
Armstrong	Third Floor	Men's and Women's Toilet Rooms	Maneuvering clearance is not provided at the entrances and the fixtures are not compliant.
Armstrong	Third Floor	Men's and Women's Toilet Rooms	Signage on the door indicates that the toilet rooms are accessible, but they are not.
ASA	Main Floor and Entrance Level	Building/Site Entrance	There are no signs indicating the location of the main accessible entrance when entering the site from the main street.
ASA	Main Floor and Entrance Level	Building/Site Entrance	There is accessible parking on the east and west sides of the building. It is not clear which door is to be used at the east side where there is a ramp to the upper level club room and a door into the main area. Neither door is marked or identified.
ASA	Main Floor and Entrance Level	West Entrance	The entrance has a walkway from the parking area that slopes at 6.3%. There are no handrails and no level area at the door.
ASA	Main Floor and Entrance Level	West Lobby Area	The ticket window is at 42" AFF.
ASA	Main Floor and Entrance Level	West Lobby Area	There is a container for defibrillator equipment mounted on the wall. It protrudes 6" into the circulation route with the bottom edge at 65" AFF.
ASA	Main Floor and Entrance Level	West Lobby Area	There is no compliant room identification signage at the doors.
ASA	Main Floor and Entrance Level	North Rink	The accessible ramp into the bleachers has a handrail on one side only.
ASA	Main Floor and Entrance Level	Women's Locker Room #101	The lockers all have hooks at 51" but they are more than 10" back and shelves are above 54". Benches at 17" have storage bins below 9" AFF.
ASA	Main Floor and Entrance Level	Women's Locker Room #101	Sinks in the toilet room do not have insulation on the supply and waste lines.
ASA	Main Floor and Entrance Level	Women's Locker Room #101	The knee space at the sinks is 25 1/2" and should be 27" AFF to 8" back.
ASA	Main Floor and Entrance Level	Women's Locker Room #101	The soap dispenser is located on the side wall above the sink at 50" AFF and more than 10" back.
ASA	Main Floor and Entrance Level	Women's Locker Room #101	There is no accessible toilet stall.
ASA	Main Floor and Entrance Level	Women's Locker Room #101	Hand dryers in the entrance to the toilet room protrude into the circulation area.

MSU Mankato - Facility Survey and Report for a
Title II Self Evaluation and Transition Plan

Building	Location	Element	Describe Barrier or Condition
ASA	Main Floor and Entrance Level	Women's Locker Room #101	There is no accessible shower stall - it is one large shower area.
ASA	Main Floor and Entrance Level	Women's Locker Room #101	Hooks and shelves for coats at the rear entrance are above 54" AFF; none are within reach range.
ASA	Main Floor and Entrance Level	Men's Locker Room #103	The lockers all have hooks at 51" but they are more than 10" back and shelves are above 54". Benches at 17" have storage bins below 9" AFF.
ASA	Main Floor and Entrance Level	Men's Locker Room #104	Sinks in the toilet room do not have insulation on the supply and waste lines.
ASA	Main Floor and Entrance Level	Men's Locker Room #105	The soap dispenser is located on the side wall above the sink at 50" AFF and more than 10" back.
ASA	Main Floor and Entrance Level	Men's Locker Room #106	There are two urinals but both are above 17" AFF.
ASA	Main Floor and Entrance Level	Men's Locker Room #107	There is no accessible toilet stall. One is 66" long and has grab bars but is a "walk-in" type stall. And the accessible route to the stall is blocked with a storage unit.
ASA	Main Floor and Entrance Level	Men's Locker Room #108	There is no accessible shower stall - it is one large shower area.
ASA	Club Room	Men's and Women's Single Occupancy Toilet Rooms at the club room level	There are single occupancy men's and women's toilet rooms, but neither is accessible: the doors do not have 32" clear opening, no compliant hardware, there is no turning space, compliant toilet and grab bars, and the sink is not compliant.
ASA	Club Room	South Rink Seating Area	There is a ramp to the south side bleachers of the South Rink stands, but it is sloped at 8% and has a handrail on one side only.
ASA	Club Room	South Rink Seating Area	The bleachers were closed so it could not be determined whether or not there were spaces for wheelchairs adjacent to companion seating and whether or not there are a sufficient number of spaces for the number of seats in the arena. .
ASA	South Rink and Vending Area	Women's Toilet Room at the South Rink Vending Area	The room identification signs are located on the door rather than on the latch side and the signs provided do not have raised characters and Braille.
ASA	South Rink and Vending Area	Women's Toilet Room at the South Rink Vending Area	The sinks do not have insulation below.
ASA	South Rink and Vending Area	Women's Toilet Room at the South Rink Vending Area	The soap dispensers are above the sinks at 50" AFF and should be no more than 48" if located less than 20" back.
ASA	South Rink and Vending Area	Women's Toilet Room at the South Rink Vending Area	The towel dispenser protrudes into the circulation route.
ASA	South Rink and Vending Area	Women's Toilet Room at the South Rink Vending Area	There is no accessible stall - a 6'-6" deep ambulatory stall with grab bars has been provided.
ASA	South Rink and Vending Area	Men's Toilet Room at the South Rink Vending Area	The room identification signs are located on the door rather than on the latch side and the signs provided do not have raised characters and Braille.
ASA	South Rink and Vending Area	Men's Toilet Room at the South Rink Vending Area	The sinks do not have insulation below.

MSU Mankato - Facility Survey and Report for a
Title II Self Evaluation and Transition Plan

Building	Location	Element	Describe Barrier or Condition
ASA	South Rink and Vending Area	Men's Toilet Room at the South Rink Vending Area	The soap dispensers are above the sinks at 50" AFF and should be no more than 48" if located less than 20" back.
ASA	South Rink and Vending Area	Men's Toilet Room at the South Rink Vending Area	There is no accessible stall - a 6'-6" deep ambulatory stall with grab bars has been provided.
ASA	South Rink and Vending Area	Water Fountain	The spout is 38" AFF and the barrier below blocks knee clearance.
Blakeslee			No accessible route or wheelchair seating is provided to the visitor's side of the stadium.
Blakeslee			The ticket windows are all at 39" AFF.
Blakeslee			The accessible route to the seating area on the University's side is a ramp sloped at 16.4% with handrails that are less than 31" above the surface of the ramp.
Blakeslee			There are spaces on either side of the home team seating that are approximately 110 - 120" wide. These would each accommodate three wheelchairs. This is unlikely to be sufficient wheelchair seating for the overall number of seats, but the total number of seats is not known.
Blakeslee			There are no companion seats provided in the areas reserved for wheelchair seating.
Blakeslee			The toilet rooms are not accessible. Sinks and dispensers are not within reach range, there is no insulation on pipes and there is no accessible stall.
Blakeslee			Sloped structural members along the walkway to bathrooms and ramps are angled and portions below 80" protrude into the circulation route. The barrier below is above 27" and does not cover the impacted area.
Blakeslee			The parking and routes through the parking area were under construction at the time of the survey.
Ford	First Floor	Water Fountain in Corridor #104	The outside edge of the high fountain is a protruding object at 33" AFF.
Ford	First Floor	Coffee Room #149	Water supply and waste lines under the sink are not insulated.
Ford	First Floor	General Chemistry - Room #110	The eyewash and emergency shower is not within reach range, see above.
Ford	First Floor	Advanced Geosciences - Room #125	Controls for some of the gases at the fume hood are above reach range. See comment #2 above.
Ford	First Floor	Advanced Geosciences - Room #125	The paper towel dispenser is at 52" AFF and should be no more than 48" if back no further than 20" from the front of the counter and 44" if more than 20".
Ford	First Floor	Introductory Earth Science - Room #132	The paper towel dispenser is at 50" AFF and should be no more than 48" if back no further than 20" from the front of the counter and 44" if more than 20".
Ford	First Floor	Introductory Earth Science - Room #132	The eyewash and emergency shower is not within reach range. See comment #1 above.
Ford	Second Floor	Interaction - Area #203	There is a counter at 42" AFF with two computers. No other computers were found in the area.
Ford	Second Floor	Interaction - Area #203	The lower edge of the wheelchair accessible drinking fountain is at 26 1/2" and should be 27" AFF.
Ford	Second Floor	Men's & Women's Toilet Rooms	The paper towel dispensers protrude into the circulation route - project 9" at 46" AFF.
Ford	Second Floor	Men's & Women's Toilet Rooms	Hooks in the accessible stalls are at 64" AFF.
Ford	Second Floor	Men's & Women's Toilet Rooms	Soap dispensers in the women's toilet room were 48 1/2" AFF and should be 48".

MSU Mankato - Facility Survey and Report for a
Title II Self Evaluation and Transition Plan

Building	Location	Element	Describe Barrier or Condition
Ford	Second Floor	Vending Area	The card reader on the machines is mounted at 64" AFF.
Ford	Second Floor	Life Process Chemistry Lab - Rooms #214 and 212	There is no room identification sign at the door - see comment #3 above.
Ford	Second Floor	Life Process Chemistry Lab - Rooms #214 and 212	The eye wash and emergency shower are not within reach range - see comment #1 above.
Ford	Second Floor	Life Process Chemistry Lab - Room #212	The pencil sharpener and emergency phone on the wall protrude into the circulation route. See comment #4 above.
Ford	Second Floor	Faculty Office Area and Conference Room doorways	The room identification signage is on the wall nearby, but separated by the glass panel. To be compliant, the sign must be mounted closest to the latch side of the door.
Ford	Second Floor	Biochemistry Lab and Prep Room - Rooms #234 and 236	There is no room identification sign at the door - see comment #3 above.
Ford	Third Floor	Corridor 303	At the top of the stair there is a work surface with three stools. The table surface is at 42" AFF. There is no surface at 34" maximum.
Ford	Third Floor	Analytical Chemistry Lab and Chemistry Research - Rooms #320 and 322	There is no room identification sign at the door - see comment #3 above.
Ford	Third Floor	Eyewash at Solvent Room #324	The eye wash and emergency shower are not within reach range - see comment #1 above.
Highland Complex	First Floor	Myers Marketplace	There is a counter with four computers in the eating area and the surface is at 42" AFF. No computer at a 34" maximum height counter was found.
Highland Complex	First Floor	Myers Marketplace	Vending machines have card readers that are higher than 54" AFF.
Highland Complex	First Floor	Myers Marketplace	The market was closed, but food choices on shelves that were visible are located higher than 54" AFF.
Highland Complex	First Floor	Drinking Fountain in Hallway 1100	The fountain protrudes into the circulation route. The bottom is 30" AFF and should be no more than 27" and the spout is at 38 3/4" and should be no more than 36" AFF.
Highland Complex	First Floor	Toilet Rooms	These areas were closed and not available for survey.
Highland Complex	First Floor	Locker Rooms	These areas were closed and not available for survey.
Highland Complex	First Floor	Pool	These areas were closed and not available for survey.
Highland North	First Floor	Drinking Fountain - north end of main corridor	The bottom of the fountain is 26" AFF and should be 27" to provide knee space and to be a detectable barrier in the circulation route.
Highland North	First Floor	Men's Toilet Room - north end of main corridor	The room identification signage is located in the corridor and should be on the wall at the pull side of the door. The sign has the international symbol for accessibility, but the toilet room is not accessible.
Highland North	First Floor	Men's Toilet Room - north end of main corridor	The pull side clearance for the door is 14" and should be 18" minimum.
Highland North	First Floor	Men's Toilet Room - north end of main corridor	There is no insulation on the lavatory supply and waste lines.
Highland North	First Floor	Men's Toilet Room - north end of main corridor	The low urinal is 19 1/2" AFF and should be no more than 17" AFF.
Highland North	First Floor	Men's Toilet Room - north end of main corridor	A stall is provided with grab bars, but it is 40" wide.
Highland North	First Floor	Men's Toilet Room - north end of main corridor	The route to the toilet stall with grab bars is 32" due to the location of the lavatory. This reduces the maneuvering clearance for the door which should be 42" minimum.

MSU Mankato - Facility Survey and Report for a
Title II Self Evaluation and Transition Plan

Building	Location	Element	Describe Barrier or Condition
Highland North	First Floor	Defibrillator in main corridor	The defibrillator box projects from the wall 6 1/2" at 40" AFF in the circulation route.
Highland North	First Floor	Women's Toilet Room - north end of main corridor	The room identification signage is located in the corridor and should be on the wall at the pull side of the door. The sign has the international symbol for accessibility, but the toilet room is not accessible.
Highland North	First Floor	Women's Toilet Room - north end of main corridor	The pull side clearance for the door is 17" and should be 18" minimum.
Highland North	First Floor	Women's Toilet Room - north end of main corridor	There is no insulation on the lavatory supply and waste lines.
Highland North	First Floor	Women's Toilet Room - north end of main corridor	The route to the toilet stall with grab bars is 33" due to the location of the lavatory. This reduces the maneuvering clearance for the door which should be 42" minimum.
Highland North	First Floor	Women's Toilet Room - north end of main corridor	The paper towel dispenser is locate at 65" AFF and should be no more than 48" as it is front approach.
Highland North	First Floor	Women's Locker Room	There are no accessible lockers. The high lockers have a shelf and hook at 63 - 64" and lower shelf at 6" AFF. The lower half lockers have a hook within reach range at 39", but a lower shelf at 6" AFF.
Highland North	First Floor	Women's Locker Room	The accessible toilet stall has the water closet in line with the door, but the door must be in the opposite corner of the front wall of the stall.
Highland North	First Floor	Women's Locker Room	The hook on the door of the accessible stall is at 58" AFF.
Highland North	First Floor	Women's Locker Room	The paper towel and hand dryers in the toilet/lavatory area project 8" into the circulation route at approximately 44" AFF.
Highland North	First Floor	Women's Locker Room	A roll-in type shower stall is provided, but the controls are on the front wall and not the side wall as required.
Highland North	First Floor	Women's Locker Room	The shelves at the mirrors in the shower room project 8" into the circulation route at 34" and 40" AFF.
Highland North	First Floor	Men's Locker Room	There are no accessible lockers. The high lockers have a shelf and hook at 63 - 64" and lower shelf at 6" AFF. The lower half lockers have a hook within reach range at 39", but a lower shelf at 6" AFF.
Highland North	First Floor	Men's Locker Room	The paper towel and hand dryers in the toilet/lavatory area project 8" into the circulation route at approximately 44" AFF.
Highland North	First Floor	Men's Locker Room	The accessible toilet stall has the water closet in line with the door, but the door must be in the opposite corner of the front wall of the stall.
Highland North	First Floor	Men's Locker Room	The hook on the door of the accessible stall is at 58" AFF.
Highland North	First Floor	Men's Locker Room	A roll-in type shower stall is provided, but the controls are on the front wall and not the side wall as required.
Highland North	Second Floor	Defibrillator and Emergency Phone - in main corridor	The defibrillator box projects from the wall 6 1/2" at 40" AFF and the phone project 5" at 46" AFF in the circulation route of the main hallway.
Highland North	Second Floor	Recreation, Parks and Leisure Services Office #213 and the Dance Room #225	There is no room identification signage.
Highland North	Second Floor	Recreation, Parks and Leisure Services Office #213 and the Dance Room #225	The door has round knob hardware.
Library	Basement West Side	Classrooms# 0101 -0111, Equipment Room #0088, Study Rooms #0118 - 0125 and Testing Rooms #0132A, B & C	No room identification signs are provided.
Library	Basement West Side	Toilet Rooms	Under construction and could not be evaluated.

MSU Mankato - Facility Survey and Report for a
Title II Self Evaluation and Transition Plan

Building	Location	Element	Describe Barrier or Condition
Library	Basement West Side	Common Area Sink	The sink and countertop is at 36" AFF and should be no more than 34" AFF.
Library	Basement West Side	Common Area Sink	The soap dispenser is at 48" AFF and should be no more than 44".
Library	Basement West Side	Common Area Sink	The towels are at 50" AFF and should be no more than 48" if they are less than 20" Back.
Library	Basement East Side	Room Identification Signage	Required room identification signs are not provided for offices and study rooms.
Library	Basement East Side	Study Rooms #0134 - 0169	Doors have knob hardware
Library	Basement East Side	Study Rooms #0134 - 0169	Door clear opening is 20".
Library	Basement East Side	Group Study Booths	The groups study areas with computer terminals are up one stair.
Library	Basement East Side	Women's Toilet Room	The room identification sign has the international wheelchair symbol indicating that it is accessible, but it is not.
Library	Basement East Side	Women's Toilet Room	There is a stall with grab bars that is 36" wide. The configuration of the bars is a horizontal bar that turns into a vertical bar.
Library	Basement East Side	Women's Toilet Room	The sinks do not have insulation on supply and waste lines.
Library	Basement East Side	Women's Toilet Room	The outlet for the paper towel is at 60" AFF.
Library	Basement East Side	Women's Toilet Room	A shelf is mounted on the wall that projects 12" and is higher than 27" AFF.
Library	Basement East Side	Men's Toilet Room	The room identification sign has the international wheelchair symbol indicating that it is accessible, but it is not.
Library	Basement East Side	Men's Toilet Room	The sinks do not have insulation on supply and waste lines.
Library	Basement East Side	Men's Toilet Room	The outlet for the paper towel is at 60" AFF.
Library	Basement East Side	Men's Toilet Room	There are three urinals; none are at 17" or less.
Library	Basement East Side	Men's Toilet Room	There is a stall with grab bars that is 36" wide. The configuration of the bars is a horizontal bar that turns into a vertical bar.
Library	Basement East Side	Men's Toilet Room	A shelf is mounted on the wall that projects 12" and is higher than 27" AFF.
Library	General	Elevators	There are two elevators and no hall lanterns to indicate the elevator has arrived and the direction.
Library	General	Pencil Sharpeners	Sharpeners project 5" into the circulation route throughout the building. Heights vary, but all are above the detectable range of 27".
Library	General	Study Carrels	The knee clearance for a typical carrel is 25" AFF. This is the case on all levels.
Library	General	Signage	Room identification signage is missing through the building and required directional signage is missing.
Library	First Floor	Women's Toilet Room	The sinks do not have insulation on supply and waste lines.
Library	First Floor	Women's Toilet Room	The paper towel dispenser projects 8" at 48" AFF into the circulation area.
Library	First Floor	Women's Toilet Room	Mirrors above the sinks are at 46" AFF and should be no more than 40" AFF to the reflecting surface.
Library	First Floor	Women's Toilet Room	The flush valve on the water closet in the accessible stall is on the inside and should be on the wide side of the wc.
Library	First Floor	Women's Toilet Room	The side grab bar is 29 1/2" to the centerline and should be 33 - 36" AFF.

MSU Mankato - Facility Survey and Report for a
Title II Self Evaluation and Transition Plan

Building	Location	Element	Describe Barrier or Condition
Library	First Floor	Women's Toilet Room	The toilet paper dispenser is 10" above the grab bar and should be at least 12" as long as it is no more than 48" AFF or 1 1/2" below the grab bar.
Library	First Floor	Women's Toilet Room	There are six stalls and no walk-in type stall as required.
Library	First Floor	Women's Toilet Room	There is a mirror and shelf in the circulation route; the shelf is at 34" AFF; the shelf protrudes approx 8".
Library	First Floor	Drinking Fountain	The lower edge is 24" AFF and should provide 27" knee space.
Library	First Floor	Men's Toilet Room	The sinks do not have insulation on supply and waste lines.
Library	First Floor	Men's Toilet Room	The paper towel dispenser projects 8" at 48" AFF into the circulation area.
Library	Second Floor	Study Tables	Tables in the general area have 26 3/4" knee clearance.
Library	Second Floor	Study Tables	Tables in the Minnesota room have 25 1/2" knee clearance and 26 1/2" at newer tables.
Library	Second Floor	Men's and Women's Toilet Rooms	Room identification signs indicate that these toilet rooms are accessible, but they are not.
Library	Third Floor	Library Administration, ITS, Room #3032 and various group study rooms and offices	No room identification sign provided.
Library	Third Floor	Library Administration and ITS Offices	The reception desks are at 43" AFF.
Library	Third Floor	Women's Toilet Room	One hook is provided in the accessible stall at 62" AFF.
Library	Third Floor	Women's Toilet Room	The flush valve at the water closet in the accessible stall is on the inside rather than the wide side of the stall.
Library	Third Floor	Women's Toilet Room	The shelf under the mirror protrudes into the circulation space.
Library	Third Floor	Men's Toilet Room	One hook is provided in the accessible stall at 62" AFF.
Library	Third Floor	Men's Toilet Room	The shelf under the mirror protrudes into the circulation space.
Morris	Dental Lab	Stairway from Main Floor to Basement	The stairway handrail does not have top and bottom extensions and handrails are not continuous. Signage indicates that this is the route to clinic; however there is an elevator with access to the lower level. The elevator is remote and at the basement level is not in a common area, but in the area where maintenance staff keeps equipment.
Morris	Dental Lab	Dental Clinic Entrance	No room identification signage with raised characters and Braille is provided.
Morris	Dental Lab	Reception Desk	The main reception desk is 40" AFF. There is a clip board for sign-in.
Morris	Dental Lab	Unisex Toilet Rooms	There are three non-compliant toilet rooms. Each is approximately 48" x 54" with doors that have 25" clearance.
Morris	Dental Lab	Unisex Toilet Rooms	The toilet rooms do not have room identification signage.
Morris	Dental Lab	Computer Terminals in Main Hallway of Clinic	Computer terminals are on desks with 23" knee clearance.
Morris	Dental Lab	Classroom #MH21	Desks in the classroom either have 24" high, 20" wide knee space or are tablet type desks - none are wheelchair accessible.
Morris	Dental Lab	Classroom #MH21	A pencil sharpen protrudes 5" from the wall at 57" AFF.
Morris	Dental Lab	Classroom #MH21	There are two sinks at the front of the room and both are at 36" AFF.

MSU Mankato - Facility Survey and Report for a
Title II Self Evaluation and Transition Plan

Building	Location	Element	Describe Barrier or Condition
Morris	Dental Lab	Storage & Cleaning Area	The sink and all counters in the storage/work area is at 36" AFF
Morris	Dental Lab	X-ray Rooms	There are three x-ray rooms, but none are accessible. Room #MH7 has keyboard at 37" AFF and Rooms #MH11 & MH 12 do not have an accessible route; the clear opening into the space is 23" wide.
Morris	Dental Lab	Dark Room	All of the counters are at 36" AFF.
Morris	Dental Lab	Dental Lab	As accessible route appears to be provided to the work areas
Morris	Dental Lab	Dental Lab	The hand wash sinks appear to be operated with knee controls and the paper towel dispensers above the sinks are higher than 48" AFF.
Morris	Dental Lab	Operation/Exam Room #MH15	The keyboard is wall mounted and appears to be fixed at 43 1/2" AFF.
Morris	Dental Lab	Operation/Exam Room #MH15	An eyewash station is provided with the outlets at 42" AFF and no front approach.
Morris	Dental Lab	Rear Exit and Route to Elevator	There is no identification at the rear door and directional signage to the elevator.
Morris	First Floor	Building Entrances	The south entrance has a vertical change of level of 3/4".
Morris	First Floor	Building Entrances	The north entrance has cross slope of 4.2%. There is an automatic door operator, but the cross slope is not compliant.
Morris	First Floor	Building Entrances	The west entrance door has a 6% cross slope at the entrance and the route to the door has a running slope of 7.4% without handrails.
Morris	First Floor	Men's and Women's Toilet Rooms #MH117B & C - at center of north/south hallway	Neither toilet room is accessible, but the signs on the latch side of the door have the international symbol for accessibility.
Morris	First Floor	Men's and Women's Toilet Rooms #MH117B & C - at center of north/south hallway	Entrance doors do not have pull side (inside) maneuvering clearance - 18" on pull side and no automatic operator.
Morris	First Floor	Men's and Women's Toilet Rooms #MH117B & C - at center of north/south hallway	There is a stall with grab bars, but it is 36" wide, does not have compliant grab bars and does not have 42" wide clearance to the door.
Morris	First Floor	Men's and Women's Toilet Rooms #MH117B & C - at center of north/south hallway	Towel and sanitary napkin dispensers and a shelf protrude into the circulation path.
Morris	First Floor	Doors to offices in north / south hallway.	Doors have round knob hardware, including door to Room #159, the department office.
Morris	First Floor	Unisex Toilet Stall - Room #MH117	The room identification sign does not have the international symbol for accessibility and should since it is the only accessible toilet room.
Morris	First Floor	Unisex Toilet Stall - Room #MH117	The towel dispenser protrudes 8" into the circulation route at 42" AFF.
Morris	First Floor	Unisex Toilet Stall - Room #MH117	Hooks are provided at 62" AFF.
Morris	First Floor	Lecture Rooms #MH102 & 103 - 88 total seats with 4 wheelchair spaces / 2 companion seats	Each wheelchair location should have a fixed companion seat.
Morris	First Floor	Lecture Rooms #MH102 & 103 - 88 total seats with 4 wheelchair spaces / 2 companion seats	Power is provided at the fixed desks for computers. Movable tables provided for wheelchair locations do not have power.
Morris	First Floor	Men's and Women's Toilet Rooms #MH104A & B - at center of east/west hallway	These toilet rooms are not accessible.
Morris	First Floor	West entrance area	Tables are provided, but they are all at 41" AFF.
Morris	Second Floor	Classrooms #MH 206 - 213 and 215	Doors do not have pull side clearance from the main hallways side.

MSU Mankato - Facility Survey and Report for a
Title II Self Evaluation and Transition Plan

Building	Location	Element	Describe Barrier or Condition
Morris	Second Floor	Classrooms #MH 206 - 213 and 215	Doors have round knob hardware.
Morris	Second Floor	Men's and Women's Toilet Rooms #MH220B & C and MH 224A & C	The toilet rooms are not accessible but signage has international symbol for accessibility.
Morris	Second Floor	Men's and Women's Toilet Rooms #MH220B & C and MH 224A & C	Entrance doors do not have pull side (inside) maneuvering clearance - 18" on pull side and no automatic operator.
Morris	Second Floor	Men's and Women's Toilet Rooms #MH220B & C and MH 224A & C	Lavatories have knee clearance of 25" and there is no insulation on supply and waste lines.
Morris	Second Floor	Men's and Women's Toilet Rooms #MH220B & C and MH 224A & C	Mirrors are at 49" AFF.
Morris	Second Floor	Men's and Women's Toilet Rooms #MH220B & C and MH 224A & C	There is a stall with grab bars, but it is 36" wide, does not have compliant grab bars and does not have 42" wide clearance to the door.
Morris	Second Floor	Men's and Women's Toilet Rooms #MH220B & C and MH 224A & C	Towel and sanitary napkin dispensers protrude into the circulation path.
Morris	Second Floor	Stairway Doors	Doors have round knob hardware.
Morris	Second Floor	Work and Printer Area - #MH202	The computer keyboard at the printer is at 45" AFF and should be mounted no higher than 34" AFF.
Morris	Second Floor	Drinking fountain in north/south hallway - near toilet rooms	The drinking fountain has 25" knee clearance, but the fountain in the east/west hallway is compliant.
Myers	First Floor	Men's and Women's Toilet Rooms	Hand dryers project 8" at 48" AFF into the circulation route.
Myers	First Floor	Water Fountain at west end of main east/west hallway	The lower edge of the wheelchair accessible fountain is 26" AFF and should be 27" AFF.
Myers	First Floor	Track and Sports Seating	The bleachers are open at the ends and are protruding objects in areas over 27", but less than 80" where they project more than 4",
Myers	First Floor	Main Hallway	The defibrillator box projects 8" and is a protruding object in the circulation route.
Myers	First Floor	Main Hallway	The emergency phone projects 5" and is a protruding object in the circulation route.
Myers	First Floor	Main Hallway	The highest control on the vending machines is higher than 54" AFF.
Myers	Second Floor	Lobby, Study Area and Computer Lab	No non-compliant elements found.
Nelson	General	Door Hardware	Most doors throughout the building have knob type hardware.
Nelson	General	Sinks	Hand wash sinks in classrooms are 36" high at the front edge.
Nelson	General	Sinks	Towel dispensers above sinks are higher than 48" AFF.
Nelson	General	Specialized Equipment	Much of the equipment in research labs and in some of the art room is not accessible.
Nelson	General	Signage	Doors to interconnecting spaces do not have room identification signs, i.e. doors in sculpture and ceramics areas or within engineering areas.
Nelson	General	Furniture in Studios	It is not clear that compliant work spaces are provided in all the studios.
Nelson	First Floor	Building Entrances	South Entrance (Lobby 168) - there is vertical change of level of 1/2" where the concrete of the walkway leading to the door has dropped.
Nelson	First Floor	Building Entrances	East Entrance (Lobby 166) - the route leading to this entrance has stairs so this is not accessible.

MSU Mankato - Facility Survey and Report for a
Title II Self Evaluation and Transition Plan

Building	Location	Element	Describe Barrier or Condition
Nelson	First Floor	Building Entrances	North Entrance (Lobby 164) - the ramp leading to the door has cross slope greater than 2%, so the entrance is not now accessible. There is a recessed area for a floor mat with a vertical change of level of 1/2"
Nelson	First Floor	Building Entrances	West Entrance - compliant.
Nelson	First Floor	Sculpture Studio #NH150	The room identification sign is located at the hallway entrance to the door and there is no sign at the door.
Nelson	First Floor	Sculpture Studio #NH151	Doors have round knob hardware.
Nelson	First Floor	Sculpture Studio #NH152	The front edge of both sinks in the sculpture area are 36" AFF and the soap and paper above is 50" AFF.
Nelson	First Floor	Sculpture Studio #NH153	The door to the ceramics studio, #NH145C, does not have maneuvering clearance on the pull side due to shelving and furniture. There is also no room identification signage and the hardware is a knob (see General Issues).
Nelson	First Floor	Ceramics Studio #NH145	At the east door the room identification sign is located at the hallway and there is no sign at the east door.
Nelson	First Floor	Ceramics Studio #NH145	Doors have round knob hardware.
Nelson	First Floor	Ceramics Studio #NH145	The front edge of the sink in the ceramics area is 36" AFF and the soap and paper above 52" AFF. The soap dispenser is back further than 24" and would not be reachable at any
Nelson	First Floor	Men's and Women's Toilet Rooms #NH143 and 144	These are not accessible and the sign correctly omits the international symbol for accessibility. However the signs are located on the hinge side of both doors and should be on the wall at the latch side - the nearest location.
Nelson	First Floor	Men's and Women's Toilet Rooms #NH143 and 144	There is no directional sign to the nearest accessible toilet room.
Nelson	First Floor	Water Fountain	The fountain between these toilet rooms has a spout at 41 1/2" AFF. There is no directional sign to the nearest accessible fountain.
Nelson	First Floor	Water Fountain	The fountain between these toilet rooms has a spout at 41 1/2" AFF. There is no directional sign to the nearest accessible fountain.
Nelson	First Floor	Ramp to north portion of building	The handrails are not compliant: the height is 32" to the top and the handrail is 2" in diameter and should be no more than 1 1/2". There are no handrail extensions.
Nelson	First Floor	Photography Studio #NH2	There is 10" clearance on the pull side of the main entrance door.
Nelson	First Floor	Photography Studio #NH2	The doors has round knob hardware.
Nelson	First Floor	Photography Studio #NH2	The paper towel and soap dispensers over the sink are above 48" and out of reach range.
Nelson	First Floor	Photography Studio #NH2	There are controls for various chemicals used at the sinks that are above reach range.
Nelson	First Floor	Photography Studio #NH2	The film viewing room, #NH2B, does not have a door clear opening of 32", does not have turning space and the counter is at 40" AFF.
Nelson	First Floor	Photography Studio #NH2	The dark room has light controls at 60" AFF, sinks at 36", work counters at 36" and towel dispensers over sinks that are higher than 48" AFF.
Nelson	First Floor	Lecture Room #NH3 - 60 seats provided and 2 wheelchair spaces	There is 10" clearance on the pull side of the main entrance door.

MSU Mankato - Facility Survey and Report for a
Title II Self Evaluation and Transition Plan

Building	Location	Element	Describe Barrier or Condition
Nelson	First Floor	Lecture Room #NH3 - 60 seats provided and 2 wheelchair spaces	The doors has round knob hardware.
Nelson	First Floor	Lecture Room #NH3 - 60 seats provided and 2 wheelchair spaces	It is not clear that companion seating is provided at the wheelchair locations.
Nelson	First Floor	Lecture Room #NH3 - 60 seats provided and 2 wheelchair spaces	ADA Standards require four wheelchair locations.
Nelson	First Floor	Drawing Room #NH4	There is 10" clearance on the pull side of the main entrance door.
Nelson	First Floor	Drawing Room #NH4	The doors has round knob hardware.
Nelson	First Floor	Drawing Room #NH4	Two sinks are provided. The hand washing sink is compliant, but the larger sink is 36" AFF.
Nelson	First Floor	Drawing Room #NH4	Paper towel dispensers above the sinks are above 48" and not within reach range.
Nelson	First Floor	Elevator	There is no signal light to indicate that messages have been received.
Nelson	First Floor	Manufacturing Technology - Room #NH105	The room identification sign is located at the hallway entrance to the door and there is no sign at the door.
Nelson	First Floor	Manufacturing Technology - Room #NH105	One keyboard and one section of counter is compliant. If each keyboard at various desk controls particular programs, they may not be accessible as the knee clearance at some spaces is less than 27" and does not extend 19" back.
Nelson	First Floor	Room #NH104	The room identification sign is located at the hallway entrance to the door and there is no sign at the door.
Nelson	First Floor	Room #NH104	There is no pull side clearance.
Nelson	First Floor	Room #NH104	None of the furniture and fixtures are accessible: work spaces are 38" AFF, the sink and counters are 36" AFF, the eye wash is 45" AFF and the soap and paper towels are at 54".
Nelson	First Floor	Room #NH101	Various pieces of equipment are not within reach range, but students work in partners since the equipment is difficult for many to use.
Nelson	First Floor	Auto Engineering Tech Lab - Room #NH102	The room identification sign is located at the hallway entrance to the door and there is no sign at the door.
Nelson	First Floor	Auto Engineering Tech Lab - Room #NH102	There is a ramped entrance sloped at 10.4% and there are no handrails.
Nelson	First Floor	Auto Engineering Tech Lab - Room #NH102	Sinks are at 36" AFF.
Nelson	First Floor	Auto Engineering Tech Lab - Room #NH102	Paper towel and soap dispensers above the sinks are at 52" and 55" AFF.
Nelson	First Floor	Auto Engineering Tech Lab - Room #NH102	The eyewash outlets are at 44 1/2" AFF.
Nelson	First Floor	Auto Engineering Tech Lab - Room #NH102	The floor slopes at 10.6% between 102 and 102E. There is no handrail. The rise is approximately 4".
Nelson	First Floor	Unisex Toilet Room #NH109	The side grab bar for the water closet extends 46" and should be 54" from the rear wall.
Nelson	First Floor	Unisex Toilet Room #NH109	The toilet paper dispenser is 10" above the grab bar and the paper outlet at the center is 20" from the rear wall.
Nelson	First Floor	Unisex Toilet Room #NH109	Two paper towel dispensers are located in the circulation route and project 8" at 46" AFF.
Nelson	First Floor	Vending Area - #NH165	The slot for the card readers (mag cards) are 61" AFF.
Nelson	First Floor	Lockers in East / West Hallway	It appears there are no accessible lockers. They were locked, but none are marked "accessible" and all appear to be the same.
Nelson	Second Floor	Faculty Office Spaces	Under construction

MSU Mankato - Facility Survey and Report for a
Title II Self Evaluation and Transition Plan

Building	Location	Element	Describe Barrier or Condition
Nelson	Second Floor	Toilet Rooms	Under construction
Nelson	Second Floor	Classroom Spaces - NH201 - 205	Doors have round knob hardware.
Nelson	Second Floor	Classroom Spaces - NH202 - 205	Doors do not have 18" pull side clearance. Room 204 has no clearance, others have 10" clearance.
Nelson	Second Floor	Classroom Spaces - NH202 - 205	The room identification sign is located at the hallway entrance to the door and there is no sign at the door.
Nelson	Second Floor	Second Floor Hallway	Lockers in the hallway are not marked to be accessible.
Nelson	Second Floor	Classroom #NH205	There are two sinks at 36" AFF
Nelson	Second Floor	Classroom #NH205	Paper towel and soap dispensers above the sinks are above reach range and the soap is back more than 24".
Nelson	Second Floor	Toilet Rooms	Under Construction
Nelson	Third Floor	Toilet Rooms	Under Construction
Nelson	Third Floor	Painting Classroom #NH305	The sink is 36" AFF.
Nelson	Third Floor	Painting Classroom #NH305	Paper towel dispenser is 52" AFF and the soap is soap dispensers is more than 24" back.
Otto	First Floor	Entrance Check-in	There are turnstiles at the entrance which do not allow wheelchair access.
Otto	First Floor	Water Fountain in Hallway 1907	The high fountain projects 9" at 33" AFF in the hallway circulation route.
Otto	First Floor	Women's Shower/Locker Rooms	Accessible lockers have the lower shelf at 6 1/2" AFF.
Otto	First Floor	Women's Shower/Locker Rooms	Hand dryers project 8" at 60" AFF and towel dispensers protrude 9" At 48" AFF into the circulation route.
Otto	First Floor	Women's Shower/Locker Rooms	The water closet centerline is 18 1/2" from the side wall.
Otto	First Floor	Women's Shower/Locker Rooms	The transfer shower stall is 36" x 42" and should be 36" x 36" and the clear floor space beside the shower is 36" deep and should be 48" deep.
Otto	First Floor	Men's Toilet Room	Accessible lockers have the lower shelf at 6 1/2" AFF.
Otto	First Floor	Men's Toilet Room	Hand dryers project 8" at 60" AFF and towel dispensers protrude 9" At 48" AFF into the circulation route.
Otto	First Floor	Men's Toilet Room	The transfer shower stall is 36" x 42" and should be 36" x 36" and the clear floor space beside the shower is 36" deep and should be 48" deep.
Otto	First Floor	Mechanical Room 1930	No room identification signage is provided.
Otto	First Floor	"M" Detail in Basketball Court	The wall slopes to a point where it projects 22" at 80" AFF in the area between the legs of the letter and 11" on the court side.
Otto	Second Floor	Women's Toilet Room	The sanitary napkin dispenser and a towel dispenser project into the path of travel on the wall between the sinks and stalls.
Pennington	First Floor	Rooms #PH102, 104, 110, 112, 114, and 116	Room identification signs are not provided.
Pennington	First Floor	Rooms #PH102, 104, 110, 112, 114, and 116	Doors have round knob hardware.
Pennington	First Floor	Men's and Women's Toilet Rooms	Paper towel dispensers project 9" into the circulation route at 48" AFF.
Pennington	First Floor	Women's Toilet Room	The sanitary napkin dispenser projects 6 1.2" into the circulation route at 46" AFF.
Performing Arts	Basement	Entrance from Maywood Avenue	This entrance is not accessible and there is no signage indicating the location of the accessible entrance(s).
Performing Arts	Basement	Practice Rooms #129 - 162	Rooms were under construction during the survey and have been altered to make them larger. It does not appear that any work has been done on the accessible route (i.e. toilet rooms).
Performing Arts	Basement	Practice Rooms #129 - 162	Doors have round knob hardware.

MSU Mankato - Facility Survey and Report for a
Title II Self Evaluation and Transition Plan

Building	Location	Element	Describe Barrier or Condition
Performing Arts	Basement	Practice Rooms #129 - 162	Some of the practice rooms have shelves with hooks below. They are not within reach range and protrude 12" at 65" AFF into the circulation route.
Performing Arts	Basement	Practice Rooms #129 - 162	Some rooms have mirrors on the wall with the lowest part of the reflecting surface at 51" AFF.
Performing Arts	Basement	Vending Machine Area	Vending machines at the end of the hallway have card readers that are higher than 54" AFF.
Performing Arts	Basement	Men's Toilet Room #144	The entrance sign has the international symbol for accessibility, but the rooms are not accessible.
Performing Arts	Basement	Men's Toilet Room #144	Pull side (inside) clearance for the entrance door is 12" and should be 18" minimum.
Performing Arts	Basement	Men's Toilet Room #144	The clearance between doors in the vestibule is 29".
Performing Arts	Basement	Men's Toilet Room #144	There are two urinals: both are 20" high - more than 17".
Performing Arts	Basement	Men's Toilet Room #144	The knee clearance at both lavatories is 25".
Performing Arts	Basement	Men's Toilet Room #144	The reflecting surface of the mirrors is 46" AFF.
Performing Arts	Basement	Men's Toilet Room #144	Paper towel dispensers protrude 8" into the circulation route at 48" AFF.
Performing Arts	Basement	Men's Toilet Room #144	There is a toilet stall with one handrail and a door which opens out, but it is a 36" x 56" stall and is not accessible.
Performing Arts	Basement	Women's Toilet Room #139	The entrance sign has the international symbol for accessibility, but the rooms are not accessible.
Performing Arts	Basement	Women's Toilet Room #139	Pull side (inside) clearance for the entrance door is 12" and should be 18" minimum.
Performing Arts	Basement	Women's Toilet Room #139	The clearance between doors in the vestibule is 29".
Performing Arts	Basement	Women's Toilet Room #139	The knee clearance at both lavatories is 25".
Performing Arts	Basement	Women's Toilet Room #139	Paper towel dispensers protrude 8" into the circulation route at 48" AFF and a sanitary napkin dispenser protrudes 6" at 44" AFF with no fixed barriers below.
Performing Arts	Basement	Women's Toilet Room #139	There is a toilet stall with one handrail and a door which opens out, but it is a 36" x 56" stall and is not accessible.
Performing Arts	Basement	Hallways	There are double glass doors at the end of the two east/west hallways and at the midpoint of the east hallway. Each door has a clear opening of 28" and should be no less than 32".
Performing Arts	Basement	General Classrooms	Pencil sharpeners are mounted on walls in the circulation route and protrude 5 - 6" (depending upon mounting board) at approximately 55" AFF.
Performing Arts	Basement	Classroom PA106	Desks in this classroom have tablet arms, but no writing space is provided for a student in a wheelchair.
Performing Arts	Basement	Receiving Dock	The grates over the drain at the bottom have openings in the direction of travel that are 3/4" wide.
Performing Arts	Basement	Receiving Dock	The slope of the dock is 6.9% and there are no handrails.
Performing Arts	Basement	Lockers in Hallways	Lockers for instruments and coat storage were locked; non were marked to be accessible lockers. Some instrument lockers and lower coat lockers may be compliant, however coat lockers have the lower shelf at 6" AFF and it should be 9" and tall lockers must have the upper shelf and hook at no more than 48".
Performing Arts	Basement	Toilet/Shower Rooms #113 B and E	Both Men's and Women's Toilet/Shower Rooms are non-compliant with doors that have 27" clear opening, some doors do not have maneuvering space, sinks without knee clearance, toilet stalls that are 36" wide with no grab bars and shower stalls that have curbs, clear opening of 21" and no grab bars.
Performing Arts	Basement	Dressing Rooms #113 C and F	Doors have round knob hardware.

MSU Mankato - Facility Survey and Report for a
Title II Self Evaluation and Transition Plan

Building	Location	Element	Describe Barrier or Condition
Performing Arts	Basement	Dressing Rooms #113 C and F	Knee clearance at the make-up tables is 23 1/2" and 24" at the sink.
Performing Arts	Basement	Dressing Rooms #113 C and F	Towel dispensers are at 55" AFF, hanging storage is all at 68" AFF and the fan control is 61" AFF.
Performing Arts	Basement	Dressing Rooms #113 C and F	Shelf storage protrudes at 75" AFF.
Performing Arts	Basement	Costume Shop #114	There is no pull side clearance at the door from the inside.
Performing Arts	Basement	Costume Shop #114	The accessible route is blocked in some locations where furniture and tables restrict the route to less than 32" ,
Performing Arts	Basement	Costume Shop #114	Many of the supplies within the room are not within reach range.
Performing Arts	Basement	Costume Shop #114	Knee space at all the sewing tables is 25 1/2".
Performing Arts	Basement	Costume Shop #114	The door into the dressing room from the costume shop does not have maneuvering clearance.
Performing Arts	Basement	Costume Shop #114	The sink in the dyeing room is 36" AFF and the controls are not within reach range. The eye wash is at 38" AFF.
Performing Arts	Basement	Costume Shop #114	The paper towel and soap dispensers are above the sink at 54 and 57" AFF.
Performing Arts	Basement	Costume Shop #114	The accessible route to the washer and dryer is 29" and the washing machine controls are not within reach range.
Performing Arts	Basement	Water Fountain in Hallway 197N	The spout is at 38" AFF.
Performing Arts	Basement	Dance Studio and Green Room	There is no room identification signage at the main door to the suite.
Performing Arts	Basement	Dance Studio and Green Room	The Green Room area sink and counter in the coffee is 42" AFF.
Performing Arts	Basement	Dance Studio and Green Room	The Green Room area vending machines have card readers with the slot at 59" AFF.
Performing Arts	Basement	Dance Studio and Green Room	Paper towels and soap dispensers above sink are 60" and 68" AFF.
Performing Arts	Basement	Women's Toilet Room #121	The lavatories do not have insulation on the supply and waste lines.
Performing Arts	Basement	Women's Toilet Room #121	The accessible stall has the toilet paper dispenser outlet 43" from the rear wall and it should be no more than 36" to the outlet.
Performing Arts	Basement	Women's Toilet Room #121	The transfer shower stall is not compliant; it is 48" deep with the controls 24" from the front edge. The seat is 7" from the front edge and the clearance is 8" at the rear of the stall.
Performing Arts	Basement	Dressing Rooms #122 and 123	The paper towel dispenser and hand dryers protrude 8" into the circulation area.
Performing Arts	Basement	Dressing Rooms #122 and 123	Clothing and consume racks have rods and shelves that are higher than 54" AFF.
Performing Arts	Basement	Dressing Rooms #122 and 123	The soap and paper towel dispensers at the sink are above allowable reach range.
Performing Arts	Basement	Men's Toilet Room #124	The room identification sign is located on the door and not on the latch side. The sign does not have the international symbol for accessibility and should as it appear the toilet room is intended to be accessible.
Performing Arts	Basement	Men's Toilet Room #124	The soap dispenser is at 48" AFF and is more than 20" back.
Performing Arts	Basement	Men's Toilet Room #124	The paper towel dispenser and hand dryers protrude 8" into the circulation area.
Performing Arts	Basement	Men's Toilet Room #124	The accessible stall has the toilet paper dispenser outlet 42" from the rear wall and it should be no more than 36" to the outlet.

MSU Mankato - Facility Survey and Report for a
Title II Self Evaluation and Transition Plan

Building	Location	Element	Describe Barrier or Condition
Performing Arts	Basement	Men's Toilet Room #124	The transfer shower stall is not compliant; it is 48" deep with the controls 20" from the front edge. The seat is 9" from the front edge and the clearance is 9" at the rear of the stall.
Performing Arts	Basement	Classroom #PA126	Shelves inside the entrance door protrude 18" at 42" AFF into the circulation route.
Performing Arts	First Floor	Theater Box Office	Two ticket window counters are at 42" AFF.
Performing Arts	First Floor	Lobby Drinking Fountain	The knee clearance for the lower fountain is 26 1/4" AFF.
Performing Arts	First Floor	Andreas Theater - 526 Seats Provided	No accessible seats and no aisle seats are provided. Seven accessible seats with companion seats would be required for 526 total seats. Seats are removed from the back row if the box office knows a patron will need an accessible seat or they have the option of sitting at the front side aisle at stage level.
Performing Arts	First Floor	Andreas Theater - 526 Seats Provided	Backstage lighting, controls and tools are above 54" or beyond reach range.
Performing Arts	First Floor	Andreas Theater - 526 Seats Provided	Handrails in the theater area do not have extensions at all the intermediary landings and top and bottom.
Performing Arts	First Floor	Lobby Area Computers	Three computers are provided at a counter that is 42" AFF.
Performing Arts	First Floor	Faculty Office Area	The door has two panels; each has a 28' clear opening.
Performing Arts	First Floor	Faculty Office Area	Music Library Tables have 26 1/2" knee clearance.
Performing Arts	First Floor	Faculty Office Area	The Music Library circulation counter is 41" AFF.
Performing Arts	First Floor	Faculty Office Area	Men's and Women's Toilet Rooms have signs indicating that they are accessible, but they are not. Doors do not have clear maneuvering clearance on the pull side, there is no accessible stall, sinks do not have insulation, mirrors are above 40", urinals are 20" AFF and dispensers protrude into the circulation area.
Performing Arts	First Floor	Ted Paul Theater	Accessible seating is provided on the main level along with
Performing Arts	First Floor	Recital Hall	No wheelchair locations with companion seats are provided
Performing Arts	First Floor	Recital Hall	An area at the back which is 57" deep and 101" wide would allow for two wheelchair seats and one companion seat.
Performing Arts	First Floor	Recital Hall	There is a ramp in front of the stage which provides access from a side door (reached via the elevator) and may allow a wheelchair to be located in the front row. However, the ramp is sloped at 7.3% and does not have handrails on both sides or edge protection.
Performing Arts	Mezzanine	Drinking Fountains	Two fountains have spouts at 44" AFF.
Performing Arts	Mezzanine	Men's Toilet Room	The rear grab bar in the accessible stall has a centerline at 38" AFF and should be between 33 and 36" AFF
Performing Arts	Mezzanine	Men's Toilet Room	The toilet paper dispenser is 9" above the grab bar and 40" from the rear. It should be at 12" above and 48" AFF max. with the outlet 36" max from the rear wall .
Performing Arts	Mezzanine	Women's Toilet Room	The rear grab bar in the accessible stall has a centerline at 39 1/2" AFF and should be between 33 and 36" AFF
Performing Arts	Mezzanine	Women's Toilet Room	The toilet paper dispenser is 9" above the grab bar and 40" from the rear. It should be at 12" above and 48" AFF max. with the outlet 36" max from the rear wall.
Rugby			There appears to be a viewing area, but there is no accessible route from the asphalt walking path to the entrance to the field.
Soccer			No accessible route could be identified into the seating area for the soccer field. However, it appears that construction may not be complete.

MSU Mankato - Facility Survey and Report for a
Title II Self Evaluation and Transition Plan

Building	Location	Element	Describe Barrier or Condition
Soccer			The bleacher seating does not provide wheelchair locations.
Taylor	Basement Level	Women's Basketball Locker Room #TC003	No accessible lockers are provided. Existing lockers all have shelves and hooks at 58 and 60" AFF with the lower storage bin bottom less than 9" AFF.
Taylor	Basement Level	Women's Basketball Locker Room #TC003	Paper towel dispensers protrude into the circulation route. Waste bins are located below, but are not fixed.
Taylor	Basement Level	Women's Basketball Locker Room #TC003	The soap dispenser above the sink is at 49" AFF and should be no more than 48" if no more than 20" back; if further back, it may be no more than 44" AFF.
Taylor	Basement Level	Women's Basketball Locker Room #TC003	The counter outside the toilet room is at 35" AFF.
Taylor	Basement Level	Visiting Men's Locker Room #TC008	No accessible lockers are provided. Existing lockers have a shelf and hooks at 49 and 52" AFF with the lock box above at 70" AFF and the lower storage shelf at 4" AFF.
Taylor	Basement Level	Visiting Men's Locker Room #TC008	The hook in the accessible stall is 56" AFF.
Taylor	Basement Level	Visiting Men's Locker Room #TC008	The soap dispenser above the sink is at 49" AFF and should be no more than 48" if no more than 20" back.
Taylor	Basement Level	Visiting Men's Locker Room #TC008	Paper towel dispensers protrude into the circulation route. Waste bins are located below, but are not fixed.
Taylor	Basement Level	Volleyball Locker Room #TC012	No accessible lockers are provided. Existing lockers all have shelves and hooks at 58 and 60" AFF with the lower storage bin bottom less than 9" AFF.
Taylor	Basement Level	Volleyball Locker Room #TC012	The hook in the accessible stall is 60" AFF.
Taylor	Basement Level	Volleyball Locker Room #TC012	The soap dispenser above the sink is at 49" AFF and should be no more than 48" if no more than 20" back.
Taylor	Basement Level	Volleyball Locker Room #TC012	Paper towel dispensers protrude into the circulation route. Waste bins are located below, but are not fixed.
Taylor	Basement Level	Volleyball Locker Room #TC012	The counter outside the toilet room is at 35" AFF.
Taylor	Basement Level	Wrestling Locker Room #TC017	No accessible lockers are provided. Existing lockers all have shelves and hooks at 58 and 60" AFF with the lower storage bin bottom less than 9" AFF.
Taylor	Basement Level	Wrestling Locker Room #TC017	The hook in the accessible stall is 57" AFF.
Taylor	Basement Level	Wrestling Locker Room #TC017	A shelf in the locker room area protrudes 12" at 56" AFF.
Taylor	Basement Level	Wrestling Locker Room #TC017	Paper towel dispensers protrude into the circulation route. Waste bins are located below, but are not fixed.
Taylor	Basement Level	Visiting Women's Locker Room #TC022	No accessible lockers are provided. Existing lockers have a shelf and hooks at 49 and 52" AFF with the lock box above at 70" AFF and the lower storage shelf at 4" AFF.
Taylor	Basement Level	Visiting Women's Locker Room #TC022	The hook in the accessible stall is 56" AFF.
Taylor	Basement Level	Visiting Women's Locker Room #TC022	The soap dispenser above the sink is at 49" AFF and should be no more than 48" if no more than 20" back.
Taylor	Basement Level	Visiting Women's Locker Room #TC022	Paper towel dispensers protrude into the circulation route. Waste bins are located below, but are not fixed.
Taylor	Basement Level	Men's Basketball Locker Room #TC027	No accessible lockers are provided. Existing lockers all have shelves and hooks at 58 and 60" AFF with the lower storage bin bottom less than 9" AFF.
Taylor	Basement Level	Men's Basketball Locker Room	The hook in the accessible stall is 56" AFF.
Taylor	Basement Level	Men's Basketball Locker Room #TC027 (continued)	The soap dispenser above the sink is at 49" AFF and should be no more than 48" if no more than 20" back.

MSU Mankato - Facility Survey and Report for a
Title II Self Evaluation and Transition Plan

Building	Location	Element	Describe Barrier or Condition
Taylor	Basement Level	Men's Basketball Locker Room #TC027 (continued)	Paper towel dispensers protrude into the circulation route. Waste bins are located below, but are not fixed.
Taylor	Basement Level	Women's Toilet Room #067	The hook in the accessible stall is 63" AFF.
Taylor	Basement Level	Women's Toilet Room #067	Paper towel dispensers protrude 6 1/2" into the circulation
Taylor	Basement Level	Men's Toilet Room #068	The hook in the accessible stall is 63" AFF.
Taylor	Basement Level	Men's Toilet Room #068	Paper towel dispensers protrude 6 1/2" into the circulation route. Waste bins are located below, but are not fixed.
Taylor	Basement Level	Weight Room #069	All coat hook are 69" AFF
Taylor	Basement Level	Treatment Room TC002	The soap dispenser above the sink is at 53" AFF.
Taylor	Basement Level	Treatment Room TC002	No insulation provided on waste and supply lines for hand-
Taylor	Basement Level	Treatment Room TC002	The eyewash outlets are at 38" AFF.
Taylor	Concourse Level	Accessible Wheelchair Seats	Seats are provide on the upper level with compliant companion seats. The total number of seats vs. the number of wheelchair locations was not evaluated.
Taylor	Concourse Level	Accessible Wheelchair Seats	Bleachers were not extended so it was no possible to determine whether or not wheelchair locations are provided in the first row of the bleachers.
Taylor	Concourse Level	Accessible Wheelchair Seats	Aisle seats with flip-up or removable arms.
Taylor	Concourse Level	Accessible Wheelchair Seats	No signage was found indicating where to get assistive listening devices. If a sound system exists, such devices must be available.
Taylor	Concourse Level	Women's Toilet Room #167 and 143	Hand dryers protrude 8" at 40" AFF into the circulation route.
Taylor	Concourse Level	Women's Toilet Room #167 and 143	The surface of the changing table is 40" AFF and should be no more than 34".
Taylor	Concourse Level	Women's Toilet Room #167 and 143	The hook on the door of the accessible stall is 56" AFF.
Taylor	Concourse Level	Men's Toilet Room #161 and 138	Hand dryers protrude 8" at 40" AFF into the circulation route.
Taylor	Concourse Level	Men's Toilet Room #161 and 138	The hook on the door of the accessible stall is 56" AFF.
Taylor	Concourse Level	Water Fountain	The high sink is on the outside and protrudes more than 20"
Taylor	Concourse Level	Women's Toilet Room #115	The hook in the accessible stall is 57 1/2" AFF.
Taylor	Concourse Level	Men's Toilet Room #111	The hook in the accessible stall is 56 1/2" AFF.
Trafton	General	Men's and Women's Toilet Rooms	None of the multi-stall toilet rooms at the north and south ends of the building have an accessible stall. There are only 30" x 60" stalls. There is no signage indicating the location of
Trafton	General	Men's and Women's Toilet Rooms	The sinks do not have insulation on the supply and waste
Trafton	General	Men's and Women's Toilet Rooms	Hand dryers protrude 8" into the circulation route.
Trafton	General	Men's and Women's Toilet Rooms	The lower urinal in the men's toilet room is 21" AFF..
Trafton	General	Water Fountains	Many fountains were found to be non-compliant. New fountains located near the modified toilet rooms should have the lower edge at 27" AFF so they are not a protruding object, but allow required knee space.
Trafton Center	First Floor	CSET Advising Center - #TR C125	The clear opening of the door is 29" and should be 32".
Trafton Center	First Floor	Lecture Room #C122 and C123	There are sixty seats and two locations in the first row for wheelchairs. The standards would require four wheelchair locations with fixed companion seats.
Trafton Center	First Floor	Lecture Room #C122 and C123	Coat hooks and a pencil sharpener are provided on the wall along the steps leading to upper level seating. None are
Trafton Center	First Floor	Lecture Room #C122 and C123	The pencil sharpener would be a protruding object as it projects more than 4" from the wall.
Trafton East	First & Second & Third Floor	Women's Toilet Room	A shelf, towel dispenser and sanitary napkin dispenser protrude into the circulation route. All are 5 - 9" deep and between 27" and 80" AFF with no barriers below.

MSU Mankato - Facility Survey and Report for a
Title II Self Evaluation and Transition Plan

Building	Location	Element	Describe Barrier or Condition
Trafton East	First & Second & Third Floor	Women's Toilet Room	The soap dispenser is located on the wall between the sinks at 51" AFF and should be no more than 48" to the control or push.
Trafton East	First & Second & Third Floor	Women's Toilet Room	The side wall grab bar is centered at 28" above the floor and is 48" from the rear wall. (Note a 36" vertical grab bar was incorrectly installed above the horizontal bar.)
Trafton East	First & Second & Third Floor	Women's Toilet Room	The rear wall grab bar is mounted completely on the outside of the water closet and at 28" AFF. This may have resulted from it being too low as it is located next to the pipes. 12" should be on the inside of the centerline and 24" on the outside.
Trafton East	First & Second & Third Floor	Women's Toilet Room	The toilet paper dispenser outlet is 22" from the rear wall and should be 36".
Trafton East	First & Second & Third Floor	Women's Toilet Room	The hook on the accessible stall door is 63" AFF. A hook should be provided at 48" AFF.
Trafton East	First & Second & Third Floor	Men's Toilet Room	The paper towel dispenser protrudes from the wall, but may be close enough to the perpendicular wall so it provides an adequate barrier.
Trafton East	First & Second & Third Floor	Men's Toilet Room	The soap dispenser is located on the wall between the sinks at 51" AFF and should be no more than 48" to the control or push.
Trafton East	First & Second & Third Floor	Men's Toilet Room	The side wall grab bar is centered at 28" above the floor and is 48" from the rear wall. (Note a 36" vertical grab bar was incorrectly installed above the horizontal bar.)
Trafton East	First & Second & Third Floor	Men's Toilet Room	The rear wall grab bar is mounted completely on the outside of the water closet and at 28" AFF. This may have resulted from it being too low as it is located next to the pipes. 12" should be on the inside of the centerline and 24" on the outside.
Trafton East	First & Second & Third Floor	Men's Toilet Room	The toilet paper dispenser outlet is 22" from the rear wall and should be 36".
Trafton East	First & Second & Third Floor	Men's Toilet Room	The hook on the accessible stall door is 63" AFF. A hook should be provided at 48" AFF.
Trafton East	First Floor	Rooms# E106 - E108	Room identification signs are located in the hallway, but not at the latch side of the door.
Trafton East	First Floor	Telephone in Lounge Area - #124	The phone protrudes 8" into the circulation route.
Trafton East	Second Floor	Controls Lab #E217	The room identification sign is located in the hallway, but there is no sign on the latch side of the door.
Trafton East	Second Floor	Classrooms #E224 and E225	The pencil sharpener protrudes 6" from the wall in the circulation route.
Trafton East	Second Floor	Classrooms #E224 and E226	Hooks provided are located above the stairs to the upper level seating and there are no hooks at the main floor level and within reach range.
Trafton East	Third Floor	Telephone in Lounge Area - #319	The phone protrudes 8" into the circulation route.
Trafton East	Third Floor	Incubator Research Lab - #E317	No signage is locate next to the door on the latch side.
Trafton East	Third Floor	Incubator Research Lab - #E317	The door has pull side clearance, but it does not extend 60" back.
Trafton East	Third Floor	Room #E318	Room identification is on the hinge side rather than latch side of the door.
Trafton East	Third Floor	Room #E308	The room identification sign is located in the hallway, but there is no sign on the latch side of the door.
Trafton North	First Floor	Drinking Fountain near Men's and Women's Toilet Rooms	The bottom is at 28" and would be a protruding object at more than 27".

MSU Mankato - Facility Survey and Report for a
Title II Self Evaluation and Transition Plan

Building	Location	Element	Describe Barrier or Condition
Trafton North	First Floor	Department of Physics and Astronomy - Office #N141	This appears to be a department office where students may need to get information or access services, but the clear opening of the door is 29". Other doors along this corridor have the same clear opening where they are in the existing masonry wall, but they appear to be private faculty offices.
Trafton North	Second Floor	Senior Design Lab #TN270	No accessible work counters were found
Trafton North	Second Floor	ECET Circuits Lab #N292	There is an accessible work counter, but the equipment shelf above is more than 48" AFF.
Trafton North	Second Floor	ECET Control Lab #N287	There is an accessible work counter, but the equipment shelf above is more than 48" AFF.
Trafton North	Second Floor	Drinking Fountain	The fountain at the renovated toilet rooms has knee space at 26 1/4".
Trafton North	Third Floor	Social Work Department Office - #N358	The door into the main office area has a 29" clear opening and should be 32" if used by students or is a common area door for staff.
Trafton South	First Floor	Office #TS 144	The door to this space has a clear opening of 30". The sign on the door indicates that the room is not assigned. It would not be compliant for use by students.
Trafton South	First Floor	Drinking Fountain at the South Stairway	The spout is at 42 1/2".
Trafton South	First Floor	Courtyard Entrance	The courtyard door has knob hardware.
Trafton South	First Floor	Photonics Communication Research Laboratory - Room #135	The door to this space has a clear opening of 29". It would not be compliant for use by students, but may be a work space if this is a research lab.
Trafton South	First Floor	Ramp to Highland Center	The ramp is sloped at approximately 8.3% - there are a few spots that are higher. There is a handrail on one side.
Trafton South	First Floor	Lockers	Lockers are provided in the hallways. None are marked accessible. They were locked and could not be evaluated to see if there are shelves top and bottom and hooks within reach range.
Trafton South	First Floor	Unisex Toilet Room	The hand dryer protrudes 8" into the circulation route.
Trafton South	First Floor	Unisex Toilet Room	Room identification signage is not provided.
Wiecking	First Floor	Main Entrance from the South	There is no signage indicating this to be the accessible entrance.
Wiecking	First Floor	Main Entrance from the South	The threshold at the main entrance is 3/4" with a 1:2 beveled edge.
Wiecking	First Floor	Classroom Doors	Room identification signage is not located on the latch side of the door.
Wiecking	First Floor	Classroom Doors	Doors have round knob hardware throughout the east wing.
Wiecking	First Floor	Classroom #WC353	The knee space at the desks is 24 1/2". Accessible locations must have 27" knee clearance.
Wiecking	First Floor	Hallway Lockers	There are no lockers marked as accessible so it is not clear whether or no any are - 5% must have shelves and rods within reach range.
Wiecking	First Floor	Women's Toilet Rooms #360 and 362 and Men's Toilet room #361 - main hallway and west hallway	These toilet rooms are not accessible. Doors have 28" clear opening, no pull side clearance and a 34" vestibule with no compliant fixtures. There is no signage indicating the location of the nearest accessible toilet room.
Wiecking	First Floor	Drinking Fountain - near Men's Toilet Room	The underside of the fountain is at 29" AFF and is a protruding object.
Wiecking	First Floor	Drinking Fountain - near Men's Toilet Room	The spout of the fountain is 36 3/4" AFF.
Wiecking	First Floor	Men's Toilet Room #359	The sign indicates the toilet room is accessible, but it is not compliant.
Wiecking	First Floor	Men's Toilet Room #359	There is no pull side clearance on the door at the inside.

MSU Mankato - Facility Survey and Report for a
Title II Self Evaluation and Transition Plan

Building	Location	Element	Describe Barrier or Condition
Wiecking	First Floor	Men's Toilet Room #359	The lavatories do not have insulation on the supply and waste lines.
Wiecking	First Floor	Men's Toilet Room #359	The soap dispenser above the sink is 49 1/2" AFF.
Wiecking	First Floor	Men's Toilet Room #359	The towel dispenser projects 8" into the path of travel.
Wiecking	First Floor	Men's Toilet Room #359	There is no accessible stall. The 36" wide walk-in type stall does not have compliant grab bars and the water closet is 15" from the side wall.
Wiecking	First Floor	Men's Toilet Room #359	The pull side clearance of the stall is 9".
Wiecking	First Floor	Men's Toilet Room #359	Mirrors are 43" AFF.
Wiecking	First Floor	Men's Toilet Room #359	The rim of the low urinal is 17" AFF.
Wiecking	First Floor	Auditorium #WC220 - 273 seats / 4 wheelchair spaces	Room identification signage does not have raised letters and Braille.
Wiecking	First Floor	Auditorium #WC220 - 273 seats / 4 wheelchair spaces	Heavy waste bins for recycling block the pull side clearance at both doors to the auditorium.
Wiecking	First Floor	Auditorium #WC220 - 273 seats / 4 wheelchair spaces	A table is provided on both sides of the rear row for wheelchair users to have a writing surface, as with the other seats which have tablet arms. The wheelchair areas in the first row did not have such tables.
Wiecking	First Floor	Auditorium Lobby - #WC101	The area outside the auditorium has seating. There are counters at 42" AFF with computer terminals, but no low (34" AFF max.) counters or tables with computers.
Wiecking	First Floor	Food Science Lab - #WC B137	A work table/desk is provided at 34" AFF, but sink and work surface of the fume hood are 36" AFF.
Wiecking	First Floor	Food Science Lab - #WC B137	The eye wash outlets are at 37 1/2" AFF and should be 36" max. The drain of the eyewash which crossed the forward approach area blocks knee clearance.
Wiecking	First Floor	Food Science Lab - #WC B137	The safety shower pull is at 66" AFF and should be no more than 48" AFF.
Wiecking	First Floor	Food Lab - #WC B139	A lowered counter area is provided, but knee and toe space is not provided at the sink and there is no work counter as required with kitchens.
Wiecking	First Floor	Food Lab - #WC B139	Upper cabinet storage has the lowest shelf at 52" AFF and this not be compliant over a countertop.
Wiecking	First Floor	Classrooms #B118 and B123	The doors do not have pull side maneuvering clearance.
Wiecking	First Floor	Drafting Room - #WC350	The sink is in a counter at 36" AFF with soap and paper dispensers above reach range.
Wiecking	First Floor	Men's and Women's Toilet Rooms - # B168 an B169	These are not accessible and do not have signage indicating the location of the nearest accessible toilet room.
Wiecking	First Floor	Shurson Gardens	The garden area is accessed from classroom #321 and Lounge #331. There is a step of at least 6" at each entrance and the pavers are sloped and uneven with changes of level throughout the courtyard area.
Wiecking	First Floor	ROTC Classroom and Office Area	Doors have round knob hardware.
Wiecking	First Floor	ROTC Classroom and Office Area	Desks in the classroom space have 26" knee clearance.
Wiecking	First Floor	Student Support Services and Talent Search - #355 and 356	Room identification signs are not provided.
Wiecking	First Floor	Student Support Services and Talent Search - #355 and 356	The doors have round knob hardware.
Wiecking	First Floor	Student Support Services and Talent Search - #355 and 356	The door at the Talent Search Office does not have the required 12" push side clearance from the inside.
Wiecking	First Floor	Upward Bound Office	The reception counter is 42" AFF.
Wiecking	First Floor	Children's House	The typical toilet rooms in each classroom are single occupancy toilets. The rooms are 59 1/2" wide and 69" deep. Doors open into the room and have a 24" clear opening.

MSU Mankato - Facility Survey and Report for a
Title II Self Evaluation and Transition Plan

Building	Location	Element	Describe Barrier or Condition
Wiecking	First Floor	Children's House	No grab bars are provided.
Wiecking	First Floor	Children's House	Lavatories do not have insulation on supply and waste lines.
Wiecking	First Floor	Children's House	Toilets are 17" from the wall and 11". This complies with current children's standards that would allow the toilet to be between 12 - 18" from the wall and 11' 12" high.
Wiecking	First Floor	Children's House	The lavatory is 25" high with 20" knee clearance. The children's standards would allow this height for children under six if a parallel approach is provided. If not, the lavatory must have 24" knee clearance and be no more than 31' high.
Wiecking	First Floor	Entrance to Children's House	There is no signage indicating this to be the accessible entrance.
Wiecking	First Floor	Entrance to Children's House	The threshold at the school entrance
Wiecking	First Floor	East Entrance to Classroom Building	The maneuvering clearance at the door is sloped at 3.2%. There is no automatic operator.
Wiecking	First Floor	East Entrance to Classroom Building	There is a gap at the door under the threshold that is more than 1/2" deep and 3 - 4" wide.
Wigley	First Floor	Main Counter in Registration Area	There is no room identification signage.
Wigley	First Floor	Main Counter in Registration Area	The counter is 39 1/2" AFF
Wigley	First Floor	Men's and Women's Toilet Rooms	Both are not accessible with a 36" wide stall and non-compliant grab bars and sinks without insulation.
Wigley	Second Floor	Men's and Women's Toilet Rooms	Signs indicate that these are accessible, but they are not.
Wigley	Second Floor	Men's and Women's Toilet Rooms	Both toilet rooms have no pull side clearance at the entrance door from the inside.
Wigley	Second Floor	Men's and Women's Toilet Rooms	Both toilet rooms have 42" x 59" stalls with non-compliant grab bars.
Wigley	Second Floor	Men's and Women's Toilet Rooms	There is no insulation on supply and waste lines.
Wigley	Second Floor	Men's and Women's Toilet Rooms	A shelf near the entrance and a paper dispenser protrude into the circulation area.
Wigley	Second Floor	Water Fountain	The spout is 42" AFF.
Wigley	Third Floor	Men's and Women's Toilet Rooms	Signs indicate that these are accessible, but they are not.
Wigley	Third Floor	Men's and Women's Toilet Rooms	Both toilet rooms have non-compliant pull side clearance at the entrance door from the inside: 13" in men's and 14" in women's.
Wigley	Third Floor	Men's and Women's Toilet Rooms	Both toilet rooms have 42" x 59" stalls with non-compliant grab bars.
Wigley	Third Floor	Men's and Women's Toilet Rooms	There is no insulation on supply and waste lines.
Wigley	Third Floor	Men's and Women's Toilet Rooms	A shelf near the entrance and a paper dispenser protrude into the circulation area.
Wigley	Third Floor	Common Area Sink	The hallway sink is 36" AFF.
Wissink	First Floor	Food Concessions	These areas were closed. It was not possible to determine whether or not all food items, condiments, cutlery, cups and other types of self-service items were within reach range.
Wissink	First Floor	Vending Machines	The credit card slot is 60" AFF.
Wissink	First Floor	Computer Terminals in the Sitting Area	There are computer terminals on counters at 42" AFF.

MSU Mankato - Facility Survey and Report for a
Title II Self Evaluation and Transition Plan

Building	Location	Element	Describe Barrier or Condition
Wissink	First Floor	Drinking Fountain	Knee space is 24" AFF and should be 27" - this satisfies the standard for knee clearance and protruding objects.
Wissink	First Floor	Pay Phone and EM Phone	Both project into the circulation area. The phone stand projects 12" at 37" AFF and is a hazard.
Wissink	First, Second and Third Floors	Women's Toilet Room	The sign indicates it is an accessible toilet room, but many of the fixtures are non-compliant.
Wissink	First, Second and Third Floors	Women's Toilet Room	A counter protrudes 8" into the circulation path at 42" AFF. The paper towel dispenser near the sink protrudes 8" at 44" AFF.
Wissink	First, Second and Third Floors	Women's Toilet Room	None of the sinks have insulation on supply and waste lines.
Wissink	First, Second and Third Floors	Women's Toilet Room	Mirrors above the sinks have the reflecting surface at 43" AFF.
Wissink	First, Second and Third Floors	Women's Toilet Room	There is a 36" x 65" stall with non compliant grab bars. The horizontal portion of the bar has a 27" centerline and the bar extends up at an angle.
Wissink	First, Second and Third Floors	Men's Toilet Rom	The sign indicates it is an accessible toilet room, but many of the fixtures are non-compliant.
Wissink	First, Second and Third Floors	Men's Toilet Rom	A counter protrudes 8" into the circulation path at 42" AFF. The paper towel dispenser near the sink protrudes 8" at 44" AFF.
Wissink	First, Second and Third Floors	Men's Toilet Rom	None of the sinks have insulation on supply and waste lines.
Wissink	First, Second and Third Floors	Men's Toilet Rom	Mirrors above the sinks have the reflecting surface at 43" AFF.
Wissink	First, Second and Third Floors	Men's Toilet Rom	There is a 36" x 65" stall with non compliant grab bars. The horizontal portion of the bar has a 27" centerline and the bar extends up at an angle.
Wissink	First Floor	Main Computer Area	Accessible spaces have knee clearance that is 25 1/2" AFF and should be 27" minimum. 19" deep and 30" wide.
Wissink	Second Floor	Offices and Service Window	Compliant room identification signs are not provided.
Wissink	Second Floor	Offices and Service Window	The service window counter is 42" AFF
Wissink	Third Floor	Offices	Compliant room identification signs are not provided.
Wissink	Third Floor	Water Fountain	The spout is 40" AFF.
Wissink	Third Floor	Hallway Counter	A study counter in the hallway is 40" AFF. There is no counter 28 - 34" AFF.
Women's Softball			The parking area adjacent to the entrance was under construction, but there did not appear to be a compliant curb ramp in the walkway.
Women's Softball			The walkway from the entrance to the stands is an asphalt route that has a slope greater than 5% and no handrails or landing.
Women's Softball			There is no wheelchair seating in the stands. The required number of seats would be based on the total number of seats. Four would be required if the stands have 51 or more seats, as is likely. There is some concrete at each sides of the stands, but that is not wide enough for wheelchairs to be located beside the stands.

Exterior Route and Parking - Accessibility Report

	Building	Location	Element	Describe Barrier or Condition
1	ASA	Main Floor and Entrance Level	Parking	There are two accessible parking spaces on the east side of the building. Neither space is van accessible.
2	ASA	Main Floor and Entrance Level	Parking	There are three accessible parking spaces on the west side, but one does not have the required access route and none are van accessible.
3	ASA	Main Floor and Entrance Level	Parking	The accessible spaces closest to the door and the access aisle on the west side have cross slopes in excess of 2%. The cross slope of the parking space closest to the door is 4.7% and running slope is 5.1%, the access aisle has a cross slope of 3.5% and running slope of 3.8%. The parking space on the other side of the access aisle has a cross slope of 3.2% and running slope of 3.2%.
4	Morris	Second Floor	Ramp to Armstrong	The ramp has a slope of 8.2%, but there are no handrails. The flat area at the bottom of the ramp (on the Armstrong side) is 44" deep.
5	Performing Arts	Basement	Classroom PA110	This appears to be choir classroom. The ramp to the upper level of the practice area is sloped at 12.5% and has changes of level greater than 1/2".
6	Performing Arts	Basement	Classroom PA113	There is a ramped entrance at the door that is sloped at 17.3%. The rise is approximately 2" and a rise of 12% (1:8) is the maximum allowed.
7	Trafton East	Third Floor	Ramp from Trafton East to Trafton North	The slope of the ramp is 9.5% to 10.5% at the lower portion and 10.3 to 10.9% at the top.
3	Wiecking	First Floor	Main Entrance from the South	The walk to the entrance is sloped at 4% with a 2.7% - 3.5% cross slope.
8	Accessible Route West Campus - Ellis Ave & West		Accessible route along West Road - curb ramp at southwest corner of South and West Roads	The curb ramp slopes at 14.2% and should have a complaint slope no greater than 8.3%
9	Accessible Route West Campus - Ellis Ave & West		Accessible route along west side of West Road - from Sears entrance to the south curb ramp	The cross slope of the walkway varies from 2.7 - 2.8%
10	Accessible Route West Campus - Ellis Ave & West		Walkway at south curb ramp in front of Sears, crossing West Road	The cross slope of the walkway at the top of the ramp is 4.8% and should be no greater than 2%.
11	Accessible Route West Campus - Ellis Ave & West		Curb ramp on the east side of West Road opposite Sears entrance	The slope of the gutter pan to the curb ramp is 11.5% and should be no greater than 8.3%
12	Accessible Route West Campus - Ellis Ave & West		East side of West Road - to South Road	The cross slope of the walkway is 3.0% at the bus stop, remains around 2.4% up to the driveway near the south end. Both portions of the walkway north and south of the driveway have cross slopes of 3.7% and 5.4% in the driveway. The cross slope stays at 2.8% to the corner where it increases to 5% at the top of the curb ramp.
13	Accessible Route West Campus - Ellis Ave & West		North side walkway along South Road from the northeast corner heading to the east.	The cross slope near the corner and non-compliant curb ramp is 3.5 - 3.9% for approximately 50 feet and then reduces to 2.2%.
14	Accessible Route West Campus - Ellis Ave & West		The driveway which crosses the walkway along the north side of South Road	The cross slope at the driveway ranges from 4.6% on the west to 2.8% on the east with gaps greater than 1/2" at the west transition from the walkway to the drive area.
15	Accessible Route West Campus - Ellis Ave & West		North walkway along South Road from the driveway to the east side of CSU	The walkway cross slope is greater than 2% for most of this section - it starts at 3.% at the drive, diminishes to 1.6% at the center of the parkway and increases to more than 5% in front of the entrance to CSU. The walkway slopes from the drop-off area to the building entrance.
16	Accessible Route West Campus - Ellis Ave & West		Curb ramp on north side of South Road at northeast corner of Ellis Avenue and South Road	There is a change of level greater than 1/2" between the curb ramp and gutter pan and between the gutter pan and the street. 1/2" is the maximum allowed and only when beveled at 1:2.

Exterior Route and Parking - Accessibility Report

	Building	Location	Element	Describe Barrier or Condition
17	Accessible Route West Campus - Ellis Ave & West		Curb ramps north and south of the Sears Res. Community parking area driveway	The south curb ramp has a slope of 14.2% in the gutter pan from the ramp; 8.3% is the maximum for compliance. The ramp on the north side has a break between the asphalt and concrete with a gap that is more than 1" wide and more than 1/2' deep. The gutter pan and curb ramp slope at 9.4% and have a 1" gap that is more than 1/4" depth between them.
18	Accessible Route West Campus - Ellis Ave & West		Curb ramps north and south of the Sears Res. Community parking area	The cross slope at the top of the north curb ramp is 4.3% and should be no more than 2%.
19	Accessible Route West Campus - Ellis Ave & West		Parking area at Sears Residence Community	There are one or two accessible parking spaces but gutter of the curb ramp from the access aisle slopes at 8.6% and the entire walkway slopes along the top of the parking spaces with a cross slope of 6.2% and should be no more than 2%.
20	Accessible Route West Campus - Ellis Ave & West		Curb ramps at the south and north sides of the Utility Plan driveway at Maywood Avenue	The south curb ramp slopes at 10.0 - 10.7% and should be no more than 8.3%. At the bottom of the curb ramp, there is a gap of several inches and change of level greater than 1". The north curb ramp has a gap and change of level of more than 1/4" between the gutter pan and the street.
21	Accessible Route West Campus - Ellis Ave & West		Walkway south of Crawford Residence Community, nearest A Hall	The walkway has a cross slope of 3.1% or more for approximately 20 feet as it turns east and then has a cross slope of 4.6%.
22	Accessible Route West Campus - Ellis Ave & West		Walkway to A Hall	The first five feet of the entrance walkway has a running slope of 10.0% and should be no more than 5% or there must be handrails on both sides and a landing at the top and bottom of the ramp section.
23	Accessible Route West Campus - Ellis Ave & West		The entrance to A Hall	The slab at the entrance is higher than the walkway and has a change of level with a 1/2" or more gap. As a result the maneuvering clearance (18" on the pull side extending 60' back) is not provided.
24	Accessible Route West Campus - Ellis Ave & West		North/south walkway to Crawford entrance	The walkway closest to the curb ramp at the south end has a cross slope of 5.7% and the north section - about 50 feet - has cross slopes that exceed 3% (3.3 - 4.7%).
25	Accessible Route West Campus - Ellis Ave & West		Crawford Entrance walkway	The walkway has a cross slope of 2.5% and there is a gap that is more than 1" wide and more than 1/2" from the concrete at the entrance to the level of the parking area asphalt.
26	Accessible Route West Campus - Ellis Ave & West		Walkway and curb ramps west of Memorial Library and the Centennial Student Union	The curb ramp from the parking area extends across the entire walkway and has a 2.6 - 3.1% cross slope when traveling in the north/south direction.
27	Accessible Route West Campus - Ellis Ave & West		Walkway and curb ramps west of Memorial Library and the Centennial Student Union	The curb ramp on the CSU side of parking has an 11% slope in the gutter pan and it should be 8.3% maximum with a 5% maximum rise into the street or parking area.
28	Accessible Route West Campus - Ellis Ave & West		Walkways around the central Fountain	The cross slope of the walkway at the southeast entrance is 4.2%, and 2.6 - 3.0% for approx 25 feet going further east.
29	Accessible Route West Campus - Ellis Ave & West		Walkways around the central Fountain	The running slope of the north sloped walkway from the fountain area down to the main north/south walkway ranges from 2.3% at the top to 4.6% in the middle and 6.3% and 8.7% at the lowest portion. There are no handrails. The sloped walkway on the south side is compliant.
30	Accessible Route West Campus - Ellis Ave & West		Walkways around the central Fountain	A portion of the walkway along the north side of the fountain has a cross slope of 3.0 - 4.0%. This section starts near the bike rack and extends east approximately 70 feet.

Exterior Route and Parking - Accessibility Report

	Building	Location	Element	Describe Barrier or Condition
31	Accessible Route West Campus - Ellis Ave & West		North Memorial Library west entrance area on Maywood Avenue	The curb ramp on the east side of the Maywood Ave. driveway has a cross slope of 3.2% and running slope of 9.4% with a 1/2' wide and deep gap between the ramp and gutter pan. The gutter pan slopes at 12.4%. The cross slope of the curb ramp west of the driveway is 5.2%.
32	Accessible Route West Campus - Ellis Ave & West		North Memorial Library west entrance area on Maywood Avenue	The curb ramp on the north side of the street (into the parkway next to the parking at McElroy and Carkoski) has a slope of 5.5% in gutter pan to the street and 14.6% in the gutter pan to the curb ramp. There is a change of level greater than 1/4" and not beveled between the gutter pan and the curb ramp. (The curb ramp slopes at 6.2% and is compliant.)
33	Accessible Route West Campus - Ellis Ave & West		North Memorial Library west entrance area on Maywood Avenue	The slope of the curb ramp on the inside of the parkway, the parking side, is compliant at 5.1%; however the gutter pan to the asphalt is 9.9% and the slope of the gutter pan to the curb ramp is 13.2%.
34	Accessible Route West Campus - Ellis Ave & West		Curb ramp at the entrance to McElroy and leading to Carkoski Commons	The asphalt in front of the curb ramp has changes of level and gaps that exceed 1/2" and the slope of the gutter pan to the curb ramp is 8.9% causing a serious drop into the gutter pan. The curb ramp is compliant at 4.1%
35	Accessible Route West Campus - Ellis Ave & West		Walkway to Carkoski Commons and the Student Health Services	The cross slope on the east/west walkway to Carkoski ranges from 2.6% to 3.4%
36	Accessible Route West Campus - Ellis Ave & West		Curb ramp at the Student Health Services	The slope of the curb ramp leading to Student Health Services creates a cross slope for the east/west walkway and the gutter pan leading to the curb ramp is sloped at 13.2% providing a serious drop into the gutter. There is a change of level of more
37	Accessible Route West Campus - Ellis Ave & West		Ellis and Maywood - Southwest at Library	The slope of the gutter pan to the curb ramp is 9.8% and should be no greater than 8.3%. The gutter rounds into the lower gutter pan creating a drop of more than 1/4".
38	Accessible Route West Campus - Ellis Ave & West		Ellis and Maywood - Northwest at Lot 13	no information but needed for access to McElroy and Weicking
39	Accessible Route West Campus - Ellis Ave & West		Ellis and Maywood - Southeast at Nelson Hall	The gutter pan to the curb ramp slopes at 10.1%.
40	Accessible Route West Campus - Ellis Ave & West		Ellis and Maywood - Northeast near Performing Arts Center	The upper gutter pan rolls and drops into the lower gutter pan creating a drop of more than 1/2" and there is a change of level at the street greater than 1/2".
41	Accessible Route West Campus - Ellis Ave & West		Curb ramp from Lot 13 to the accessible route along Ellis Avenue	The gutter pan of the curb ramp has a slope of 11.5% at the top and 5.2% at the transition to the parking surface.
42	Accessible Route West Campus - Ellis Ave & West		Route into McElroy I Hall	The angled walkway (the most direct route) has a cross slope of 8.0% and the straight walkway has a running slope of 8.1 and 9.3% at the top with no handrails. Both walkways are non-compliant.
43	Accessible Route West Campus - Ellis Ave & West		Route into McElroy H Hall	The angled walkway (direct route) has a cross slope of 8.1% and the straight walkway has a running slope of 6.8 without handrails. Both walkways are non-compliant.
44	Accessible Route West Campus - Ellis Ave & West		Route into the main entrance of McElroy Res. Community	The angled portion of the walkway has a cross slope of 2.9 - 3.0% and should be no greater than 2.0%.
45	Accessible Route West Campus - Ellis Ave & West		McElroy Res. Community entrance and route from parking	The entrance walkway slopes at 4.9%. This is acceptable as the running slope for the route from parking to the entrance, but is also the cross slope from the walkway from Ellis to the entrance. The east west walkway also has a cross slope of 2.7 - 4.3%. There is a 3/4" change of level from the entrance walkway to the parking area surface.
46	Accessible Route West Campus - Ellis Ave & West		Accessible route across parking area drive from south walkway to north	The slope of the upper portion of south curb ramp gutter pan slopes at 19.1% and should be no greater than 8.3%.

Exterior Route and Parking - Accessibility Report

	Building	Location	Element	Describe Barrier or Condition
47	Accessible Route West Campus - Ellis Ave & West		Accessible route across parking area drive from south walkway to north	The slope of the lower portion of the north curb ramp gutter pan is 7.8% and should be no greater than 5%.
48	Accessible Route West Campus - Ellis Ave & West		Accessible route across parking area drive from south walkway to north	The slope of the north curb ramp is 4.2%. This is acceptable for the curb ramp, but it extends into the area of the walkway into G Hall. This means a cross slope of 4.2% going into the G Hall entrance walkway.
49	Accessible Route West Campus - Ellis Ave & West		Route into G Hall	The cross slope at the entrance is 2.6% and there is a vertical change of level at the door greater than 1/4".
50	Accessible Route West Campus - Ellis Ave & West		Entrance to F Hall	There is vertical change of level at the door greater than 1/4".
51	Accessible Route West Campus - Ellis Ave & West		Birchwood & Ellis curb ramps	The southwest curb ramp has a slope of 6.8% in the gutter pan leading to the street where the slope should be no greater than 5%. The upper portion of the gutter drops and rolls into the lower portion creating a change of level greater than 1/4".
52	Accessible Route West Campus - Ellis Ave & West		Birchwood & Ellis curb ramps	The southeast curb ramp (going toward the bus stop) has a slope of 21.4% from the gutter pan to the curb ramp and the curb ramp is sloped at 9.8%. Both should be no greater than 8.3%.
53	Accessible Route West Campus - Ellis Ave & West		Birchwood & Ellis curb ramps	The northwest curb ramp is sloped at 17.5% with an abrupt change of level at the bottom of the gutter pan and a rise of 7.8% into the street.
54	Accessbile Route - East Campus		Curb ramp at the northeast corner of Ellis Ave. and Stadium Road	The curb ramp slopes at 10.8% and the gutter pan slopes at 11.8% - both should be no more than 8.3%. The gutter pan sloping up to the street slopes at 9.5% and should be no more than 5%.
55	Accessbile Route - East Campus		Curb ramp on the southeast corner of Ellis Ave. and Stadium Road	The curb ramp arcs around the entire corner providing a cross slope which is also the running slope for the ramp. The cross slope is 6.6% and should be no more than 2%. The gutter pan to the street slopes at 6.1% and should be no more than 5%; and there is a change of level greater than 1/2" at the street.
56	Accessbile Route - East Campus		Walkway along Ellis Ave south of Stadium Road	The cross slope of the walkway is 3.3% and should be no more than 2%.
57	Accessbile Route - East Campus		Curb ramp at south end of walkway to cross Ellis Ave.	The curb ramp slopes at 7.5% which is compliant, but does not have a flat area at the top as required.
58	Accessbile Route - East Campus		Curb ramp at the southwest corner of the entrance to the Gage Res.	At the joint of the gutter pan to the street there is a change of level greater than 1/4 and not beveled. The gutter pan rolls and has a change of level of greater than 1" and results in a slope of 13.0% rather than 8.3%.
59	Accessbile Route - East Campus		East walkway into Gage Residence Community	The slope of the walkway is 6.2% and there are no handrails; compliant handrails are required on both sides when the slope exceeds 5%.
60	Accessbile Route - East Campus		East walkway into Gage Residence Community	The curb ramp into the parking area has a change of level of 1" with a slope that is about 1:1.

Exterior Route and Parking - Accessibility Report

	Building	Location	Element	Describe Barrier or Condition
61	Accessbile Route - East Campus		Curb ramp at parking area and route to ball fields	The top part of the gutter pan, going up to the curb ramp, slopes at 17.1% and should be no higher than 8.3%.
62	Accessbile Route - East Campus		Route along Stadium Road from Ellis Ave. east to the stadium and tennis court entrances	The cross slope of the walkway is 3.0% or greater for the entire walkway.
63	Accessbile Route - East Campus		Route along Stadium Road from Ellis Ave. east to the stadium and tennis court entrances	At the west driveway from the parking area the cross slope increases to 7.7%.
64	Accessbile Route - East Campus		Cross walk from the south to the north side of Stadium Road at the Entrance to Myers Field House	The south curb ramp has slope of 14.0% at the gutter pan and a sharp dip into the gutter and up to the street with a slope of 6.8%. (Running slopes at curb ramps should be no more than 8.3% and 5.0% into the street.)
65	Accessbile Route - East Campus		Cross walk from the south to the north side of Stadium Road at the Entrance to Myers Field House	The curb ramps in the median roll from the upper gutter pan into the lower gutter pan causing a slope greater than 8.3% and a drop greater than 1/2".
66	Accessbile Route - East Campus		Cross walk from the south to the north side of Stadium Road at the Entrance to Myers Field House	The curb ramp on the west side of the street has a change of level greater than 1/2" between the sidewalk and the gutter pan. The cross slope of the walkway above the curb ramp is 2.5%
67	Accessbile Route - East Campus		East-west walkway along Stadium Road at Myers Field House	The cross slope of the walkway ranges from 5.7 - 5.9% at the stair area and near the sloped walkway into the building.
68	Accessbile Route - East Campus		Curb ramp and cross walk from Taylor Center to Ford Hall & Arboretum	The cross walk at the north Taylor entrance has a cross slope of 2.5%. The curb ramp leading north toward Ford Hall has a slope of 9.5% and should be no more than 8.3%. There is a gap between the curb ramp and east west walkway that is more than 1/2" wide and deep. The gutter pan has a slope of 14.9% where it rolls and drops into the lower portion of the gutter - this should be a slope of no more than 8.3% without a change of level.
69	Accessbile Route - East Campus		Accessible Route to Ford Hall	The east-west walkway at the entrance to Ford is sloped at 5.5% to the street. This provides a cross slope in excess of 2.0% along the north-south accessible route.
70	Accessbile Route - East Campus		Accessible Route to Ford Hall	The sloped walkway in the north direction slopes at up to 6.5%, but no handrails are provided.
71	Accessbile Route - East Campus		Curb ramp at Warren Street at driveway into Taylor, Ford and Trafton	The east-west walkway leading to the curb ramp has a running slope of 7.7 to 9.7% and should be no greater than 8.3% throughout with handrails on both sides. The section of the walkway which intersects with the north-south walkway has a cross slope of 5.5%.
72	Accessbile Route - East Campus		Curb ramp at Warren Street at driveway into Taylor, Ford and Trafton	There is a horizontal transition from the curb gutter pan to the street that is greater than 1/2".
73	Accessbile Route - East Campus		Taylor Ctr. East entrance from parking area	The north-south walkway adjacent to the parking spots has a cross slope of 3.8% and it should be no greater than 2%.
74	Accessbile Route - East Campus		Taylor Ctr. East entrance from parking area	The curb ramp from the parking area into the front entrance has a vertical drop to the asphalt that is approx 5/8" and is not beveled.
75	Accessbile Route - East Campus		Driveway along Warren	The cross slope of the north south walkway exceeds 2% at the driveway.
76	Accessbile Route - East Campus		Walkway into Trafton Center from the Arboretum	Portions of the asphalt walkway are uneven and have cross slopes greater than 2%.
77	Accessbile Route - East Campus		Walkway into Trafton Center from the Arboretum	The walkway running slope varies from 6.3 - 6.9% and there are no handrails. The walkway extends more than 30 feet without a landing.
78	Accessbile Route - East Campus		Trafton East - east entrance	The ramped route from the south has a compliant slope at less than 8.3 and landing that is less than 2%, but there are handrails on one side only.
79	Accessbile Route - East Campus		Ramped walkways between Trafton and Armstrong / Highland and Wissink	The sloped walkways are more than 5%, but less than 8.3% and there are no handrails.

Exterior Route and Parking - Accessibility Report

	Building	Location	Element	Describe Barrier or Condition
80	Accessbile Route - East Campus		Trafton East - north entrance	The entrance from parking Lot 10 does not have an accessible route to the entrance. The curb ramp adjacent to the two accessible parking stalls is not compliant. The ramp slopes into the walkway at an angle so there is a cross slope in excess of 2% and the width of the curb ramp is less than 3'-0".
81	Accessbile Route - East Campus		North entrance to Nelson Hall	The route has cross slopes of 2.8% - 3.0% at the top and up to 6.8% at the bottom. The running slope is compliant.
82	Accessbile Route - East Campus		North entrance to Nelson Hall	The east west walkway at the bus stop at this corner has cross slopes that ranges from 3.3 to 4.0%.
83	Accessbile Route - East Campus		Walkways at Morris, Highland and Pennington Halls	The east-west walkway along the south side of Morris hall has cross slopes that range from 3.7% at the west and up to 6.3% at the east end.
84	Accessbile Route - East Campus		Walkways at Morris, Highland and Pennington Halls	The round area of the walkway which is the transition from parking and access routes to Morris, Highland and Pennington Halls has a cross slope of 4.1% depending upon the direction one is walking.
85	Accessbile Route - East Campus		Walkways at Morris, Highland and Pennington Halls	The curb ramp from the rounded transition area to the parking lot has a slope of 8.7% at the curb ramp, a cross slope of 2.7% and a change of level greater than 1/2".
86	Accessbile Route - East Campus		Walkways at Morris, Highland and Pennington Halls	The north-south walkway between Morris and Highland Center toward Armstrong has a cross lope of 3.9% and should be no greater than 2.0%.
87	Accessbile Route - East Campus		Walkways at Morris, Highland and Pennington Halls	The north-south walkway in front of Pennington going toward Otto/Highland has a cross slope that ranges from 2.8 to 4.4% from the transition area on the north extending approximately ten feet beyond Pennington's entrance.
88	Accessbile Route - East Campus		Walkways at Morris, Highland and Pennington Halls	The curb ramp from the parking area into the south Pennington entrance has a slope of 9.5% with a drop of 1/2" from the curb ramp to the gutter pan . The gutter pan slopes rolls from top to bottom with a rise of 14.4% where it should be no more than 8.3% with no abrupt changes of level.
89	Accessbile Route - East Campus		North entrance to Morris Hall	The cross slope of the walkway nearest the building entrance is 6 and 4.2% as it approaches the door.
90	Accessbile Route - East Campus		Walkway between Wissink and Nelson Hall	The walkway has a cross slope in excess of 2% in the north south direction.
91	Accessbile Route - East Campus		Curb ramps crossing Maywood Avenue at Wissink to the Performing Arts Center	The cross slope on the east-west walkway above the curb ramp on the south side of Maywood is 2.3% and the curb ramp slopes at 10.2%.
92	Accessbile Route - East Campus		Curb ramps crossing Maywood Avenue at Wissink to the Performing Arts Center	The gutter pan of the curb ramp on the north side of Maywood has a vertical change of level greater than 1/2".
93	Accessbile Route - East Campus		Ramp from the Performing Arts Ctr Plaza to parking	The route from the accessible walkway to the parking area has a curb ramp sloped at 10.3%, a rolled slope in the gutter pan with a change of level greater than 1/2".
94	Accessbile Route - East Campus		North entrance to the Performing Art Center	There is a 1 1/2" gap that is more than 1/2" deep at the transition from the ramp to the parking surface.
95	Accessbile Route - East Campus		Accessible Route to the south entrance of Weicking Center	Curb ramp across Val Imm Drive
96	Accessbile Route - East Campus		Accessible Route to the south entrance of Weicking Center	The sloped walkway does not have a flat transition where it changes direction.
97	Accessbile Route - East Campus		Accessible Route to the south entrance of Weicking Center	The walkway into the building slopes has an accessible route and a sloped area on the east side creating a curb ramp to parking. The area slopes at 10.7% and does not have flares at the sides. The transition to the parking surface has a change of level that is approximately 1/2" with a sloped edge, but the condition of the transition is very unstable.
98	Accessbile Route - East Campus		Accessible Route to the north entrance of Weicking Center	The upper part of the gutter pan at the curb ramp from the parking area slopes at 10.2% and should be 8.3% max.
99	Parking Areas		General Issues - Location	In many instances the curb ramps leading to the accessible route or facility being served are not compliant.

Exterior Route and Parking - Accessibility Report

	Building	Location	Element	Describe Barrier or Condition
100	Parking Areas		General Issues - Slope and Surface	Accessible spaces and access aisles must have slopes no greater than 1:50 or 2% in any direction (running, cross slope or diagonal). Many parking spaces have slopes in excess of 2% for at least a portion of the space or access aisle. Many parking spaces have irregular surfaces or breaks in the asphalt that result in changes of level greater than 1/4" or gaps in the surface.
101	Parking Areas		General Issues - Signage	Van accessible spaces are generally not marked with complaint signage indicating that they are "van accessible".
102	Parking Areas		Lot 1 - Soccer and Softball Area	under construction
103	Parking Areas		Lot 2 - South of Gage Residence Community	no accessible spaces provided
104	Parking Areas		Lot 3 - North of Gage Residence Community	Two spaces are provided. Neither one is van accessible.
105	Parking Areas		Lot 4 and street parking along South Road at CSU	Four parking spaces across from CSU are marked as accessible parking, but do not have the required access aisles for each space and no van accessible parking is provided. As a result, no compliant parking is provided for visitors to the campus.
106	Parking Areas		Lot 4 and street parking along South Road at CSU	The ramp is sloped at 15.9% and there are non-compliant handrails. Handrails are located on one side only, do not have edge protection and top & bottom extensions.
107	Parking Areas		Lot 5 - North of Taylor Center	There are two accessible spaces marked. Neither one is marked as van accessible.
108	Parking Areas		Lot 5 - North of Taylor Center	The access aisle has a slope of 3.0% at the top and should have slopes no greater than 2% in any direction.
109	Parking Areas		Lot 6 - East of Ellis Ave. and adjacent to Morris Hall	Fourteen spaces are provided and four have 8 foot access aisles but do not have signs indicating they are van accessible.
110	Parking Areas		Lot 6 - East of Ellis Ave. and adjacent to Morris Hall	The two middle spaces of the two middle rows of parking and their access aisles have cross slopes that range from 2.9% on the south to 4.9% on the north. The space furthest to the north on the east middle row has a cross slope of 4.0% at the top of the space. The slopes should be no greater than 2% in both directions.
111	Parking Areas		Lot 6 - East of Ellis Ave. and adjacent to Morris Hall	There are two curb ramps, one at Morris hall and one at Pennington. Both are non-compliant and are noted in the exterior route reports above.
112	Parking Areas		Lot 7 - Blakeslee Stadium	under construction
113	Parking Areas		Lot 8 - South of Taylor Center	no accessible parking provided
114	Parking Areas		Lot 9 - East of Taylor Center	Four compliant accessible spaces provided, but none are van accessible.
115	Parking Areas		Lot 9 - East of Taylor Center	The curb ramp is not compliant as it has a change of level greater than 1/2". This is noted in item 45 of the Exterior Route Report.
116	Parking Areas		Lot 10 - Trafton East	There are two spaces marked as accessible, but only one has an access aisle. There is no van accessible space. The route to the entrance is not accessible as noted in item #50 of the Exterior Route Report.
117	Parking Areas		Lot 11 - Memorial Library & Centennial Student Union	There are 8 accessible spaces, 4 on the north and 4 on the south. None are van accessible.

Exterior Route and Parking - Accessibility Report

	Building	Location	Element	Describe Barrier or Condition
118	Parking Areas		Lot 11 - Memorial Library & Centennial Student Union	The spaces on the north have running slopes in excess of 2%. From east to west the slopes are as follows: - the first access aisle has a running slope of 3.7% at the top and 2.6% at the bottom - the second access aisle has a running slope of 5.1% at the top and 3.8% at the bottom - the third access aisle has a running slope of 2.9% at the top and 2.7% at the bottom - the first three spaces have comparable running slopes over 2% and the fourth, along with its access aisle, is under 2%
119	Parking Areas		Lot 11 - Memorial Library & Centennial Student Union	Curb ramps to the accessible routes are not compliant as indicated in item #18 of the Exterior Route Report.
120	Parking Areas		Lot 12 - Memorial Library	not seen
121	Parking Areas		Lot 13 - north of Maywood Avenue	Nine accessible spaces are marked, but not all are compliant. Four spaces are located at Crawford Residence Community, one is located in front of Student Health Services and four at the east end near Ellis Avenue. One of the spaces near Ellis Avenue meets the size requirements for a van accessible stall, but the signage does not indicate that it is van accessible.
122	Parking Areas		Lot 13 - north of Maywood Avenue	Two of the four spaces at the entrance to Crawford share an access aisle. While this is not prohibited by Section, local code (with ANSI) may not allow diagonal spaces to share an access aisle.
123	Parking Areas		Lot 13 - north of Maywood Avenue	The space in front of the Student Health Services is not compliant. It does not have an access aisle or a loading area as required.
124	Parking Areas		Lot 13 - north of Maywood Avenue	The two accessible spaces on the north side of the parking area near Ellis Avenue have complaint slopes except for the access aisle to the east which is part of the accessible route. The slope at the top of the space is 4.8% and should be no more than 2%. The asphalt in this area has a crack that continues across both spaces and access aisles and has vertical changes of level of 1/2".
125	Parking Areas		Lot 13 - north of Maywood Avenue	The two accessible spaces on the south side near Ellis Avenue have complaint slopes but the condition of the asphalt is very irregular, including the condition of the surface from the access aisles to the curb ramp and accessible route to the north. The space on the east has an access aisle that is 44" wide and should be 60' wide.
126	Parking Areas		Lot 13 - north of Maywood Avenue	The curb ramp to the accessible route at Ellis Avenue is not compliant as noted in item #24 of the Exterior Route Report.
127	Parking Areas		Lot 14 - Carkoski Commons	no accessible parking provided
128	Parking Areas		Lot 15 - McElroy Residence Community	Four accessible spaces are provided and none are van accessible.
129	Parking Areas		Lot 15 - McElroy Residence Community	The two spaces to the south have running slopes at the top that range from 2.9% in the access aisle and 3.2% in the parking spaces. The access aisle also has a running slope of 2.7% at the bottom portion.
130	Parking Areas		Lot 15 - McElroy Residence Community	The curb ramp at the entrance is not compliant as noted in item #27 of the Exterior Route Report.
131	Parking Areas		Lot 16 - Performing Arts Center	Three accessible spots were found. None are van accessible.
132	Parking Areas		Lot 17 - Weicking Center north	There is one van accessible parking space.
133	Parking Areas		Lot 18 - Weicking Center south	Two spaces are provided, one is van accessible with a sign. The condition of the asphalt in the accessible space and the route is very irregular with gaps and changes of level greater than 1/2".
134	Parking Areas		Lot 19 - Alumni Foundation Center	Two accessible spaces are provided, neither is van accessible.

Exterior Route and Parking - Accessibility Report

	Building	Location	Element	Describe Barrier or Condition
135	Parking Areas		Lot 19 - Alumni Foundation Center	The running slope of the accessible spaces is greater than 2% - the slope measures 4.2% at the bottom of the west space and 5.6 and 4.1% at the top and bottom of the access aisle. (The east space was blocked with a car.)
136	Parking Areas		Lot 19 - Alumni Foundation Center	The curb ramp into the building is not compliant. This is noted on the building report.
137	Parking Areas		Lots 20 - 23 - Remote lots	no accessible parking provided
138	Parking Areas		Parking area at Sears	There are one or two accessible parking spaces marked with blue paint and access aisles in the parking area at Sears. There are no signs and one of the signs should indicate that the space is van accessible.
139	Parking Areas		Parking area at Sears	The curb ramp and accessible route into the building are not compliant as indicated in item # 11 of the Exterior Route Report.
140	Parking Areas		Street Parking	None of the street parking is compliant as there are no access aisles as required.

**HEAPR Projects
2008-Present**

Planning and Construction
5/13/2013

Funding Year	Building	Project Name	Amount	Description	Notes
2008	Morris Addition	MH Add Exterior	\$239,897	Removed and replaced rusting and deteriorated window lintels	Completed
2008	Armstrong Hall	AH Exterior She	\$350,112	Removed and replaced stone with failing anchors around select windows.	Completed
2008	Wigley Admin.	WA Exterior She	\$205,661	Removed and replaced rusting and deteriorated window lintels	Completed
2008	Utility Plannt	UP Boiler Burne	\$495,373	Replaced burner control unit and installed stack heat recovery unit	Completed

2008 Total \$1,291,043

2009	Highland North	HN Gym upgrad	\$402,507	Replaced wood gym floor and installed HVAC cooling for gym and racquet ball courts	Completed
2009	Memorial Library & Performing Arts	ML/PA Elevator	\$374,734	Replaced one elevator in Memorial Library and one Performing Arts	Completed
2009	Morris Hall & Highland North	MH/HN Switchg	\$160,825	Replace the main switch gear and motor control centers in Morris Hall and Highland North	Completed
2009	Memorial Library	ML Data Center	\$222,885	Replaced the computer center machine room air conditioners	Completed
2009	Nelson Hall	NH Air Handler	\$391,320	Replaced several small units with center units serving the lower level and the stack 1st and 2nd floor	Completed
2009	Alumni Building	AF Rooftop Rep	\$46,628	Replaced 3 of the four rooftop units that serve the building.	Completed
2009	Wiecking Center	WC Perimeter R	\$387,439	Replace steam radiators with hotwater systems. Phase on included mechanical room equipment and approximately 1/2 of building fin tube.	Completed
2009	Multible	Duct Cleaning	\$53,465	Cleaned air ducts in portions of Wissink, Performing Arts and Armstrong Hall	Completed

2009 Total \$2,039,803

2010	Nelson Hall	Nelson Hall HVA	\$289,151	Replace HVAC for north shops area and upgraded select restrooms (note \$152,897 transferred from FY08 HEAPR to supplement)	Completed
2010	Performing Arts	PA Replace HVA	\$237,090	Replaced three HVAC units (5, 6 and 7) servering the band room, choir room and scene shop with one central AHU	Completed
2010	Memorial Library	ML Elevator Rep	\$185,392	Replaced the public elevator with new code compliant unit	Completed
2010	Highland North	HN HVAC Repla	\$795,543	Replaced central air handling units serving the offices and locker rooms along with the HVAC control systems. Project included new flooring,	Completed
2010	Morris Hall & Addition	HVAC Design	\$90,000	Design services for HVAC and exterior envelope improvements	Completed

**HEAPR Projects
2008-Present**

Planning and Construction
5/13/2013

2010	Wiecking Center	WC Perimeter R	\$284,335	Replace the remaining 1/2 of building steam fin tube with hot water fin tube.	Completed
2010	Memorial Library	ML Fascia	\$155,541	Replaced failing stone fascia panels with metal panels	Completed
2010	Infrastructure	South Road	\$146,657	Replaced watermain and restored deteriorate road surface at South Road by Trafton and Ford Hall	Completed
2010	Multiple	ADA Code Comp	\$107,780	Set aside for ADA Code Compliance projects	Completed

2010 Total \$2,291,489

2011	Memorial Library	ML Reroof 2011	\$1,414,864	Replaced library roof for 2/3 of building. Included upgrades and cooling tower and outdoor air intakes.	Completed
2011	Wigley Admin.	WA Elevator Re	\$163,122	Replaced the elevator, car, jack, pump and controls	Completed
2011	Highland North	HN Elevator Rep	\$156,136	Replaces the elevator pump, car and controls	Winter break 2012/13
2011	Wigley Admin.	WA Electrical Ge	\$76,678	Replaces the building switch gear and motor control centers	Spring break 2013
2011	Chiller Plant	Chiller Plant Upg	\$35,200	Controls and programing upgrades for improved plant management	Spring of 2013

2011 Total \$1,846,000

2012	Morris Hall	MH HVAC Up	\$1,650,000	Complete HVAC replacement for Morris Hall and includes exterior shell upgrades with windows and soffits.	Summer 2013
------	-------------	------------	-------------	--	-------------

2012 Total \$1,650,000

Grand Total \$9,118,335

Backlog & 5 YR Forecast by Subsystem

Campus Name: MSU Mankato

Building Name: Alumni Foundation Bldg CRV(000's): \$4,954 Building No.: 071S1888 GSF: 17,400 Year Built: 1989 FCI: 0.00

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
c.1. Elevators	\$0	\$47	\$0	\$0	\$0	\$0	\$47
k.1. Built-in Equipment	\$0	\$109	\$0	\$0	\$0	\$0	\$109
TOTAL BY BUILDING	\$0	\$156	\$0	\$0	\$0	\$0	\$156

Building Name: Andreas Observatory CRV(000's): \$530 Building No.: 071S1989 GSF: 1,863 Year Built: 1990 FCI: 0.22

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
a.5. Roofing - Built-up, Membrane, Cedar	\$116	\$0	\$0	\$0	\$0	\$0	\$116
k.1. Built-in Equipment	\$0	\$0	\$12	\$0	\$0	\$0	\$12
l.2. Interior Finishes	\$0	\$0	\$0	\$0	\$10	\$0	\$10
TOTAL BY BUILDING	\$116	\$0	\$12	\$0	\$10	\$0	\$138

Building Name: Andreas Theatre Addtion CRV(000's): \$5,543 Building No.: 071S10500 GSF: 19,469 Year Built: 2000 FCI: 0.00

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
l.2. Interior Finishes	\$0	\$0	\$213	\$0	\$0	\$0	\$213
TOTAL BY BUILDING	\$0	\$0	\$213	\$0	\$0	\$0	\$213

Building Name: Armstrong Hall CRV(000's): \$40,990 Building No.: 071S0663 GSF: 143,966 Year Built: 1964 FCI: 0.09

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
a.5. Roofing - Built-up, Membrane, Cedar	\$0	\$0	\$0	\$0	\$1,264	\$0	\$1,264
b.1. Building Exteriors (Hard)	\$1,021	\$0	\$0	\$0	\$0	\$2,625	\$3,646
d.2. HVAC - Controls	\$91	\$0	\$0	\$0	\$0	\$815	\$906
d.1. HVAC - Equipment	\$206	\$0	\$0	\$0	\$0	\$2,711	\$2,917
e.1. HVAC - Distribution	\$340	\$817	\$0	\$0	\$0	\$3,811	\$4,969

Backlog & 5 YR Forecast by Subsystem

Campus Name: MSU Mankato

Building Name: Armstrong Hall

CRV(000's): \$40,990 Building No.: 071S0663 GSF: 143,966 Year Built: 1964 FCI: 0.09

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
f.1. Electrical Equipment	\$553	\$0	\$0	\$0	\$0	\$0	\$553
g.1. Plumbing Fixtures	\$262	\$0	\$0	\$0	\$0	\$0	\$262
g.2. Plumbing Rough-in	\$763	\$0	\$0	\$0	\$0	\$763	\$1,525
k.1. Built-in Equipment	\$362	\$0	\$0	\$0	\$0	\$0	\$362
l.2. Interior Finishes	\$0	\$0	\$0	\$0	\$802	\$0	\$802
TOTAL BY BUILDING	\$3,598	\$817	\$0	\$0	\$2,066	\$10,725	\$17,206

Building Name: Blakeslee Stadium

CRV(000's): \$5,536 Building No.: 071S0260 GSF: 19,443 Year Built: 1963 FCI: 0.04

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
a.3. Roofing - Metal, Concrete	\$0	\$0	\$0	\$0	\$0	\$475	\$475
a.5. Roofing - Built-up, Membrane, Cedar	\$0	\$91	\$0	\$0	\$0	\$0	\$91
b.1. Building Exteriors (Hard)	\$137	\$0	\$0	\$0	\$0	\$0	\$137
f.1. Electrical Equipment	\$75	\$0	\$0	\$0	\$0	\$0	\$75
g.1. Plumbing Fixtures	\$0	\$0	\$0	\$0	\$71	\$0	\$71
TOTAL BY BUILDING	\$212	\$91	\$0	\$0	\$71	\$475	\$849

Building Name: Centennial Student Union

CRV(000's): \$59,902 Building No.: 071S8066 GSF: 210,388 Year Built: 1967 FCI: 0.05

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
b.1. Building Exteriors (Hard)	\$334	\$0	\$0	\$0	\$0	\$0	\$334
c.1. Elevators	\$157	\$0	\$0	\$0	\$0	\$0	\$157
d.2. HVAC - Controls	\$437	\$0	\$0	\$0	\$0	\$146	\$582
d.1. HVAC - Equipment	\$201	\$0	\$0	\$0	\$0	\$0	\$201
e.1. HVAC - Distribution	\$710	\$0	\$0	\$0	\$0	\$0	\$710
g.1. Plumbing Fixtures	\$268	\$0	\$0	\$0	\$0	\$0	\$268

Backlog & 5 YR Forecast by Subsystem

Campus Name: MSU Mankato

Building Name: Centennial Student Union

CRV(000's): \$59,902

Building No.: 071S8066

GSF: 210,388

Year Built: 1967

FCI: 0.05

Backlog and 5 year Renewal Forecast by Building (000's)

Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
g.2. Plumbing Rough-in	\$624	\$0	\$0	\$0	\$0	\$0	\$624
k.1. Built-in Equipment	\$26	\$0	\$0	\$0	\$0	\$0	\$26
l.2. Interior Finishes	\$0	\$345	\$207	\$0	\$0	\$0	\$552
TOTAL BY BUILDING	\$2,758	\$345	\$207	\$0	\$0	\$146	\$3,455

Building Name: Crawford Center

CRV(000's): \$67,924

Building No.: 071S5058

GSF: 241,406

Year Built: 1964

FCI: 0.05

Backlog and 5 year Renewal Forecast by Building (000's)

Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
a.5. Roofing - Built-up, Membrane, Cedar	\$507	\$0	\$0	\$0	\$0	\$0	\$507
b.1. Building Exteriors (Hard)	\$1,358	\$906	\$0	\$0	\$0	\$0	\$2,264
c.1. Elevators	\$0	\$0	\$0	\$0	\$0	\$94	\$94
d.1. HVAC - Equipment	\$113	\$0	\$0	\$0	\$0	\$0	\$113
e.1. HVAC - Distribution	\$906	\$1,585	\$0	\$0	\$0	\$0	\$2,491
g.2. Plumbing Rough-in	\$694	\$0	\$0	\$0	\$0	\$0	\$694
k.2 Kitchen	\$0	\$0	\$0	\$0	\$320	\$0	\$320
k.1. Built-in Equipment	\$0	\$0	\$0	\$0	\$377	\$0	\$377
l.2. Interior Finishes	\$0	\$0	\$405	\$374	\$0	\$62	\$841
TOTAL BY BUILDING	\$3,579	\$2,491	\$405	\$374	\$697	\$157	\$7,701

Building Name: Gage Center-link / Commons

CRV(000's): \$12,014

Building No.: 071S5466

GSF: 50,400

Year Built: 1966

FCI: 0.00

Backlog and 5 year Renewal Forecast by Building (000's)

Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
e.1. HVAC - Distribution	\$0	\$0	\$0	\$801	\$0	\$0	\$801
l.2. Interior Finishes	\$0	\$0	\$0	\$0	\$0	\$17	\$17
TOTAL BY BUILDING	\$0	\$0	\$0	\$801	\$0	\$17	\$817

Backlog & 5 YR Forecast by Subsystem

Campus Name: MSU Mankato

Building Name: Gage Tower A

CRV(000's): \$32,616 Building No.: 071S5366 GSF: 110,300 Year Built: 1966 FCI: 0.01

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
c.1. Elevators	\$270	\$0	\$0	\$0	\$0	\$0	\$270
e.1. HVAC - Distribution	\$0	\$0	\$0	\$2,596	\$0	\$0	\$2,596
l.2. Interior Finishes	\$0	\$0	\$0	\$0	\$0	\$178	\$178
TOTAL BY BUILDING	\$270	\$0	\$0	\$2,596	\$0	\$178	\$3,045

Building Name: Gage Tower B

CRV(000's): \$32,616 Building No.: 071S5266 GSF: 110,300 Year Built: 1966 FCI: 0.01

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
c.1. Elevators	\$270	\$0	\$0	\$0	\$0	\$0	\$270
e.1. HVAC - Distribution	\$0	\$0	\$0	\$2,596	\$0	\$0	\$2,596
l.2. Interior Finishes	\$0	\$0	\$0	\$0	\$0	\$89	\$89
TOTAL BY BUILDING	\$270	\$0	\$0	\$2,596	\$0	\$89	\$2,956

Building Name: Highland Center

CRV(000's): \$26,396 Building No.: 071S9362 GSF: 92,710 Year Built: 1962 FCI: 0.00

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
a.5. Roofing - Built-up, Membrane, Cedar	\$0	\$0	\$1,183	\$1,446	\$0	\$0	\$2,629
g.2. Plumbing Rough-in	\$49	\$0	\$0	\$0	\$0	\$0	\$49
l.2. Interior Finishes	\$0	\$0	\$0	\$0	\$456	\$0	\$456
TOTAL BY BUILDING	\$49	\$0	\$1,183	\$1,446	\$456	\$0	\$3,133

Building Name: Highland Center North

CRV(000's): \$10,568 Building No.: 071S10679 GSF: 37,116 Year Built: 1979 FCI: 0.05

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
b.1. Building Exteriors (Hard)	\$257	\$0	\$0	\$0	\$0	\$0	\$257
d.1. HVAC - Equipment	\$98	\$0	\$0	\$0	\$0	\$0	\$98

Backlog & 5 YR Forecast by Subsystem

Campus Name: MSU Mankato

Building Name: Highland Center North

CRV(000's): \$10,568

Building No.: 071S10679

GSF: 37,116

Year Built: 1979

FCI: 0.05

Backlog and 5 year Renewal Forecast by Building (000's)

Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
e.1. HVAC - Distribution	\$84	\$0	\$0	\$0	\$0	\$0	\$84
g.1. Plumbing Fixtures	\$14	\$0	\$0	\$0	\$0	\$0	\$14
g.2. Plumbing Rough-in	\$118	\$0	\$0	\$0	\$0	\$0	\$118
TOTAL BY BUILDING	\$570	\$0	\$0	\$0	\$0	\$0	\$570

Building Name: Highland Center Phase II Addition

CRV(000's): \$10,697

Building No.: 071S10202

GSF: 37,570

Year Built: 2002

FCI: 0.00

Backlog and 5 year Renewal Forecast by Building (000's)

Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
l.2. Interior Finishes	\$0	\$0	\$0	\$0	\$410	\$0	\$410
TOTAL BY BUILDING	\$0	\$0	\$0	\$0	\$410	\$0	\$410

Building Name: McElroy Center

CRV(000's): \$48,007

Building No.: 071S5159

GSF: 170,618

Year Built: 1964

FCI: 0.08

Backlog and 5 year Renewal Forecast by Building (000's)

Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
a.4. Roofing - MnSCU Standard	\$0	\$0	\$49	\$0	\$0	\$0	\$49
a.5. Roofing - Built-up, Membrane, Cedar	\$0	\$0	\$381	\$0	\$0	\$0	\$381
b.1. Building Exteriors (Hard)	\$960	\$0	\$0	\$0	\$0	\$0	\$960
c.1. Elevators	\$0	\$0	\$0	\$0	\$0	\$167	\$167
d.2. HVAC - Controls	\$320	\$0	\$0	\$0	\$0	\$0	\$320
d.1. HVAC - Equipment	\$480	\$0	\$0	\$0	\$0	\$0	\$480
e.1. HVAC - Distribution	\$1,920	\$0	\$0	\$0	\$0	\$0	\$1,920
l.2. Interior Finishes	\$0	\$0	\$0	\$0	\$0	\$198	\$198
TOTAL BY BUILDING	\$3,681	\$0	\$430	\$0	\$0	\$365	\$4,475

Backlog & 5 YR Forecast by Subsystem

Campus Name: MSU Mankato

Building Name: Memorial Library

CRV(000's): \$47,315 Building No.: 071S0865 GSF: 166,181 Year Built: 1967 FCI: 0.10

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
a.4. Roofing - MnSCU Standard	\$412	\$0	\$0	\$0	\$0	\$0	\$412
d.2. HVAC - Controls	\$0	\$0	\$0	\$1,045	\$0	\$0	\$1,045
d.1. HVAC - Equipment	\$1,408	\$0	\$0	\$0	\$0	\$0	\$1,408
e.1. HVAC - Distribution	\$0	\$0	\$0	\$0	\$2,320	\$0	\$2,320
f.1. Electrical Equipment	\$473	\$0	\$0	\$0	\$0	\$0	\$473
g.2. Plumbing Rough-in	\$0	\$0	\$0	\$0	\$1,761	\$0	\$1,761
i.1. Fire Protection Systems	\$776	\$0	\$0	\$0	\$0	\$0	\$776
j.1. Fire Detection Systems	\$550	\$0	\$0	\$0	\$0	\$0	\$550
k.1. Built-in Equipment	\$0	\$0	\$0	\$0	\$1,045	\$0	\$1,045
l.2. Interior Finishes	\$1,325	\$0	\$290	\$0	\$0	\$0	\$1,616
TOTAL BY BUILDING	\$4,945	\$0	\$290	\$1,045	\$5,125	\$0	\$11,406

Building Name: Memorial Library Addition

CRV(000's): \$22,830 Building No.: 071S2090 GSF: 80,184 Year Built: 1992 FCI: 0.11

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
a.4. Roofing - MnSCU Standard	\$1,017	\$0	\$0	\$0	\$0	\$0	\$1,017
c.1. Elevators	\$0	\$0	\$0	\$0	\$239	\$0	\$239
d.2. HVAC - Controls	\$504	\$0	\$0	\$0	\$0	\$0	\$504
i.1. Fire Protection Systems	\$238	\$0	\$0	\$0	\$0	\$0	\$238
j.1. Fire Detection Systems	\$265	\$0	\$0	\$0	\$0	\$0	\$265
k.1. Built-in Equipment	\$0	\$0	\$0	\$0	\$504	\$0	\$504
l.2. Interior Finishes	\$526	\$0	\$0	\$0	\$0	\$0	\$526
TOTAL BY BUILDING	\$2,551	\$0	\$0	\$0	\$743	\$0	\$3,294

Backlog & 5 YR Forecast by Subsystem

Campus Name: MSU Mankato

Building Name: Morris Hall

CRV(000's): \$12,620 Building No.: 071S0966 GSF: 44,325 Year Built: 1968 FCI: 0.21

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
b.1. Building Exteriors (Hard)	\$352	\$0	\$0	\$0	\$0	\$0	\$352
d.1. HVAC - Equipment	\$470	\$0	\$0	\$0	\$0	\$0	\$470
e.1. HVAC - Distribution	\$998	\$0	\$0	\$0	\$0	\$0	\$998
f.1. Electrical Equipment	\$505	\$0	\$0	\$0	\$0	\$0	\$505
g.1. Plumbing Fixtures	\$161	\$0	\$0	\$0	\$0	\$0	\$161
g.2. Plumbing Rough-in	\$0	\$0	\$0	\$0	\$0	\$470	\$470
j.1. Fire Detection Systems	\$0	\$0	\$0	\$0	\$0	\$147	\$147
k.1. Built-in Equipment	\$0	\$0	\$0	\$0	\$0	\$279	\$279
l.2. Interior Finishes	\$194	\$0	\$194	\$0	\$0	\$97	\$484
TOTAL BY BUILDING	\$2,680	\$0	\$194	\$0	\$0	\$992	\$3,865

Building Name: Morris Hall Addition

CRV(000's): \$6,388 Building No.: 071S1377 GSF: 22,436 Year Built: 1979 FCI: 0.27

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
b.1. Building Exteriors (Hard)	\$71	\$0	\$0	\$0	\$0	\$0	\$71
d.2. HVAC - Controls	\$141	\$0	\$0	\$0	\$0	\$0	\$141
d.1. HVAC - Equipment	\$357	\$0	\$0	\$0	\$0	\$0	\$357
e.1. HVAC - Distribution	\$647	\$0	\$0	\$0	\$0	\$0	\$647
f.1. Electrical Equipment	\$319	\$0	\$0	\$0	\$0	\$0	\$319
j.1. Fire Detection Systems	\$0	\$0	\$0	\$0	\$0	\$74	\$74
l.2. Interior Finishes	\$184	\$0	\$0	\$0	\$25	\$0	\$208
TOTAL BY BUILDING	\$1,719	\$0	\$0	\$0	\$25	\$74	\$1,817

Building Name: Myers Field House

CRV(000's): \$23,435 Building No.: 071S10301 GSF: 82,308 Year Built: 2001 FCI: 0.00

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total

Backlog & 5 YR Forecast by Subsystem

Campus Name: MSU Mankato

Building Name: Myers Field House

CRV(000's): \$23,435 Building No.: 071S10301 GSF: 82,308 Year Built: 2001 FCI: 0.00

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
I.2. Interior Finishes	\$0	\$0	\$0	\$899	\$0	\$0	\$899
TOTAL BY BUILDING	\$0	\$0	\$0	\$899	\$0	\$0	\$899

Building Name: Nelson Hall (Mankato)

CRV(000's): \$14,696 Building No.: 071S0460 GSF: 51,617 Year Built: 1962 FCI: 0.19

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
a.5. Roofing - Built-up, Membrane, Cedar	\$1,137	\$0	\$217	\$0	\$0	\$0	\$1,353
b.1. Building Exteriors (Hard)	\$316	\$0	\$0	\$0	\$0	\$0	\$316
c.1. Elevators	\$0	\$0	\$138	\$0	\$0	\$0	\$138
d.2. HVAC - Controls	\$114	\$0	\$0	\$0	\$32	\$0	\$146
d.1. HVAC - Equipment	\$27	\$0	\$0	\$0	\$0	\$0	\$27
e.1. HVAC - Distribution	\$232	\$0	\$0	\$0	\$0	\$0	\$232
g.1. Plumbing Fixtures	\$75	\$0	\$0	\$0	\$0	\$0	\$75
g.2. Plumbing Rough-in	\$437	\$0	\$0	\$0	\$0	\$0	\$437
i.1. Fire Protection Systems	\$28	\$0	\$0	\$0	\$0	\$0	\$28
k.1. Built-in Equipment	\$260	\$0	\$0	\$0	\$0	\$0	\$260
I.2. Interior Finishes	\$226	\$0	\$0	\$0	\$0	\$0	\$226
TOTAL BY BUILDING	\$2,852	\$0	\$355	\$0	\$32	\$0	\$3,240

Building Name: Nelson Hall Addition

CRV(000's): \$3,723 Building No.: 071S1277 GSF: 13,076 Year Built: 1979 FCI: 0.17

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
d.2. HVAC - Controls	\$62	\$0	\$0	\$0	\$0	\$0	\$62
d.1. HVAC - Equipment	\$35	\$0	\$0	\$0	\$0	\$0	\$35
e.1. HVAC - Distribution	\$221	\$0	\$0	\$0	\$0	\$0	\$221
g.1. Plumbing Fixtures	\$48	\$0	\$0	\$0	\$0	\$0	\$48

Backlog & 5 YR Forecast by Subsystem

Campus Name: MSU Mankato

Building Name: Nelson Hall Addition

CRV(000's): \$3,723 Building No.: 071S1277 GSF: 13,076 Year Built: 1979 FCI: 0.17

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
g.2. Plumbing Rough-in	\$139	\$0	\$0	\$0	\$0	\$0	\$139
l.2. Interior Finishes	\$143	\$0	\$0	\$0	\$0	\$0	\$143
TOTAL BY BUILDING	\$646	\$0	\$0	\$0	\$0	\$0	\$646

Building Name: Pennington Hall

CRV(000's): \$4,987 Building No.: 071S168 GSF: 17,514 Year Built: 1986 FCI: 0.00

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
b.1. Building Exteriors (Hard)	\$0	\$0	\$0	\$56	\$0	\$0	\$56
TOTAL BY BUILDING	\$0	\$0	\$0	\$56	\$0	\$0	\$56

Building Name: Performing Arts

CRV(000's): \$25,023 Building No.: 071S0764 GSF: 87,887 Year Built: 1967 FCI: 0.09

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
d.2. HVAC - Controls	\$553	\$0	\$0	\$0	\$0	\$0	\$553
d.1. HVAC - Equipment	\$512	\$0	\$0	\$0	\$0	\$0	\$512
e.1. HVAC - Distribution	\$0	\$0	\$0	\$0	\$1,979	\$0	\$1,979
f.1. Electrical Equipment	\$400	\$0	\$0	\$0	\$0	\$0	\$400
g.1. Plumbing Fixtures	\$320	\$0	\$0	\$0	\$0	\$0	\$320
g.2. Plumbing Rough-in	\$0	\$0	\$0	\$0	\$931	\$0	\$931
k.1. Built-in Equipment	\$0	\$0	\$0	\$0	\$553	\$0	\$553
l.2. Interior Finishes	\$480	\$0	\$0	\$0	\$0	\$0	\$480
TOTAL BY BUILDING	\$2,265	\$0	\$0	\$0	\$3,463	\$0	\$5,728

Building Name: Taylor Center

CRV(000's): \$40,701 Building No.: 071S10100 GSF: 142,951 Year Built: 2000 FCI: 0.00

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total

Backlog & 5 YR Forecast by Subsystem

Campus Name: MSU Mankato

Building Name: Taylor Center

CRV(000's): \$40,701 **Building No.:** 071S10100 **GSF:** 142,951 **Year Built:** 2000 **FCI:** 0.00

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
a.5. Roofing - Built-up, Membrane, Cedar	\$0	\$0	\$0	\$3,861	\$0	\$0	\$3,861
l.2. Interior Finishes	\$0	\$0	\$1,062	\$0	\$0	\$0	\$1,062
TOTAL BY BUILDING	\$0	\$0	\$1,062	\$3,861	\$0	\$0	\$4,923

Building Name: Trafton East Addition

CRV(000's): \$16,306 **Building No.:** 071S2194 **GSF:** 57,270 **Year Built:** 1994 **FCI:** 0.00

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
j.1. Fire Detection Systems	\$0	\$190	\$0	\$0	\$0	\$0	\$190
TOTAL BY BUILDING	\$0	\$190	\$0	\$0	\$0	\$0	\$190

Building Name: Trafton Science Bldg

CRV(000's): \$91,483 **Building No.:** 071S1070 **GSF:** 224,864 **Year Built:** 1972 **FCI:** 0.05

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
b.1. Building Exteriors (Hard)	\$179	\$0	\$0	\$0	\$0	\$0	\$179
f.1. Electrical Equipment	\$242	\$0	\$0	\$0	\$0	\$0	\$242
g.1. Plumbing Fixtures	\$216	\$0	\$0	\$0	\$0	\$0	\$216
g.2. Plumbing Rough-in	\$2,419	\$0	\$0	\$0	\$0	\$0	\$2,419
k.1. Built-in Equipment	\$1,563	\$0	\$0	\$0	\$0	\$0	\$1,563
l.2. Interior Finishes	\$246	\$0	\$0	\$0	\$0	\$0	\$246
TOTAL BY BUILDING	\$4,865	\$0	\$0	\$0	\$0	\$0	\$4,865

Building Name: Utility Plant

CRV(000's): \$3,116 **Building No.:** 071S0560 **GSF:** 10,442 **Year Built:** 1962 **FCI:** 0.98

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
g.2. Plumbing Rough-in	\$111	\$0	\$0	\$0	\$0	\$0	\$111
k.1. Built-in Equipment	\$2,831	\$0	\$0	\$0	\$0	\$0	\$2,831

Backlog & 5 YR Forecast by Subsystem

Campus Name: MSU Mankato

Building Name: Utility Plant

CRV(000's): \$3,116 Building No.: 071S0560 GSF: 10,442 Year Built: 1962 FCI: 0.98

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
I.2. Interior Finishes	\$114	\$0	\$0	\$0	\$0	\$0	\$114
TOTAL BY BUILDING	\$3,056	\$0	\$0	\$0	\$0	\$0	\$3,056

Building Name: Utility Tunnels

CRV(000's): \$3,850 Building No.: 071S9562 GSF: 36,340 Year Built: 1962 FCI: 0.06

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
f.1. Electrical Equipment	\$245	\$0	\$0	\$0	\$0	\$0	\$245
TOTAL BY BUILDING	\$245	\$0	\$0	\$0	\$0	\$0	\$245

Building Name: West Road Paint Shop

CRV(000's): \$163 Building No.: 071S2358 GSF: 1,540 Year Built: 1999 FCI: 0.00

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
I.2. Interior Finishes	\$0	\$1	\$0	\$0	\$0	\$0	\$1
TOTAL BY BUILDING	\$0	\$1	\$0	\$0	\$0	\$0	\$1

Building Name: Wiecking Center

CRV(000's): \$27,966 Building No.: 071S0158 GSF: 98,224 Year Built: 1959 FCI: 0.18

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
a.3. Roofing - Metal, Concrete	\$159	\$0	\$0	\$0	\$0	\$0	\$159
a.4. Roofing - MnSCU Standard	\$1,011	\$2,384	\$0	\$0	\$0	\$0	\$3,395
b.1. Building Exteriors (Hard)	\$624	\$0	\$0	\$0	\$0	\$0	\$624
d.2. HVAC - Controls	\$161	\$0	\$154	\$0	\$0	\$0	\$315
d.1. HVAC - Equipment	\$135	\$0	\$0	\$0	\$0	\$0	\$135
e.1. HVAC - Distribution	\$486	\$0	\$0	\$0	\$0	\$0	\$486
f.1. Electrical Equipment	\$699	\$0	\$0	\$0	\$0	\$0	\$699
g.1. Plumbing Fixtures	\$358	\$0	\$0	\$0	\$0	\$0	\$358

Backlog & 5 YR Forecast by Subsystem

Campus Name: MSU Mankato

Building Name: Wiecking Center

CRV(000's): \$27,966 Building No.: 071S0158 GSF: 98,224 Year Built: 1959 FCI: 0.18

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
g.2. Plumbing Rough-in	\$780	\$0	\$0	\$0	\$0	\$0	\$780
l.2. Interior Finishes	\$633	\$0	\$0	\$0	\$0	\$161	\$794
TOTAL BY BUILDING	\$5,047	\$2,384	\$154	\$0	\$0	\$161	\$7,747

Building Name: Wiecking Shop Bldg

CRV(000's): \$1,384 Building No.: 071S1583 GSF: 13,061 Year Built: 1987 FCI: 0.00

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
a.3. Roofing - Metal, Concrete	\$0	\$0	\$423	\$0	\$0	\$0	\$423
b.1. Building Exteriors (Hard)	\$0	\$0	\$0	\$0	\$104	\$0	\$104
d.2. HVAC - Controls	\$0	\$0	\$12	\$0	\$0	\$0	\$12
f.1. Electrical Equipment	\$0	\$0	\$0	\$0	\$35	\$0	\$35
g.1. Plumbing Fixtures	\$0	\$0	\$0	\$0	\$9	\$0	\$9
l.2. Interior Finishes	\$0	\$0	\$0	\$0	\$7	\$0	\$7
TOTAL BY BUILDING	\$0	\$0	\$435	\$0	\$154	\$0	\$589

Building Name: Wiecking Storage Bldg

CRV(000's): \$593 Building No.: 071S9060 GSF: 5,600 Year Built: 1987 FCI: 0.00

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
b.1. Building Exteriors (Hard)	\$0	\$0	\$0	\$0	\$44	\$0	\$44
f.1. Electrical Equipment	\$0	\$0	\$0	\$0	\$15	\$0	\$15
l.2. Interior Finishes	\$0	\$0	\$0	\$0	\$4	\$0	\$4
TOTAL BY BUILDING	\$0	\$0	\$0	\$0	\$63	\$0	\$63

Building Name: Wigley - Administration

CRV(000's): \$13,932 Building No.: 071S1177 GSF: 48,933 Year Built: 1979 FCI: 0.02

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total

Backlog & 5 YR Forecast by Subsystem

Campus Name: MSU Mankato

Building Name: Wigley - Administration

CRV(000's): \$13,932 Building No.: 071S1177 GSF: 48,933 Year Built: 1979 FCI: 0.02

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
b.1. Building Exteriors (Hard)	\$31	\$0	\$0	\$0	\$0	\$0	\$31
d.2. HVAC - Controls	\$0	\$0	\$62	\$0	\$0	\$0	\$62
d.1. HVAC - Equipment	\$0	\$415	\$0	\$0	\$0	\$0	\$415
f.1. Electrical Equipment	\$209	\$0	\$0	\$0	\$0	\$0	\$209
TOTAL BY BUILDING	\$240	\$415	\$62	\$0	\$0	\$0	\$716

Building Name: Wissink Hall

CRV(000's): \$18,713 Building No.: 071S1786 GSF: 65,725 Year Built: 1987 FCI: 0.07

Backlog and 5 year Renewal Forecast by Building (000's)							
Subsystem Name	Backlog	2014	2015	2016	2017	2018	Total
a.5. Roofing - Built-up, Membrane, Cedar	\$973	\$0	\$0	\$0	\$0	\$0	\$973
b.1. Building Exteriors (Hard)	\$0	\$0	\$0	\$0	\$522	\$0	\$522
c.1. Elevators	\$0	\$0	\$176	\$0	\$0	\$0	\$176
f.1. Electrical Equipment	\$0	\$0	\$0	\$0	\$936	\$0	\$936
g.1. Plumbing Fixtures	\$0	\$0	\$0	\$0	\$220	\$0	\$220
k.1. Built-in Equipment	\$413	\$0	\$0	\$0	\$0	\$0	\$413
l.2. Interior Finishes	\$0	\$0	\$0	\$0	\$0	\$144	\$144
TOTAL BY BUILDING	\$1,386	\$0	\$176	\$0	\$1,678	\$144	\$3,384

TOTAL BY CAMPUS	\$47,600	\$6,889	\$5,177	\$13,673	\$14,993	\$13,523	\$101,855
------------------------	-----------------	----------------	----------------	-----------------	-----------------	-----------------	------------------

GRAND TOTAL	\$47,600	\$6,889	\$5,177	\$13,673	\$14,993	\$13,523	\$101,855
--------------------	-----------------	----------------	----------------	-----------------	-----------------	-----------------	------------------

BACKLOG AND 10 YR FORECAST BUILDINGS SUMMARY BY CAMPUS

Campus Name: MSU Mankato

Backlog and 10 year Renewal Forecast by Building 000's												
Building Name	Backlog	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Alumni Foundation Bldg	\$0	\$156	\$0	\$0	\$0	\$0	\$590	\$109	\$0	\$0	\$0	\$855
Andreas Observatory	\$116	\$0	\$12	\$0	\$10	\$0	\$0	\$48	\$10	\$0	\$0	\$196
Andreas Theatre Addtion	\$0	\$0	\$213	\$0	\$0	\$0	\$0	\$187	\$0	\$0	\$0	\$400
Armstrong Hall	\$3,598	\$817	\$0	\$0	\$2,066	\$10,725	\$0	\$477	\$0	\$771	\$0	\$18,453
Blakeslee Stadium	\$212	\$91	\$0	\$0	\$71	\$475	\$0	\$0	\$0	\$0	\$212	\$1,061
Centennial Student Union	\$2,758	\$345	\$207	\$0	\$0	\$146	\$855	\$592	\$0	\$460	\$230	\$5,591
Crawford Center	\$3,579	\$2,491	\$405	\$374	\$697	\$157	\$62	\$281	\$62	\$311	\$406	\$8,824
Ford Hall	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$729	\$729
Gage Center-link / Commons	\$0	\$0	\$0	\$801	\$0	\$17	\$0	\$0	\$6	\$0	\$0	\$823
Gage Tower A	\$270	\$0	\$0	\$2,596	\$0	\$178	\$18	\$36	\$0	\$0	\$36	\$3,134
Gage Tower B	\$270	\$0	\$0	\$2,596	\$0	\$89	\$36	\$0	\$36	\$0	\$36	\$3,063
Highland Center	\$49	\$0	\$1,183	\$1,446	\$456	\$0	\$0	\$806	\$0	\$505	\$0	\$4,444
Highland Center North	\$570	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$298	\$0	\$868
Highland Center Phase II Addition	\$0	\$0	\$0	\$0	\$410	\$0	\$0	\$0	\$0	\$361	\$0	\$771
Julia A Sears	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,396	\$1,396
McElroy Center	\$3,681	\$0	\$430	\$0	\$0	\$365	\$198	\$0	\$337	\$35	\$198	\$5,243
Memorial Library	\$4,945	\$0	\$290	\$1,045	\$5,125	\$0	\$0	\$54	\$0	\$0	\$0	\$11,461
Memorial Library Addition	\$2,551	\$0	\$0	\$0	\$743	\$0	\$0	\$0	\$0	\$2,065	\$219	\$5,578
Morris Hall	\$2,680	\$0	\$194	\$0	\$0	\$992	\$0	\$0	\$0	\$0	\$0	\$3,865
Morris Hall Addition	\$1,719	\$0	\$0	\$0	\$25	\$74	\$0	\$0	\$0	\$12	\$12	\$1,842
Myers Field House	\$0	\$0	\$0	\$899	\$0	\$0	\$0	\$0	\$790	\$0	\$0	\$1,689
Nelson Hall (Mankato)	\$2,852	\$0	\$355	\$0	\$32	\$0	\$0	\$0	\$282	\$171	\$0	\$3,692
Nelson Hall Addition	\$646	\$0	\$0	\$0	\$0	\$0	\$48	\$0	\$0	\$0	\$0	\$694

BACKLOG AND 10 YR FORECAST BUILDINGS SUMMARY BY CAMPUS

Campus Name: MSU Mankato

Backlog and 10 year Renewal Forecast by Building 000's												
Building Name	Backlog	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Pennington Hall	\$0	\$0	\$0	\$56	\$0	\$0	\$0	\$191	\$0	\$0	\$0	\$247
Performing Arts	\$2,265	\$0	\$0	\$0	\$3,463	\$0	\$0	\$384	\$0	\$0	\$0	\$6,112
Preska Residence Hall	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$88	\$0	\$0	\$88
Stand-by Generator Bldg	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$26	\$0	\$0	\$0	\$26
Taylor Center	\$0	\$0	\$1,062	\$3,861	\$0	\$0	\$0	\$1,372	\$0	\$0	\$0	\$6,295
Trafton East Addition	\$0	\$190	\$0	\$0	\$0	\$0	\$531	\$0	\$0	\$94	\$0	\$814
Trafton Science Bldg	\$4,865	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,865
Utility Plant	\$3,056	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,404	\$0	\$6,460
Utility Tunnels	\$245	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$289	\$0	\$534
West Road Paint Shop	\$0	\$1	\$0	\$0	\$0	\$0	\$4	\$0	\$0	\$0	\$0	\$5
Wiecking Center	\$5,047	\$2,384	\$154	\$0	\$0	\$161	\$134	\$107	\$0	\$0	\$0	\$7,988
Wiecking Shop Bldg	\$0	\$0	\$435	\$0	\$154	\$0	\$0	\$0	\$0	\$0	\$0	\$589
Wiecking Storage Bldg	\$0	\$0	\$0	\$0	\$63	\$0	\$0	\$0	\$0	\$0	\$0	\$63
Wigley - Administration	\$240	\$415	\$62	\$0	\$0	\$0	\$0	\$310	\$0	\$182	\$0	\$1,208
Wissink Hall	\$1,386	\$0	\$176	\$0	\$1,678	\$144	\$0	\$0	\$36	\$696	\$0	\$4,116
TOTAL BY CAMPUS	\$47,600	\$6,889	\$5,177	\$13,673	\$14,993	\$13,523	\$2,475	\$4,981	\$1,647	\$9,652	\$3,474	\$124,083

FCI Summary by Building (Grouped by Campus)

Campus	Building	Building Number	GSF	CRV (000's)	Backlog (000's)	FCI
MSU Mankato	Alumni Foundation Bldg	071S1888	17,400	\$4,954	\$0	0.00
	AMET Storage Bldg	071S10496	1,440	\$153	\$0	0.00
	Andreas Observatory	071S1989	1,863	\$530	\$116	0.22
	Andreas Theatre Addtion	071S10500	19,469	\$5,543	\$0	0.00
	Armstrong Hall	071S0663	143,966	\$40,990	\$3,598	0.09
	Blakeslee Stadium	071S0260	19,443	\$5,536	\$212	0.04
	Centennial Student Union	071S8066	210,388	\$59,902	\$2,758	0.05
	Center of Renewable Energy	E20671S9610	7,585	\$3,013	\$0	0.00
	Crawford Center	071S5058	241,406	\$67,924	\$3,579	0.05
	East Building	E26071S209	3,700	\$612	\$0	0.00
	Ford Hall	00005465	66,783	\$26,532	\$0	0.00
	Gage Center-link / Commons	071S5466	50,400	\$12,014	\$0	0.00
	Gage Tower A	071S5366	110,300	\$32,616	\$270	0.01
	Gage Tower B	071S5266	110,300	\$32,616	\$270	0.01
	Highland Center	071S9362	92,710	\$26,396	\$49	0.00
	Highland Center North	071S10679	37,116	\$10,568	\$570	0.05
	Highland Center Phase II Addition	071S10202	37,570	\$10,697	\$0	0.00
	Julia A Sears	00004654	150,275	\$35,821	\$0	0.00
	McElroy Center	071S5159	170,618	\$48,007	\$3,681	0.08
	Memorial Library	071S0865	166,181	\$47,315	\$4,945	0.10
	Memorial Library Addition	071S2090	80,184	\$22,830	\$2,551	0.11
	Morris Hall	071S0966	44,325	\$12,620	\$2,680	0.21
	Morris Hall Addition	071S1377	22,436	\$6,388	\$1,719	0.27
	Myers Field House	071S10301	82,308	\$23,435	\$0	0.00
	Nelson Hall (Mankato)	071S0460	51,617	\$14,696	\$2,852	0.19
	Nelson Hall Addition	071S1277	13,076	\$3,723	\$646	0.17
	Ostrander Bell Tower	071S9788	424	\$70	\$0	0.00
	Pennington Hall	071S168	17,514	\$4,987	\$0	0.00
	Performing Arts	071S0764	87,887	\$25,023	\$2,265	0.09
	Preska Residence Hall	071S1889	157,145	\$37,459	\$0	0.00
	Stand-by Generator Bldg	071S12005	2,381	\$946	\$0	0.00

FCI Summary by Building (Grouped by Campus)

Campus	Building	Building Number	GSF	CRV (000's)	Backlog (000's)	FCI
MSU Mankato	Standeford Observatory	071S2480	200	\$33	\$0	0.00
	Taylor Center	071S10100	142,951	\$40,701	\$0	0.00
	Trafton East Addition	071S2194	57,270	\$16,306	\$0	0.00
	Trafton Science Bldg	071S1070	224,864	\$91,483	\$4,865	0.05
	Utility Plant	071S0560	10,442	\$3,116	\$3,056	0.98
	Utility Plant Storage	071S2297	500	\$83	\$0	0.00
	Utility Tunnels	071S9562	36,340	\$3,850	\$245	0.06
	West Building	E2607S0109	2,000	\$331	\$0	0.00
	West Road Paint Shop	071S2358	1,540	\$163	\$0	0.00
	Wiecking Center	071S0158	98,224	\$27,966	\$5,047	0.18
	Wiecking Shop Bldg	071S1583	13,061	\$1,384	\$0	0.00
	Wiecking Storage Bldg	071S9060	5,600	\$593	\$0	0.00
	Wigley - Administration	071S1177	48,933	\$13,932	\$240	0.02
	Wissink Hall	071S1786	65,725	\$18,713	\$1,386	0.07
MSU Mankato TOTAL			2,925,860	\$842,570	\$47,600	0.06
GRAND TOTAL			2,925,860	\$842,570	\$47,600	0.06