



Ensuring a safe and secure homeland for all North Dakotans

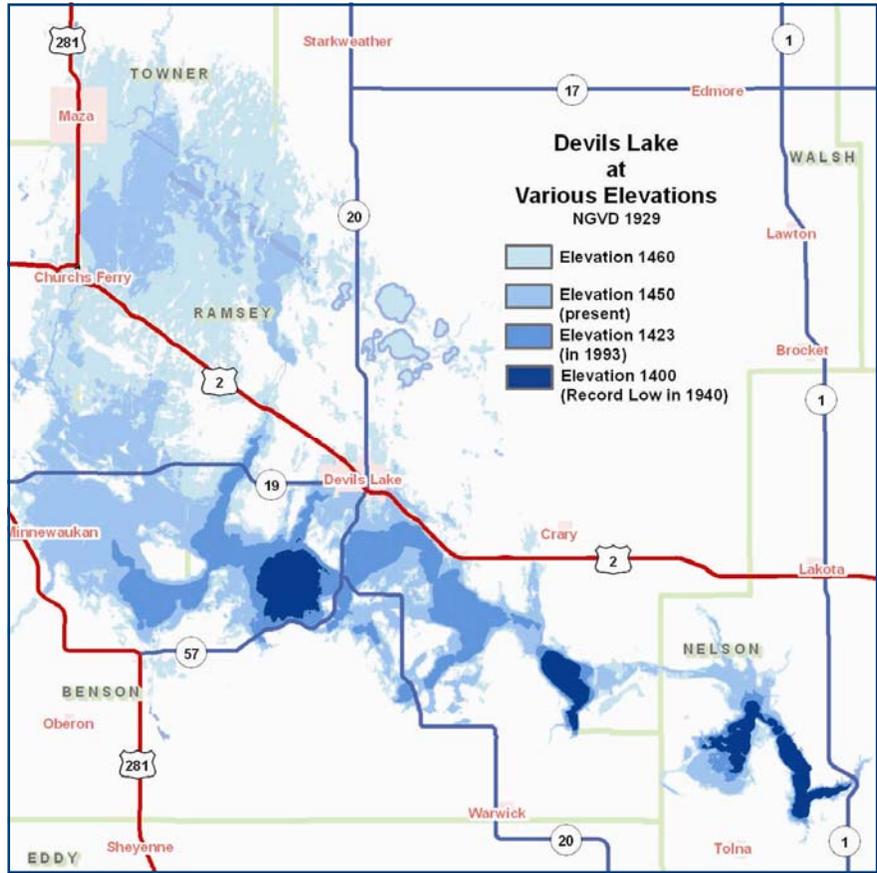
City of Minnewaukan - State and Federal Roundtable

April 26, 2011

North Dakota Department of Emergency Services
Fraine Barracks
Fraine Barracks Lane, Bldg. 30
TAG Conference Room
Bismarck, North Dakota

Participating agencies: Federal Emergency Management Agency, US Economic Development Administration, Environmental Protection Agency, Housing and Urban Development, US Army Corps of Engineers, US Department of Agriculture, Federal Highway Administration, US Fish and Wildlife Service, ND State Historical Society, ND Department of Transportation, ND Department of Health, State Water Commission, and ND Game and Fish Department.





History

Over the last 18 years (starting in 1993) Devils Lake has been steadily rising. The lake levels have contributed to loss/damage of private and public property, relocation of the sewage lagoons, temporary diking, relining of the sewer system, and lift station improvements.

Presidential Disaster Declarations for Benson County related to flooding

July 26, 1993 (DR-1001)

July 1, 1994 (DR-1032)

May 16, 1995 (DR-1050)

June 5, 1996 (DR-1118)

April 7, 1997 (DR-1174)

June 15, 1998 (DR-1220)

June 8, 1999 (DR-1279)

June 27, 2000 (DR-1334)

May 28, 2001 (DR-1376)

May 5, 2004 (DR 1515)

July 22, 2005 (DR-1597)

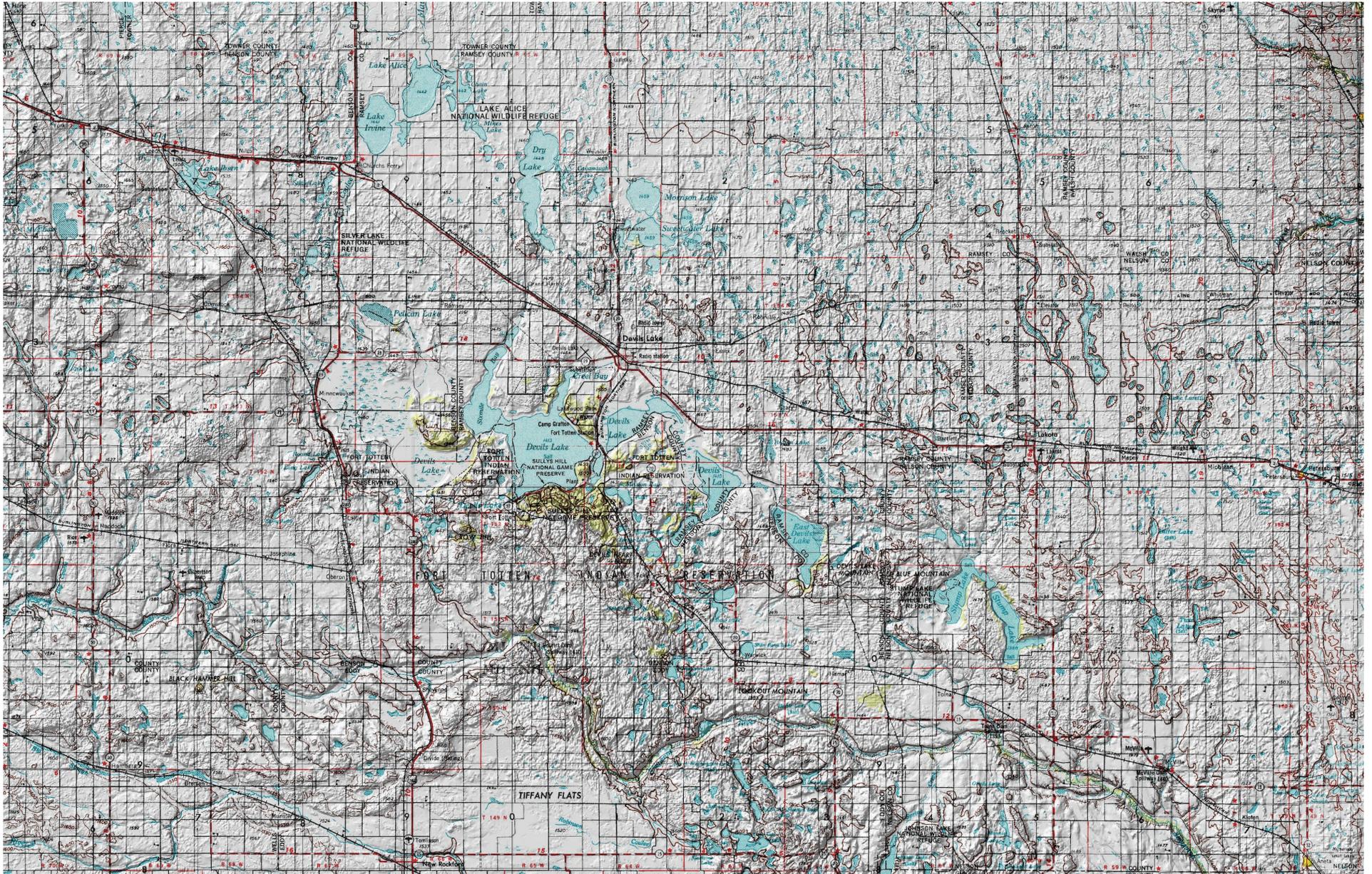
March 24, 2009 (DR-1829)

April 30, 2010 (DR-1907)

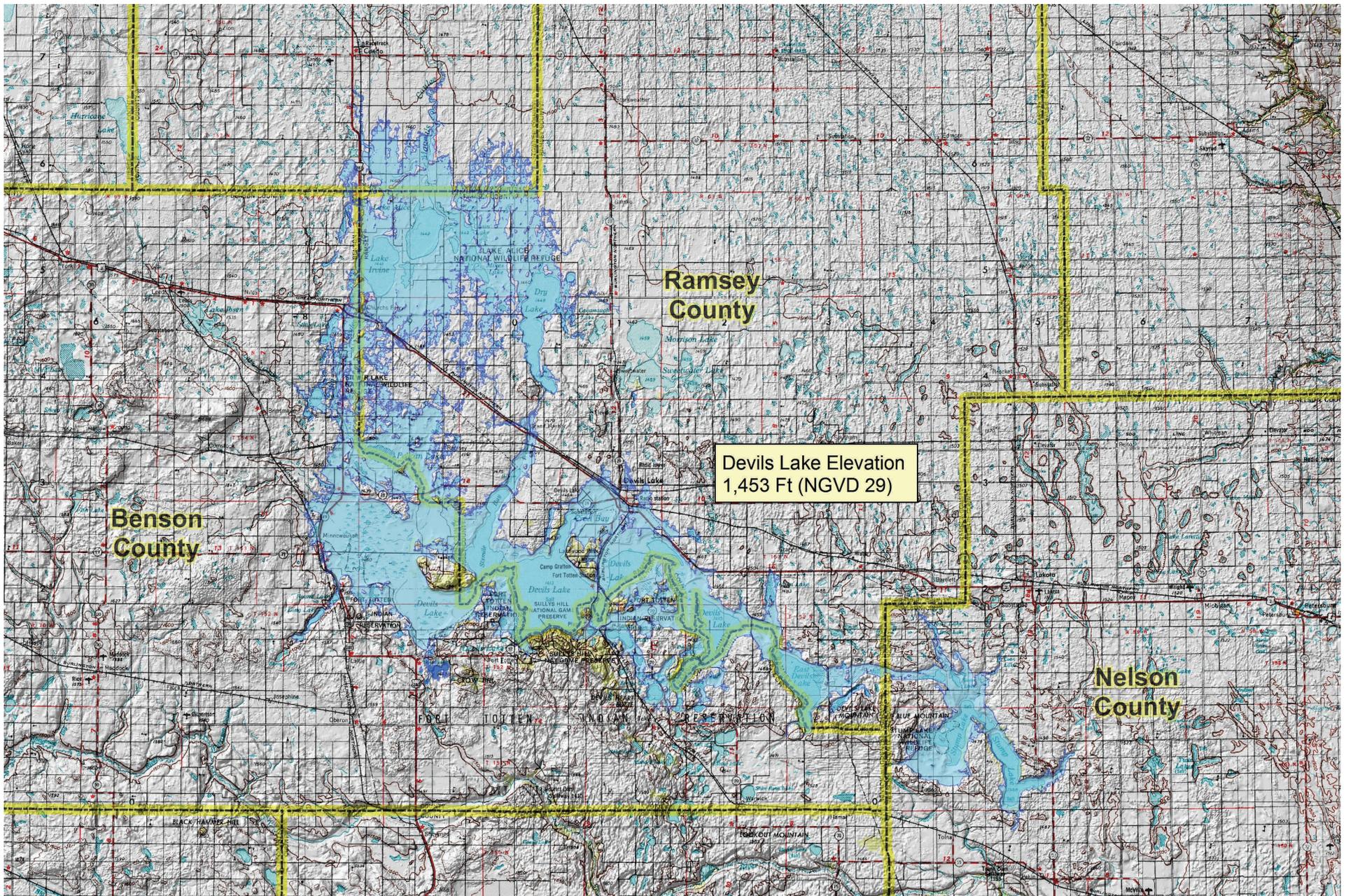
Lake Level History

<u>Elevation</u>	<u>Date</u>
1452.05	June 27, 2010.
1450.73	June 27, 2009.
1449.1	May 12, 2004
1448.01	July 22, 2001
1447.2	July 1999
1422.4	October 1992

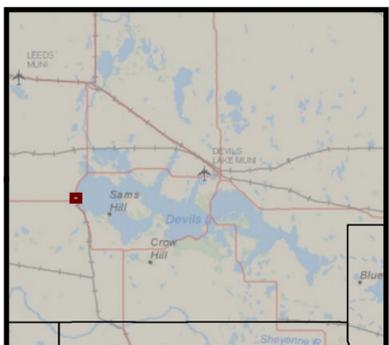
Devils Lake Basin—1970 Topography Map



Devils Lake Basin—21 April 2011



Minnewaukan, North Dakota: 1452 Lake Level



**Data Layer/
Map Description(s):**

Provide general areal extent of the area with points of interest such as major highways, roads, streets, rivers, bodies of water and city boundaries highlighted. Due to the areal extent of the map not all points of interest listed in the legend will be visible at scale.

**Flooding extent is derived using LIDAR from 2009 and an interpolation method; accuracy is not guaranteed and local flood control measures are not accounted for. This representation is for PLANNING PURPOSES ONLY, NOT FOR REGULATORY USE.*

Map Legend:

-  1452 ft Lake Level
-  Street
-  Tribal Reservation Boundary
-  City Boundaries

Data Sources:
Streets, Major Highways, Interstates and Roads
Lake Level Extent, City Boundaries, and Tribal Reservation Boundaries provided by FEMA
Region VIII Mitigation GIS. NAIP 2010 Imagery

Minnewaukan, North Dakota: 1452.5 Lake Level



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Minnewaukan, North Dakota: 1453 Lake Level



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Minnewaukan, North Dakota: 1453.5 Lake Level



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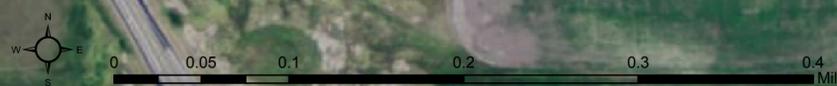
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Minnewaukan, North Dakota: 1454 Lake Level



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Data Sources:
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Minnewaukan, North Dakota: 1454.5 Lake Level



**Data Layer/
Map Description(s):**

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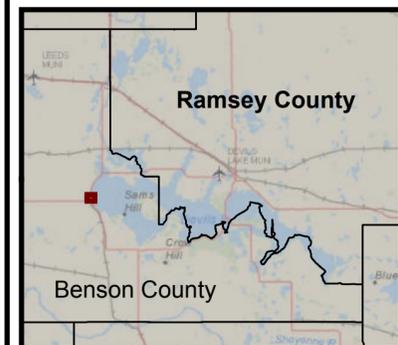
Map Legend:

-  1454.5 ft Lake Level
-  Street
-  Tribal Reservation Boundary
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Data Sources:
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Minnewaukan, North Dakota: 1455 Lake Level



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Minnewaukan, North Dakota: 1455.5 Lake Level



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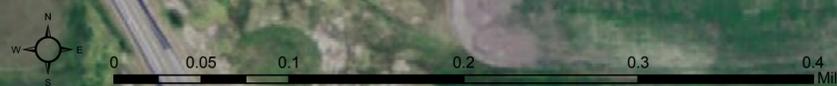
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Minnewaukan, North Dakota: 1456 Lake Level



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Minnewaukan, North Dakota: 1456.5 Lake Level



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Minnewaukan, North Dakota: 1457 Lake Level



Data Layer/Map Description(s):

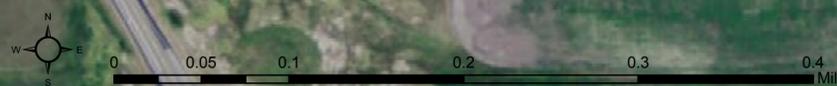
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Minnewaukan, North Dakota: 1457.5 Lake Level



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Minnewaukan, North Dakota: 1458 Lake Level



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Minnewaukan, North Dakota: 1458.5 Lake Level



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Minnewaukan, North Dakota: 1459 Lake Level



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Minnewaukan, North Dakota: 1459.5 Lake Level



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Minnewaukan, North Dakota: 1460 Lake Level



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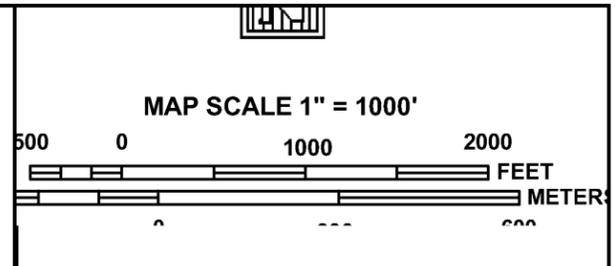
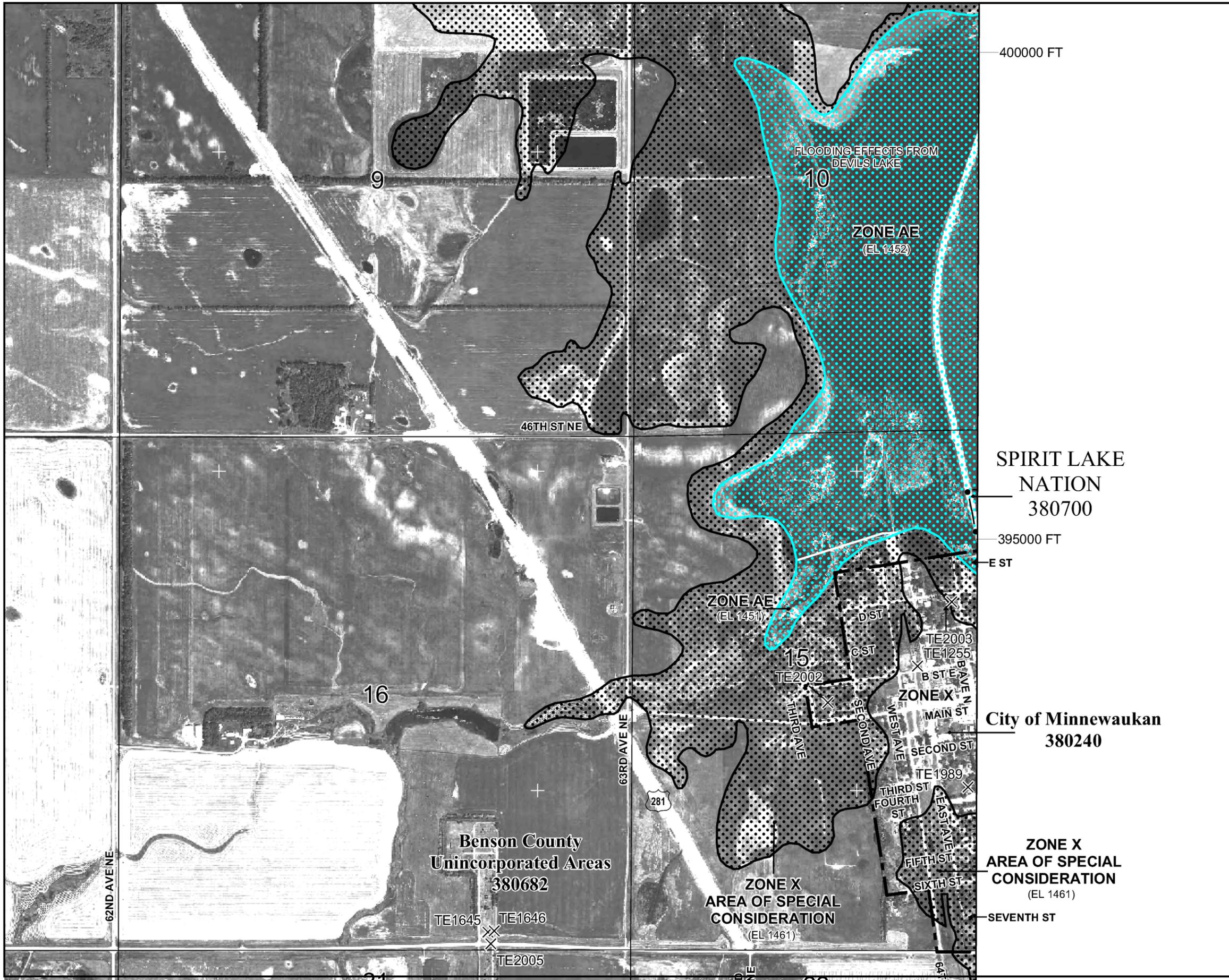
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PANEL 0435D

FIRM
FLOOD INSURANCE RATE MAP

**BENSON COUNTY,
NORTH DAKOTA
AND INCORPORATED AREAS**

PANEL 435 OF 1150
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
BENSON COUNTY	380682	0435	D
MINNEWAUKAN, CITY OF	380240	0435	D
SPIRIT LAKE NATION	380700	0435	D

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

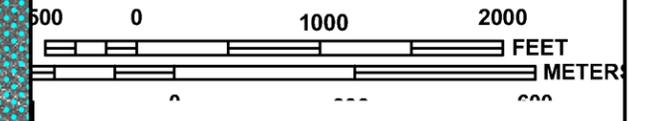
MAP NUMBER
38005C0435D
MAP REVISED
APRIL 16, 2009

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



MAP SCALE 1" = 1000'



10

11

DEVIL'S LAKE

53° 25' 00" N

EST

D ST

C ST

B ST

MAIN ST

ZONE X

TE1254

53° 24' 00" N

FOURTH ST

FIFTH ST

SIXTH ST

SEVENTH ST

BANE

TE1644

Benson County
Unincorporated Areas
380682 ZONE X

48° 03' 45"

99° 15' 00"

2275000 FT ZONE X
AREA OF SPECIAL
CONSIDERATION
(EL 1461)

14

Spirit Lake
Nation
380700

Benson County
Unincorporated Areas
380682

Spirit Lake
Nation
380700

23

ZONE X

JOINS PANEL 0465

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0455D

FIRM

FLOOD INSURANCE RATE MAP

BENSON COUNTY,
NORTH DAKOTA
AND INCORPORATED AREAS

PANEL 455 OF 1150
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

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MINNEWAUKAN, CITY OF	380240	0455	D
SPIRIT LAKE NATION	380700	0455	D

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Federal Emergency Management Agency

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MINNEWAUKAN FLOOD IMPACTS



2011

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I. INTRODUCTION

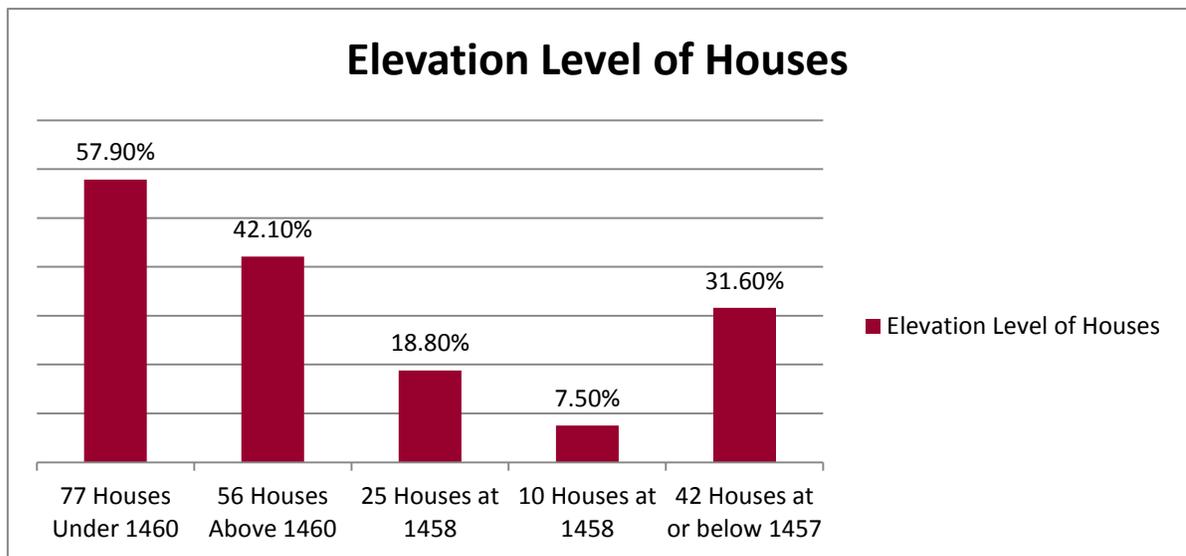
The city of Minnewaukan and the Minnewaukan Public School District has developed this informational piece to summarize the situation regarding the Devils Lake flood issues. This information has been gathered by the city, county, school, the horizon committee and Kadrmas, Lee & Jackson, Inc. to summarize the issues facing the community from several angles.

The city of Minnewaukan is composed of roughly 300 residents, but is a regional asset. The town serves as the county seat for Benson County. The Minnewaukan School District serves grades K-12 and is a regional draw from the local reservation. On the shores of Devils Lake, the town has developed a significant tourism industry. Loss of the community would leave a significant hole in the region.

II. EXISTING CONDITIONS

The City of Minnewaukan, ND is located on what is now the western shore of Devils Lake. Over the last 18 years, the lake has tripled in size and risen nearly 30 feet in elevation. Minnewaukan is centered on an abandoned railroad bed which is also the high point of town. Past studies have indicated that all parts of town below an elevation of 1460.0 are vulnerable to the waters of Devils Lake. At this elevation, the size of Minnewaukan will be reduced to one third of its current size. Below is a summary of the building elevations (based on Corps of Engineers data).

Table 1: Elevation Level of Houses



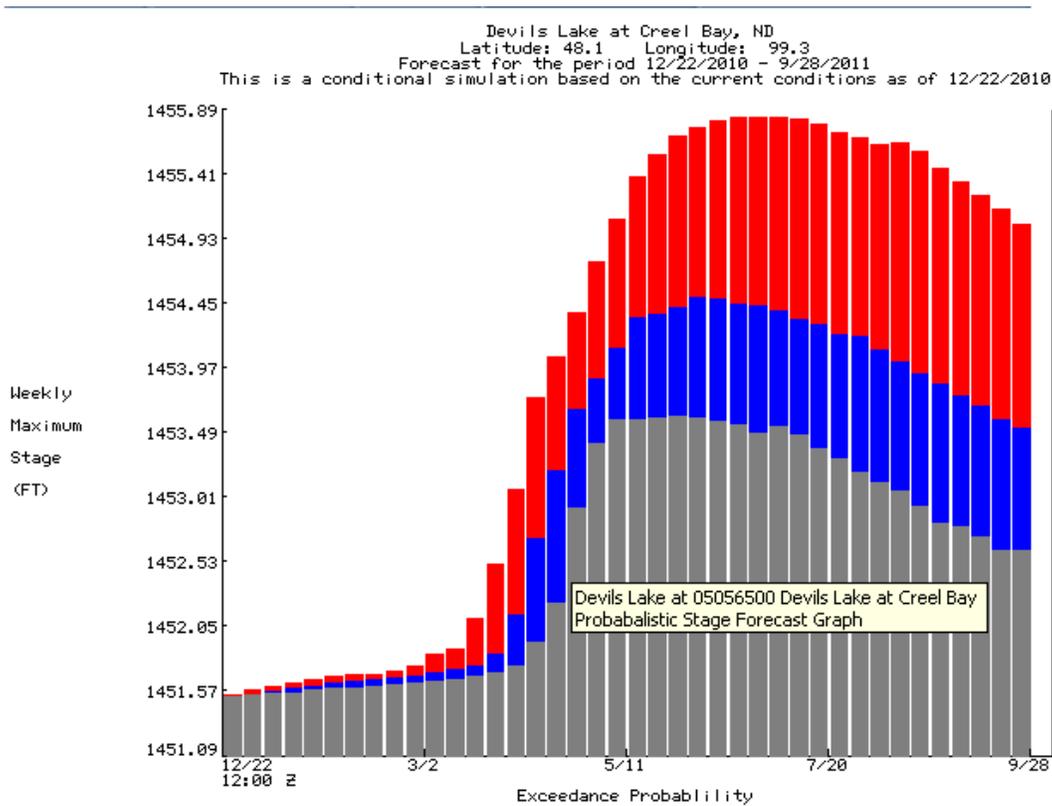
*total includes 17 residences that have already been moved or demolished.

In the past, the city has taken precautions against the rising water of Devils Lake to maintain the integrity of the water and sewer systems. Precautions have been summarized as follows:

- **1995:** Sewage lagoons were relocated
- **2000:** Large portions of the city sewer and water system replaced
- **2009:** The lift stations and some low lying manholes protected and additional sewer lines rehabilitated
- **Ongoing:** Multiple structures relocated or demolished

Presently, the lake is at an elevation of 1451.6 feet. Projections for the spring thaw have shown a 50 percent chance that the lake will rise three feet to an elevation of 1454.6 feet. Below is a graph from the National Weather Service showing the various probabilities for the 2011 lake levels.

Table 2: Lake Elevation Levels



Attached is Exhibit 1 which shows the existing lake levels, the 2011 forecast (50 percent probability), the breakout elevation of the Tolna Coulee, the location of the existing water tower, and the locations of the sewage lift stations. The water tower and lift stations will be vulnerable at the 50 percent forecast elevations (see Exhibit 1). If the sewer and water systems fail, the entire town will be lost regardless of building elevation.

Below is a list of the governmental structures in town with their insured values. The list is a small sample of the potential loss in property with a failure of the sewer and water systems.

Table 3: Replacement Cost of County Owned Buildings

REPLACEMENT COST OF COUNTY OWNED BUILDINGS LOCATED IN MINNEWAUKAN	
Benson County Courthouse/Garage	\$11,030,000
Benson County Social Services	\$210,000
Benson County Social Services	\$250,000
Benson County Highway Shop	\$800,000
Benson County Housing Multiplex	\$300,000
Benson County Housing Single Dwelling	\$100,000
Benson County Housing Single Dwelling	\$100,000
Benson County Housing Single Dwelling	\$80,000
Benson County Housing Single Dwelling	\$80,000
Benson County Housing Single Dwelling	\$80,000
Grand Total	\$13,030,000

Table 4: Replacement Cost of City Owned Buildings

REPLACEMENT COST OF CITY OWNED BUILDINGS LOCATED IN MINNEWAUKAN	
Minnewaukan City Hall	\$250,000
Minnewaukan City Garage	\$22,000
Minnewaukan Fire Hall/Senior Center	\$400,000
Minnewaukan City Owned USDA Building	\$650,000
Grand Total	\$1,322,000

The city has met multiple times with various state and federal agencies. Director Greg Wilz of the North Dakota Department of Emergency Services held a town hall meeting on October 13, 2010 to discuss the options for the community moving forward. The options were summarized in the flow chart attached provided at the meeting (Exhibit 2). The town hall meeting was concluded by a straw poll of the citizens on whether to keep the city intact (relocation) or to abandon the city. The poll showed an overwhelming desire to relocate the city. A letter was written by Mayor Trish McQuoid declaring the city's intention to relocate and requesting assistance from the North Dakota Legislature (Appendix A). A letter of support was provided by the Benson County Commission to move forward with a relocation of the city of Minnewaukan (Appendix A).

In December 2010, a report was completed by the Federal Interagency Devils Lake Working Group which included observations and recommendations for the Devils Lake basin. The report recommended that the city of Minnewaukan start a partial relocation.

The Minnewaukan School District has been awarded a \$7.1 million grant to relocate the school to higher ground. The school has started the planning process to move the school to a property located approximately one mile northwest of town. The city of Minnewaukan intends to relocate to the same location.

III. CITY RELOCATION PLAN

Existing Town

The city has started the planning process for relocating portions of town. It was determined in city meetings that a full relocation plan is uneconomical at this time. With the breakout elevation at the Tolna Coulee of 1,458, the city plans to relocate all structures below 1,460, starting with the lowest lying structures. After all structures are removed below the elevation of 1,460, approximately one third of the town will remain in place, including the Benson County Courthouse, the downtown business district, and higher lying homes. The exact area of town to remain has yet to be determined, but will only include portions of town located above the elevation of 1460 (Exhibit 1).

To keep water service, sanitary sewer service, and roadway access to the remaining portions of town, significant infrastructure improvements will need to take place. Improvements will include the following items:

Existing Town Infrastructure Improvements - \$5.2 million*

- Replace the existing water tower
- Abandon portions of the water distribution system
- Relocate the water lines to town and the well (portions currently under the lake)
- Replace the sanitary sewer lift stations
- Relocate the sewer force main (currently under the lake)
- Abandon portions of the sewage collection system
- Grade raise on various streets in and out of town

If the partial relocation plan does not take place, the above infrastructure improvements will still be required to maintain the community. Without these improvements, the city will have limited roadway access to town and may not have utility service as the lake continues to rise.

New Minnewaukan

The Minnewaukan Public School has acquired a 42 acre tract located approximately one mile northwest of town along Highway 281. The location will be shared by the city and school. Exhibit 3 depicts the location for the new town in comparison to the existing town. The location will be able to utilize the existing sewage lagoons (located directly to the east) and the existing water treatment plant located between the new and existing locations. As shown in Exhibit 4, the 160 acre master plan for the new Minnewaukan allows space for the school, future commercial uses, governmental uses, parks, and residential development. Phase 1 for the new Minnewaukan will include the school property, a commercial lot, and approximately 20-30 residential lots as shown in Exhibit 5. Infrastructure improvements for Phase 1 will include the following items:

New Minnewaukan Infrastructure Improvements - \$2.8 million*

- Land acquisition
- Construction of improvements along Highway 281
 - Turn Lanes
 - Traffic Signals
 - Lighting
- Gravel roads
- Water distribution system
- Sewage collection system and sewage lift station
- Updates to the water treatment plant

*The estimated costs for the infrastructure improvements will be updated as the relocation study is completed.

Funding

The City of Minnewaukan has already received a \$300,000 grant from the Corps of Engineers 594 Program. In addition, the city has committed to provide a local share of 4 percent. The local share will be raised through a combination of sales tax, special assessments and user fees. The city of Minnewaukan is requesting that the remaining funding be provided by the North Dakota Legislature. A summary of the funding is listed below.

City Share	\$350,000
Corps of Engineers	\$300,000
ND Legislature	<u>\$7,350,000</u>
Total	\$8,000,000

Schedule

Over the last two years the lake has risen over four feet in elevation and this year’s forecast is predicting an additional two to three feet in lake levels. At the current rate of rise, the city has little time to proceed with the relocation process. Below is a tentative schedule for obtaining funding, developing the engineering plans and specifications and project construction.

Finalize Funding	Now – March 2011
Develop Relocation Plans, Specs, Permits	April – July 2011
Construction of Improvements	August 2011 – October 2012

IV. MINNEWAUKAN PUBLIC SCHOOLS

The Minnewaukan Public School is a small rural school located near the Spirit Lake Nation in east central North Dakota. The school building looks over the scenic Devils Lake. In recent years, the lake has encroached to the edge of the school's parking lot and is only 100 feet from the school itself.

In the early 1990's, as with many schools in rural North Dakota, the school faced an enrollment crisis. Families became displaced by the rising Devils Lake waters and enrollment dropped to a low of 110 students in grades K-12.

Facing a continued decline in enrollment, a group of individuals traveled to the Reservation to inform parents and families about the education opportunities for their children at the Minnewaukan Public School. The enrollment for the 2010-11 school year is at 270 students in grades PreK-12, with approximately 90 percent of children of Native American decent. The table below summarizes the past growth and anticipated school growth.

Table 5: Public School Enrollment

Grade	2008-2009	2009-2010	2010-2011	2015-2016*
Pre-Kindergarten	17	16	31	30
Kindergarten	21	30	20	30
Grade 1	16	22	30	30
Grade 2	22	20	23	30
Grade 3	17	21	22	30
Grade 4	19	21	20	31
Grade 5	15	19	17	20
Grade 6	15	15	18	29
Grade 7	7	15	20	23
Grade 8	13	10	20	21
Grade 9	17	13	15	23
Grade 10	14	11	14	15
Grade 11	14	14	9	18
Grade 12	17	14	11	19
Total	224	241	270	349

The Minnewaukan Public School has become a destination school for children from the Spirit Lake Nation due to the high level of education available. This is demonstrated in the mandated test scores of the Minnewaukan School compared to other schools serving Native American students as shown in the table below.

Table 6: Minnewaukan Public School Test Score Comparison

School District	Math Scores	Reading Scores
Minnewaukan	70.42%	50.70%
Warwick	38.32%	32.71%
Fort Totten	6.15%	21.05%
Oberon	42.86%	52.38%
New Town	42.86%	52.38%
Mandaree	22.22%	31.48%
St. John	61.02%	60.97%
Belcourt	62.40%	60.70%
Fort Yates	29.09%	30.70%
Solen	46.09%	38.60%

As shown above, the Minnewaukan Public Schools provide a good alternative for Native American students, but additionally closure of the Minnewaukan School would overwhelm the Fort Totten School, which is already near capacity.

The Minnewaukan School District has received a \$7.1 million grant to relocate the school. The school has started the planning process and the architect has prepared a preliminary layout of the school and grounds (Exhibit 6). The school will occupy the southeast corner of Phase 1 (Exhibit 5). The current schedule has construction starting in May 2011 with completion by August of 2012, allowing for school to start that fall (Appendix B).

As shown in the school budgets (Appendix B), the district needs an additional \$1.3 million in funding to accommodate existing student population. If the school accounts for the projected growth anticipated for the 2015-2016 school year, the district needs an additional \$3.0 million in funding to accommodate 349 students.

V. PREPARERS

Trish McQuoid, Mayor
City of Minnewaukan
PO Box 192
Minnewaukan, ND 58351
701 473 5735

Myron Jury, Superintendent
Minnewaukan Public Schools
PO Box 348
Minnewaukan, ND 58351
Myron.Jury@sendit.nodak.edu

Erik Gilbertson, PE
Kadmas, Lee & Jackson, Inc.
PO Box 937
Valley City, ND 58072-0937
erik.gilberston@kljeng.com

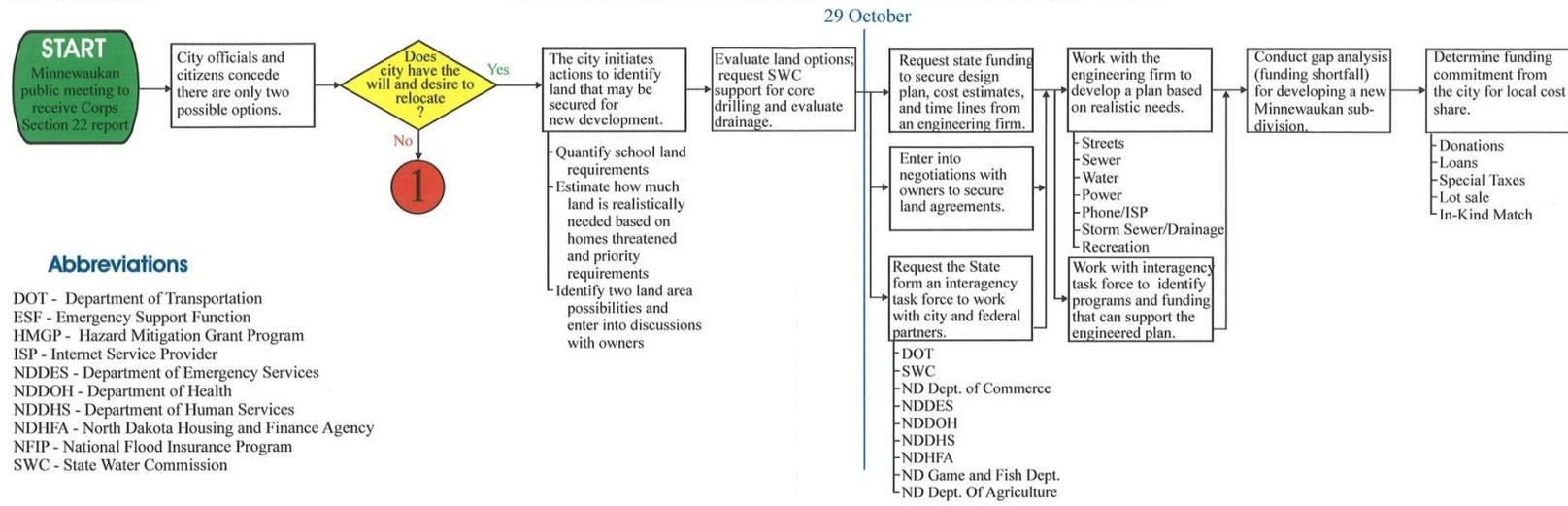
Exhibit 1: Inundation Levels



Exhibit 2: Flood Inundation Action Plan

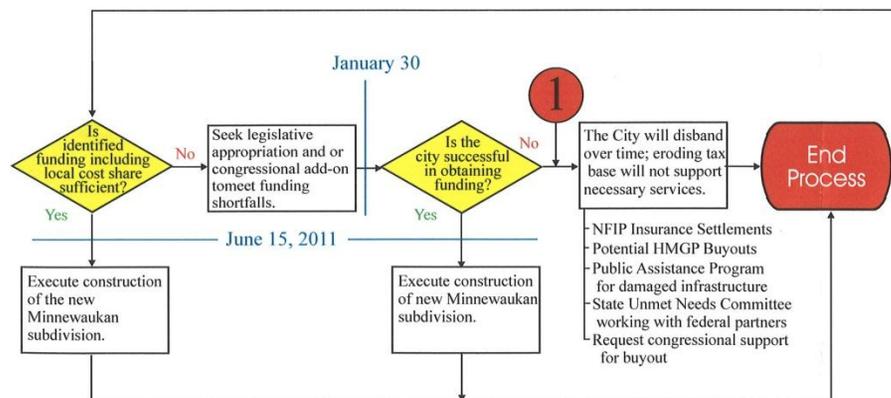
As of October 3, 2010

Minnewaukan Flood Inundation Action Plan



Abbreviations

- DOT - Department of Transportation
- ESF - Emergency Support Function
- HMGP - Hazard Mitigation Grant Program
- ISP - Internet Service Provider
- NDDDES - Department of Emergency Services
- NDDOH - Department of Health
- NDDHS - Department of Human Services
- NDHFA - North Dakota Housing and Finance Agency
- NFIP - National Flood Insurance Program
- SWC - State Water Commission



Notes

After 17 years of Devils Lake flooding, Minnewaukan, has few reasonable options. The Corps of Engineer's Section 22 Study affirmed all courses of action considered are cost prohibitive due to a fractional cost benefit ratio. At this point, the city has two options. The first attempts to develop a scalable plan, secures funding, and constructs a sub-development that provides an area for the new school and priority home and business owners who will immediately suffer flood damage or will obtain insurance settlements. This will create an opportunity for Minnewaukan to remain viable. The second allows nature to take its course and the city will likely be forced to disband because the tax base will no longer support affordable services. This high level flow chart outlines the key actions required to sustain Minnewaukan. It defaults to disbanding if actions are not achieved. It does not identify the many sub-actions and tasks required but presents a good, reasonable and favorable outlook for the city if supported by citizens, businesses, along with county, state, and federal leaders and agencies.

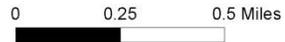
Exhibit 3: New & Existing Minnewaukan



City of Minnewaukan, North Dakota
Minnewaukan City Locations

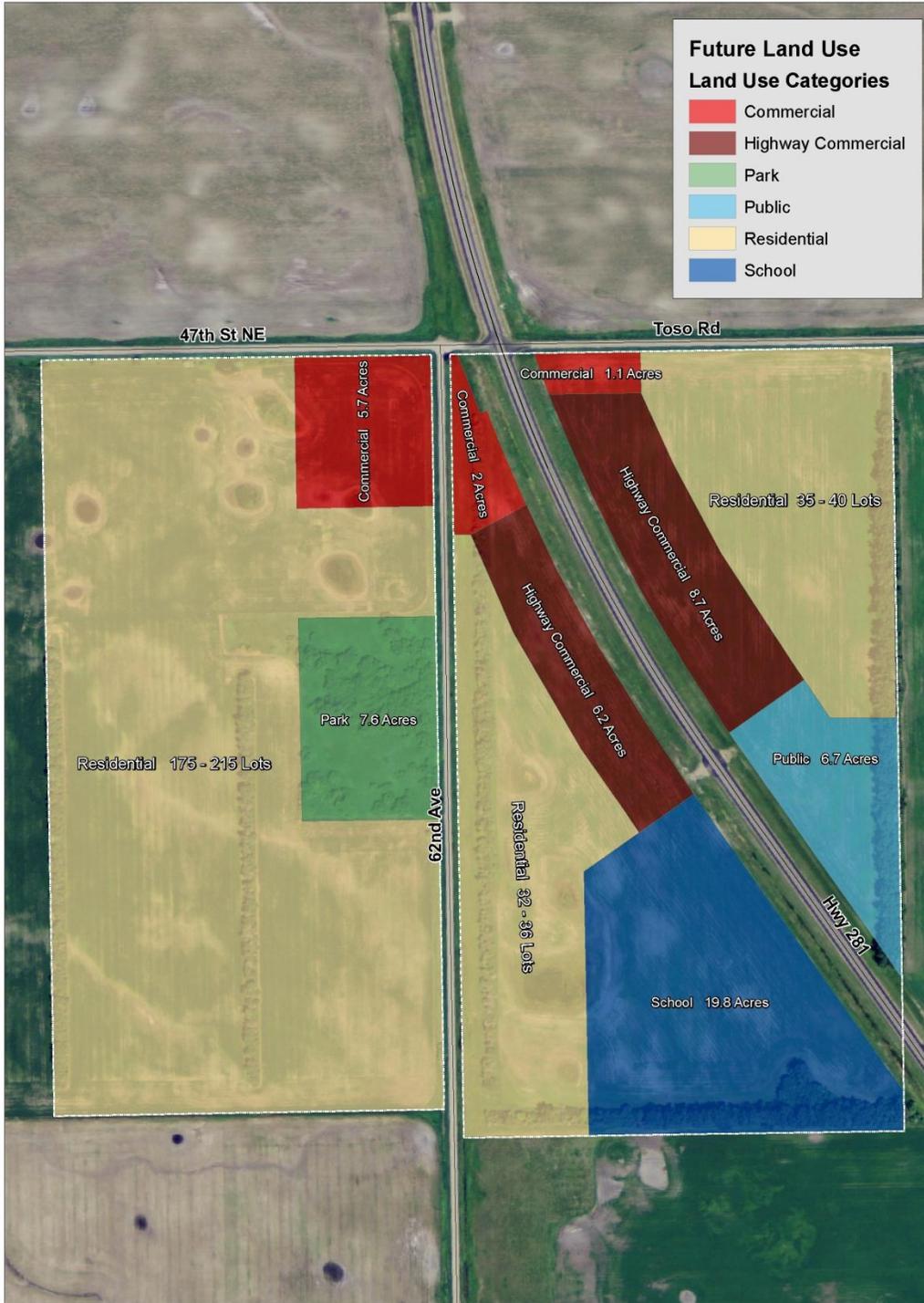


January 2011



Kadmas
 Lee &
 Jackson
 Engineers Surveyors
 Planners

Exhibit 4: New Minnewaukan Full Build Out



City of Minnewaukan, North Dakota
Future City Plan - Build Out - Western Addition

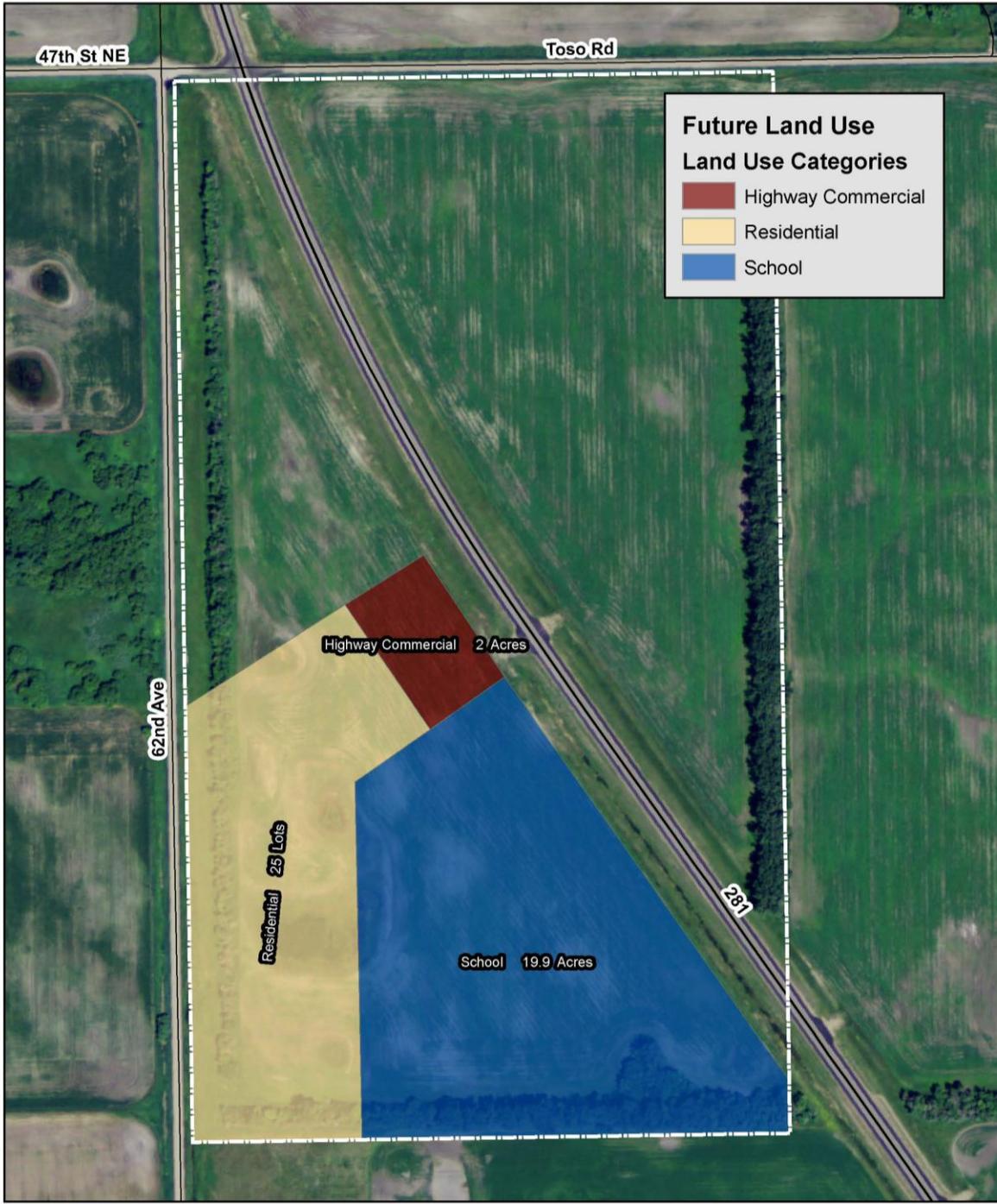


January 2011

0 125 250 500 Feet

**Kadmas
 Lee &
 Jackson**
 Engineers Surveyors
 Planners

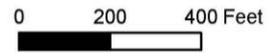
Exhibit 5: New Minnewaukan Phase 1



**City of Minnewaukan, North Dakota
Future City Plan - Phase 1**

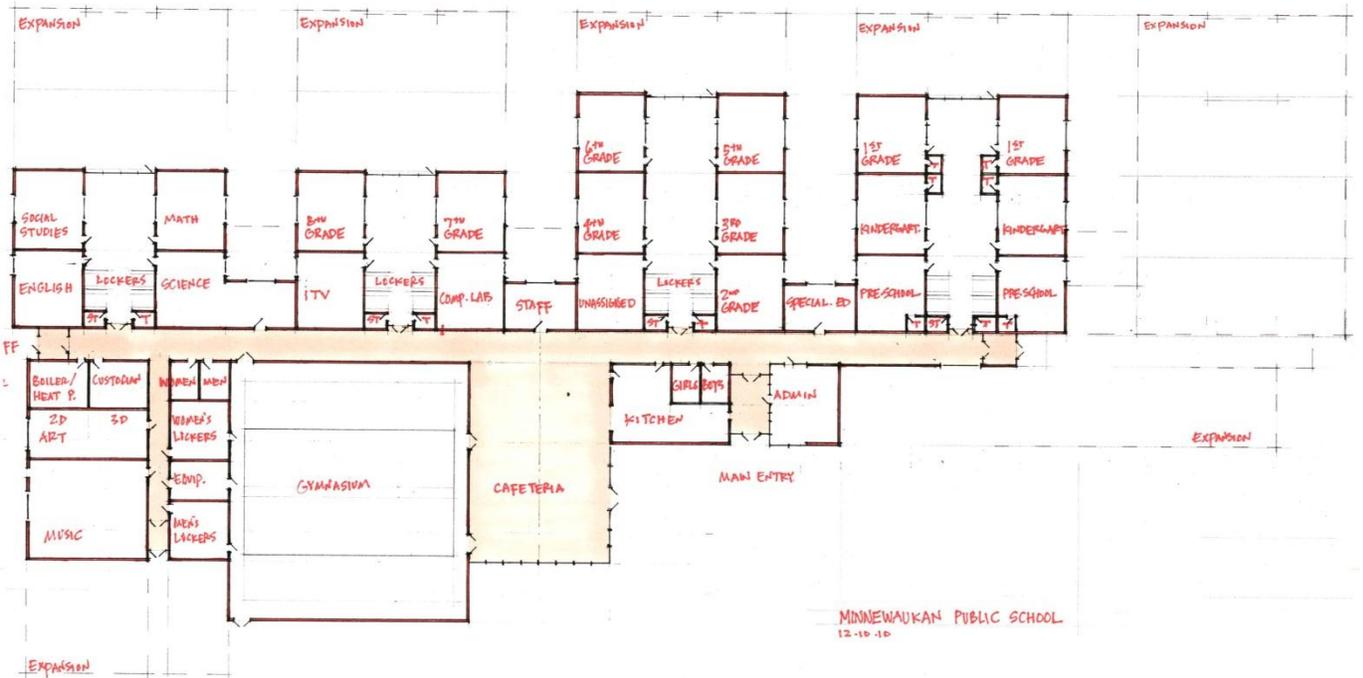
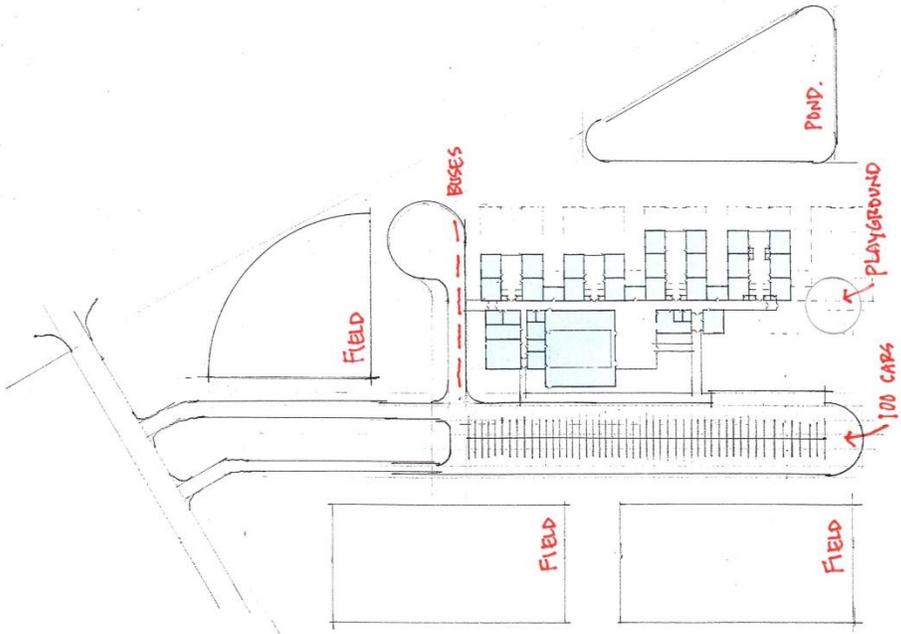


December 2010



**Kadmas
Lee &
Jackson**
Engineers Surveyors
Planners

Exhibit 6: School Layouts



Appendix A: Letters from Mayor and County Commission





December 1, 2010

The Minnewaukan City Council and the Minnewaukan School Board have been working on a process to relocate the school and a portion of the city, beginning with some houses that may have to move during the summer of 2011 and beyond.

During the late summer and fall, several meetings were held to determine the best way to go forward. At a meeting held on September 28, 2010, community members were invited to help plan what the future of the city and school should be. Mr. Greg Wilz of the North Dakota Department of Emergency Services led an in depth discussion and laid out a course of action for the citizens to think about. The **Action Plan** is shown on the following page of this booklet.

At a follow up meeting held at the Minnewaukan School on October 13, 2010, the general public was invited to hear the proposed plan. Myron Jury, Superintendent of Schools, gave an overview of the proposed school project along with financial information and assurances to those in attendance that there would not be any debt incurred by the residents of the Minnewaukan School District. Mr. Greg Wilz explained in depth the proposed Action Plan and gave opportunity for questions. An informal vote was taken with an 85% positive reaction to the plan.

A governors committee was formed consisting of the agencies listed on the action plan sheet. The committee has met several times to bring the members up to speed as to what the problem is and discussion as what each agency can bring to the table.

If the partial relocation is to take place there will need to be cooperation and assistance from many sources. It is hoped that the North Dakota Legislature will be able to help with financial assistance.

Respectfully Submitted,


City of Minnewaukan
Trish McQuoid, Mayor

BENSON COUNTY COMMISSIONERS



PO BOX 206
MINNEWAUKAN, ND 58351-0206

Phone: 701-473-5340 Fax: 701-473-5571

* * * * *

Lowell Haagenson
615 Main St. E
Leeds, ND 58346
(1st District)

Jason Lee
4316 Hwy. #30
Maddock, ND 58348
(2nd District)

Curtis Hvinden
5152 33rd St. NE
Maddock, ND 58348
(3rd District)

David Davidson
7833 37th St. NE
St. Michael, ND 58370
(4th District)

Michael N. Steffan
4179 80th Ave. NE
St. Michael, ND 58370
(5th District)

March 2, 2010

Myron Jury
Minnewaukan Public School
PO Box 348
Minnewaukan, ND 58351

Re: Request for impact aid and other assistance for protection against impending flooding.

Dear Mr. Jury

The Board of the County Commissioners are on record with supporting the City of Minnewaukan and the Minnewaukan Public School District's request for Federal funding from all potential sources to help alleviate the impact of flooding. These efforts will help sustain the existence of the City of Minnewaukan.

Minnewaukan, North Dakota is the County Seat for Benson County. A community made up of approximately 350 permanent residences. As the County Seat, it is the home of the county government, the courthouse, the county road department, and a social service agency occupying 2 separate facilities in the City of Minnewaukan. (See County inventory listing)

The City of Minnewaukan is a vital component to the vitality of county government. County government is necessarily dependent upon the residential tax base which makes up the City of Minnewaukan (see attachment), as well as the community, and its school. The City of Minnewaukan has a Pre-K – 12 school with an approximate student population of 238 students, and a faculty and staff of approximately 61 people.

If the City of Minnewaukan were to succumb to the impending flooding by the body of water known as Devils Lake, the school would be forced to close. The students of this school would be forced to be bused and educated at several different schools throughout Benson County. The faculty and staff of the school would no longer have employment in this area. The infrastructure of the school building itself would be a

complete loss. The Benson County Board of Commissioners do not want to see this happen to the school, the city, and County (See inventory attachment)

Due to flooding and the potential loss of the City of Minnewaukan, Benson County government would lose its County Seat, the County Courthouse ca. 1900, the central county road maintenance facility along with the employees and equipment storage and maintenance site

The abandonment of the city and its businesses and residences would displace approximately 350 permanent residents. The tax base on their homes and properties would land a devastating blow to the tax base of Benson County, North Dakota (see attached for the real property tax base for the City of Minnewaukan).

The infrastructure of the City of Minnewaukan itself has undergone extensive modifications in the past 10 years due to the flooding by the body of water known as Devils Lake. All of these expenditures made would be a complete loss if the City of Minnewaukan were to succumb to the flood waters of Devils Lake

The Benson County Board of Commissioners strongly requests the support of all Federal and State agencies with available solutions, and/or funding, to support the City of Minnewaukan and the Minnewaukan Public School District in its efforts to combat this flooding.

The Benson County government stands ready and willing to lend whatever assistance it may legally and financially dispense with, in support of saving the City of Minnewaukan and the Minnewaukan Public School. The employment and educational opportunities which it presents, as well as a very important tax base for the local and state government should not simply be abandoned.

We ask that all agencies lend support to you in your quest for assistance in this community's efforts against the impending flooding of the City of Minnewaukan and its school. Losing the Minnewaukan School, it's students and staff would be a devastating loss to the City of Minnewaukan and indeed to Benson County.

We realize our dilemmas pale in comparison to the recent earthquake tragedies. Detriment, disparity, hopelessness and disaster is experienced on a level of one person, one family, one community at a time.

The position of Benson County is; our small numbers should not be a deterrent in obtaining any available resources for assistance

Thank you for your consideration of our situation and any assistance you may be able to direct our way

13
[Handwritten initials]

Page - 3 Letter to Myron Jury dated March 2 2010

Sincerely,

The Benson County Board of Commissioners

Lowell Haagenson

Lowell Haagenson
Chairman
Attachments as set out above.

Appendix B: School Schedule and Budget



**MINNEWAUKAN SCHOOL BUILDING FINANCIAL INFORMATION
DECEMBER 31, 2010**

According to the proposed plan as presented on 12/10/10 the below tables are for a working budget.

Building Square Footage	55,212 Sq Ft
Times estimated cost	\$ 140
Total Cost	\$7,729,680

Additional Costs	
Drives and parking	\$250,000
Utilities	\$350,000
Furniture	\$100,000
Grand Total	\$ 8,429,680

Estimated Revenue	
Impact Aid Grant	\$6,000,000
North Dakota (Governors Pledge)	\$587,000
Local Resources	\$523,000
Total Resources	\$7,110,000
DIFFERENCE	-\$1,319,680

Enrollment Projection 2015-2016													
Pre-K	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	Total
30	30	30	30	31	20	29	23	21	23	15	18	19	349

If projections are close, we will require six more elementary classrooms plus the commons space to accompany the classrooms.

12 ELEMENTARY CLASSROOMS IN DRAFT PLAN

16 CLASSROOMS WOULD BE REQUIRED

16 – 12 = 4 + 3 = 7 COMMONS SPACE 28x32 = 896 sq ft x 7 = 6272 sq ft
6272 sq ft x \$140 = \$878,080

Projections would require additional classroom space for high school as well.

4 CLASSROOM + 2 COMMONS AREA 28 x 32 = 896 sq ft x 6 = 5376 sq ft
5376 sq ft x \$140 = \$752,640

REVISED BUDGET INFORMATION

Original Draft Plan	55,212 sq ft
Near Future Needs	6,272 sq ft
	5,376 sq ft
Total Square Feet	66,820 sq ft x \$ 140
X	\$140
Building Grand Total	\$9,354,800
Drives and Parking	\$ 250,000
Utilities	\$350,000
Furnishings	\$100,000
Grand Total	\$10,054,800
Revenue in hand	<u>\$7,110,000</u>
NEED TO FIND	\$2,944,800

Appendix C: Newspaper References





Sarah Kolberg, staff photographer

▲ Rising Devils Lake waters are growing precariously close to the public school in Minnewaukan, N.D. In a sink or swim move, the North Dakota's congressional leaders chose swim by securing a \$6 million federal grant from the Department of Education that will allow for the school to be moved to safer ground.

Life ring for learning

■ Minnewaukan School gets \$6 million to retreat from rising lake

By Kevin Bonham
Herald Staff Writer

Flood-threatened Minnewaukan Public School will receive a \$6 million federal grant to move the school away from the menacing Devils Lake.

North Dakota's congressional delegation — Sen. Kent Conrad, Sen. Byron Dorgan and Rep. Earl Pomeroy — announced the federal Department of Education grant Wednesday.

“Minnewaukan School faces an urgent threat. This runaway lake is lapping at their doorstep. Action needs to be taken and taken now,” the delegation said in a joint statement. “This is a grant we have been pushing for and

will be a tremendous help in moving the school to higher ground.”

Superintendent Myron Jury hopes the new school will be ready for the 2012-13 school year. A local planning committee will be named soon.

The proposed school would cost about \$7.2 million, said Jury. Jury also said Gov. John Hoeven has indicated the state would provide a portion of the remaining funding, while the rest likely would have to be raised locally.

Too close for comfort

Devils Lake, which has risen by nearly 30 feet and quadrupled in size in the past 17 years, is only about 130 feet away from the school property. In 1993, when the current wet cycle began, the lake was about eight miles away.

The lake reached a record elevation of 1,452.1 feet above sea level this summer but now is about 1,451.5 feet. It has risen about 5 feet in the past two years.

Minnewaukan officials hope to build a new school on higher ground on the

west side of the relocated U.S. Highway 281, about one-half mile away.

School district officials also will meet soon with architects to start drawing preliminary plans for the school and contact property owners, to find a suitable location.

Water and sewer services also will have to be built to accommodate the new facility.

City officials hope to secure funding to build such infrastructure across the highway, to provide an area for the city to expand while maintaining the core business section of town, which is built on higher ground.

Devils Lake is predicted to overflow from Stump Lake toward the Sheyenne River if it reaches 1,458 feet.

Receding residents

Minnewaukan had a population of about 300 last year. But rising floodwaters have forced more than a dozen families to move in the past few

MINNEWAUKAN: See Page C3

MINNEWAUKAN/

Continued from Page C1

months.

Minnewaukan Public School has 263 students enrolled this fall in K-12. That's an increase of 22 from last year, and up about 40 from two years ago.

“We're planning for a number of classrooms, a few more than we have now,” Jury said. “We're not planning to build a new school on higher ground on the

to learn.”

In the mid-1990s, enrollment was as low as 110. Today, about 90 percent of the students live on the neighboring Spirit Lake Indian Reservation.

“We'd like to think we're doing a good job,” Jury said. “We really work hard to make the kids come to school and do their work, and we think the parents appreciate that. We'd like to think we're one big family here.”

Reach Bonham at (701) 780-1110, (900) 477-

BENSON COUNTY FARMERS PRESS

Continuing the Devils Lake World, the Maddock Standard, Benson County Courier, the Esmond Bee and Dakota Siftings
Official Newspaper of Benson County Volume 127, Number 47 Wednesday, December 29, 2010

New Mwkn school plans on track

The Minnewaukan School Board and the city of Minnewaukan are working toward a partial relocation of threatened infrastructure in Minnewaukan. It is expected the school, which will need approximately 15 acres, and the city will locate in the same area.

Final decisions have not been made, but the school has taken out an option on 42 acres of land on the west side of new US 281 owned by Bill Streifel in the NW1/4 of Section 9 in West Bay Township. The selling price of the land is \$2,750 per acre. It is expected the purchase of this property will be made before the end of 2010.

The school board also has an option on an additional 32 acres in this quarter section on the east side of US 281. If the board decides to purchase the property, it will be done before the end of 2011.

The school board has received a \$6,000,000 grant to build the new school building because the current school is in danger of being flooded in the next few years, depending on how much the lake rises.

Superintendent Myron Jury said

he was notified of a federal impact aid program with \$17,000,000 in emergency funds. The school board told Jury to apply for the grant, which he did, with the assistance of architect Kent Anderson.

The application was based on a building similar to the present building and with an estimated cost of \$6 to \$7 million. Gov. John Hoeven committed 10 percent of the cost and the school will chip in 10 percent, with a total cost of \$7.2 million.

Much of the local 10 percent cost will be covered by items the school already has, such as electronic equipment, bleachers, furniture and other equipment.

Jury emphasized that there will not be any debt incurred by the school district and no bonding. Thus there will be no increase in property taxes as a result of the new building.

Some people are asking why the board wants to build a new school when there are so few local students in the district. "I would like to compare the project to one that might propose the building of a manufacturing or processing

facility that would employ 63 people with an annual payroll of more than \$2,000,000," Jury said.

In the last fiscal year, the total amount spent by the school board in operating the school was \$3.6 million, of which property taxes covered \$200,000 or 5.5%.

"Our product is the education of young people who attend the Minnewaukan School," Jury said. "Our enrollment has increased each year so that the number of children attending is 370 as of December 14, 2010," he added.

An architectural firm has been hired and architects have submitted a preliminary plan that will be revised several times, Jury said.

A grant has been written to the Department of Transportation to fund an access road. Help will be sought from the State Legislature. Several committees are beginning to organize to help with planning for the new school.

Members of the school board are Chairman David Ambers, Randy Thompson, Laura Every, Terry Yri and Kurt Sogge.



Credit Uni

North Star Community Credit Union was named the Card Services for Credit Unions community Outreach national first place winner in 2010. NSCCU submitted the Maddock Community Food Pantry project for the scholarship and awarded a grant of \$2,600 to be used for community

Minnewaukan gets waiver for FEMA funds

Senators Kent Conrad and Byron Dorgan and Congressman Earl Pomeroy announced last week that a federal working group has endorsed measures to move more water off Devils Lake and provide relief to the Devils Lake Basin and communities downstream.

"This report endorses immediate action to protect against catastrophic downstream flooding, supports state action to move more water off the lake and commits the federal government to protecting infrastructure within the Devils Lake Basin. It's a strong start in defining the federal government's role and committing it to a working partnership with state and local government," the delegation said in a joint statement.

During the course of the working group's analysis, the congressional delegation and the state successfully pushed the Environmental Protection Agency (EPA) to expedite decisions to relax water quality standards on the upper Sheyenne.

The decision to relax the standards will allow more water to be moved off the lake and reduce the threat to communities in the Devils Lake basin and downstream.

Additionally, the report clarifies an EPA ruling that the State of North Dakota does not need federal approval to move more water from Devils Lake. The ruling frees up the state's efforts to increase controlled releases through the existing west end outlet in Benson County and another outlet planned for the eastern end of the lake.

In conjunction with state action to build an east end outlet, the report also calls for immediate work on plans for a control structure to prevent catastrophic flooding in Valley City and other downstream communities. A control structure would also reduce the chances that the lowest-quality water from Stump Lake will move into the Sheyenne River.

On infrastructure, the report endorses continued action to strengthen

and extend the Devils Lake levee, raise roads and help the city of Minnewaukan relocate to higher ground.

Devils Lake hit a record elevation of 1,452.1 feet this summer, just six feet from the point where it would spill uncontrollably from Stump Lake through the Tolna Coulee to the Sheyenne River. The report notes that the federal government has already committed more than \$850 million to fight the flooding in the region.

Additionally, the federal report makes the following commitments:

- The Corps of Engineers will expedite any state request for permits associated with the east end outlet and any permits that may be necessary to expand the existing state outlet.
- The Department of Transportation and the Federal Highway Administration will continue working with the state to raise roads.
- The U.S. Department of Agriculture (USDA) will work to in-

crease upper basin water storage and develop a range of legislative options to increase participation and enhance compensation to flooded landowners.

FEMA will grant a waiver to allow Minnewaukan to access Hazard Mitigation Grant Program funds to facilitate its partial relocation to higher ground. The city was ineligible for this funding because the county's Hazard Mitigation Plan has not been completed. It is expected the plan will be completed sometime next year, but the waiver allows the city to access the funds prior to completion of the plan. This complements a decision earlier this year by the US Department of Education to award a \$6 million grant to the Minnewaukan Public School District to relocate its school away from the rising waters of Devils Lake.

The Chief of the Corps of Engineers will coordinate and expedite the federal response.

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Nobody knows fate of Minnewaukan, but UND research available to help

Editor's note: The following article appeared in the Autumn 2010 issue of UND Discovery, which is published by the UND Office of the Vice President for Research and Economic Development, with assistance from the Office of University Relations, Peter Johnson, director. David Dodds is editor of the publication.

The focus of the article is on research done on behalf of the city of Minnewaukan, but there are more Benson County connections. Peter Johnson is married to the former Marsha Loken, who grew up on a farm 10 miles south of Knox. David Dodds is the son of Lyle and Darlene Dodds, who live near York.

BY PATRICK C. MILLER
UND Discovery

The relentless advance of Devils Lake on the small North Dakota town of Minnewaukan has been like watching a science fiction movie in slow motion.

The lake is the monster that won't stop growing, devouring and destroying everything in its path. The small town of about 300, once eight miles away from the lake's western shore, is now threatened by rising water that's literally on the doorstep.

Christina (Tina) Cummings, a graduate student in UND's Department of Geography, has spent the past two years writing her master's thesis on the flooding threat Devils Lake poses to Minnewaukan. When completed, her work will become part of the Devils Lake risk assessment study being put together by the Federal Emergency Management Agency (FEMA) in collaboration with other federal, state and local agencies.

"The ultimate goal is to produce a series of maps to assist local officials in the decision-making process with the rising lake levels," explained Cummings, a Penn State graduate who hails from Lorton, Va. "My maps show the locations of buildings that will be submerged or damaged and the estimated building damage loss."

Her thesis provides the most detailed, accurate and up-to-date picture of what could happen to Minnewaukan if Devils Lake continues to rise. In one-foot increments, Cummings' maps provide

local officials with a clear view of the future if the lake goes from its current level of 1,452 feet above sea level to 1,460 feet.

"I wanted my thesis to have some real-life application," Cummings said. "I wanted it to not just be used as a thesis, but to help local officials plan. I think hazard mitigation and the expansion of Devils Lake are fascinating topics."

According to the North Dakota State Water Commission, Devils Lake has risen nearly 29 feet since 1993. In April 2010, the lake covered 277 square miles, increasing in area by four times and volume by six times over the past seven years. Nobody knows when or if the lake will stop rising, but it is known that when the lake's elevation reaches 1,458 feet, it will spill over into the Tolu Coulee and then drain into the Sheyenne River and the Red River.

Even if Devils Lake begins to drain naturally, its level at Minnewaukan could temporarily reach 1,460 feet on the western side during the spring.

"We have to figure out the next step," said Ellen Huffman, Benson County tax assessor, who worked closely with Cummings on the project. "We need all the help we can get here as far as trying to figure things out because it's just overwhelming."

Cummings' primary goal is to help the townspeople make important decisions about their future. Should the town or parts of it be relocated? How much can realistically be saved from flooding? Should a property owner take a FEMA buyout if available?

"This information should be very helpful for city officials to make decisions," Cummings said. "It's very technical, but when you relay the information to the public, this is what they're interested in. How does it affect me? How does it affect my house? What does this mean for the town of Minnewaukan?"

Cummings spent hours in the county courthouse in Minnewaukan, scanning more than 1,200 pages of tax records on the town's 300 buildings. This enabled her to digitize figures on the assessed value of each taxable structure in the town

(Continued on Back Page)



The top aerial photograph depicts lake waters impacting Minnewaukan in the spring of 2010. The maps below that were generated by Cummings to depict the impact on the community if Devils Lake rises to 1,454, 1,457 and 1,460 feet, respectively. The purple circles represent the relative dollar value of structures affected, from small for lower value to large for high value.



UND geography graduate student Christina (Tina) Cummings (left) and Benson County tax assessor Ellen Huffman review maps depicting the potential impacts on Minnewaukan of further rises in the level of Devils Lake. The lake has already engulfed thousands of acres of farmland and reached the edge of the community. Twelve houses have been moved out of town, four houses have been demolished and one house and a church were relocated in town because of the flood. The ladies are standing on the street east of the Minnewaukan School. The trees in the background mark the location of Minnewaukan's boat ramp, which is also unusable because of high water.

Item#	Project	Critical Elevation (14XX ft MSL)	Cost**	Funding on Hand/ Projected Fed- other Program Funding/ Potential SDRF	Potential Future Funding Sources	Challenges	Effects of Not Taking Action/ Follow On Effects/ Remarks	Current Status
A1	Construction of a new water tower, and demolition of the old one	52	\$770,000	\$300,000 – USACE \$470,000 - SDRF	<ul style="list-style-type: none"> ● USDA-RD ● CDBG ● Unified HMA* ● Local cost share ● NDDoH - SRF *** ● SDRF 	<ul style="list-style-type: none"> ● Matching concerns ● App timing ● Project timing 	City water system will shut down, and what exists in the current Minnewaukan footprint will be unlivable	<ul style="list-style-type: none"> ● Per KLJ, USACE has indicated that the \$300,000 provided is all that will be available from them for this project ● USACE indicates this must begin ASAP or potential exists for funding deobligation
A2	Temporary Protection of School (riprap lot, water collection systems)	52	\$50,000	\$90,000 - CDBG	USACE	Timing for emplacement of levee	The school may become unusable before the new one is ready to transition into	<ul style="list-style-type: none"> ● Governor’s Request submitted to USACE. Request is at Mississippi Valley Division USACE; a late April 2011 start is projected ● Two alignment options are being discussed between the city, KLJ, and USACE ● City has indicated to the USACE that the north end alignment must be changed because it currently runs through a business and RV Park

Item#	Project	Critical Elevation (14XX ft MSL)	Cost**	Funding on Hand/ Projected Fed- other Program Funding/ Potential SDRF	Potential Future Funding Sources	Challenges	Effects of Not Taking Action/ Follow On Effects/ Remarks	Current Status
A3	Sanitary Sewer Improvement Flood Proofing (Old town sewer relocations, including lift stations)	55	\$1,510,000 \$1,320,000	<p>\$350,000 \$198,000 - City (has to be generated through such things as taxes and specials)</p> <p>\$556,000 - USDA RD \$990,000 - NDDes Unified HMA</p> <p>\$604,000 \$132,000** - SDRF</p>	<ul style="list-style-type: none"> • NDDes Unified HMA* • NDDes PA* • USDA - RD (loan and grant) • CDBG • Local cost share • NDDoH – SRF*** • SDRF 	<ul style="list-style-type: none"> • USDA RD - timing of the grant application, and their funding also retains federal identity. This would need to be a standalone project • City needs to be on the clean water list for eligibility for SRF funds 	<ul style="list-style-type: none"> • If the sanitary sewer system is not preserved, what exists in the current Minnewaukan footprint will be unlivable • This project involves new lifts built on higher ground, line reroute, and relocating force mains 	<ul style="list-style-type: none"> • NDDes Unified HMA lift station flood proofing application is in progress. Erik Gilbertson is the lead. • Lift station relocation could be considered under Unified HMA, but Benefit-Cost would be problematic • BCA for a Lift Station Flood Proof project looks like it will meet program requirements; weakest is 1.6, strongest is 2.4. Compiling supporting data for values now • SOW is identified for flood proof project; CATEX II anticipated • A city sales tax increase is currently in the public hearing phase. If adopted, the sales tax will increase from 1.5% to 2.0% on July 01, 2011 • KLJ anticipates projects submission before the April 15, 2011 deadline

Item#	Project	Critical Elevation (14XX ft MSL)	Cost**	Funding on Hand/ Projected Fed- other Program Funding/ Potential SDRF	Potential Future Funding Sources	Challenges	Effects of Not Taking Action/ Follow On Effects/ Remarks	Current Status
A4	Relocation of 10-30 Residential Structures	53	\$2,400,000** \$5,500,000**	<ul style="list-style-type: none"> ● NFIP Policy Payouts* ● NDHFA – contributed a \$12,000 grant to the city for relocation engineering costs, \$16,000 to Benson County for their MHMP, and extended the County Housing Coordinator to Sept 11 <p style="text-align: center;"> \$1,800,000 \$4,125,000– Unified HMA </p> <p style="text-align: center;"> \$240,000 \$550,000– SDRF </p> <p style="text-align: center;"> \$360,000 \$825,000 - City </p>	<ul style="list-style-type: none"> ● NDES Unified HMA* ● NFIP ● NDHFA - Rural Housing Development† ● SDRF 	<ul style="list-style-type: none"> ● Benefit Cost Ratio – may not achieve it with current documented damages ● NFIP Standard Guidelines require property to be wet for 90 days ● Very few citizens have the NFIP endorsement 	<ul style="list-style-type: none"> ● Scope of work and project cost will be determined as future flood forecasts solidify more accurate lake rise data ● If residences are not relocated, the tax base lost will result in un-incorporation ● Few reasons to pursue other projects exist if a way ahead for partial relocation of residents is not realized 	<ul style="list-style-type: none"> ● NDES Unified HMA Application being developed by KLJ. Paul Zaharia and Shawn Bondly are the leads ● Unified HMA Acquisition/ Relocation projects will be submitted for consideration under imminent risk benefit-cost criteria as defined in the 08/06/1999 memorandum from FEMA. Square footage dollar amounts have also been updated to today’s standards ● Two applications are anticipated: <ul style="list-style-type: none"> ○ Relocation: 22 structures ○ Acquisition: 30+ structures ● KLJ anticipates projects submission right at the April 15, 2011 deadline

Item#	Project	Critical Elevation (14XX ft MSL)	Cost**	Funding on Hand/ Projected Fed- other Program Funding/ Potential SDRF	Potential Future Funding Sources	Challenges	Effects of Not Taking Action/ Follow On Effects/ Remarks	Current Status
A5	Flood proofing basements	52	TBD	\$0	<ul style="list-style-type: none"> • Unified HMA* • CDBG (problematic) • NDHFA 			<ul style="list-style-type: none"> • This may be a follow on activity for any properties not acquired/ relocated • In addition to property identified by the city, there is potential for flood proofing of the county courthouse
A6	Water Improvements (old town relocations)	55	\$120,000	\$72,000 – NDDoH - SRF \$120,000 \$48,000- SDRF	<ul style="list-style-type: none"> • NDES Unified HMA* • NDES PA* • USDA - RD (loan and grant) • Local cost share • NDDoH – SRF*** • SDRF 	<ul style="list-style-type: none"> • USDA RD - timing of the grant application; their funding also retains federal identity. This would need to be a standalone project • City needs to be on the clean water list for SRF 	Water mains will be under the lake and inaccessible for repair if broken.	There is technically no imminent threat, so the city and KLJ are not actively conducting funding applications for this project.

Item#	Project	Critical Elevation (14XX ft MSL)	Cost**	Funding on Hand/ Projected Fed- other Program Funding/ Potential SDRF	Potential Future Funding Sources	Challenges	Effects of Not Taking Action/ Follow On Effects/ Remarks	Current Status
A7	Main St Road Elevation	56	\$320,000	\$320,000 - SDRF	SDRF	TBD, once a funding source is identified	<ul style="list-style-type: none"> • Access to downtown and to critical services located downtown will be limited • Alternate gravel roads used for a detour will wear out sooner, resulting in potentially unaffordable maintenance costs 	A second NDDOT grant for a road to school is not feasible due to timing of the road elevation requirement
	TOTAL- PROJECTS to FLOODPROOF EXISTING CITY		\$5,170,000 \$8,080,000	\$740,000 \$660,000 \$1,754,000 \$1,520,000 - SDRF \$2,716,000 \$5,940,000 - Other				

Item#	Project	Critical Elevation (14XX ft MSL)	Cost**	Funding on Hand/ Projected Fed- other Program Funding/ Potential SDRF	Potential Future Funding Sources	Challenges	Effects of Not Taking Action/ Follow On Effects/ Remarks	Current Status
B1	Acquire Land for Residential Relocation	55	\$68,750	\$0 \$68,750 - City	<ul style="list-style-type: none"> ● NDHFA- Rural Housing Development † ● ND Public Finance Agency † 	NDHFA program funds provide only 50% of the cost of housing relocation and supporting infrastructure	<ul style="list-style-type: none"> ● Residences will not be able to relocate within Minnewaukan; the city will lose tax base ● Land cost is based on \$2,750/acre x 25 acres ● NDHFA programs provide 75% lending to land acquisition ● Public Finance can provide loans to the city at market rates 	The city will apply for a loan from the local bank, with possible funding for that loan to come from Bank of North Dakota to that local bank
B2	New town sewer and water infrastructure (distribution, collection, connection between towns, pump improvements)	55	\$1,980,000	<p>\$792,000 – USDA-RD US EDA</p> <p>\$1,188,000 - SDRF</p>	<ul style="list-style-type: none"> ● NDSWC (distribution and rural water systems) ● USDA-RD ● US EDA ● CDBG ● USACE 594 ● Local cost share ● NDDoH - SRF *** ● SDRF 	Project Timing	<ul style="list-style-type: none"> ● The new subdivision will not be capable of supporting residences or a new school ● The new school opens in the fall of 2012 	<ul style="list-style-type: none"> ● Final reports will be sent in to USEDA in late April. Award competition is in June. Possible funding in July, pending EA ● There is potential to split the sewer and water into two different projects, allowing for the opportunity of CDBG funding for one and US EDA funding for the other
B3	New town road network	55	\$380,000	\$380,000 – US EDA	US EDA			

Item#	Project	Critical Elevation (14XX ft MSL)	Cost**	Funding on Hand/ Projected Fed- other Program Funding/ Potential SDRF	Potential Future Funding Sources	Challenges	Effects of Not Taking Action/ Follow On Effects/ Remarks	Current Status
B4	New town communications and power network	55	\$0	\$0	REC/RTC/Cable			<ul style="list-style-type: none"> ● Otter Tail Power and ND Telephone will treat the new development like any other new subdivision, and front the funding necessary to extend their services ● The current cable provider is asking for a significant funding front from the city to extend their services. This may open up opportunity for competition between other cable providers and/ or satellite TV
B5	Highway access and signalization for the new town	55	\$580,000	\$250,000- NDDOT school access program (applied for but not confirmed) \$330,000 - SDRF	<ul style="list-style-type: none"> ● NDDOT ● SDRF 	NDDOT funding is competitive, and limited to \$250,000 per project. Any difference needs to be made up	<ul style="list-style-type: none"> ● Students and residents will be unable to access the school and homes ● Potential for increased auto accidents without effective signalization 	<ul style="list-style-type: none"> ● Activity deferred due to higher priorities ● Signalization will not be required until more robust development of the subdivision occurs ● Application did not score high enough for NDDOT Grant

Item#	Project	Critical Elevation (14XX ft MSL)	Cost**	Funding on Hand/ Projected Fed- other Program Funding/ Potential SDRF	Potential Future Funding Sources	Challenges	Effects of Not Taking Action/ Follow On Effects/ Remarks	Current Status
B6	Public Facilities (bldgs.)	55	TBD	\$0	<ul style="list-style-type: none"> ● NFIP* ● Unified HMA* ● USDA-RD ● PA* 			Activity deferred due to higher priorities
B7	Well line relocation	Underwater already	\$980,000	\$0 \$980,000 – US EDA	<ul style="list-style-type: none"> ● USACE 594 ● Unified HMA ● USDA-RD ● CDBG* ● NDSWC ● NDDoH – SRF*** 	Timing	What exists in the current Minnewaukan footprint will be unlivable	Activity deferred due to higher priorities
B8	Sewer Force Main Relocation	Already at potential failure	\$440,000	\$0	<ul style="list-style-type: none"> ● USACE Section 594 ● NDDDES Unified HMA* ● USDA – RD ● CDBG* ● Local cost share ● NDDoH - SRF *** 	<ul style="list-style-type: none"> ● Project Timing for 594 ● USDA - RD application timing 	<ul style="list-style-type: none"> ● If the force main is not relocated, what exists in the current Minnewaukan footprint will be unlivable ● This is underwater now, and could fail at anytime 	Activity deferred due to higher priorities
B9	Industrial site		TBD	\$0	US EDA			Tied in to other activities above with a potential link to EDA

Item#	Project	Critical Elevation (14XX ft MSL)	Cost**	Funding on Hand/ Projected Fed- other Program Funding/ Potential SDRF	Potential Future Funding Sources	Challenges	Effects of Not Taking Action/ Follow On Effects/ Remarks	Current Status
	TOTAL- DEVELOP NEW SUBDIVISION		\$4,428,750	\$250,000 \$318,750 \$1,518,000 – SDRF \$1,240,750 \$2,152,000 - Other				
	PLUS TOTAL- PROJECTS to FLOODPROOF EXISTING CITY		\$5,170,000 \$8,080,000	\$740,000 \$660,000 \$1,754,000 \$1,520,000 - SDRF \$2,716,000 \$5,940,000 – Other				

Item#	Project	Critical Elevation (14XX ft MSL)	Cost**	Funding on Hand/ Projected Fed- other Program Funding/ Potential SDRF	Potential Future Funding Sources	Challenges	Effects of Not Taking Action/ Follow On Effects/ Remarks	Current Status
	GRAND TOTAL		<p>\$9,598,750 \$12,508,750</p>	<p>\$990,000 \$978,750</p> <p>\$3,272,000 – \$3,038,000 SDRF</p> <p>\$3,948,000 – \$8,092,000 Other</p>				

NOTES:

1. The Minnewaukan City Engineer is continuously refining the cost estimate for the various components of the relocation.
2. For **ALL** funding programs listed as a potential source, eligibility determinations still need to be made. A final project scope of work, as detailed in applications, is required for these determinations.
3. NWS Outlook for Flood Potential
VALID MARCH 24, 2011 - SEPTEMBER 29, 2011
Percent Chance Outlook for Lake Level Crests at Creel Bay (Stump Lake identical):

90%	80%	70%	60%	50%	40%	30%	20%	10%
-----	-----	-----	-----	-----	-----	-----	-----	-----
1454.2	1454.4	1454.6	1454.7	1454.8	1455.0	1455.2	1455.7	1455.9
4. Engineering fee cost estimates for the above are built into the project costs. Estimates are based on Construction Costs, +20% Construction Contingency, +20% Engineering (design & construction), and +5% Administration & Legal. Engineering fee percentage will vary depending on how many projects are included.

*Damages required

**Estimated

*** Can be a loan for 100% of the project or to satisfy local match requirements for other programs

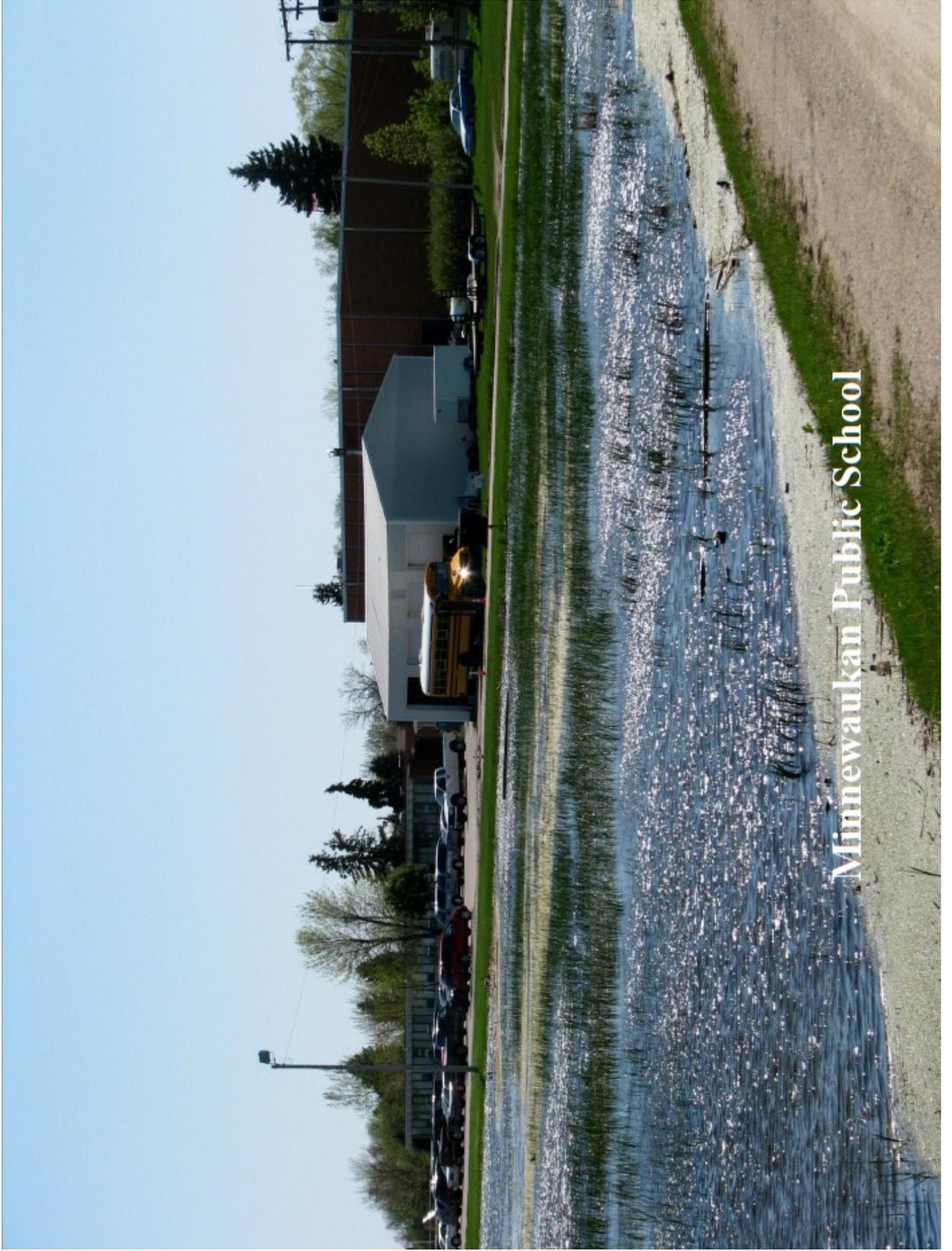
† Loan can be made to the city or an eligible applicant agent authorized to act on their behalf

†† As indicated by the City Engineer- Kadrmas, Lee, and Jackson, PE

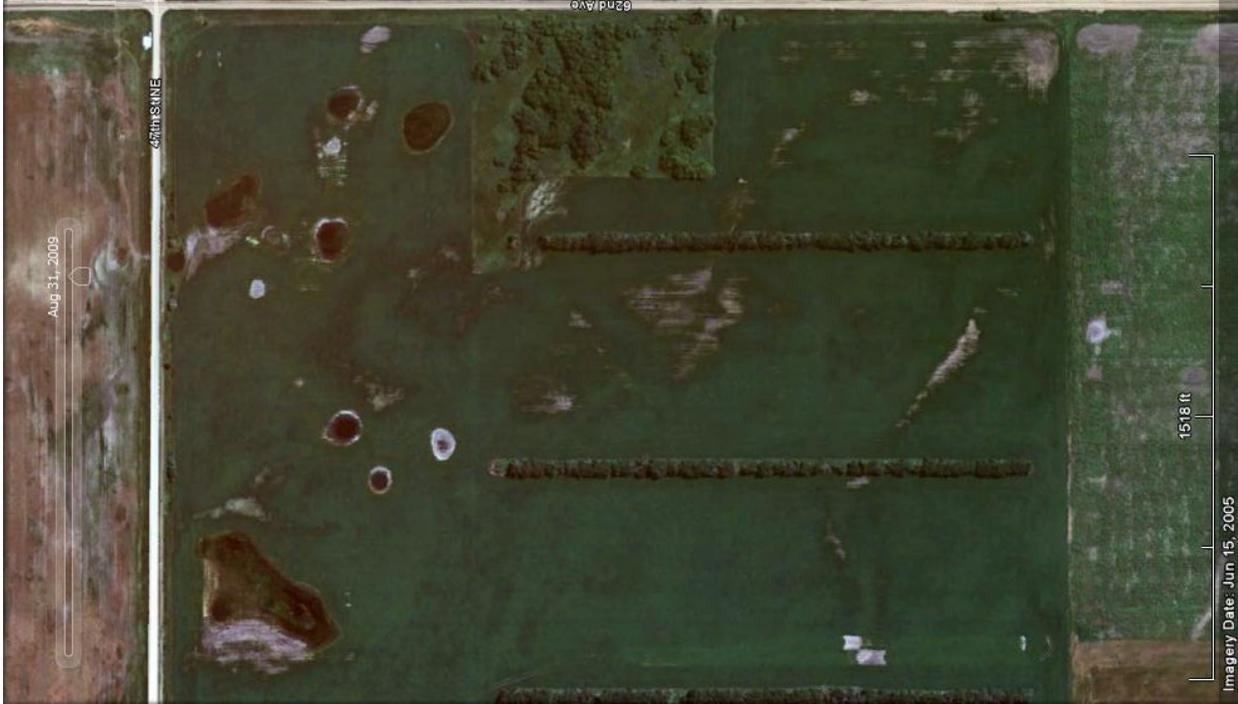
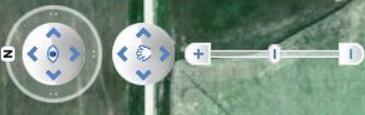
ACRONYMS:

- BCA: Benefit-Cost Analysis
- CATEX: Categorical Exclusion
- CDBG: Community Development Block Grant
- EA: Environmental Assessment
- EHP: Environmental and Historic Preservation
- HMA: Hazard Mitigation Assistance
- NDDES: ND Department of Emergency Services – Division of Homeland Security
- NDDoH: ND Department of Health
- NDDOT: ND Department of Transportation
- NDHFA: ND Housing Finance Agency
- NDSWC: ND State Water Commission
- NFIP: National Flood Insurance Program
- PA: Public Assistance
- USACE: US Army Corps of Engineers
- USDA-RD: US Department of Agriculture Rural Development
- US EDA: US Economic Development Administration
- REC: Rural Electric Cooperative
- RTC: Rural Telephone Cooperative

- SDRF: State Disaster Relief Fund
- SHMO: State Hazard Mitigation Officer
- SOW: Scope of Work
- SRF: State Revolving Loan Fund



Minnewaukan Public School



Eye alt: 6790 ft

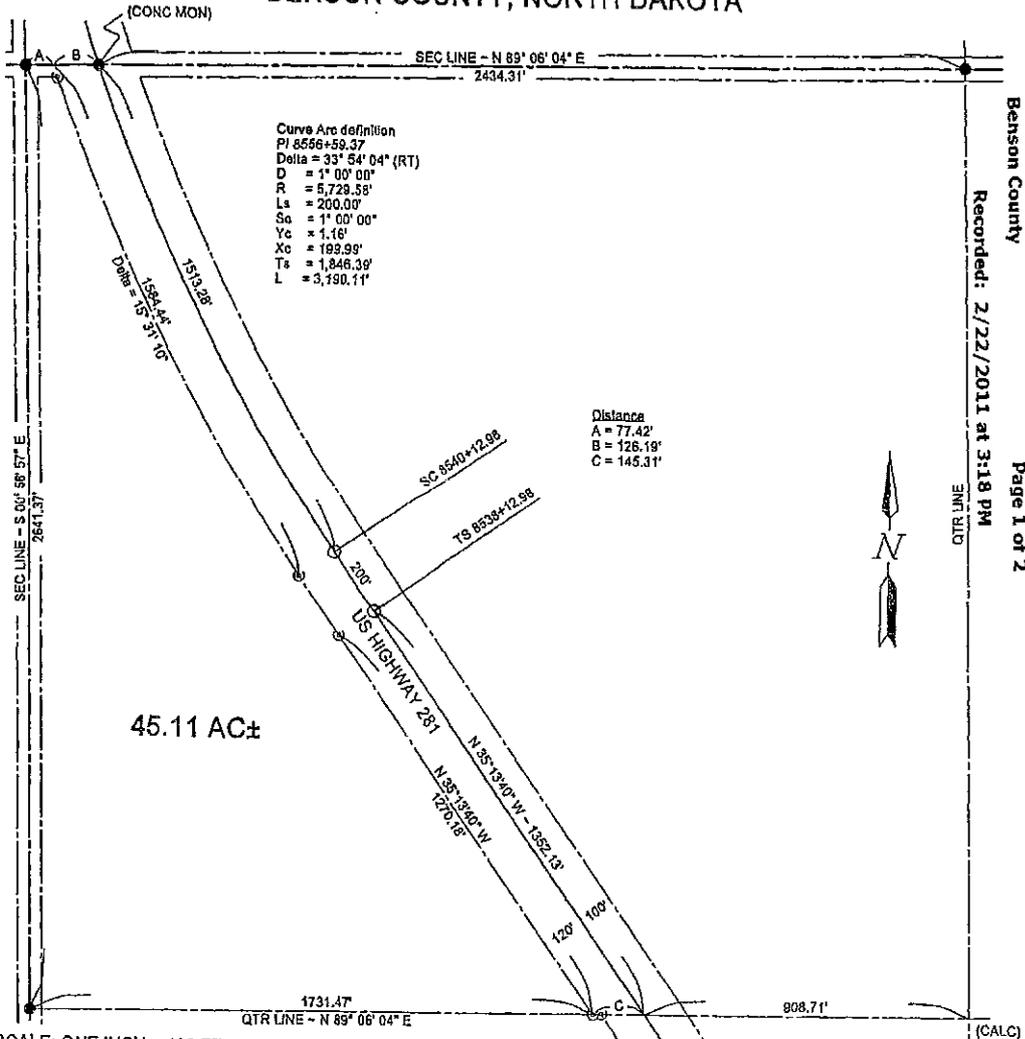
48°05'23.08" N 99°16'55.90" W elev: 1480 ft

© 2010 Google
Image USDA Farm Service Agency

©2010 Google™

RECORD OF SURVEY
NW 1/4 SECTION 9, TOWNSHIP 153 N., RANGE 67 W. OF 5th P.M.
BENSON COUNTY, NORTH DAKOTA

COPY



Benson County
 Recorded: 2/22/2011 at 3:18 PM
 200019
 Page 1 of 2

SCALE: ONE INCH = 400 FEET
BASIS OF BEARING: GRID (BENSON CO. GROUND)

DESCRIBED AS FOLLOWS:
 A tract of land situated in the Northwest Quarter (NW¼) of Section 9, Township 153 North, Range 67 West of the 5th Principal Meridian, Benson County, North Dakota lying southwesterly of the highway right of way of US Highway 281 and more particularly described as follows:

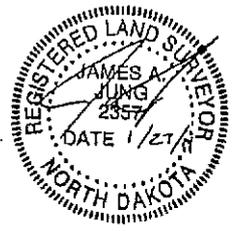
Beginning at the Northwest corner of said Northwest Quarter (NW¼); thence S00°56'57"E along the west line of said Northwest Quarter (NW¼) a distance of 2641.37 Feet to the Southwest corner of said Northwest Quarter (NW¼); thence N89°06'04"E along the south line of said Northwest Quarter (NW¼) a distance of 1731.47 feet to a point on the westerly right of way line of US Highway 281; thence N35°13'40"W along said right of way a distance of 1270.18 feet; thence northwesterly continuing along said highway right of way along a line 120 feet southwesterly of and parallel with the centerline of US Highway 281, which is a 200 foot spiral curve ahead concave to the right (northeasterly) having a central angle of 1°00'00" to the beginning of a simple curve having a radius of 5849.58 feet; thence continuing northwesterly along said highway right of way and simple curve 1584.44 feet through a central angle of 15° 31' 10" to a point on the north line of said Northwest Quarter (NW¼); thence S89°06'04"W along said line a distance of 77.42 feet to the Point of Beginning.

Said tract contains 45.11 acres more or less and is subject to any easements or right of way existing or of record.

SURVEYOR'S CERTIFICATION

I, James A. Jung, Registered Land Surveyor in the State of North Dakota do hereby certify that this information is true and correct to the best of my knowledge and belief.

James A. Jung
 James A. Jung, RLS
 License Number 2357
 January, 2011

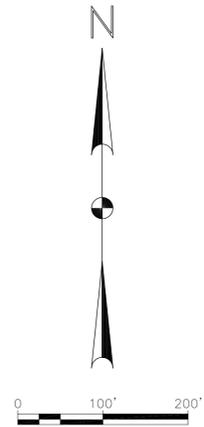
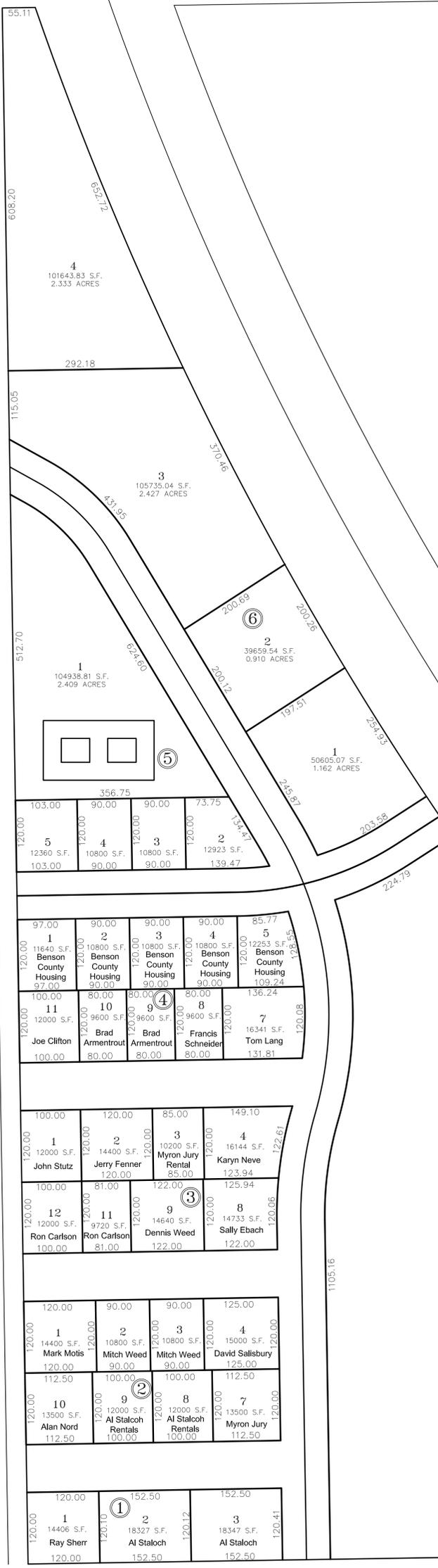


State of North Dakota
 County of Barnes

The foregoing instrument was acknowledged before me this 27th Day of January, 2011,
 by James A. Jung

Debra Leitner
 Notary Signature

DEBORA LEITNER
 Notary Public
 State of North Dakota
 My Commission Expires September 10, 2013



Rev'd. 00/00/0000		SHEET NO. 1	
CITY OF MINNEWAUKAN MINNEWAUKAN, NORTH DAKOTA			
Kadmas Lee & Jackson <small>Engineers Surveyors Planners</small>		PHASE 1 MINNEWAUKAN LOT LAYOUT	
		DRWN. BY JTA	CHK'D BY EG
		PROJECT NO. 50410116	DATE 04/11/2011
<small>J:\municipal\Minnewaukan\50410116\CAD\50410116_BASE02.dwg</small>			
<small>© Kadmas, Lee & Jackson 2011</small>			

SANITARY SEWER SYSTEM

The three projects are focused on the corresponding lift stations, but include work in the public right of ways. The locations below are for the existing lift stations. See project scoping maps for additional information.

Northeast Lift Station

Legal Description:

All that part of Lot One (1), Block One (1) of Hegge & Comstocks Addition to Minnewaukan, North Dakota, beginning 172 feet east of the southwest corner, thence east 177.5 feet or to a point on the north line of B Street and east line of D Avenue if extended to the south line of Lot Two (2) Government Lot One (1) of Section 15-153-67 and commencing at the above described point on the south line of Lot Two (2), Government Lot One (1) Section 15-153-67, thence northerly parallel with the west line of the Devils Lake Indian Reservation line, 243.3 feet, thence west 349.5 feet to a point 22 feet from the west line of Lot Two (2), Government Lot One (1), Section 15-153-67, thence south to a point 26 feet north of the northwest corner of Lot One (1), Block One (1) of Hegge Comstocks Addition to the City of Minnewaukan, North Dakota, thence east 150 feet, thence south 51 feet to the north line of said Lot One (1), Block One (1) of Hegge & Comstocks Addition to the City of Minnewaukan, thence southeasterly to the point of beginning, all located in Benson County, North Dakota.

Latitude: 48.073422° N

Longitude: 99.24878° W

Northwest Lift Station

Legal Description:

Block 40 of the Original Plat to the City of Minnewaukan, Benson County, North Dakota.

Latitude: 48.07250° N

Longitude: 99.25244° W

South Lift Station

Legal Description:

North half of Lots 25, 26, 27, and 28 in Block 85 of the Original Plat to the City of Minnewaukan, Benson County, North Dakota.

Latitude: 48.06374° N

Longitude: 99.24873° W

Scope of Work

Project Summary

The City of Minnewaukan is proposing to utilize Hazard Mitigation Grant Program (HMPG) funding to flood proof the sanitary sewer system. The City of Minnewaukan is located on the shores of Devils Lake and is vulnerable to the rising lake levels. The existing sewer infrastructure is vulnerable at an elevation of 1456 and higher. The lake is project to reach an elevation of 1454 to 1455 during the summer of 2011. Flood proofing of the sanitary sewer system will include raising lift stations, relocating lift stations, relocating sanitary sewer mains, and installing valves to allow for the closure of portions of the sewer system. The City of Minnewaukan sewer system is divided into three sewer service areas flowing to individual sewage lift stations. This project will be divided into sub projects corresponding to each sewer service area.

Northeast Sewer System

The northeast sewer system serves the northeastern 1/3 of the community which consists of approximately 47 residential structures and 15 commercial structures. This sewer system flows to the primary lift station located near the intersection of C Avenue and B Street. The primary lift station takes flows from the entire community. The project will consist of the following aspects:

- Relocate the northeast lift station from the existing location to higher ground near the intersection of B Avenue and B Street.
- Install a new 6-inch force main to connect the new lift station to the existing 6-inch force main, just north of the existing lift station.
- Seal the covers on all manholes below the elevation of 1458. Manhole covers and frames will be replaced with 'bolt down' covers which will prevent ice from removing the manhole covers during prolonged submergence. Chimney seals for the manhole will also be replaced.
- Install new 8-inch sanitary sewer main, manholes and services to reroute sewer service for areas that will be inundated as the lake rises (1455+). This will maintain sewer service to homes with elevations above 1460 located along C Avenue, West Avenue, and C Street.
- Install 8-inch gate valves on the sewer mains to allow for closure of sections of the sewer system as the lake rises. These gate valves will be of a quality similar to valves used for water mains.

Northwest Sewer System

The northwest sewer system serves the northwestern 1/3 of the community which consists of approximately 16 residential structures. This sewer system flows to a lift station located near the intersection of West Avenue and B Street. The force main for the northwest lift station pumps the sewage to the gravity system located in East Avenue (into the northeast system) The project will consist of the following aspects:

- Raise the northwest lift station from the existing structure elevation of 1458 to the proposed elevation of 1463.
- Place fill around the lift station and fill B Street to provide access above 1463. The fill will consist of clay soils free of granular material. The fill shall come from the land located to the north and

west of the lift station if it is not inundated at the time of construction. If inundation has taken place, the fill shall be taken from approved borrow sites or from the new town site.

- Seal the covers on all manholes below the elevation of 1458. Manhole covers and frames will be replaced with 'bolt down' covers which will prevent ice from removing the manhole covers during prolonged submergence. Chimney seals for the manhole will also be replaced.
- Install 8-inch gate valves on the sewer mains to allow for closure of sections of the sewer system as the lake rises. These gate valves will be of a quality similar to valves used for water mains.

South Sewer System

The south sewer system serves the southern 1/3 of the community which consists of approximately 28 residential structures and 4 commercial structures. This sewer system flows to a lift station located near the intersection of B Avenue and 6th Street. This lift station pumps sewage north to the gravity system in 2nd Street (into the northeast system). The project will consist of the following aspects:

- Relocate the south lift station from the existing location to higher ground near the intersection of B Avenue and 4th Street.
- Install new 6-inch force main to connect the new lift station to the existing 6-inch force main located in B Avenue.
- Seal the covers on all manholes below the elevation of 1458. Manhole covers and frames will be replaced with 'bolt down' covers which will prevent ice from removing the manhole covers during prolonged submergence. Chimney seals for the manhole will also be replaced.
- Install new 8-inch sanitary sewer main to connect to the existing sewer main in the intersection of B Avenue and 4th Street to the proposed lift station.
- Install 8-inch gate valves on the sewer mains to allow for closure of sections of the sewer system as the lake rises. These gate valves will be of a quality similar to valves used for water mains.

Minnewaukan inundation levels

- Elevation 1451.6' — current lake level
- Elevation 1454.3' — forecast 90 percent probability
- Elevation 1456.3' — forecast 10 percent probability
- Elevation 1456.3' — overflow of Toira Coulee



Source: Ketchum, Lee and Jordan Engineers, Surveyors, Planners

MINNEWAUKAN ACQUISITIONS

For the past decade, Minnewaukan has been fighting the ongoing flooding of Devils Lake. Due to the continued rise in lake elevation, the city of Minnewaukan is facing an imminent flooding risk for properties located within city limits. The city of Minnewaukan will acquire 69 properties identified in this tab in an effort to remove residents from harm's way. This acquisition will be funded through an eligible Hazard Mitigation Grant Program (HMGP). If approved for this grant application, the city will proceed.

The structures will be removed and the properties will be restored to its original state of open land with appropriate deed restrictions in place.

The properties are broken down by elevation: 1). elevations under 1456; 2). Elevations between 1456 and 1458; 3). Elevations between 1458 and 1460; and, 4). Elevations over 1460. The categorization method was derived from USACE property listings per the city council's direction.

Minnewaukan Property Acquisitions

Under 1456

Name	Address	Yr Built	SQ Ft	Legal Description
Shane Monda	410 Main St	1890	928	Lots 10, 11 & 12 BLK 5 Hegge Comstock ADD Minnewaukan City
Lana Johnson	520 B Ave	1955	1,496	Lots 1,2,3,4,5 7 6 (Less RW) BLK 84 Original Minnewaukan City , Lots 24, 25, 26,& 27 BLK 84 Original Minnewaukan City, Lots 32, 33, 34 & Lots 30 & 31 (Less S 86') BLK 84 Original Minnewaukan City
Spirit Water Inn	421 Main St	1950	1,287	Lots 17, 18, 19 & 20 BLK 6 Hegge Comstock ADD Minnewaukan City (Dads)

Under 1458

Al Staloch	430 East Ave N	1900	960	Lots 1,2 & 3 & N 12.5' of Lot 4 BLK 27 Original Minnewaukan City
Al Staloch	420 East Ave N	1900	626	Lots 5, 6 & 7 & S 12.5' of Lot 4 & N1/2 of Lot 8 BLK 27 Original Minnewaukan City
Dorothy Hovden	320 Main St	1957	1,001	Lots 4, 5 & 6 BLK 3 Hegge Comstock ADD Minnewaukan City
George Schmid	321 2nd St	1915	1,808	Lots 19, 20, 21 & W 1/2 of Lot 22 BLK 3 Hegge Comstock ADD Minnewaukan City
Scott Tills	441 B Ave	1920	960	N2 of Lots 18, 19, 20, 21, 22 & Vacated Alley BLK 72 Original Minnewaukan City
Jerome Dahlen	451 B Ave	1920	1,085	S2 of Lots 18, 19, 20, 21 & 22 BLK 72 Original Minnewaukan City
Chris Koth	211 C St	1910	1,032	Lots 13 & 14 BLK 29 Original Minnewaukan City
Ryan & Kristie Genre	131 6th St	1910	1,512	Lots 15, 16 & 17 BLK 83 Original Minnewaukan City

Under 1460

Bonnie Aabrekke	140 5th St	1969	1,008	Lots 30, 31 & 32 & W 1/2 of Lot 29 BLK 83 Original Minnewaukan City
Danny Foss	231 3rd St	1951	720	Lot 11 & 12 & S 20' of Lot 10 BLK 57 Original Minnewaukan City
David Seidl	130 4th St	1900	601	Lots 26, 27, 28 & 29 BLK 72 Original Minnewaukan City
Deanna Hanson	320 B Ave	1957	1,120	N2 of Lots 16, 17, 18, 19, 20 & 21 BLK 70 Original Minnewaukan City
Eugene Laverdure	110 C St	1969	1,336	Lots 30, 31 & 32 BLK 41 Original Minnewaukan City
Gary Jordan	121 3rd St W	1900	1,034	Lots 13, 14, 15 & 16 BLK 59 Original Minnewaukan City
Jean Tofsrud	111 D St E	1966	1,176	Lots 13, 14, 15 & 16 BLK 27 Original Minnewaukan City, Lots 17 & 18 BLK 27 Original Minnewaukan City, Lots 19 & 20 BLK 27 Original Minnewaukan City
John Stutz	120 C St	1925	1,338	Lots 28 & 29 BLK 41 Original Minnewaukan City
Joseph Schraven	315 West Ave N	1900	1,428	Lots 1, 2 & 3 BLK 26 Original Minnewaukan City
Milson Ball	330 E. Ave	1900	2,148	LOTS 5, 6, 7, 8 & 9 BLK 30 ORIGINAL MINNEWAUKAN CITY, LOTS 13 & 14 BLK 30 ORIGINAL MINNEWAUKAN CITY
Robert Helland	231 B St	1999	1,568	Lots 7, 8, 9, 10, 11 & 12 & S 20' of Lot 6 BLK 42 Original Minnewaukan City
Ronald Djoseland	310 B Ave N	1966	864	Lots 15 & 16 BLK 29 Original Minnewaukan City
Russell Foss	121 5th St	1980	1,120	Lots 9, 10, 11, 12, 13 & Vacated Alley (20x162.5') BLK 72 Original Minnewaukan City
Spirit Water Inn	310 B St E	1920	1,587	Lots 8, 9, 10, 11, 12 & 13 BLK 2 Hegge Comstock ADD Minnewaukan City (Office)
Spirit Water Inn	220 C Ave	1900	1,167	S2 of Lots 8, 9, 10 & 11 BLK 4 Hegge Comstock ADD Minnewaukan City
Steve Huffman	111 C St	1980	1,164	Lots 10, 11 & 12 BLK 30 Original Minnewaukan City
Tyler Hesar	141 C St	1941	1,463	Lots 15, 16, 17, 18, 19 & 20 BLK 30 Original Minnewaukan City
Tyron Garro	411 B Ave	1955	912	Lots 23, 24 & 25 BLK 72 Original Minnewaukan City
Gerald Fenner	130 C St	1910	1,581	Lots 25, 26 & 27 BLK 41 Original Minnewaukan City

Over 1460

Aaron McQuoid	150 2nd St	1931	2,112	Lots 23, 24 & 25 BLK 58 Original Minnewaukan City
Aaron McQuoid	140 2nd St	1996	1,656	Lots 26, 27, 28 & 29 BLK 58 Original Minnewaukan City
Aaron McQuoid	120 2nd St E	1910	1197	Lots 30, 31 & 32 BLK 58 Original Minnewaukan City
Anton Buckhartsmeier	150 B St	1976	1,008	Lots 26, 27 & 28 BLK 44 Original Minnewaukan City
Joseph Bond	121 3rd St	1900	1,689	Lots 13, 14 & 15 BLK 58 Original Minnewaukan City
Carol Worthey	230 B St	1900	1,541	Lots 21, 22, 23 & 24 BLK 43 Original Minnewaukan City
Connie Ambers	131 West Ave S	1971	1,222	Lots 7, 8, 9, 10, 11 & 12 BLK 54 Original Minnewaukan City
Curtis Yri	230 East Ave N	1975	1,232	Lots 4, 5, 6 & 60'x10' In SW Cor of Lot 3 BLK 41 Original Minnewaukan City
Dennis Parvey	221 3rd St	1900	1,604	Lots 13, 14, 15 & 16 & E 1/2 of Lot 17 BLK 57 Original Minnewaukan City
Don Thompson	111 4th St W	1981	1,064	Lots 8, 9, 10, 11 & 12 BLK 68 Original Minnewaukan City
Dwight O'Connell	111 B St	1972	1,680	Lots 7, 8, 9, 10, 11 & 12 BLK 41 Original Minnewaukan City
Ed Jr Schmid	310 B Ave	1966	1,400	Lots 22, 23 & 24 BLK 70 Original Minnewaukan City
Eric Arness	210 B Ave	1900	1,475	Lots 21, 22, 23 & 24 BLK 57 Original Minnewaukan City
George Helland	211 Main St	1900	1,064	S 100' of Lots 17 & 18 BLK 43 Original Minnewaukan City
George Howard	131 2nd St	1930	534	Lots 13, 14, 15 & 16 BLK 55 Original Minnewaukan City
Grant Baker	151 C Ave	1984	896	Lots 10, 11 & 12 BLK 56 Original Minnewaukan City
James Goulet	110 Main St W	1900	904	Lots 29, 30, 31 & 32 BLK 54 Original Minnewaukan City
James Slow	120 3rd St West	1900	858	Lots 31 & 32 BLK 68 Original Minnewaukan City
Kristina Thompson	121 West Ave S	1910	1,347	Lots 4, 5 & 6 BLK 54 Original Minnewaukan City
Laura Every	131 3rd St	1901	2,236	Lots 16, 17, 18 & 19 BLK 58 Original Minnewaukan City
Linda Somerville	311 Main St	1920	1,080	Lot 15, 16 & 17 BLK 2 Hegge Comstock ADD Minnewaukan City
Mary Ruetten	231 Main St	1900	1,446	W 50' of Lots 7, 8, 9, 10, 11 & 12, All of Lot 13 & ADJ Vacted Alley, & E 5' of Lot 14 BLK 43 Original Minnewaukan City

Mike Callahan	161 West Ave S	1912	3,080	Lots 8, 9, 10, 11 & 12 BLK 59 Original Minnewaukan City
Milt Schmid	111 C Ave	1971	1,008	Lots 4, 5 & 6 & N 1/2 of Lot 7 (Less W 50' of Lot 7) BLK 43 Original Minnewaukan City
Nichole Beecroft	215 East Ave N	2003	2,240	Lots 8, 9 & 10 BLK A Railroad ADD Minnewaukan City
Paul Streifel	111 West Ave S	1900	1,271	Lots 1, 2 & 3 BLK 54 Original Minnewaukan City
Eulale Keesler	230 2nd St	1902	3,028	Lots 25, 26, 27 & 28 BLK 57 Original Minnewaukan City
Riley & Sheena Weed	131 B St	1900	1,800	Lots 13 & 14 & W 1/2 of Lot 15 BLK 41 Original Minnewaukan City, Lots 16 & 17 & E 1/2 of Lot 15 BLK 41 Original Minnewaukan City
Robert Axtman	211 3rd St	1900	2,006	Lots 18, 19 & 20 & W 1/2 of Lot 17 BLK 57 Original Minnewaukan City
Robert Yri	220 4th St	1958	1,734	Lots 26, 27, 28 & 29 BLK 71 Original Minnewaukan City
Roger Odden	220 East Ave S	1900	1,253	Lots 3, 4, 5, 6 & S1/2 of Lot 2 BLK 58 Original Minnewaukan City, Lots 1 & N 1/2 of Lot 2 BLK 58 Original Minnewaukan City
Sarah Jacobson	151 3rd St	1880	1,509	Lots 20, 21 & 22 BLK 58 Original Minnewaukan City
Shane Monda	310 Main St	1900	2,170	Lots 7, 8, 9, 10, 11 & 12 BLK 3 Hegge Comstock ADD Minnewaukan City
Shirley Donovan	125 West Ave	1971	924	Lots 1, 2, 3, 4 & 5 BLK 68 Original Minnewaukan City, Lot 6 BLK 68 Original Minnewaukan City
Spirit Water Inn	240 Main St	1897	2,634	Lots 1, 2, 3 & 4 BLK 56 Original Minnewaukan City (Carriage House)
Timothy Lommen	110 4th Street W	1975	1,716	Lots 1, 2, 3, 4, 5 & N 1/2 of Lot 6 BLK 73 Original Minnewaukan City
Touria Campell	101 B Ave	1970	3,600	Lots 21, 22 & 20 (Less 7.89 x 37.61 x 6.69 x 37.32 -271 Sq Ft) BLK 55 Original Minnewaukan City (INCL 4-Plex & East 4 Garages)
Wayne Schuman	231 2nd St	1900	1,457	Lots 13, 14 & 15 BLK 56 Original Minnewaukan City

Acquisition Properties

Under 1456



410 Main St East



421 Main St



520 B Ave South

Under 1458



131 6th Street



211 C Street



320 Main Street



321 2nd Street



420 East Ave North



430 East Ave North



441 B Ave South



451 B Ave South

Under 1460



110 C Street East



111 C Street East



111 D Street



120 C Street



121 3rd Street



121 5th Street



130 4th Street



130 C Street



140 5th Street



141 C Street



220 C Ave



231 3rd Street East



231 B Street



241 B Ave North



310 B Ave North



310 B Street East



315 West Ave North



320 B Ave South



330 East Ave North



411 B Ave South

Over 1460



101 B Ave



110 4th Street West



110 Main Street West



111 4th Street West



111 B Street East



111 C Ave North



111 West Ave



120 2nd Street East



120 3rd Street West



121 3rd Street



121 West Ave South



125 West Ave



131 2nd Street



131 3rd Street East



131 B Street East



131 West Ave South



140 2nd Street East



150 2nd Street East



150 B Street East



151 3rd Street East



151 C Ave South



161 West Ave South



210 B Ave South



211 3rd Street East



211 Main Street East



215 East Ave North



220 East 4th Street



220 East Ave South



221 3rd Street



230 2nd Street



230 B Street



230 East Ave North



231 2nd Street



231 Main Street East



240 Main Street



310 B Ave South



310 Main Street East



311 Main Street East

MINNEWAUKAN RELOCATIONS

For the past decade, Minnewaukan has been fighting the ongoing flooding of Devils Lake. Due to the continued rise in lake elevation, the city of Minnewaukan is facing an imminent flooding risk for properties located within city limits.

A total of 23 structures will be relocated. The City of Minnewaukan will relocate 19 properties identified in this tab in an effort to remove residents from harm's way. The Minnewaukan School District will relocate 3 properties used for teacher housing. The Benson County Commission will relocate the Benson County Social Service Building.

Each of these structures will be relocated to the new town site. This relocation will be funded through an eligible Hazard Mitigation Grant Program (HMGP) application. If approved for this grant application, the city will proceed.

The structures will be relocated from the original town site and positioned on respective lots in the new sub-division. All existing lots acquired through the relocation process will be restored to its original state of open land with appropriate deed restrictions in place.

Old Minnewaukan Property

New Minnewaukan Property

	Property Address	Legal Description		Property Address	Legal Description
Scherr, Ray	450 B Ave Minnewaukan, ND 58351	Lots 18 & 19 & S1/2 of Lots 20, 21 & 22 BLK 71 Original Minnewaukan City, N 70' of Lots 20, 21 & 22 BLK 71 Original Minnewaukan City		6200 Bass Lane New Minnewaukan	Lot 1 BLK 1 To Be Known As Streifel Addition
Jury, Myron	121 6th St Minnewaukan, ND 58351	Lots 8, 9, 10, 11 & 12 BLK 83 Original Minnewaukan City		6206 Perch Lane New Minnewaukan	Lot 3 BLK 3 To Be Known As Streifel Addition
Ebach, Robert	231 4th St Minnewaukan, ND 58351	Lots 7, 8 & 9 BLK 70 Original Minnewaukan City, Lots 10, 11 & 12 BLK 70 Original Minnewaukan City		6209 Northern Lane New Minnewaukan	Lot 5 BLK 3 To Be Known As Streifel Addition
Salisbury, David	110 6th St Minnewaukan, ND 58351	Lots 28, 29, 30, 31 & 32 BLK 86 Original Minnewaukan City		6208 Northern Lane New Minnewaukan	Lot 4 BLK 2 To Be Known As Streifel Addition
Motis, Mark	701 B Ave Minnewaukan, ND 58351	15-153-67 177' x 150' IN SW4SE4(Less.23A For STR) (BK60 pg165) 25' x 150' W of Main Lot (BK75 PG269) OutLots Minnewaukan City		6200 Northern Lane New Minnewaukan	Lot 1 BLK 2 To Be Known As Streifel Addition
Staloch, Al	421 East Ave N Minnewaukan, ND 58351	Lots 22, 23, 24, 25, 26, 27 & 28 Block A Railroad ADD Minnewaukan City		6204 Bass Lane New Minnewaukan	Lots 2 & 3 BLK 1 To Be Known As Streifel Addition
Stutz, John	410 East Ave N Minnewaukan, ND 58351	Lots 9, 10, 11 & 12 & S 1/2 of Lot 8 BLK 27 Original Minnewaukan City		6200 Perch Lane New Minnewaukan	Lot 1 BLK 3 To Be Known As Streifel Addition
Jury, Myron	311 2nd St Minnewaukan, ND 58351	Lots 13, 14, 15, 16, 17 & 18 BLK 3 Hegge Comstock ADD Minnewaukan City		6209 Bass Lane New Minnewaukan	Lot 5 BLK 2 To Be Known As Streifel Addition
Weed, Dennis	221 4th St Minnewaukan, ND 58351	Lots 13, 14 & 15 BLK 70 Original Minnewaukan City		6207 Northern Lane New Minnewaukan	Lot 6 BLK 3 To Be Known As Streifel Addition

Armentrout, Brad	220 B Ave Minnewaukan, ND 58351	Lots 13, 14, 15 ,16 & 17 BLK 42 Original Minnewaukan City		6203 Perch Lane New Minnewaukan	Lots 8 & 9 BLK 4 To Be Known As Streifel Addition
Brown, Gary	221 B Ave Minnewaukan, ND 58351	Lots 21 & 22 & E 1/2 of Lot 20 BLK 41 Original Minnewaukan City		Devils Lake	NW1/4NW1/4 Section 16, Township 153 North, Range 64 West of the 5th PM, Beginning at the NE corner of Lot 4 First Addition of Quiet Acres Subdivision
Schneider, Francis	151 B St Minnewaukan, ND 58351	Lots 18 & 19 & W 1/2 of Lot 20 BLK 41 Original Minnewaukan City		6207 Perch Lane New Minnewaukan	Lot 7 BLK 4 To Be Known As Streifel Addition
Weed, Mitch	140 B St Minnewaukan, ND 58351	Lots 29, 30 & 31 BLK 44 Original Minnewaukan City		6202 Northern Lane New Minnewaukan	Lots 2 & 3 BLK 2 To Be Known As Streifel Addition
Lang, Tom	111 3rd St Minnewaukan, ND 58351	Lots 7, 8, 9, 10, 11 & 12 BLK 58 Original Minnewaukan City		6209 Perch Lane New Minnewaukan	Lot 6 BLK 4 To Be Known As Streifel Addition
Neve, Karyn	241 Main St Minnewaukan, ND 58351	Lot 8, 9, 10, 11 & 12 (Less W 50') & S 1/2 Lot 7 (Less W 50') BLK 43 Original Minnewaukan City		6208 Perch Lane New Minnewaukan	Lot 4 BLK 3 To Be Known As Streifel Addition
Nord, Allan	221 Main St Minnewaukan, ND 58351	Lot 14 (Less E 5') & Lots 15 & 16 BLK 43 Original Minnewaukan City		6201 Bass Lane New Minnewaukan	Lot 8 BLK 2 To Be Known As Streifel Addition
Fenner, Gerald	141 C Ave Minnewaukan, ND 58351	Lots 7, 8 & 9 BLK 56 Original Minnewaukan City		6202 Perch Lane New Minnewaukan	Lot 2 BLK 3 To Be Known As Streifel Additon
Carlson, Ron	330 B Ave S Minnewaukan, ND 58351	S 1/2 of Lots 16, 17, 18, 19, 20 & 21 BLK 70 Original Minnewaukan City		6201 Northern Lane New Minnewaukan	Lots 7 & 8 BLK 3 To Be Known As Streifel Addition
Clifton, Phillip	220 3rd St Minnewaukan, ND 58351	Lots 25, 26 & 27 BLK 70 Original Minnewaukan City		6201 Perch Lane New Minnewaukan	Lot 10 BLK 4 To Be Known As Streifel Addition

Photos of Relocation properties



421 East Ave North



701 B Ave South



110 6th Street



330 B Ave South



450 B Ave South



311 2nd Street



121 6th Street



410 East Ave North



231 4th Street East



221 4th Street East



221 main Street East



221 B Ave North



220 B Ave North



151 B Street East



140 B Street East



111 3rd Street East



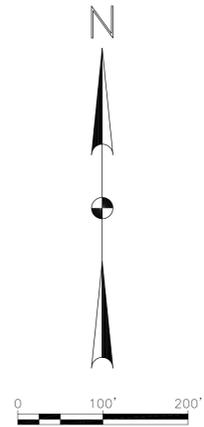
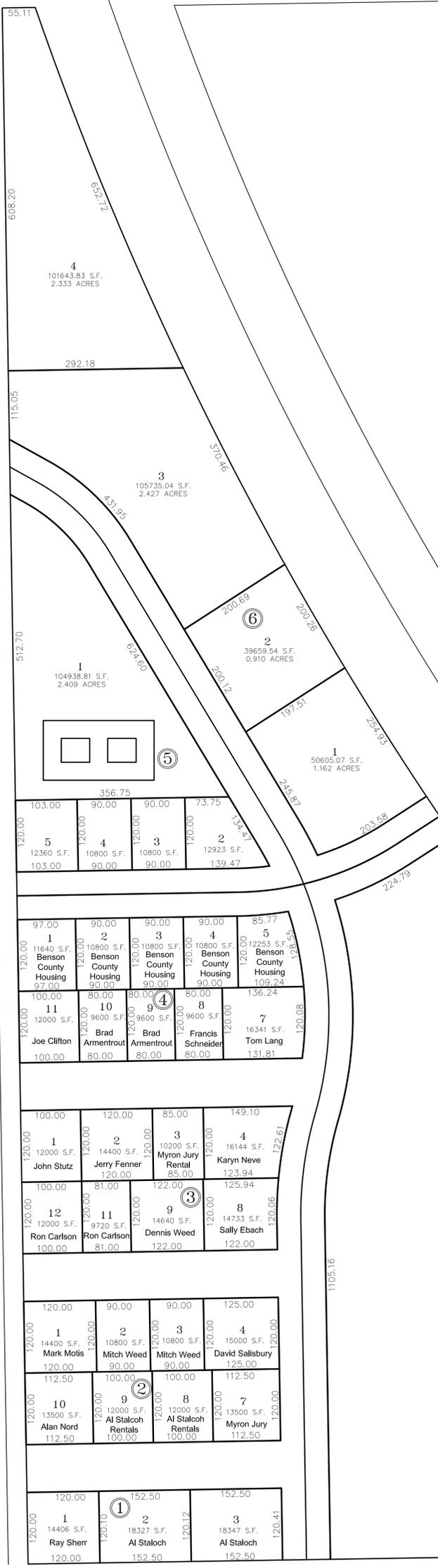
141 C Ave



241 Main Street East



220 East 3rd Street



Rev'd. 00/00/0000		SHEET NO. 1	
CITY OF MINNEWAUKAN MINNEWAUKAN, NORTH DAKOTA			
Kadmas Lee & Jackson <small>Engineers Surveyors Planners</small>		PHASE 1 MINNEWAUKAN LOT LAYOUT	
		DRWN. BY JTA	CHK'D BY EG
		PROJECT NO. 50410116	DATE 04/11/2011
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<small>© Kadmas, Lee & Jackson 2011</small>			

Minnewaukan Public School Teacher Housing

Old Minnewaukan

Property Legal Description
Address

Teacher Housing 1	211 C Ave West Minnewaukan, ND 58351	LOTS 1, 2 & 3 BLK 57 ORIGINAL MINNEWAUKAN CITY
Teacher Housing 2	141 West Ave South Minnewaukan, ND 58351	LOTS 1, 2, 3 & VACATED PORTION OF 2ND ST (66 X 140') BLK 59 ORIGINAL MINNEWAUKAN CITY
Teacher Housing 3	230 3rd St Minnewaukan, ND 58351	LOTS 28, 29 & 30 BLK 70 ORIGINAL MINNEWAUKAN CITY

New Minnewaukan

Property Legal
Address Description

4662 Anchor Ave New Minnewaukan	Lot 2 BLK 7 To Be Known As Streifel Addition
4668 Anchor Ave New Minnewaukan	Lot 4 BLK 7 To Be Known As Streifel Addition
4666 Anchor Ave New Minnewaukan	Lot 3 BLK 7 To Be Known As Streifel Addition

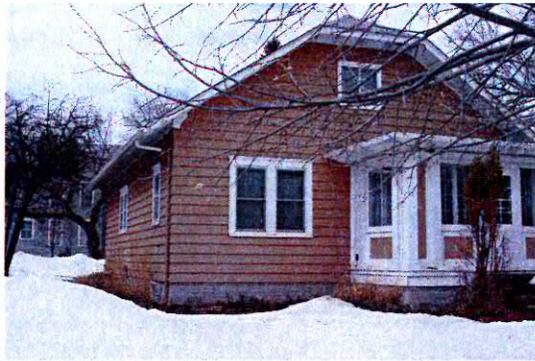
Building Photographs

Building Street Address:
211 C Ave South

City: Minnewaukan
State: North Dakota
Zip: 58351



Front View



Front View



Back View



Back View

April 7, 2011

Building Photographs

Building Street Address:

141 West Ave South

City: Minnewaukan

State: North Dakota

Zip: 58351



Front View



Front View



Back View



Back View

April 7, 2011

Building Photographs

Building Street Address:

230 3rd Street East

City: Minnewaukan

State: North Dakota

Zip: 58351



Front View



Front View

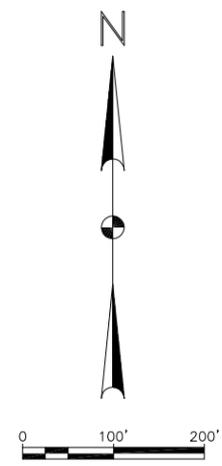
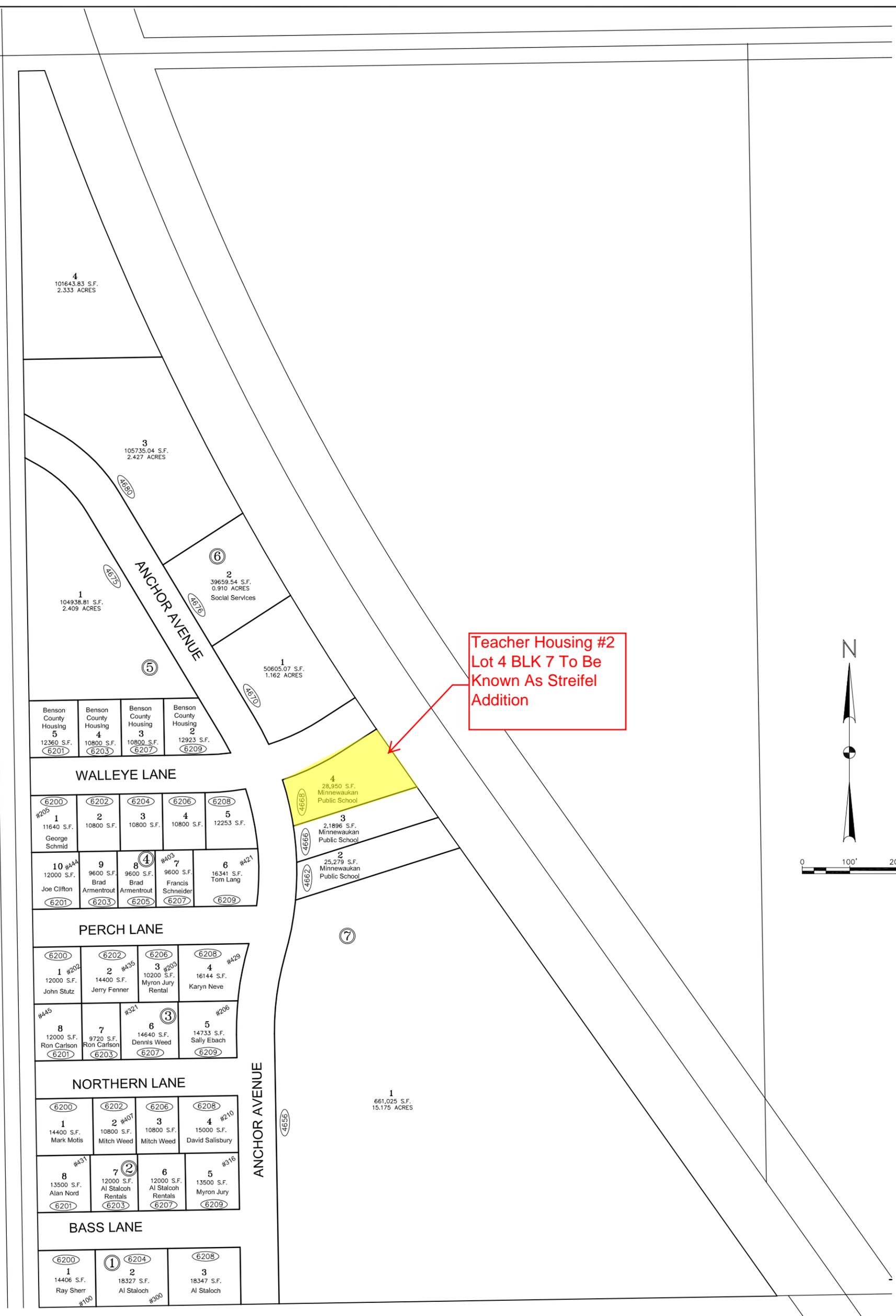


Back View



Back View

April 7, 2011



Rev'd. 00/00/0000		SHEET NO. 1	
CITY OF MINNEWAUKAN MINNEWAUKAN, NORTH DAKOTA			
Kadmas Lee & Jackson		PHASE 1 MINNEWAUKAN LOT LAYOUT	
DRWN. BY JTA	CHK'D BY EG	PROJECT NO. 50410116	DATE 04/11/2011
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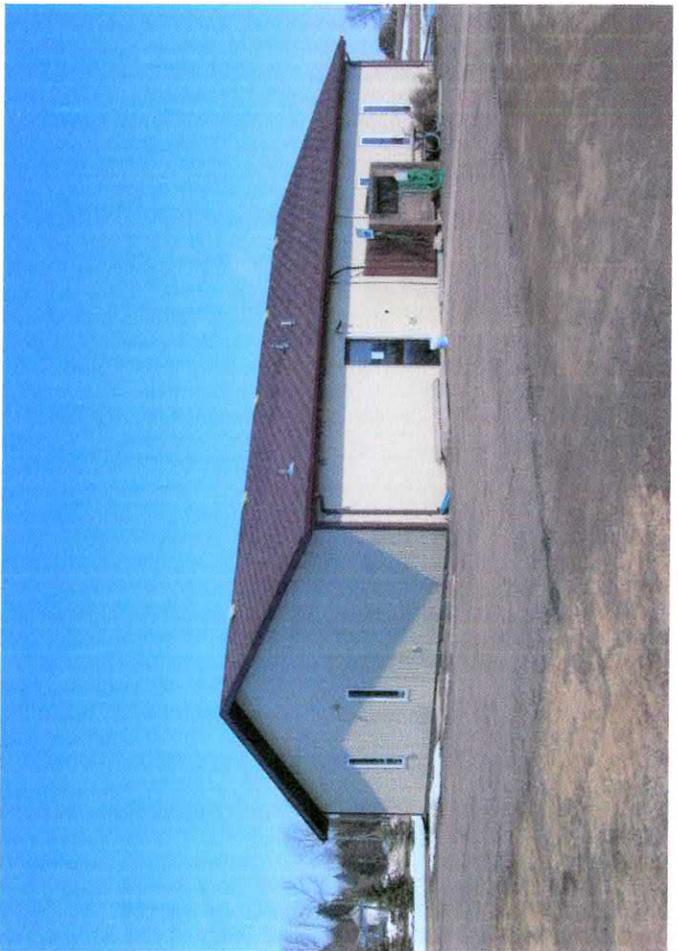
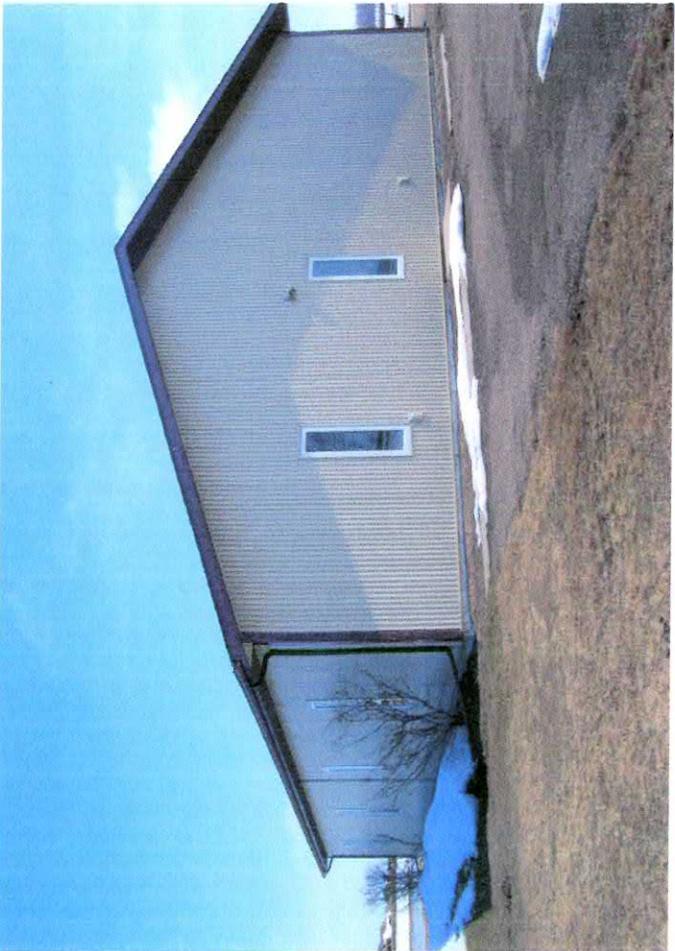
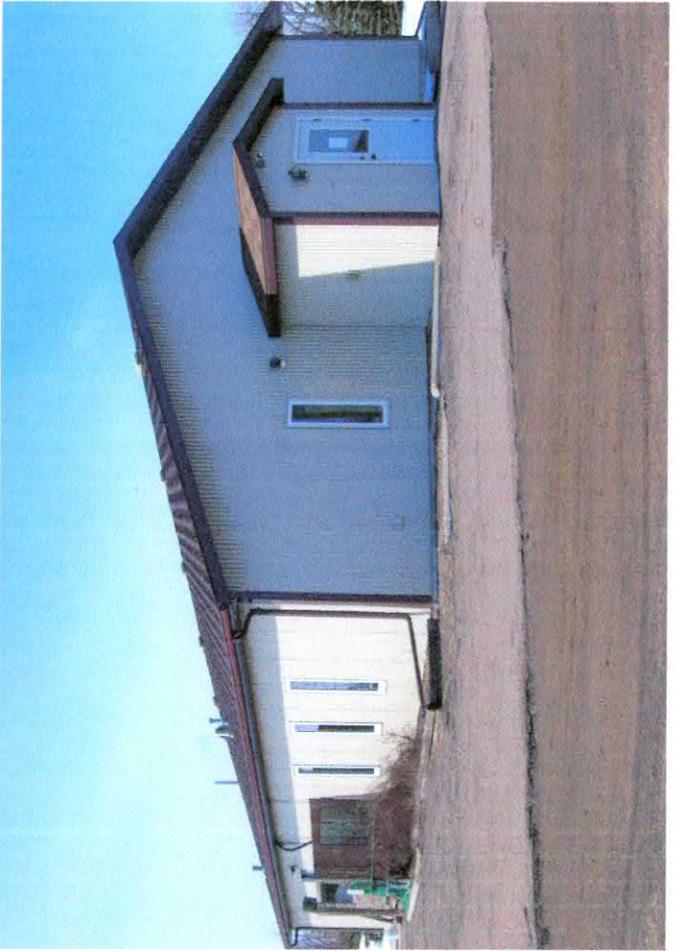
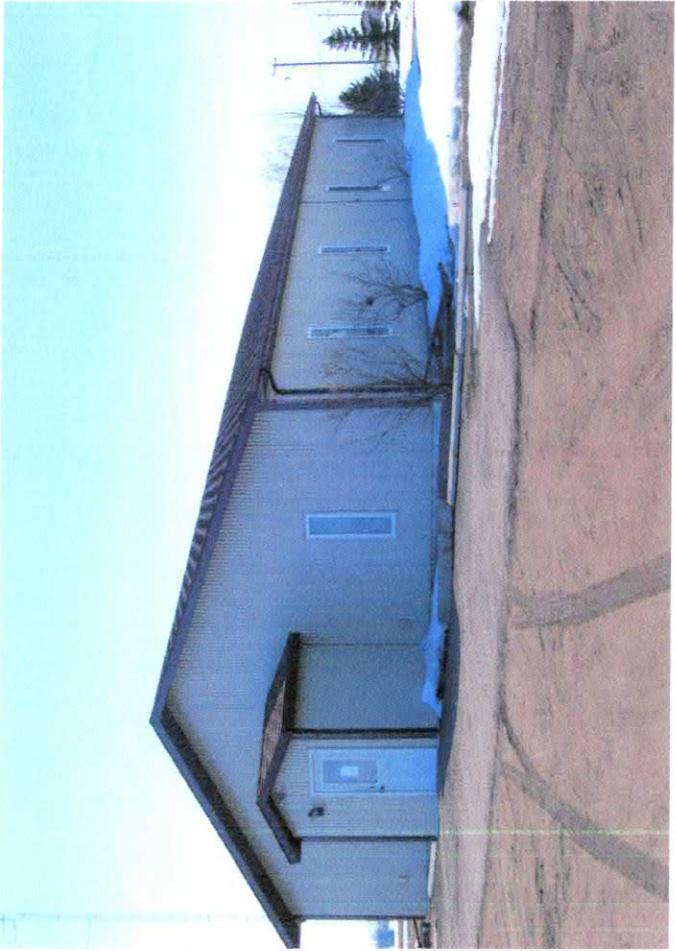
Benson County Social Services

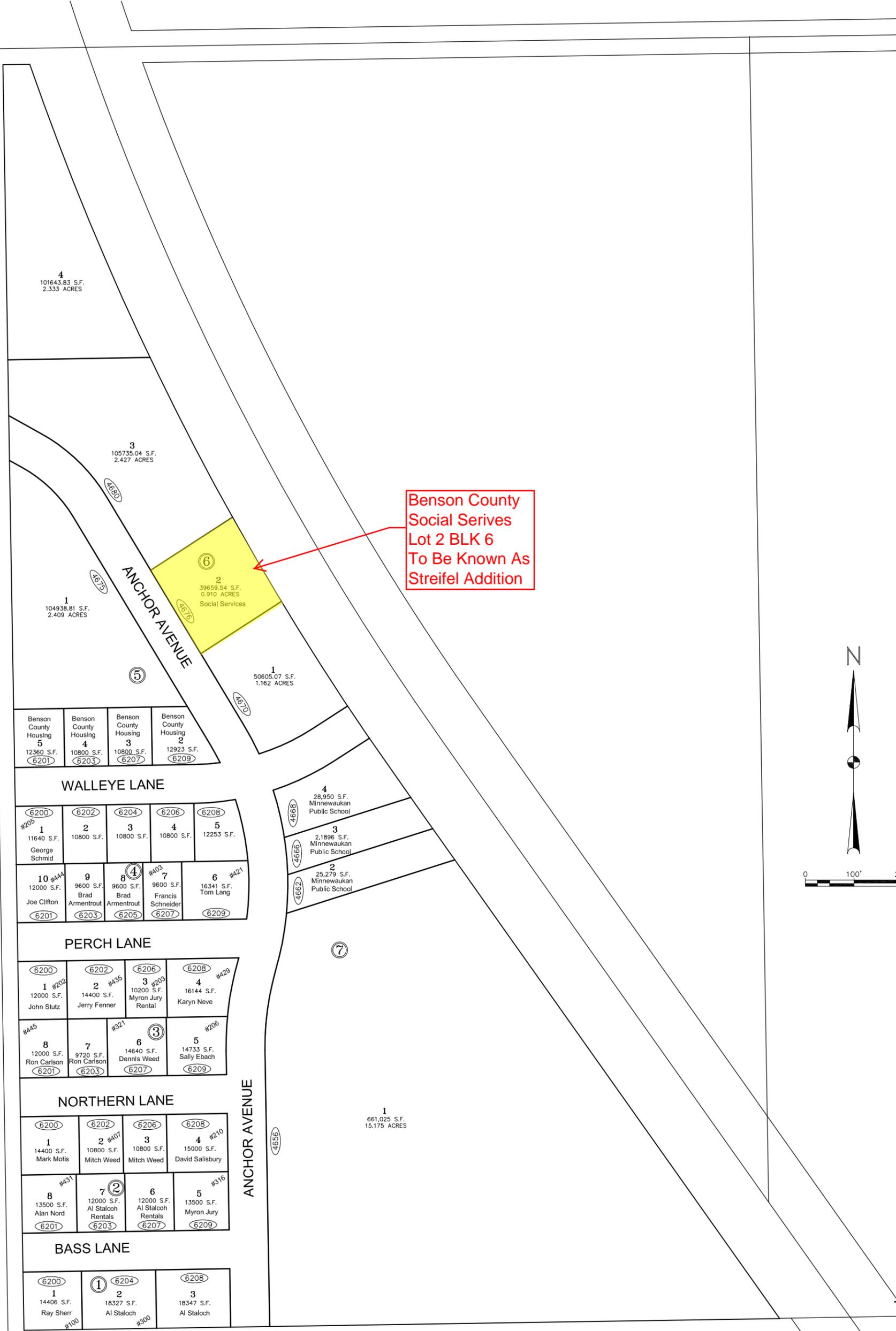
Old Minnewaukan

Property Address	Legal Description
210 7th St Minnewaukan, ND 58351	15-153-67 PART OF SE4 OF BLK 85 N OF HWY #19 W O F HWY #281 OUTLOTS MINNEWAUKAN CITY

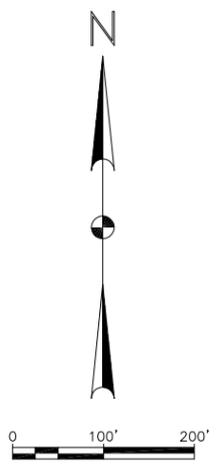
New Minnewaukan

Property Address	Legal Description
4676 Anchor Ave New Minnewaukan	Lot 2 BLK 6 To Be Known As Streifel Addition





Benson County
Social Services
Lot 2 BLK 6
To Be Known As
Streifel Addition



Rev'd. 00/00/0000		SHEET NO. 1	
CITY OF MINNEWAUKAN MINNEWAUKAN, NORTH DAKOTA			
Kadmas Lee & Jackson		PHASE 1 MINNEWAUKAN LOT LAYOUT	
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