

**AGENDA  
CITY COUNCIL  
WORK SESSION  
CITY OF EAST GRAND FORKS  
DECEMBER 13, 2011  
5:00 PM**

**CALL TO ORDER**

**CALL OF ROLL**

**DETERMINATION OF A QUORUM**

- 1. Swimming Pool Report – Greg Boppre**
- 2. 2011 Assessment Job No. 2/3 – Utilities & Street Construction – Industrial Park 2<sup>nd</sup> Addition – Greg Boppre**
- 3. 2012 TE Sidewalk Project – 10<sup>th</sup> Street NW – Greg Boppre**
- 4. TE Proposal and Use of Transit Funds – Nancy Ellis**
- 5. Transit Development Plan Presentation to Council – Teri Kouba**
- 6. Waste Water Rate Increase – Karla Anderson**
- 7. Outlet Gate at the Kennedy Bridge – John Wachter**
- 8. Winter Burial Increase – Dave Aker**
- 9. Mobile Data Computers for Squad Cars – Chief Hedlund**

**ADJOURN**

**Upcoming Meetings**

Regular Meeting – December 20, 2011 – 5:00 PM – Council Chambers  
Work Session – December 27, 2011 – 5:00 PM – Training Room  
Regular Meeting – January 3, 2011 – 5:00 PM – Council Chambers  
Work Session – January 10, 2011 – 5:00 PM – Training Room

# Request for Council Action

Date: November 16, 2011

To: East Grand Forks City Council, Mayor Lynn Stauss, President Craig Buckalew, Council Vice President Wayne Gregoire, Council Members: Marc Demers, Henry Tweten, Greg Leigh, Mike Pokrzywinski and Ron Vonasek.

Cc: File

From: Greg Boppre, P.E.

RE: Swimming Pool Report

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**Background:**

Attached please find a copy of the pool assessment performed by EAPC. The report identifies two dual tracks of improvements, the first is the required improvements as required by the Minnesota Department of Health and the second is the recommended upgrades to renovate or modernize the pool.

**Recommendation:**

Discuss report with City Council

**Enclosures:**

East Grand Forks Pool Assessment Report



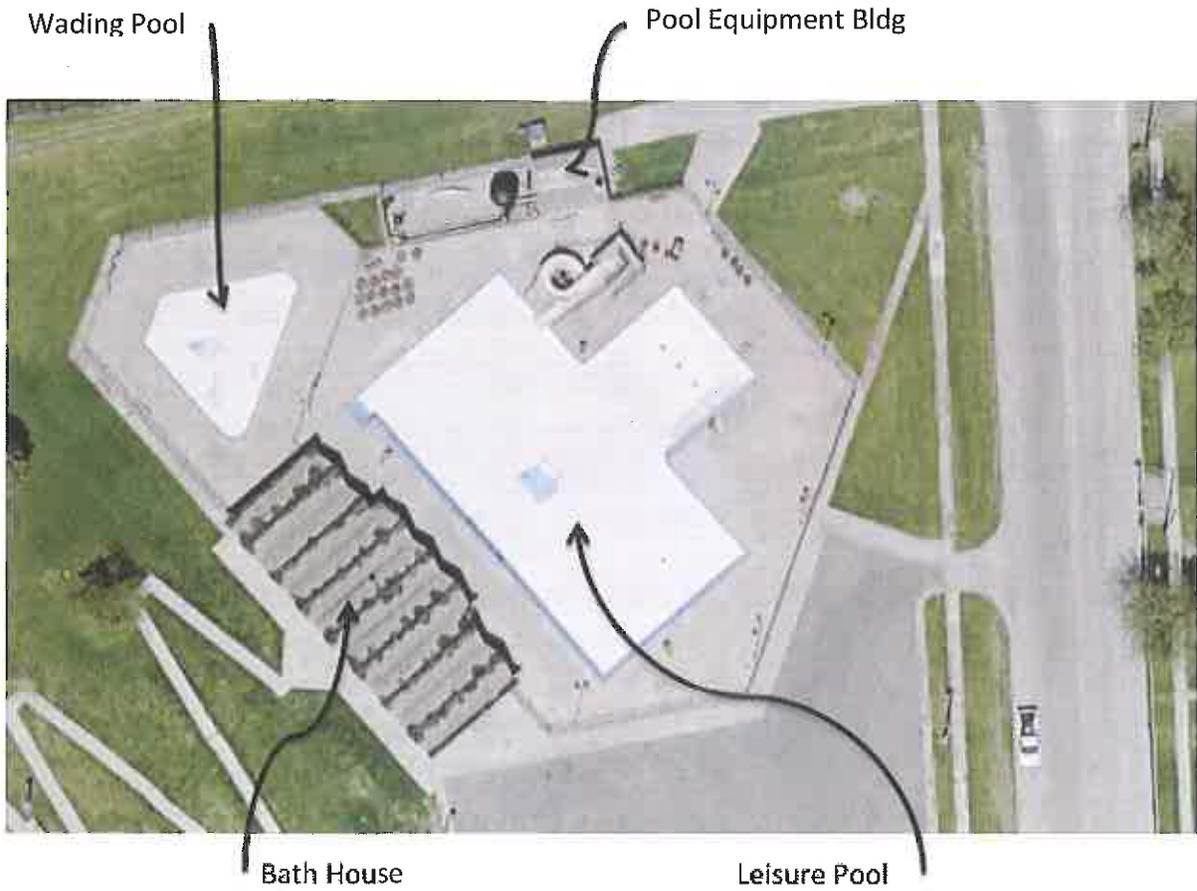
**EAPC**  
ARCHITECTS ENGINEERS

## East Grand Forks Pool Assessment



DATE	November 2011
NUMBER	20114140

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## INDEX

- Existing Pool Summery
- Existing Pool Conditions
- Opinion of Probable Costs and Breakdown
- Photos
- Minnesota Department of Health Inspection (9/20/11)
- Water Usage Summary

## Existing Pool Summary

The East Grand Forks Municipal Swimming Pool was constructed in 1962-1963, opening in June of 1963.

The swimming pool includes:

- A. Leisure pool - is 8,800 sq. ft. including a 1600 sq. ft., 12' 0" diving bay with 201 meter diving boards. The leisure pool depth varies from 3'-0" to 4'-6". Pool volume is 316,000 gallons.
- B. Wading pool - is 1,600 sq. ft. Its depth varies from 5" at perimeter to 12" at the center. Wading pool volume is 10,500 gallons.
- C. Pool deck - is 16,400 sq. ft. with a 4'-0" cyclone fence separating the wading pool from the leisure pool. A 7"-0" cyclone fence goes around the entire deck connecting up to the bath house.
- D. Bathhouse - is 3,300 sq. ft. providing boys locker rooms, girls locker rooms, reception area, staff area, and mechanical.
- E. Pool equipment building is 400 sq. ft. This structure provides the water pumping system and treatment for the pool. Adjacent to the pool equipment building is the 900 sq. ft. filter tank deck.
- F. Pool slide - was added in 2005. The slides deck height is 10' with an approximate 60' run landing in the north corner of the leisure pool.

Capacity Calculation:

Leisure Main Pool water = 288 patrons  
Diving Pool water = 30 patrons  
Deck area = 138 patrons  
Total Leisure Area/Pool = 456 patrons

Wading Pool water = 101 patrons  
Deck area = 53 patrons  
Total Wading Area/Pool = 154 patrons

Bath House Occupants = 62 occupants

**Total patrons/occupants on site 672**

## **Existing Pool Conditions**

The swimming pools, bath house, pool equipment building, and pool deck need major improvements or replacement.

The structure (body) of the leisure pool, bath house, and pool equipment building are in sound condition, therefore complete replacement is not required.

### **Leisure Pool, Deck, and Slide Conditions**

1. Pool skimmers are cracked and in some locations loose from the pool sidewalls. [See Photo A1]
2. Pool edge caps have cracked and separated from the deck requiring sealant annually. [See Photo A2 and A3]
3. Interior surface of the pool is generally in good shape. [See Photo A4]
4. Pool deck has been removed and replaced in multiple locations for repairs. The deck does not meet the current draining requirements. [See Photo A5]
5. Steps have been repaired annually because of freeze/thaw cycles. [See Photo A6]
6. Slide structure is rusted and needs painting. [See Photo A7 and A8]
7. Deck lights are original and don't work. Electrical boxes in pool deck are a safety concern. [See Photo A9]
8. Lifeguard chairs, exit ladders and diving boards are satisfactory.

### **Wading Pool and Deck Conditions**

1. The sidewall and deck over the sidewall are cracked at the perimeter. [See Photo A10]
2. The pool deck similar to the leisure pool deck has been removed and replaced to fix piping issues and it doesn't meet the current draining requirement. [See Photo A11]

### **Bath House Building Conditions**

1. The original built-up roof needs to be replaced. The wood fascia and soffit needs replacement and paint. [See Photo A12 and A13]
2. The main entry door and staff door to pool are rusted and the transition at the sills deteriorated. [See Photos A14]

3. Exterior block has defaced at a few locations. [See Photo A14, A15, and A16]
4. The interior is generally in good shape. The stationary sitting benches are missing because they corroded and detached from the floor. Metal cabinet tops are a safety issue because of the sharp corners. [See Photo A17 and A18]
5. Bathroom fixtures do not meet the occupant load or ADA. Renovating the structure will require updates to the locker rooms. [See Photo A19]

#### **Pool Equipment Building and Filter Deck**

1. The original roof needs to be replaced.
2. The interior needs a clean-up and paint. All doors and frames have rusted to the point of deterioration. [See Photo A20 and A23]
3. Wading pool filter was added to separate it from the leisure pool. [See Photo A21]
4. One of the original four pressure filter tanks exist today. [See Photo A22]
5. A boiler to heat the leisure pool was added 10 years ago.

#### **Mechanical Conditions**

The entire water system including skimmers, water feeds, main drains, filtrations, treatments, heating system needs to be replaced for both pools. This includes all pumps, piping, valves, controls, and monitoring systems.

The pool deck lights, security lights, and PA sound system do not work as well.

#### **Electrical Conditions**

The bath house main electrical services and distribution panel are in poor condition and should be replaced for safety. The pool deck lights and PA sound system do not work.

## Project Scope and Opinion of Probable Cost Summary

We have created two reports addressing mandatory and elective work efforts and their elective work efforts and their associated costs.

The first report, titled "Required Upgrades", lists the mandatory work required by the Minnesota Department of Health that must be completed in order to reopen the pool for the summer of 2012.

The second report, titled "Recommended Upgrades", lists the elective work that should be considered to renovated and modernize the pool facility.

Following the Cost Summary are individual work efforts and costs.

EAPC recommends that a priority list be developed by the City and EAPC staff to create a project that meets your long term goals that are within your fiscal capabilities.

### Required Upgrades

1. Minnesota Department of Health Compliance Costs..... \$9,000.00

### Recommended Upgrades

1. Swimming Pool..... \$616,070.00
  2. Wading Pool..... \$47,250.00
  3. Pump House..... \$228,686.00
  4. Bath House ..... \$356,135.00
- Estimated Total Construction Costs ..... \$1,257,141.00

## General Cost Detail

### REQUIRED GENERAL CONSTRUCTION UPGRADES

The EGF Parks and Recreation Department will address and complete the General Construction items identified in the Minnesota Department of Health 9/20/11 Inspection report. Items identified in the report include:

1. Post trained operator certificate
2. Post the current license allowing the pool to operate
3. Post the pool user capacity in the pool area.
4. Secure the ladders so they are tight.
5. Repair the chemical disinfectant feeder
6. Remove logos from the pool bottom and paint with approved finish
7. Provide a stripe on the bottom and walls of the pool where the depth changes from 5 ft to 12 ft.
8. Add more 'No Diving' decals to the pool at maximum 25 ft. intervals
9. Provide a stripe on the leading edge of the stairs
10. Provide handrails on the steps in the main pool.
11. Post rules and warnings at the entrance to the flume slide.
12. Install a float line rope with buoys that define the flume slide area
13. Provide a new ladder within the new float line.

### RECOMMENDED GENERAL CONSTRUCTION UPGRADES

#### **A. Swimming Pool**

1. Replace the existing skimmers with a stainless steel perimeter recirculation system. This includes removal and replacement of concrete wall and pool edge. Piping is listed separately in the Mechanical report.

Stainless Steel Perimeter Recirculation System ..... \$188,000.00

2. The existing pool surface is cracked and most likely leaks water. We recommend installing a new PVC Pool Liner System to prevent leaking.

PVC Pool Lining System..... \$50,000.00

3. Main drains and piping replacement. This item is the cost to remove and replace the pool concrete and associated excavation and backfilling.

Piping is listed under the Mechanical Report.

Main Drain Replacement ..... \$15,300.00

4. Concrete Pool Deck Slabs

Remove and replace concrete deck slabs. Cost to replace deck drains is listed in the Mechanical report.

Deck Slabs ..... \$160,000.00

5. Replace Diving Boards ..... \$12,000.00

6. Signage Allowance ..... \$4,000.00

7. Replace Pool Ladders ..... \$9,000.00

8. Replace Lifeguard Chairs ..... \$2,200.00

9. Remove and Replace Sidewalk ..... \$22,400.00

10. Replace all chain link fencing with new 7 ' high fence ..... \$24,000.00

**B. Wading Pool**

- 1. Replace Main Drains. This cost is for concrete removal and replacement and associated earthwork to replace the Wading Pool Main Drains.

Main Drain Replacement .....\$12,500.00

- 2. Surface Painting of Wading Pool .....\$3,500.00

**C. Pump House**

- 1. New Chemical Storage Room.....\$15,000.00

- 2. Replace Doors.....\$2,500.00

- 3. Replace Roof.....\$5,000.00

**D. Bath House**

- 1. Reroofing .....\$50,000.00

- 2. General Renovation to include .....\$175,000.00

- A. Replace toilet/dressing compartments, benches, cabinets, countertops, doors and frames, bag racks, windows.

- B. Paint interior walls, doors, windows, varnish wood deck and beams, seal floor slabs.

- C. Replace rotted fascia and roof deck boards.

- D. New sealants/caulking.

- E. Remove existing masonry walls and replace with new masonry walls for showers and toilet areas.

## Mechanical Cost Detail

### REQUIRED MECHANICAL UPGRADES

#### **A. Swimming Pool**

1. Per MN Statute 144.1222 Subd. 1c: New unblockable drain covers are required at each of the 3 existing 18"x18" drains with a minimum of 144 sq.in. of surface area each. [See Photo M1]

New Swimming Pool Unblockable Drain Covers.....\$1,500.00

2. Per MN Statute 144.1222 Subd. 1c; and Per 4717.2580 Subp. 1,2: The flume slide pump suction intake is required to have a screen meeting the ATPSA (Anti-entrapment Act). [See Photo M2]

New Flume Slide Suction Intake .....\$1,000.00

#### **B. Wading Pool**

3. Per MN Statute 144.1222 Subd. 1c: A new unblockable drain cover is required at the existing 18"x18" drain with a minimum of 144 sq.in. of surface area each.

New Wading Pool Unblockable Drain Covers .....\$500.00

#### **C. Pump House**

4. Per 4717.2570 Subp. 4: A new flow indicator is required with a capacity of 1,500 gpm for the swimming pool recirculation near the pool pump. [See Photo M3]

New Swimming Pool Flow Indicator.....\$3,000.00

5. Per 4717.2570 Subp. 6: A new thermometer is required on the pool return line near the pool pump for the swimming pool. [See Photo M3]

New Swimming Pool Thermometer.....\$500.00

6. Per 4717.2150 Subp 2: A new a 1-1/2" RPZ-BFP is required inside the pump house near the main water service for the wading pool cold water supply. [See Photo M4]

New Wading Pool Backflow Preventer.....\$2,500.00

RECOMMENDED MECHANICAL UPGRADES

**D. Swimming Pool**

- 7. The original swimming pool return piping has been sleeved with smaller piping. Replace both the return and skimmer piping with new piping when gutter is replaced.

New Swimming Pool Gutter Piping ..... \$68,920.00

- 8. The existing swimming pool deck drains are cracked, crooked, and many are higher than the surrounding deck itself. Replace these drains and the associated piping. This should also include replacement of the CW hose bib in the deck for wash down.

New Swimming Pool Deck Drains and Piping ..... \$34,650.00

- 9. The original swimming pool main drains at the bottom of the diving bay should be reviewed and potentially replaced before any pool liner or resurfacing occurs. This will require excavation and repiping all the way back to the Pump House.

New Swimming Pool Main Drains and Piping ..... \$25,600.00

**E. Wading Pool**

- 10. The original wading pool has only one main drain. It should have a second drain per MN Rules 4717.2580 Subp. 1E along with replacing the existing drain before any pool liner or resurfacing occurs. This will require excavation and repiping all the way back to the pump.

New Wading Pool Main Drains and Piping ..... \$10,000.00

- 11. The existing wading pool does not have any skimmers. The wading pool is 1,540sf. A skimmer is required for each 400 sf. per MN Rules 4717.2595 Subp. 1. A minimum of 3 skimmers are required.

New Wading Pool Skimmers and Piping ..... \$7,250.00

- 12. The existing wading pool pump is not on site at this time. Actual capacity is not known. Recommend reviewing pump capacity of insure pump can provide required 90 GPM in order to provide proper recirculation rate of one complete water change in 2 hours per MN Rules 4717.2560 Subp. 2. For purposes of this report, the pump is assumed adequate at this time.

Review Wading Pool Pump Capacity ..... \$0.00

- 13. The existing wading pool pump is located outside the main pump house. Recommend locating this pump inside the pump house, space permitting.

Relocate Wading Pool Pump ..... \$5,000.00

- 14. The current wading pool water treatment is provided by manually dropping tablets. This lends itself to human error and potential issues with young swimmers. Recommend providing automatic water treatment for the wading pool per MN Rules 4717.2610. This could potentially be connected to the main swimming pool treatment system.

New Wading Pool Water Treatment System ..... \$5,000.00

- 15. The current wading pool is not heated potentially turning away young swimmers and other family members. Recommend providing heat to the wading pool. This could potential be connected to the main swimming pool heating system.

New Wading Pool Heat Connection ..... \$4,000.00

**F. Pump House**

- 16. The existing pool pump is inoperable and currently is offsite at a vendor waiting for refurbishment direction. It is understood that approximately \$10,000 in refurbishment cost is required in order to repair the old pump. Original drawings indicate this pump to be 25HP, 942 GPM, 220v/3ph. A new pump(s) would be more efficient. New VFD(s) could also be provided to provide a soft start and reduce the electrical demand charges. This work would require substantial repiping in the pump house. [See Photo M3]

New Swimming Pool Pump(s)..... \$65,000.00

- 17. The original swimming pool filtration system consisted of 4 large filters with a total capacity of 942 GPM. Currently, only 1 of these filters exists. This leaves the current filtration capacity of 235 GPM. 900 GPM is required per MN Rules 4717.2560 Subp. 1 and 4717.2850. Three exterior fiberglass filters could be provided in the same location as the original filters. Replace existing filter with new fiberglass sand filled filters and repipe. [See Photo M5]

New Swimming Pool Filtration System..... \$51,000.00

- 18. The original swimming pool chemical treatment system consists of high pressure chlorine gas. This method is dangerous and obsolete. A simpler means of using liquid chlorine and Acid feeder systems is now much more common and used successfully in other local pools. This would consist of poly tanks, automatic sensors and chemical feeder pumps. Recommend replacing the chemical treatment system with one per MN Rules 4717.2610 and 4717.2650. This system could potentially also serve the wading pool. [See Photo M6]

New Chemical Treatment System..... \$15,000.00

19. The existing 80% efficient pool heater appears to still be operational despite being approximately 20 years old. If substantial renovations occur, it is recommended to replace this with a new heater that could be more efficient. [See Photo M4]

New Pool Heater .....\$46,600.00

20. The existing 4" domestic cold water service is cast iron. If substantial renovations occur, recommend replacing the line to avoid potential water issues. [See Photo M4]

New 4" Domestic Water Service .....\$25,000.00

**G. Bath House**

21. The existing bath house fixtures are old. If substantial renovations occur, recommend replacing all the fixtures and provide proper amount of fixtures and ADA fixtures per MN Rules 4717.3650. At this same time the domestic water heating system could also be upgraded. [See Photo M7 and M8]

New Bathhouse Plumbing Fixtures .....\$75,250.00

## Electrical Cost Detail

### REQUIRED ELECTRICAL UPGRADES

There were no electrical deficiencies noted in the Minnesota Department of Health September 20, 2011 public pool and spa inspection report. There will be some electrical associated with the mechanical work cited. This work should be minimal and will be included in the mechanical estimates.

Although no electrical work is required, there are a number of items that should be considered. Some of the existing electrical equipment was part of the original construction and is obsolete. Some of the equipment is not energy efficient.

Suggested changes are as follows:

### RECOMMENDED ELECTRICAL UPGRADES

#### **A. Bath House**

1. Replace the existing electrical service and panel. The existing main disconnect, wire way, security lighting disconnect and time clock are old, obsolete, and rusty. This is the original equipment installed in 1963.

Provide New Electrical Service Estimate .....\$14,100.00

2. Replace the existing bath house lights. The existing lights use T12 fluorescent lamps, which are not energy efficient. These lamps are obsolete and will not be available much longer. The new T8 and T5 fluorescent lamps provide more lumens per watt and have a longer lamp life. Thus, lowering maintenance and energy costs. The existing fixtures are 4'-0" two fluorescent lamp strip lights with metal housings. Plastic tubes have been installed over the lamps to meet code. These tubes shorten lamp life.

Replace the existing light fixtures with new 4'-0" fixtures with impact resistant fiber glass housing, impact resistant acrylic lens and energy efficient T8 fluorescent lamps. Replace on a one-for-one basis.

Provide New Light Fixtures in Bath House .....\$11,825.00

3. Replace the existing sound system. The existing system is old, obsolete, and does not work properly. Replace the main console, amplifier, remote station speaker, microphone jacks and cabling.

Provide New Sound System .....\$8,360.00

4. Replace the existing 250 watt mercury vapor light fixtures with new 250 watt metal halide fixture. New fixtures are more efficient and have a longer lamp life.  
[See Photo E-2]

Repaint existing poles.

Provide New Exterior Post Top Light Fixtures..... \$21,600.00

**B. Pump House**

5. Existing electrical service is a little rusty but in good working order. No replacement is required.
6. Replace the 6 incandescent vapor tight light fixtures with new energy efficient compact fluorescent vapor tight fixtures.

Provide New Lighting..... \$3,036.00

7. Replace the 10'-0" baseboard electric heater with self contained thermostat. The existing heater is rusted beyond repair.

Replace Baseboard Heater..... \$550.00



A1 - LEISURE POOL SKIMMER



A2 - LEISURE POOL EDGE AND DECK



A3 - LEISURE POOL EDGE AT DECK



A4 – LEISURE POOL INTERIOR



A5 – LEISURE POOL DECK



A6 – LEISURE POOL STEPS



A7 – SLIDE STRUCTURE



A8 – SLIDE STRUCTURE



A9 – DECK LIGHT BASE AND WIRING BOX



A10 – WADING POOL DECK



A11 – WADING POOL SIDEWALL



A12 – BATH HOUSE ROOF



A13 – BATH HOUSE SOFFIT



A14 – BATH HOUSE EXTERIOR DOOR (POOL SIDE)



A15 – BATH HOUSE MASONRY



A16 – BATH HOUSE MASONRY



A17 – GIRLS LOCKER ROOM



A18 – BOYS LOCKER ROOM



A19 – BOYS LOCKER ROOM FIXTURES



A20 – POOL EQUIPMENT BUILDING INTERIOR



A21 – WADING POOL FILTER



A22 – PRESSURE FILTER



A23 – POOL EQUIPMENT BUILDING EXTERIOR DOOR



M1 - SWIMMING POOL MAIN DRAIN



M2 - FLUME SLIDE SUCTION INLET



M3 - SWIMMING POOL RECIRCULATION PIPING



M4 – DOMESTIC WATER SERVICE / POOL HEATER



M5 – SWIMMING POOL FILTRATION



M6 – CHEMICAL TREATMENT ROOM



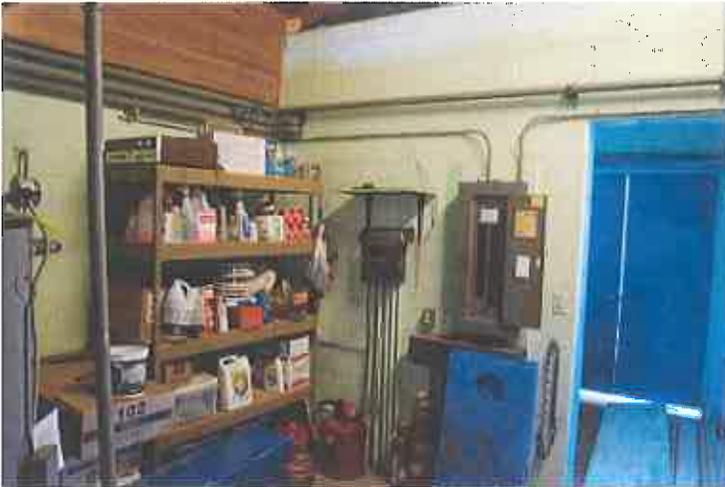
M7 – BATHHOUSE LAVATORIES



M8 – BATHHOUSE COMMON URINAL TANK



E1- BATHHOUSE MAIN ELECTRICAL DISTRIBUTION SYSTEM



E2- BATHHOUSE CIRCUIT BREAKER PANEL



Minnesota Department of Health  
 Division of Environmental Health, EHS  
 P.O. Box 64975  
 St. Paul, MN 55164-0975  
 651-201-4500

Type: Follow-Up  
 Date: 09/20/11  
 Time: 12:45:35  
 Report: 8017111005

## Public Pool and Spa Inspection Report

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**Location:**

City of East Grand Forks  
 919 5th Avenue NW  
 East Grand Forks, MN56721  
 Polk County, 60

**Establishment Info:**

ID #: 0025125  
 Risk: High  
 Announced Inspection: No

**License Categories:**

FBLB, FBSW, FSWE

Expires on: 12/31/11

**Operator:**

East Grand Forks Park & Rec

Phone #: 2187796611  
 ID #: 16032

The violations listed in this report include any previously issued orders and deficiencies identified during this inspection. Compliance dates are shown for each item.

The following orders previously issued on 08/17/11 have NOT been corrected.

**2. POOL OPERATION AND MAINTENANCE; OPERATOR TRAINING**

**02A3**

4717.0650 Subp. 5. Post a copy of the trained operator's training certificate at the facility whenever the public pool is open for use.

Issued on: 08/17/11

Comply By: 08/17/11 OK

**2. POOL OPERATION AND MAINTENANCE; OPERATOR TRAINING**

**02A7**

MN Statute 157.16 Subd. 4. Post in a conspicuous place at the swimming pool, your license to operate the public pool.

Issued on: 08/17/11

Comply By: 08/17/11 OK

**5. POOL FACILITY CAPACITY**

**05A1**

4717.1350 Subp. 1. Post the pool user capacity in the pool area. The pool capacity must be determined as specified in part 4717.1350 subp. 2 items A-D.

In both the wading and the swimming pool.

Issued on: 08/17/11

Comply By: 08/17/11 OK

**15. RECIRCULATION SYSTEM, RATE, EQUIPMENT**

**15C4**

4717.2570 Subp. 4. Provide a rate-of-flow indicator, reading in gallons per minute, on the pool return line. The indicator must be accurate, easy to read, and capable of measuring at least 1-1/2 times the designed flow rate.

In both the wading and swimming pool.

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## Public Pool and Spa Inspection Report

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*Issued on: 08/17/11*

*Comply By: 08/17/11*

### 18. DISINFECTANT AND CHEMICAL FEEDERS, CHEMICAL HANDLING EQUIPMENT 18A2

4717.2610 Repair the chemical disinfectant feeder so that it functions properly.

LEAKING CHLORINE FEEDER FOR THE BABY POOL. REPAIR IT SO THAT IT FUNCTIONS PROPERLY.

*Issued on: 08/17/11*

*Comply By: 08/17/11* OK

### 24. STEPS, LADDERS, HANDHOLDS, AND HANDRAILS 24C2

4717.3250 Subp. 3. Reinstall the ladder so that it is rigid and provides a secure handhold.

THE LADDERS WERE LOOSE. REINSTALL THEM SO THAT THEY ARE SECURE.

*Issued on: 08/17/11*

*Comply By: 08/17/11* OK

The following orders were issued during this inspection.

### 11. WATER SUPPLY

#### 11B1

4717.2150 Subp. 2. Provide a proper air gap or an approved backflow prevention device on the water supply to the pool.

PROVIDE A PROPER AIR GAP OR AN APPROVED BACKFLOW PREVENTION DEVICE ON THE WATER SUPPLY LINE TO THE WADING POOL.

*Comply By: 04/21/12*

### 13. POOL STRUCTURE

#### 13A1

4717.2350 Provide an approved pool basin finish which is of a white or light colored material, non-toxic to humans, smooth, easily cleanable and void of cracks.

REMOVE ALL LOGOS FROM THE BOTTOMS OF THE POOLS AND PROVIDE AN APPROVED POOL BASIN FINISH.

*Comply By: 04/21/12*

### 14. MARKINGS AND LINES

#### 14B1

4717.2450 Subp. 2. Provide a stripe of dark, contrasting color at least six inches wide on the bottom and walls of the pool where a transition to a steeper bottom slope occurs.

PROVIDE A STRIPE ON THE BOTTOM AND WALLS OF THE POOL WHERE THE POOL GOES FROM 5 FT TO 12 FT.

*Comply By: 04/21/12*

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City of East Grand Forks

## Public Pool and Spa Inspection Report

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### 14. MARKINGS AND LINES

#### 14C1

4717.2450 Subp. 3, items A and B. Pools and sections of pools that do not permit diving must have:

A. the words "No Diving" in letters at least four inches high, and of a color contrasting with the background on the pool deck and spaced not more than 25 foot intervals; or

B. the universal no diving symbol at least four inches high accompanied by the words "No Diving" in letters not less than one-half inch high and of a color contrasting with the background on the pool deck and spaced not more than 25 foot intervals.

ADD MORE "NO DIVING" TO THE POOL DECK SO THAT THERE IS NO MORE THAN 25 FOOT INTERVALS BETWEEN "NO DIVING".

*Comply By: 04/21/12*

### 14. MARKINGS AND LINES

#### 14D1

4717.2450 Subp. 4. Provide a stripe of dark, contrasting color between one-half inch and two inches in width on the leading edge of the stairs entering the pool.

PROVIDE A STRIPE ON THE LEADING EDGE OF THE STAIRS.

*Comply By: 04/21/12*

### 15. RECIRCULATION SYSTEM, RATE, EQUIPMENT

#### 15D1

4717.2570 Subp. 6. Provide a fixed thermometer in the recirculation line returning to the pool.

*Comply By: 04/21/12*

### 16. INLETS AND OUTLETS

#### 16A1

4717.2580 Subp. 1, 2. Provide inlets and outlets that are designed and installed as specified in part 4717.2580.

PROVIDE A SUCTION OUTLET ON THE FLUME SLIDE THAT COMPLIES WITH THE ABIGAIL TAYLOR POOL SAFETY ACT (ATPSA). (SEE GENERAL COMMENT SECTION FOR MORE INFORMATION). THE FLUME WAS ADDED IN 2005 WITHOUT PLAN REVIEW TO OUR DEPARTMENT WHICH IS A VIOLATION OF MN RU

*Comply By: 03/21/12*

### 16. INLETS AND OUTLETS

#### 16B1

MN Statute 144.1222, subd. 1c. Beginning January 1, 2009, for all pools with the deepest water 4 feet or less, provide:

- (1) an unblockable suction outlet or drain;
- (2) at least two suction outlets, connected in parallel with suction outlet covers that meet ASME/ANSI standards; or
- (3) a gravity outlet or drain

IN THE WADING POOL.

Type: Follow-Up  
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# Public Pool and Spa Inspection Report

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*Comply By: 04/21/12*

## 16. INLETS AND OUTLETS

### 16C1

MN Statute 144.1222, subd. 1c. Beginning January 1, 2011, for all public pools greater than four feet deep, provide:

- (1) an unblockable suction outlet or drain;
- (2) at least two suction outlets, connected in parallel with suction outlet covers that meet ASME/ANASI standards;
- (3) a gravity outlet or drain; or
- (4) any other system determined by the commissioner to be equally effective as, or better than, the systems listed in this paragraph at preventing or eliminating the risk of injury or death associated with pool drainage systems.

IN THE SWIMMING POOL

*Comply By: 04/21/12*

## 24. STEPS, LADDERS, HANDHOLDS, AND HANDRAILS

### 24A1

4717.3250 Steps, ladders, handholds, and handrails must be provided and maintained as specified in part 4717.3250.

PROVIDE HANDRAILS ON THE STEPS IN THE SWIMMING POOL.

*Comply By: 04/21/12*

## 32. FLUME WATER SLIDES

### 32B1

4717.3875 Subp. 11. Post the following rules and warnings at the entrance to each flume slide:

- a.) Do not use this slide while under the influence of alcohol or drugs;
- b.) Follow the instructions of the flume attendant;
- c.) No running, standing, kneeling, rotating, tumbling, or stopping in the flume;
- d.) Only one person at a time;
- e.) Keep your hands inside the flume;
- f.) No diving from the flume; and
- g.) Leave the flume pool promptly after entering.

*Comply By: 04/21/12*

Type: Follow-Up  
Date: 09/20/11  
Time: 12:45:35  
Report: 8017111005  
City of East Grand Forks

# Public Pool and Spa Inspection Report

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**Pool Details and Calculations**

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16A1: (1) AN UNBLOCKABLE SUCTION OUTLET OR DRAIN,  
(2) AT LEAST TWO SUCTION OUTLETS, CONNECTED IN PARALLEL WITH SUCTION OUTLET  
COVERS THAT MEET ASME/ANSI STANDARDS; OR  
(3) A GRAVITY OUTLET OR DRAIN

When the flume is in use, at least one attendant must be continuously present, observing the flume and controlling its use.

A flume must discharge to a dedicated plunge pool or dedicated area of a pool with a separate ladder or stairs.

- a. The operating water depth of the pool at the end of the flume must be no less than 3 feet and no more than 3 feet 6 inches.
  - b. The depth specified in above Item a must be maintained in front of the flume's discharge point for a distance of at least 10 feet.
  - c. Steps with handrails or a ladder must be provided at the exit from the pool.
- The dedicated plunge area can be formed using float lines. The ladder needs to be within the float line.

Subpart 1. Plan submission and review. No public pool shall be constructed, installed, or materially altered until complete plans and specifications are submitted to the commissioner in duplicate and approved by the commissioner.

This includes slides and play features.

The pool is not to be opened until the proper suction outlets (drain covers) are in place (main pool, flume slide, and wading pool). Before doing any alteration to the pool, submit plan review paperwork.

An spring inspection must be conducted prior to opening.

**NOTE: Plans and specifications must be submitted for review and approval prior to new construction, remodeling or alterations to the premises or its facilities.**

I acknowledge receipt of the Minnesota Department of Health inspection report number 8017111005 of 09/20/11.

Certified Trained Operator: \_\_\_\_\_

Certification Number: \_\_\_\_\_ Expires:   /  /   Since:   /  /  

Signed:   Sent by mail    
Establishment Representative

Signed:   [Signature]    
Natalie Oslund  
Environmental Health Specialist  
Fergus Falls  
218-332-5188  
Natalie.Oslund@state.mn.us

## Water Usage Summary

EAPC reviewed the water consumption for the swimming pool and bathhouse at the EGF Swimming Pool Complex. When reviewing the consumption, we utilized the months of June, July and August since they were the only months that indicated significant water usage. The data provided to EAPC was for the years of 2009, 2010 and 2011.

When analyzing the data, it became apparent that the swimming pool water usage increased 23% in 2010 and 21% in 2011. Typically, water usage by a pool is not greatly affected by patron usage. It is typically attributed to the general operation of a pool. This leads us to believe that water is escaping the system.

The water usage increase for the bathhouse was 2% for 2010 and 14% for 2011. The increase in water usage for the bathhouse has been less consistent and could be attributed to patron usage.

### Usage:

#### 2009 Pool

June	600000 *
July	364300
August	<u>532500</u>
Total	1496800 gallons

#### 2009 Bathhouse

June	11000
July	20000
August	<u>17000</u>
Total	48000 gallons

#### 2010 Pool

June	533000
July	572300
August	<u>748900</u>
Total	1854200 gallons

#### 2010 Bathhouse

June	11000
July	22000
August	<u>16000</u>
Total	49000 gallons

#### 2011 Pool

June	877300
July	666300
August	<u>710100</u>
Total	2253700 gallons

#### 2011 Bathhouse

June	14000
July	23000
August	<u>19000</u>
Total	56000 gallons

\* Estimate from City - Meter was broke/replaced

# Request for Council Action

Date: December 5, 2011

To: East Grand Forks City Council, Mayor Lynn Stauss, President Craig Buckalew, Council Vice President Wayne Gregoire, Council Members: Marc Demers, Henry Tweten, Greg Leigh, Mike Pokrzywinski and Ron Vonasek.

Cc: File

From: Greg Boppre, P.E.

RE: EDA Project – 2011 Assessment Job No. 2/3 – Utilities and Street Construction – Industrial Park Second Addition

**Background:**

The City has finally received approval to advertise the above mentioned projects(see attached letter). It has been almost a year since the Council has seen these projects, therefore the following is a summary:

**PROJECT COST(see attached EDA BUDGET and cost estimates)**

Construction	\$680,000.00
Engineering, Legal, Admin, Contingencies	<u>\$170,000.00</u>
<b>TOTAL</b>	<b>\$850,000.00</b>

**FUNDING**

EDA	\$425,000.00
MN DEED	\$250,000.00
Assessments to property	<u>\$175,000.00</u>
<b>TOTAL</b>	<b>\$850,000.00</b>

As stated in the report of feasibility(see attached), the utilities and the crushed concrete will be installed in 2012 and the final concrete pavement surface will be installed in 2013. However, we will be bidding both of these projects at the same time, because EDA will not reimburse the City until they know the entire budget. The proposed assessment rates are as follow:

Watermain	\$8.55/FT
Sanitary Sewer	\$10.05/FT
Storm Sewer	\$.0124/SF
Paving	\$55.22/FT

Also, this EDA project will create and/or save 114 permanent jobs, according to the submittal.

Recommendation:

File plans and specifications, get authorization to advertise and set bid date

Enclosures:

December 16, 2010 RCA

Report of Feasibility

Assessment Roll

Cost Estimates

EDA Budget

EDA Approval letter

# Request for Council Action

Date: December 16, 2010

To: East Grand Forks City Council, Mayor Lynn Stauss, President Dick Grassel, Council Vice President Henry Tweten, Council Members: Marc Demers, Craig Buckalew, Wayne Gregoire, Greg Leigh, and Mike Pokrzywinski.

Cc: File

From: Greg Boppre, P.E.

RE: Report of Feasibility – 2011 Assessment Job No. 2/3 – Utilities and Street Construction - Industrial Park Second Addition

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## Background:

The City has received a \$425,000 EDA grant and a \$250,000 DEED grant for utilities and street construction in the Industrial Park Second Addition. The total estimated project cost is \$850,000, which leaves \$175,000 to be assessed to the benefiting properties along 13<sup>th</sup> Ave NE. Therefore, we have completed the report of feasibility (see attached)

## Recommendation:

Approve the report of feasibility, authorize the preparation of plans and specifications and set a date for public hearing.

## Enclosures:

Report of Feasibility

H:\Dump\Greg\docs\council11AJ2&3feasibility.doc



December 10, 2010

Honorable Mayor and City Council  
City of East Grand Forks  
PO Box 373  
East Grand Forks, MN 56721

RE: Report of Feasibility  
Estimate of Cost and  
Area Proposed to be Assessed:  
13th Ave NE  
Industrial Park

Dear Members of the Council:

We have as directed by Council, made an investigation as to the feasibility of constructing watermain, sanitary sewer, storm sewer and paving, to serve the properties along 13th Avenue NE from frontage road to 10th Street NE. (See attached map)

We have identified the project need as follows:

The City has received an Economic Development Administration (EDA) grant in the amount of \$425,000.00 and a Department of Employment and Economic Development (DEED) grant in the amount of \$250,000.00. The total estimated project cost is \$850,000.00, which leaves \$175,000.00 to be assessed to the benefiting properties along 13th Avenue NE.

The construction of the 8" PVC watermain 8" PVC sanitary sewer and the 12" RCP storm sewer will serve industrial lots along 13th Avenue NE. These lots would then be benefited by the proposed watermain, sanitary sewer and storm sewer improvements.

The sewage collection system is designed upon the following:

Laterals and Sub-mains - 400 gallons per capita per day.  
Mains, Trunks and Outfall - 250 gallons per capita per day.

#### **WATERMAIN**

Watermain will be connected between from the existing watermain on 10th Street NE and the frontage road. (See attached map)

The estimated project cost for the watermain is approximately \$93,608.00 and the amount to be assessed is \$19,275.00, which results in an estimated assessment rate of \$8.55 per foot.

**SANITARY SEWER**

The sanitary sewer will be extended from manhole in the intersection of 10th Street NE and 13th Avenue NE and extended north along 13th Avenue NE for approximately 1100 feet. (See attached map)

The estimated project cost is approximately \$110,000.00 and the amount to be assessed is \$22,649.00 of which results in an estimated assessment rate of \$10.05 per foot.

**STORM SEWER**

The storm sewer will be extended both from the existing storm sewer along 10th Street NE and also the frontage road. (See attached map)

The estimated project cost is approximately \$42,000.00, of which \$8,650.00 will be assessed, resulting in an assessment rate of \$0.0124 per square foot.

**PAVEMENT**

The proposed paving on 13th Avenue NE from 10th Street NE to the frontage road will be a 41 foot section and the estimated project cost would be \$604,388.00, of which \$124,443.00 will be assessed, resulting in an assessment rate of \$55.22 per foot.

As with all proposed paving and utility projects we would propose the utilities, curb and gutter and crushed concrete be installed in 2011 and the final concrete pavement surface be installed in 2012. This results in a better construction project for the area to go throughout at least one (1) freeze/thaw cycle.

It has been our experience that the nature of our soil in the City is such that is literally impossible to achieve a stablized condition over trench areas or where fill has been placed over existing ground and compacted, we therefore anticpate some further consolidation of soil to take place in forthcoming years even though subgrade preparations will be uniform beneath the pavement. To completely eliminate the problems of settlement would make the cost of the project prohibitive.

**AREAS PROPOSED TO BE ASSESSED**

Industrial Park Second Addition

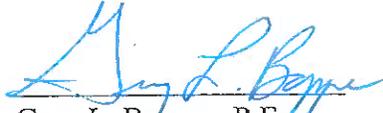
Lots 1-10                      Block 1

Lots 1-10                      Block 2

We feel the project as described are feasible.

If you have any questions, or if additional information is needed, please contact our office.

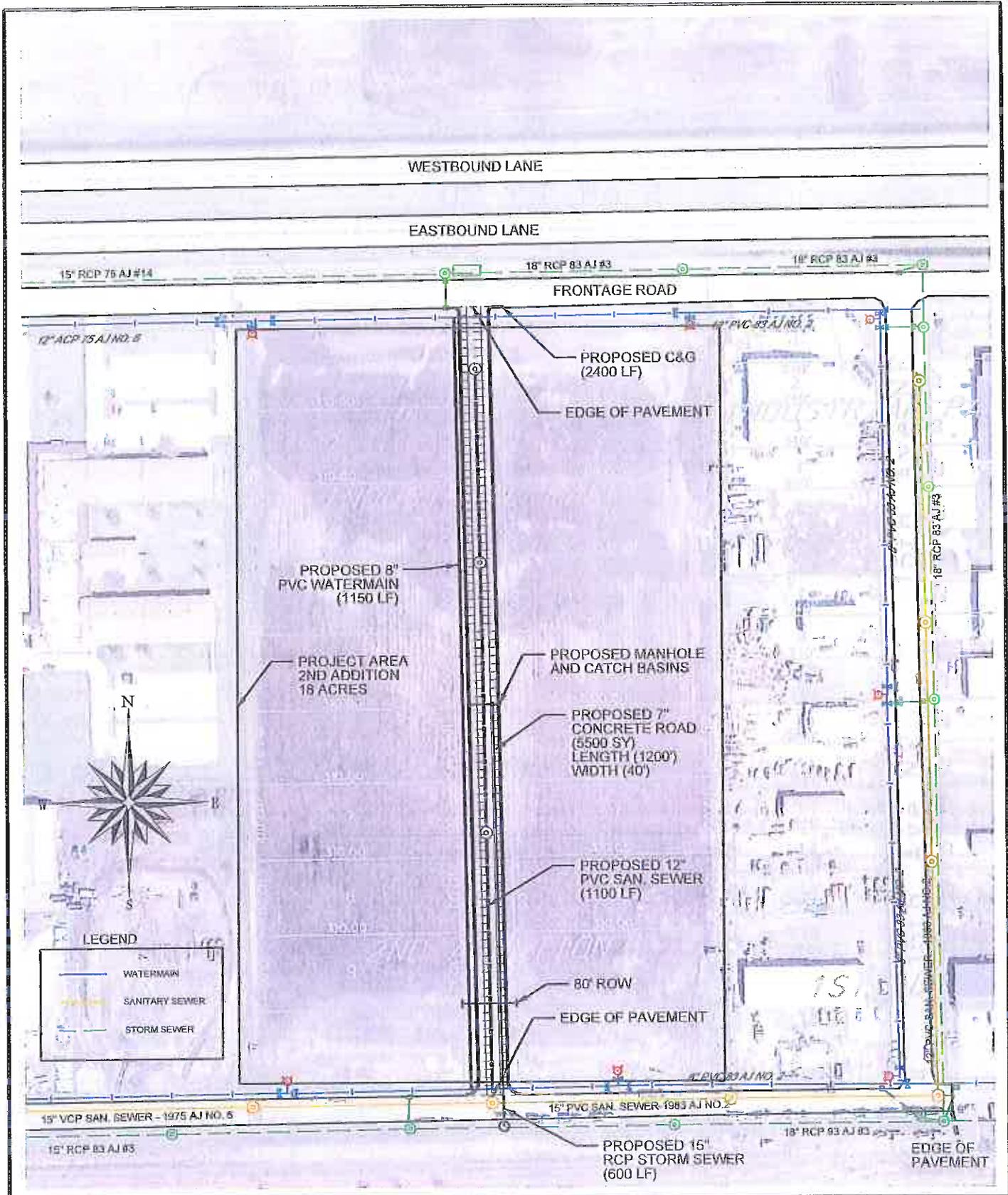
Respectfully yours,  
FS Engineering



Greg L. Bopp, P.E.

GLB:kk

CC: Scott Huizenga, City Administrator



DRAWN BY: JS

DATE: 11/22/2010

DGN: 09\_ind\_park\_2nd\_proposal.dgn

MODEL NAME: utility plan

PROJECT:

2011 Utility Construction  
 Industrial Park  
 East Grand Forks, MN

SHEET:

1

**ENGINEERS ESTIMATE**

**2011 ASSESSMENT JOB NO. 2  
UTILITIES AND STREET CONSTRUCTION  
EAST GRAND FORKS**

**BASE BID:**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL
01570	Traffic Control	1 LS	\$500.00	\$500.00
01570	Type III Permanent Barricades	6 EA	\$500.00	\$3,000.00
02100	Storm Drain Inlet Protection	8 EA	\$100.00	\$800.00
02110	Topsoil Stripping (P)	3360 CY	\$6.00	\$20,160.00
02110	Remove Concrete Pavement	498 SY	\$6.00	\$2,988.00
02110	Remove Casting	2 EA	\$100.00	\$200.00
02110	Remove Concrete Curb & Gutter	186 LF	\$10.00	\$1,860.00
02210	Aggregate Pipe Foundation (LV)	100 CY	\$20.00	\$2,000.00
02231	Common Excavation (P)	2230 CY	\$6.00	\$13,380.00
02231	Subgrade Preparation	5913 SY	\$2.50	\$14,782.50
02231	Compaction Tests	25 EA	\$100.00	\$2,500.00
02231	Aggregate Base Course, Type G (CV)	1762 CY	\$22.00	\$38,764.00
02231	4" Perforated Drain Tile	2259 LF	\$4.00	\$9,036.00
02607	Construct Sanitary Manhole	22.1 LF	\$275.00	\$6,077.50
02607	Construct Storm Manhole (48")	29.7 LF	\$300.00	\$8,910.00
02607	Casting Assembly, Type B	4 EA	\$1,200.00	\$4,800.00
02607	Casting Assembly, Type C	3 EA	\$1,200.00	\$3,600.00
02667	6" PVC Watermain	10 LF	\$50.00	\$500.00
02667	8" PVC Watermain	1141 LF	\$36.00	\$41,076.00
02667	12"x8" Tapping Tee and Valve	1 EA	\$3,000.00	\$3,000.00
02667	8" Gate Valve & Box	5 EA	\$1,500.00	\$7,500.00
02667	6" Fire Hydrant (9.0' Bury)	1 EA	\$3,000.00	\$3,000.00
02667	6" Fire Hydrant (10.0' Bury)	1 EA	\$3,200.00	\$3,200.00
02667	Ductile Iron Fittings	308 LBS	\$3.50	\$1,078.00
02667	8" Transition Coupling	1 EA	\$250.00	\$250.00
02722	12" RC Storm Sewer	63 LF	\$40.00	\$2,520.00
02722	15" RC Storm Sewer	99 LF	\$45.00	\$4,455.00
02722	18" RC Storm Sewer	737 LF	\$50.00	\$36,850.00
02722	Catch Basin	5 EA	\$1,000.00	\$5,000.00
02722	Catch Basin Casting Assembly	5 EA	\$1,200.00	\$6,000.00
02732	8" PVC Sanitary Sewer (0'-10')	1090 LF	\$30.00	\$32,700.00
02732	6" Sewer Lead	680 LF	\$25.00	\$17,000.00
02732	8" x 6" Sewer Wye	17 EA	\$200.00	\$3,400.00
02732	12"x 2" Pipe Insulation	50 LF	\$35.00	\$1,750.00
02732	6"x 2" Pipe Insulation	300 LF	\$20.00	\$6,000.00
02732	Sewer Televising	1090 LF	\$2.00	\$2,180.00
02936	Turf Establishment	5862 SY	\$3.00	\$17,586.00
<b>TOTAL BASE BID:</b>				<b>\$328,403.00</b>

**ADD ALTERNATE:**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL
02231	Geogrid	5586 SY	\$4.00	\$22,344.00
<b>TOTAL BASE BID PLUS ALTERNATE BID:</b>				<b>\$350,747.00</b>
<b>ENGINEERING, ADMINISTRATION, LEGAL &amp; CONTINGENCIES</b>				<b>\$87,686.75</b>
<b>TOTAL PROJECT COST</b>				<b>\$438,433.75</b>

**ENGINEERS ESTIMATE**

**2011 ASSESSMENT JOB NO. 3  
UTILITIES AND STREET CONSTRUCTION  
EAST GRAND FORKS**

<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL</b>
2104.523	Salvage Temporary Barricades	6 EA	\$250.00	\$1,500.00
2105.525	Topsoil Borrow (LV)	300 CY	\$15.00	\$4,500.00
2211.607	Crushed Concrete (LV)	137 CY	\$30.00	\$4,110.00
2301.529	Reinforcement Bars (Epoxy Coated)	2586 LBS	\$3.50	\$9,051.00
2301.604	Concrete Pavement 7.0"	5177 SY	\$48.00	\$248,496.00
2506.522	Adjust Frame & Ring Casting	10 EA	\$500.00	\$5,000.00
2531.501	Concrete Curb & Gutter, Design B624	2405 LF	\$20.00	\$48,100.00
2563.601	Traffic Control	1 LS	\$1,500.00	\$1,500.00
2564.602	F & I Sign Panel Type C	4 EA	\$350.00	\$1,400.00
2573.530	Storm Drain Inlet Protection	8 EA	\$100.00	\$800.00
2575.604	Seeding	1780 SY	\$3.00	\$5,340.00
<b>TOTAL</b>				<b>\$329,797.00</b>
<b>ENGINEERING, ADMINISTRATION, LEGAL AND CONTINGENCIES</b>				<b>\$82,449.25</b>
<b>TOTAL PROJECT COST</b>				<b>\$412,246.25</b>

2011 Assessment Job. No. 7 - Utilities & Street Construction  
 EAST GRAND FORKS, MINNESOTA

Utilities & Street Construction	
Construction Cost	\$175,000.00
Plans & Specifications	\$0.00
Staking & Inspection	\$0.00
Administration	\$0.00
Assessment Roll	\$0.00
<b>TOTAL</b>	<b>\$175,000.00</b>

<b>FRONT FOOTAGES</b>	
INDUSTRIAL PARK 2ND ADDITION	2265.72
<b>TOTAL</b>	<b>2265.72</b>

**ASSESSMENT RATE** \$77.23814 per Front Foot

**TOTAL AMOUNT TO BE ASSESSED** \$175,000.00

2011 Assessment Job. No. ? - Utilities & Street Construction

PARCEL No.	OWNER	DESCRIPTION	Utilities, Street, and Paving		TOTAL ASSESSMENT BEFORE INTEREST
			FRONT FOOTAGE	\$ FRONT BENEFIT	
				\$77,238.14	
	INDUSTRIAL PARK 2ND ADDITION				
R 83.04277.00	EGF ECONOMIC DEV AUTHORITY	Lot-001 Block-001	126.26	\$9,752.09	\$9,752.09
R 83.04278.00	EGF ECONOMIC DEV AUTHORITY	Lot-002 Block-001	111.00	\$8,573.43	\$8,573.43
R 83.04279.00	EGF ECONOMIC DEV AUTHORITY	Lot-003 Block-001	111.00	\$8,573.43	\$8,573.43
R 83.04280.00	EGF ECONOMIC DEV AUTHORITY	Lot-004 Block-001	111.00	\$8,573.43	\$8,573.43
R 83.04281.00	EGF ECONOMIC DEV AUTHORITY	Lot-005 Block-001	112.00	\$8,650.67	\$8,650.67
R 83.04282.00	EGF ECONOMIC DEV AUTHORITY	Lot-006 Block-001	108.74	\$8,398.89	\$8,398.89
R 83.04283.00	EGF ECONOMIC DEV AUTHORITY	Lot-007 Block-001	112.00	\$8,650.67	\$8,650.67
R 83.04284.00	EGF ECONOMIC DEV AUTHORITY	Lot-008 Block-001	112.00	\$8,650.67	\$8,650.67
R 83.04285.00	PLAYHART PROPERTIES, LLC	Lot-009 Block-001	112.00	\$8,650.67	\$8,650.67
R 83.04286.00	PLAYHART PROPERTIES, LLC	Lot-010 Block-001	116.86	\$9,026.05	\$9,026.05
R 83.04287.00	EGF ECONOMIC DEV AUTHORITY	Lot-001 Block-002	126.26	\$9,752.09	\$9,752.09
R 83.04288.00	EGF ECONOMIC DEV AUTHORITY	Lot-002 Block-002	111.00	\$8,573.43	\$8,573.43
R 83.04289.00	EGF ECONOMIC DEV AUTHORITY	Lot-003 Block-002	111.00	\$8,573.43	\$8,573.43
R 83.04290.00	EGF ECONOMIC DEV AUTHORITY	Lot-004 Block-002	111.00	\$8,573.43	\$8,573.43
R 83.04291.00	EGF ECONOMIC DEV AUTHORITY	Lot-005 Block-002	112.00	\$8,650.67	\$8,650.67
R 83.04292.00	EGF ECONOMIC DEV AUTHORITY	Lot-006 Block-002	108.74	\$8,398.89	\$8,398.89
R 83.04293.00	EGF ECONOMIC DEV AUTHORITY	Lot-007 Block-002	112.00	\$8,650.67	\$8,650.67
R 83.04294.00	EGF ECONOMIC DEV AUTHORITY	Lot-008 Block-002	112.00	\$8,650.67	\$8,650.67
R 83.04295.00	R J ZAVORAL & SONS INC	Lot-009 Block-002	112.00	\$8,650.67	\$8,650.67
R 83.04296.00	R J ZAVORAL & SONS INC	Lot-010 Block-002	116.86	\$9,026.05	\$9,026.05
	<b>SUBTOTAL INDUSTRIAL PARK 2ND ADDITION</b>		<b>2,265.72</b>	<b>175,000.00</b>	<b>175,000.00</b>
	<b>GRAND TOTAL</b>		<b>2,265.72</b>	<b>175,000.00</b>	<b>175,000.00</b>

U. S. DEPARTMENT OF COMMERCE  
Economic Development Administration  
PUBLIC WORKS PROJECT COST CLASSIFICATIONS/  
ECONOMIC ADJUSTMENT ASSISTANCE CONSTRUCTION COMPONENTS

EDA AWARD No. 06-01-05577

State MN

COUNTY Polk

<u>COST CLASSIFICATION</u>	<u>PROPOSED</u>	<u>APPROVED</u>
Administration and legal expenses	\$ 32,900	\$ 32,900
Land, structures, rights-of-way, appraisals, etc.		
Relocation expenses and payments	100	100
Architectural and engineering fees	68,000	68,000
Other architectural and engineering fees	2,000	2,000
Project inspection fees	33,000	34,000
Site Work		
Demolition and removal		
Construction	680,000	680,000
Equipment		
Miscellaneous		
Contingencies	34,000	33,000
<b>TOTAL PROJECT COSTS</b>	<b>\$ 850,000</b>	<b>\$ 850,000</b>

Remarks:

Relocation expenses and payments of \$100 are included as a placeholder of costs to perform the Section M.4 Title Requirements. Project Inspection Fees: Added a fair and reasonable \$1,000 for audit expenses. Contingencies: Adjusted to a fair and reasonable limit.

OCT 03 2011



U.S. DEPARTMENT OF COMMERCE  
Economic Development Administration  
CHICAGO REGIONAL OFFICE  
111 N. CANAL ST., SUITE 855  
CHICAGO, ILLINOIS 60606-7208

Lynn Stauss, Mayor  
City of East Grand Forks  
600 DeMers Avenue  
East Grand Forks, MN 56721-1840

George Wogaman, President  
East Grand Forks Economic Development Authority  
600 DeMers Avenue  
East Grand Forks, MN 56721-1840

Subject: EDA Project No. 06-01-05577  
RE: Authorization to Advertise for Bids

Dear Mayor Stauss and President Wogaman:

We have received a bid package containing plans, specifications, proposed bid documents, and other documentation per the requirement of the EDA Award Special Conditions No. 6 (title certificate), No. 17 (Lead Agent Agreement), upon review we have determined that the documents submitted are in general conformance with the EDA grant requirements. Therefore, we hereby concur with the bid package which can now be released for advertisement subject to the following:

1. The project must be formally advertised to request sealed bids in compliance with the competitive procurement requirements as stated in 15CFR, Part 24.36. The frequency of advertisement should be in compliance with the State and Local guidelines and requirements. The Recipient shall not place unreasonable restrictions on the bidders that could reduce or limit competition in the bidding process.
2. The bid package must incorporate Davis Bacon wage rates. These wage rates can be accessed through the following link: <http://www.wdol.gov/> **Please be advised that the status of these wage rates must be checked 10 days prior to the date of opening bids either at the link provided above or by calling this office. If the referenced wage rates are revised, the same must be incorporated in the bid package through proper addenda procedure and a copy must be provided to EDA for record.**
3. The advertisement process and the timing for awarding of contract must be such that the construction of the project can be completed in compliance with the schedule as stated in Special Condition No. 2 of the Grant Award.
4. Based on the information provided in the documents submitted, it is our

Page 2  
Dear Mayor Stauss and President Wogaman  
East Grand Forks, MN  
EDA Project No. 06-01-05577

understanding that;

- a. The construction work to be accomplished under the EDA eligible project scope for the development of a City-owned industrial park and all related work will be awarded in one contract. The bid form does not include any ineligible construction work or the alternates. Any necessary changes in the construction work after the award of contract must be submitted to EDA through change orders and/or grant amendment process. If the EDA determines that the changes proposed through a change orders or other documentation are outside the scope of the project, and if the City has already undertaken such work prior to that decision, the City will be responsible for all related cost of such work.
- b. Prior to awarding of construction contracts for the EDA Project, the Recipient shall provide evidence satisfactory to the Government that it has obtained a Section 404 permit for this Project from the U.S. Army Corps of Engineers or that a permit is not required. The Recipient shall comply with any conditions of said permit. Refer to EDA Award Special Conditions No. 15.

If you are not in agreement with any of the above conditions please contact this office immediately to resolve your concerns before proceeding with the advertisement process.

The procurement procedure must be in compliance with the requirements of 15 Code of Federal Regulation, Part 14.44. The information to be furnished to bidders shall include EDA approved plans, specifications, applicable addenda to plans and specifications and Equal Employment Opportunity and Davis Bacon Wage Rate requirements.

It should be understood that the EDA review/approval of plans, specifications and related documents is to assure compliance with the terms of the EDA Award and does not imply or attest to the accuracy or completeness of design, dimensions, details, proper selection of materials, or compliance with required codes or ordinances. This responsibility rests with the Recipient of Grant Award.

In order to guide the recipients of EDA Awards through advertisement, contract award, construction and disbursement processes, a comprehensive guide entitled, "*Summary of EDA Construction Standards*" is posted on EDA's website at <http://www.eda.gov/> under Funding Opportunities/Post Award Requirements.

If there are questions regarding the contents of this letter, please contact Mr. Jerry Figliulo at (312) 353-8143, Ext. 148.

Sincerely,



Donald Kathan  
Area Director

# Request for Council Action

Date: December 2, 2011

To: East Grand Forks City Council, Mayor Lynn Stauss, President Craig Buckalew, Council Vice President Wayne Gregoire, Council Members: Marc Demers, Henry Tweten, Greg Leigh, Mike Pokrzywinski and Ron Vonasek.

Cc: File

From: Greg Boppre, P.E.

RE: 2012 TE Sidewalk Project – 10<sup>th</sup> Street NW

**Background:**

At the previous Work Session, the Council asked to investigate the possibility of two(2) separate proposals, the first proposal would be to strip the existing street and the second proposal would be to remove some of the existing street and install the multi-use trail in its place.

**PROPOSAL NO. 1 – SHARED TRAVEL LANE**

According to the MnDOT Bikeway Facility Design Manual, “A shared travel lane may be an appropriate bikeway on some low-speed, low volume streets or roads”, which 10<sup>th</sup> Street NW fits both of those.(see attached manual). Therefore, the attached map identifies the shared travel lane and its effect on the street. In order to accomplish this, the City would have to remove parking from the south side of the street and from the north side, for the westerly half of the block. The pedestrians would use the existing 5’ sidewalk on the north side of the street and the bicyclists would use the street until they reach the west side of 8<sup>th</sup> Avenue NW and proceed northerly to the Greenway Trail system.

I have also discussed this project with Mr. Lou Tasa, DSAE and it was his idea to put the multi-use trail on the street.

**PROJECT COST**

Construction	\$169,237.50
Engineering, Legal, Admin, Contingencies	\$33,847.50
<b>TOTAL</b>	<b>\$169,237.50(see attached)</b>

**PROJECT FUNDING**

MnDOT	\$90,000.00
City of East Grand Forks	\$79,237.50
<b>TOTAL</b>	<b>\$169,237.50</b>

**PROPOSAL NO. 2 – STREET REMOVAL**

This second proposal includes the removal of the existing street to accommodate the 10' multi-use trail. However, for this proposal to work, the off ramp needs to be closed because there is not enough room for the multi-use trail, between the street and the berm. However, if the City chose to close the off ramp, here are the estimates:

**PROJECT COST**

Construction	\$266,000.00
Engineering, Legal, Admin, Contingencies	\$66,500.00
<b>TOTAL</b>	<b>\$332,500.00(see attached)</b>

**PROJECT FUNDING**

MnDOT	\$90,000.00
City of East Grand Forks	\$242,500.00
<b>TOTAL</b>	<b>\$332,500.00</b>

## Recommendation:

Proposal No. 1 is the most feasible, therefore our recommendation is to construct Proposal No. 1.

## Enclosures:

Estimates/drawings for each proposal

Copies of pages from the MnDOT Bikeway Facility Design Manual

**SIDEWALK CONSTRUCTION**  
**10th Street NW and 8th Ave NW**  
**EAST GRAND FORKS**

<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL</b>
2021.501	Mobilization	LS	1	\$5,000.00	\$5,000.00
2104.501	Remove Curb and Gutter	LF	200	\$10.00	\$2,000.00
2104.505	Remove Concrete Pavement	SY	50	\$5.00	\$250.00
2104.509	Remove Sign Panel Type C	EA	10	\$150.00	\$1,500.00
2104.509	Remove Casting	EA	2	\$250.00	\$500.00
2104.511	Sawing Concrete Pavement (Full Depth)	LF	200	\$7.00	\$1,400.00
2104.523	Salvage Sign	EA	10	\$125.00	\$1,250.00
2105.501	Common Excavation (P)	CY	350	\$10.00	\$3,500.00
2105.525	Topsoil Borrow (LV)	CY	100	\$25.00	\$2,500.00
2211.607	Aggregate Base, Class 5	CY	200	\$30.00	\$6,000.00
2301.604	Concrete Pavement 7.0"	SY	50	\$75.00	\$3,750.00
2506.522	Adjust Frame and Ring Casting	EA	2	\$1,000.00	\$2,000.00
2521.501	4" Concrete Walk	SF	10,000	\$6.00	\$60,000.00
2531.501	Concrete Curb and Gutter, Design B624	LF	200	\$25.00	\$5,000.00
2531.618	Truncated Domes	SF	120	\$60.00	\$7,200.00
2563.601	Traffic Control	LS	1	\$5,000.00	\$5,000.00
2564.536	Install Sign Panel	EA	10	\$500.00	\$5,000.00
2564.602	F&I Sign Panel Type C	EA	12	\$500.00	\$6,000.00
2573.530	Storm Drain inlet Protection	EA	7	\$100.00	\$700.00
2575.501	Seeding	SY	600	\$2.00	\$1,200.00
2582.502	4" Solid Line White - Epoxy	LF	1,000	\$5.00	\$5,000.00
2582.502	24" Stop Line White - Epoxy	LF	80	\$8.00	\$640.00
2582.503	Cross-walk Marking - Epoxy	LS	1	\$10,000.00	\$10,000.00
<b>TOTAL CONSTRUCTION COST</b>					<b>\$135,390.00</b>
<b>EALC</b>					<b>\$33,847.50</b>
<b>TOTAL</b>					<b>\$169,237.50</b>

**STREET RECONSTRUCTION**  
**10th Street NW and 8th Ave NW - ALTERNATE**  
**EAST GRAND FORKS**

<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL</b>
2021.501	Mobilization	LS	1	\$5,000.00	\$5,000.00
2104.501	Remove Curb and Gutter	LF	1,100	\$5.00	\$5,500.00
2104.505	Remove Concrete Pavement	SY	900	\$5.00	\$4,500.00
2104.509	Remove Sign Panel Type C	EA	8	\$150.00	\$1,200.00
2104.509	Remove Casting	EA	2	\$250.00	\$500.00
2104.523	Salvage Sign	EA	10	\$125.00	\$1,250.00
2104.511	Sawing Concrete Pavement (Full Depth)	LF	1,000	\$7.00	\$7,000.00
2105.501	Common Excavation (P)	CY	450	\$6.00	\$2,700.00
2105.525	Topsoil Borrow (LV)	CY	100	\$15.00	\$1,500.00
2211.607	Aggregate Base	CY	325	\$30.00	\$9,750.00
2301.604	Concrete Pavement 7.0"	SY	100	\$75.00	\$7,500.00
2506.522	Adjust Frame and Ring Casting	EA	2	\$1,000.00	\$2,000.00
2521.501	4" Concrete Walk	SF	19,500	\$8.00	\$156,000.00
2531.501	Concrete Curb and Gutter, Design B624	LF	1,100	\$25.00	\$27,500.00
2531.618	Truncated Domes	SF	120	\$60.00	\$7,200.00
2563.601	Traffic Control	LS	1	\$10,000.00	\$10,000.00
2564.536	Install Sign Panel	EA	10	\$500.00	\$5,000.00
2564.602	F&I Sign Panel Type C	EA	12	\$500.00	\$6,000.00
2573.530	Storm Drain inlet Protection	EA	7	\$100.00	\$700.00
2575.501	Seeding	SY	600	\$2.00	\$1,200.00
2582.502	4" Solid Line White - Epoxy	LF	1,000	\$4.00	\$4,000.00
2582.502	24" Stop Line White - Epoxy	LF	80	\$8.00	\$640.00
2582.503	Cross-walk Marking - Epoxy	LS	1	\$10,000.00	\$10,000.00
<b>TOTAL CONSTRUCTION COST</b>					<b>\$266,000.00</b>
<b>EALC</b>					<b>\$66,500.00</b>
<b>TOTAL</b>					<b>\$332,500.00</b>

The following four basic types of on-road bikeways are discussed in this chapter:

### **Bicycle Lane (Bike Lane):**

A bike lane is a portion of the roadway or shoulder designated for exclusive or preferential use by people using bicycles. Bicycle lanes are distinguished from the portion of the roadway or shoulder used for motor vehicle traffic by striping, marking, or other similar techniques.

### **Paved Shoulder:**

The shoulder is the edge or border of a roadway that is contiguous with, and on the same level as, the regularly traveled lanes. Bicyclists require a paved surface for operation. Any unpaved shoulder width does not accommodate bicycles. The width of a shoulder bikeway and separation from the travel lane depend primarily on roadway motor vehicle speed and traffic volume.

### **Shared Lane:**

On any roadway where a bicycle may legally be operated, bicycles may need to share a travel lane with motor vehicles if the road does not have a bike lane, a paved shoulder or a separate shared-use path. A shared travel lane may be an appropriate bikeway on some low-speed, low-volume streets or roads. Where a shared lane is intended to be part of a bike route, it should be signed as a bikeway to direct bicyclists and inform motorists. Standard travel lanes are typically 3.3 – 3.6 m (**11 – 12 ft**) wide, but may vary.

### **Wide Outside Lane:**

A wide outside lane (the right-most through traffic lane) is shared by bicyclists and motorists but designed with extra width to accommodate bicycles. A wide outside lane should be no less than 4.2 m (**14 ft**) and no more than 4.8 m (**16 ft**) wide.

## **4-2.0 Selecting a Bikeway Design**

For new designs as well as retrofitting, there are a few key factors that are used to determine appropriate bikeway design.

For a given type of roadway cross section, motor vehicle speed and average daily traffic volume are the first factors to look at in the process of selecting a bikeway design treatment. However, bikeway design is influenced by other geometric and operational factors including the following:

- On-street parking
- Intersections and driveways
- Right-of-way constraints
- Vehicle turn lane configuration
- Number of traffic lanes
- Topography, grades, sight distances and sight lines
- Traffic composition, especially volume of large trucks

Motor Vehicle ADT (2 Lane)		<500	500-1,000	1,000-2,000	2,000-5,000	5,000-10,000	>10,000
Motor Vehicle ADT (4 Lane)		N/A	N/A	2,000-4,000	4,000-10,000	10,000-20,000	>20,000
Motor Vehicle Speed	25 mph	SL	WOL	WOL	WOL	BL = 5 ft	Not Applicable
	30 mph	SL with sign	WOL	BL = 5 ft	BL = 5 ft	BL = 6 ft	BL = 6 ft
	35 - 40 mph	WOL	BL = 5 ft	BL = 5 ft	BL = 6 ft	BL = 6 ft	BL = 6 ft or PS = 8 ft
	45 mph and greater	BL = 5 ft	BL = 5 ft	BL = 6 ft	BL = 6 ft	BL = 6 ft or PS = 8 ft	SUP or PS = 10 ft
BL = Bicycle Lane, SL = Shared Lane, WOL = Wide Outside Lane, SUP = Shared-Use Path, PS = Paved Shoulder							

Motor Vehicle ADT (2 Lane)		<500	500-1,000	1,000-2,000	2,000-5,000	5,000-10,000	>10,000
Motor Vehicle ADT (4 Lane)		N/A	N/A	2,000-4,000	4,000-10,000	10,000-20,000	>20,000
Motor Vehicle Speed	25 mph	PS = 4 ft* or SL	PS = 4 ft* or SL	PS = 4 ft* or WOL	PS = 4 ft*	PS = 4 ft*	Not Applicable
	30 mph	PS = 4 ft* or SL	PS = 4 ft* or WOL	PS = 4 ft*	PS = 4 ft*	PS = 6 ft	PS = 6 ft
	35 - 40 mph	PS = 4 ft* or SL	PS = 4 ft* or WOL	PS = 6 ft	PS = 6 ft	PS = 6 ft	PS = 8 ft
	45 mph and greater	PS = 4 ft*	PS = 4 ft*	PS = 6 ft	PS = 8 ft	PS = 8 ft	SUP or PS = 10 ft
* See discussion in Section 4-3.1 regarding rumble strips on 4-foot shoulders. PS = Paved Shoulder, SL = Shared Lane, SUP = Shared-Use Path, WOL = Wide Outside Lane							

Refer to Section 4-2.1 for additional geometric and operation factors.

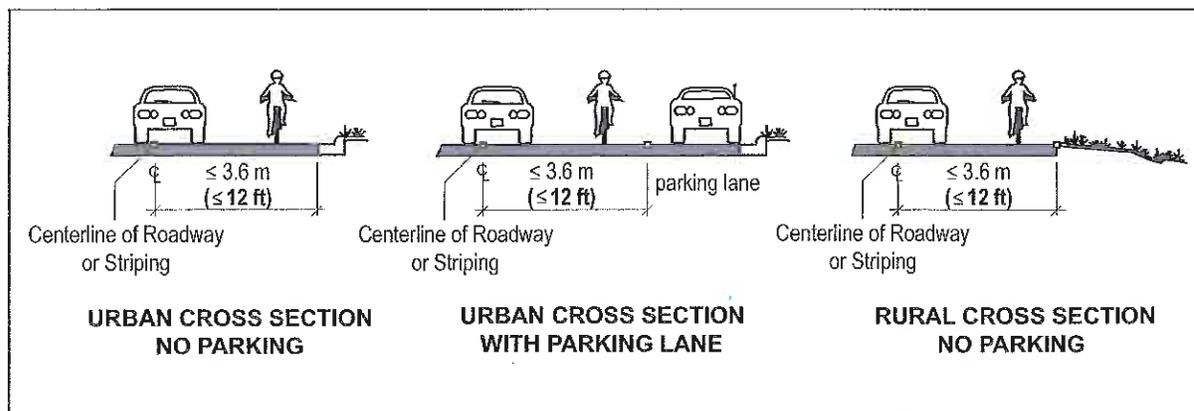
### 4-3.7 Shared Lanes

Shared lanes are streets and highways with no special provision on the roadway for bicyclists, as shown in Figure 4-22. Shared lanes often feature 3.6 m (**12 ft**) lane widths or less with no shoulders, allowing cars to pass bicyclists only by crossing the centerline or moving into another traffic lane. **In residential areas with low motor vehicle traffic volumes and posted speeds of less than or equal to 48 km/h (30 mph), shared lanes are normally adequate for bicyclists to use.** With higher speeds and traffic volumes, shared lanes become less attractive to basic bicyclists.



**Figure 4-22:**  
**Non-Marked Shared Lane**

Shared lanes are not typically signed as bicycle routes. Signage may be needed when specific destinations or potential alternate routes for bicyclists need to be shown, or on roads that bridge a gap between two designated bike routes. Application of *MN MUTCD* Series R7 and/or R8 “No Parking” signage may also be appropriate. Figure 4-23 illustrates shared lanes on three typical roadway types. Figure 4-24 illustrates a shared lane on an urban (curb and gutter) cross section roadway with no on-street parking.



**Figure 4-23:**  
**Typical Roadways with Shared Lanes**



DATE	12/02/11	PROJECT	Proposed Shared Use Path - 6th Ave NW to 12th Street NW
BY	MBA	SCALE	AS SHOWN
DATE	05/20/09	PROJECT	10th Street NW
BY	GLB	SCALE	
DATE	05/20/09	PROJECT	10th Street NW
BY	GLB	SCALE	
DATE	05/20/09	PROJECT	10th Street NW
BY	GLB	SCALE	
DATE	05/20/09	PROJECT	10th Street NW
BY	GLB	SCALE	
DATE	05/20/09	PROJECT	10th Street NW
BY	GLB	SCALE	

DESIGNED BY: [Name]  
 DRAWN BY: [Name]  
 CHECKED BY: [Name]  
 DATE: 12/02/11

PROJECT: Proposed Shared Use Path - 6th Ave NW to 12th Street NW  
 LOCATION: East Grand Forks, Minnesota

SCALE: 1" = 100'  
 NORTH ARROW

US TH No. 2



# Work Session Item

Date: December 13, 2011  
 To: East Grand Forks City Council and Mayor Lynn Stauss  
 Cc: File  
 From: Nancy Ellis, GF/EGF MPO Senior Planner  
 RE: 2014-2015 TE Proposal and use of transit funds

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## Recommendation:

Consider using transit funding for a 6' sidewalk in the MnDOT R-O-W (east side of Hwy 220) from 14<sup>th</sup> St. NE to 20<sup>th</sup> St. NE. Also, consideration of proposed 2014-2015 TE project to construct a sidewalk on the north side of 20<sup>th</sup> St. NE from Hwy 220 to 5<sup>th</sup> Ave NE and then travel south on the east side of 5<sup>th</sup> Ave NE from 20<sup>th</sup> St. NE to 15<sup>th</sup> St. NE.

## Request:

### Transit funds available for project

At the last work session I had presented the TE proposal of a 8' multipurpose path on the west side of 5<sup>th</sup> Ave NE (funding and construction in either 2014 or 2015). However at the meeting, I was asked to consider instead submitting an application to continue the 8' multipurpose path within the east R-O-W of Hwy 220 up to the College. This was the proposal you wanted the City to pursue first.

Part of my reasoning for not pursuing this path was the redundancy of this project to a project we will construct and build with TE funding in 2013. We are building a multipurpose path on the west side of 220 in the R-O-W from the Central/220 intersection to 23<sup>rd</sup> St. NW. The ATP will see that we have already addressed bike/ped travel along this corridor and may not fund a similar path on the east side. However, we do have another option to fund the continuation of this path and still apply for a ped facility along 5<sup>th</sup> Ave NE with TE funding. I will explain below.

At a past work session, it was discussed that there is transit money available to use for capital projects, specifically sidewalk projects along or near transit routes, within the City of East Grand Forks. A path or sidewalk within the east Hwy 220 R-O-W would qualify for these transit monies.

Therefore, the MPO is proposing to use the transit funds we have available to build a 6' sidewalk in the east Hwy 220 R-O-W from the end of the path on 14<sup>th</sup> St NE to the north side of 20<sup>th</sup> St. NE, connecting the new path to the College. With this project we are able to use the transit funds for 80% of the total cost ~ this includes soft costs. I have attached a cost estimate and a drawing for you to review.

TOTAL PROJECT COST INCLUDING SOFT COSTS:	\$276,315.00
80% OF ESTIMATE ELIGIBLE FOR FUNDING:	\$221,052
AMOUNT THE CITY MUST MATCH:	<b>\$55,263</b>

We currently have \$254,560 in Federal Transit dollars available for the project. This will leave some funding for other possible transit related items, shelters or connections to other facilities.

Proposed TE Project

If you decide to use the transit funds for this proposal; we can then as a City, submit the TE proposal I presented on November 15 with a few changes. We are proposing that we ask for a sidewalk along the north side of 20<sup>th</sup> St. NE from Hwy 220 to 5<sup>th</sup> Ave NE that then turns and heads down the east side of 5<sup>th</sup> Ave NE from 20<sup>th</sup> St. NE to just past 15<sup>th</sup> St. NE. This will not be the 8' path as it was first proposed nor will it run down the west side (Itts Williams/mobile park side). The east side is easier to construct and we do not remove numerous trees located between the mobile home park and street. It will, however, provide a great connection to the proposed transit project -to the College - to the Apartments - to a potential new sidewalk along 15<sup>th</sup> St. NE - and back to the possible new sidewalk built with the transit funds. A cost estimate and drawing are included for this proposal as well. Please remember that soft costs cannot be included in the TE funding amount and we can only request 80% of the construction costs. The City must cover the 20% match plus the soft costs.

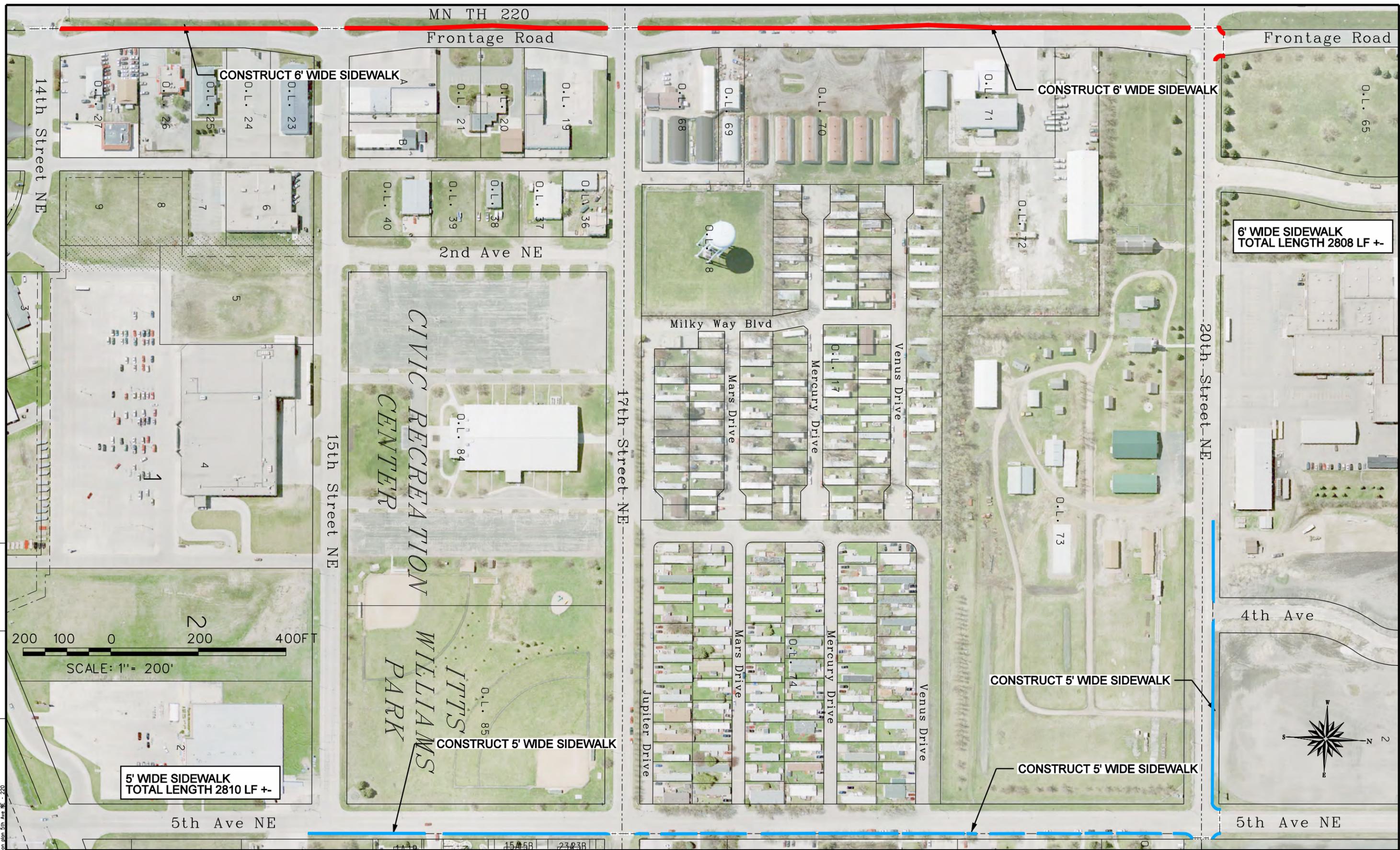
TOTAL PROJECT COST INCLUDING SOFT COSTS:	\$289,055
CONSTRUCTION COSTS (TE ELIGIBLE):	\$222,350
80% OF CONSTRUCTION COST ~ ELIGIBLE FOR FUNDING:	\$177,880
AMOUNT THE CITY MUST MATCH PLUS SOFT COSTS:	<b>\$111,175</b>

**SIDEWALK CONSTRUCTION**  
**TH220 - 14th Street NE to 20th Street NE**  
**EAST GRAND FORKS**

<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL</b>
2021.501	Mobilization	LS	1	\$5,000.00	\$5,000.00
2104.501	Remove Curb and Gutter	LF	160	\$10.00	\$1,600.00
2104.505	Remove Concrete Pavement	SY	80	\$5.00	\$400.00
2104.509	Remove Sign Panel Type C	EA	6	\$150.00	\$900.00
2104.509	Remove Casting	EA	2	\$250.00	\$500.00
2104.511	Sawing Concrete Pavement (Full Depth)	LF	200	\$7.00	\$1,400.00
2104.523	Salvage Sign	EA	6	\$125.00	\$750.00
2105.501	Common Excavation (P)	CY	800	\$10.00	\$8,000.00
2105.525	Topsoil Borrow (LV)	CY	100	\$25.00	\$2,500.00
2211.607	Aggregate Base, Class 5	CY	350	\$30.00	\$10,500.00
2301.604	Concrete Pavement 7.0"	SY	80	\$75.00	\$6,000.00
2504.602	Adjust Gate Valve & Box	EA	4	\$300.00	\$1,200.00
2506.522	Adjust Frame and Ring Casting	EA	3	\$1,000.00	\$3,000.00
2521.501	4" Concrete Walk	SF	15,750	\$8.00	\$126,000.00
2531.501	Concrete Curb and Gutter, Design B624	LF	160	\$25.00	\$4,000.00
2531.618	Truncated Domes	SF	120	\$60.00	\$7,200.00
2563.601	Traffic Control	LS	1	\$10,000.00	\$10,000.00
2564.536	Install Sign Panel	EA	6	\$500.00	\$3,000.00
2564.602	F&I Sign Panel Type C	EA	12	\$500.00	\$6,000.00
2573.530	Storm Drain inlet Protection	EA	6	\$100.00	\$600.00
2575.501	Seeding	SY	2000	\$2.00	\$4,000.00
2582.502	Cross-walk Marking - Epoxy	LS	1	\$10,000.00	\$10,000.00
<b>TOTAL CONSTRUCTION COST</b>					<b>\$212,550.00</b>
<b>EALC</b>					<b>\$63,765.00</b>
<b>TOTAL</b>					<b>\$276,315.00</b>

**SIDEWALK CONSTRUCTION  
20th Street NE and 5th Ave NE  
EAST GRAND FORKS**

<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL</b>
2021.501	Mobilization	LS	1	\$5,000.00	\$5,000.00
2104.501	Remove Curb and Gutter	LF	200	\$10.00	\$2,000.00
2104.505	Remove Concrete Pavement	SY	100	\$5.00	\$500.00
2104.505	Remove Concrete Driveway Pavement	SY	300	\$6.00	\$1,800.00
2104.509	Remove Sign Panel Type C	EA	10	\$150.00	\$1,500.00
2104.509	Remove Casting	EA	4	\$250.00	\$1,000.00
2104.511	Sawing Concrete Pavement (Full Depth)	LF	200	\$7.00	\$1,400.00
2104.523	Salvage Sign	EA	10	\$125.00	\$1,250.00
2105.501	Common Excavation (P)	CY	450	\$10.00	\$4,500.00
2105.525	Topsoil Borrow (LV)	CY	100	\$25.00	\$2,500.00
2211.607	Aggregate Base, Class 5	CY	300	\$30.00	\$9,000.00
2301.604	Concrete Pavement 7.0"	SY	100	\$75.00	\$7,500.00
2504.602	Adjust Gate Valve & Box	EA	4	\$300.00	\$1,200.00
2506.522	Adjust Frame and Ring Casting	EA	3	\$1,000.00	\$3,000.00
2521.501	4" Concrete Walk	SF	14,000	\$8.00	\$112,000.00
2531.501	Concrete Curb and Gutter, Design B624	LF	200	\$25.00	\$5,000.00
2531.507	6" Concrete Driveway Pavement	SY	300	\$50.00	\$15,000.00
2531.618	Truncated Domes	SF	120	\$60.00	\$7,200.00
2563.601	Traffic Control	LS	1	\$10,000.00	\$10,000.00
2564.536	Install Sign Panel	EA	10	\$500.00	\$5,000.00
2564.602	F&I Sign Panel Type C	EA	12	\$500.00	\$6,000.00
2571.610	Tree Pruning	HR	60	\$80.00	\$4,800.00
2573.530	Storm Drain inlet Protection	EA	12	\$100.00	\$1,200.00
2575.501	Seeding	SY	2000	\$2.00	\$4,000.00
2582.502	Cross-walk Marking - Epoxy	LS	1	\$10,000.00	\$10,000.00
<b>TOTAL CONSTRUCTION COST</b>					<b>\$222,350.00</b>
<b>EALC</b>					<b>\$66,705.00</b>
<b>TOTAL</b>					<b>\$289,055.00</b>



CONSTRUCT 6' WIDE SIDEWALK

CONSTRUCT 6' WIDE SIDEWALK

6' WIDE SIDEWALK  
TOTAL LENGTH 2808 LF +/-

5' WIDE SIDEWALK  
TOTAL LENGTH 2810 LF +/-

CONSTRUCT 5' WIDE SIDEWALK

CONSTRUCT 5' WIDE SIDEWALK

CONSTRUCT 5' WIDE SIDEWALK

ORIGINAL SURVEY	DATE	BY
FELBROOK		
STAMPING	DATE	BY
FELBROOK		
AS-BUILT	DATE	BY
FELBROOK		

SCALE: 1" = 200'

200 100 0 200 400FT

MODEL: construction plan 5th Ave NE - 220  
 12/5/2011

DESIGNED BY	DATE	12/05/11
DRAWN BY	FILE NAME	12 TE SW 5th ave ne.dgn
CHECKED BY	SCALE	AS SHOWN
GLB		

**Proposed Sidewalks - 14th Street NE to 20th Street NE**  
**East Grand Forks, Minnesota**  
**5th Avenue NE / TH 220**

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Signature: \_\_\_\_\_ Typed or Printed Name: \_\_\_\_\_  
 Date: \_\_\_\_\_ Lic. No. \_\_\_\_\_

	(218) 773-1185 FAX: (218) 773-3348 1600 Central Ave. NE East Grand Forks, Minnesota www.fs-mn.com	DRAWING NUMBER
	Copyright © 2010 FS Engineering	<b>P1-P2</b>

# Request for Council Action

**Date:** December 13, 2011

**To:** East Grand Forks City Council and Mayor Lynn Stauss

**From:** Teri Kouba, Planner – Grand Forks-East Grand Forks MPO

**RE:** Transit Development Plan Update

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## **GENERAL INFORMATION:**

Every 5 years as a part of the MPO's Long Range Transportation Plan the MPO does a Transit Development Plan (TDP). The TDP looks to see if there are any problems, gaps, and where the transit system is financially for the next 5 years. This update was started in April of this year. We have a steering committee that gives input as well as holding open public meetings for information to be presented and to be commented on by the public. We will be holding our third set of public meetings Dec. 14 & 15 in Grand Forks and in East Grand Forks. We are presenting some ideas to the public to get their input on them and to get ideas from the public. Once this is done we will be getting a draft of the TDP out to the public and Councils sometime in January. This presentation will bring the Council up to date as to the finds of the TDP so far.

## **RECOMMENDATION:**

For the Council's information.

## **Support Material:**

- Presentation

## Grand Forks-East Grand Forks Transit Development Plan (TDP)



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- Overview of Gaps in the System being Addressed:
  - From public input
  - From assessing system relative to others
  - From reviewing each route relative to others
- How are we Addressing Gaps?
  - Assumptions
  - Ideas
  - How are Options being Measured?
- Next Steps & Closing Remarks



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## Gaps Identified Through Public Input



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### Summary of the Public Meetings (What are Needs?)

Identified Need	Votes by Level of Issues Significance			
	1 <sup>st</sup> (Red)	2 <sup>nd</sup> (Green)	3 <sup>rd</sup> (Yellow)	4 <sup>th</sup> (Blue)
<b>Night Service Improvements:</b>				
• More frequency (more than one bus per hour) is needed during the current hours	3	3	2	1
• Ending service at 10:00 PM is too early for second shift workers to get home				
<b>Early Morning Service</b>	0	0	1	0
<b>Fares:</b>				
• Fixed income persons have difficulty paying the current fare (fixed route and DAR)	0	0	0	2
<b>Extend Service:</b>				
• Need service to/from airport (missing a market)				
• Connections to AmTrak service	1	1	0	0
(What are the opportunities to develop partnerships with other transportation services – air, intercity carriers, etc.)				
<b>Determine whether the Real Travel Generators are Adequately Served:</b>				
• Medical	2	0	0	0
• Schools				
• Employment areas				
• Senior Centers				
<b>Make Sure New Populations (New Americans) are Considered:</b>				
• Where do they live?	0	3	0	0
• Where do they work?				
• Are they going to school? (Where?)				
• Are there language barriers?				
• Are there unique time of day requirements?				

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### Summary of the Public Meetings (What are Needs?)

Identified Need	Votes by Level of Issues Significance			
	1 <sup>st</sup> (Red)	2 <sup>nd</sup> (Green)	3 <sup>rd</sup> (Yellow)	4 <sup>th</sup> (Blue)
<b>Sunday Service</b>	0	0	1	0
<b>Increased Signage Regarding:</b>				
• Routes	0	0	0	0
• Schedules				
<b>Improve On-time Performance:</b>				
• Can stops be consolidated without reducing service? (Note: 1-4 <sup>th</sup> priority vote used to state stops should NOT be consolidated)	0	1	1	0
• Can/should routes be changed to improve ability to stay on schedule?				
<b>Need to Emphasize the Importance of the Community Role Transit Service Plays:</b>				
• Fixed Route	0	1	1	0
• Dial-a-Ride				
<b>Cab Companies that Provide Transit Service – Need More Wheelchair Accessibility</b>	0	0	0	0
<b>Better Integration with Other Modes:</b>				
• Bikes (Coordinate stops with trail heads, routes with bike corridors)	4	1	2	2
<b>Improve Connectivity Between Grand Forks and East Grand Forks</b>	0	0	1	1
<b>Increase the Level of Public Information:</b>				
• How to use transit	0	1	2	2
• Availability/Routes				
• Alternate services/rules for use				

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### Summary of the Public Meetings (What are Needs?)

Identified Need	Votes by Level of Issues Significance			
	1 <sup>st</sup> (Red)	2 <sup>nd</sup> (Green)	3 <sup>rd</sup> (Yellow)	4 <sup>th</sup> (Blue)
<b>Provide (if feasible) Peak Period Express Service between High Activity Areas:</b>				
• Industrial parks	0	0	0	0
• Altru Hospital				
• Altru Business Center				
• Downtown Grand Forks				
(First need to identify feasible generators)				
<b>Reduce Indirectness of Service Travel:</b>				
• Add hubs in other parts of region and provide express/limited stop service between	0	2	3	2
<b>Improve Accessibility:</b>				
• Better snow removal at intersections/stops	3	2	0	0
• All stops/routes should have sidewalks				
• For areas like the shopping mall or discount centers (Target/Walmart) buses need to pick-up/drop-off closer to the door – currently need to cross large lots – Not easy for many				
<b>Increase the Level of Respect Provided to Persons with Disabilities:</b>				
• They are people, not wheel chairs – Many times persons in wheel chairs are perceived as the reason buses are late – Need to determine real impact as may very well not impact on-time performance.	0	0	0	2

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### Summary of the Public Meetings (What are Needs?)

Identified Need	Votes by Level of Issues Significance			
	1 <sup>st</sup> (Red)	2 <sup>nd</sup> (Green)	3 <sup>rd</sup> (Yellow)	4 <sup>th</sup> (Blue)
Address Cost Control: <ul style="list-style-type: none"> <li>Fares getting too high</li> <li>Overall service costs – Transit is using taxpayer dollars, so need to be sure are effective/ efficient</li> </ul>	0	0	0	0
Use Technology to Improve Service/Information Dissemination: <ul style="list-style-type: none"> <li>Provide bus location information via mobile phones</li> </ul>	2	0	1	2
<b>Total Votes Identified</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>14</b>

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### Gaps Identified Through Reviewing Existing

RELATIVE TO:  
GENERAL GOALS  
PEER COMMUNITIES  
INDIVIDUAL ROUTES

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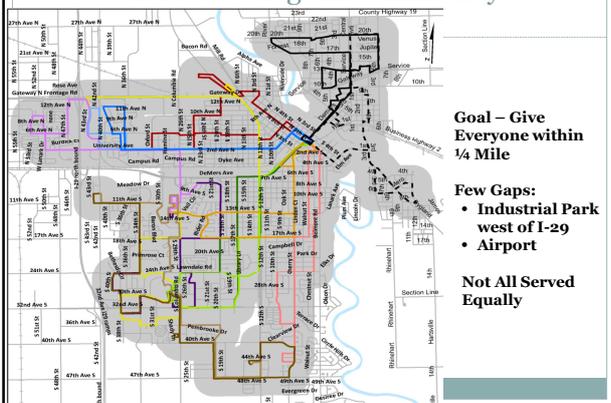
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### Service Coverage in Community?




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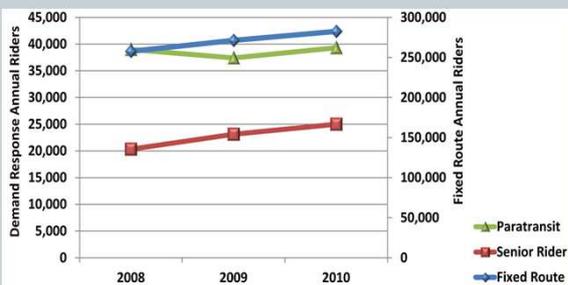
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### Annual Ridership (2008 – 2010)




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### Dial-a-Ride Service Comparison

Year	Location	Dial-A-Ride Ride			Dial-A-Ride - University of North Dakota Student			Senior Rider	Dial-a-Ride Total
		Passengers	Personal Care Assistants	Total	Passengers	Personal Care Assistants	Total		
2008	Grand Forks	33,226	1,036	34,262	718	6	724	16,846	51,832
	East Grand Forks	485	27	512	0	0	0	369	881
	Metro	3,972	253	4,225	2	0	2	3,113	7,340
	<b>Totals</b>	<b>37,683</b>	<b>1,316</b>	<b>38,999</b>	<b>720</b>	<b>6</b>	<b>726</b>	<b>20,328</b>	<b>60,053</b>
2009	Grand Forks	32,389	670	33,059	1,085	9	1,094	19,700	53,853
	East Grand Forks	409	52	461	0	0	0	795	1,256
	Metro	3,677	211	3,888	0	0	0	2,633	6,521
	<b>Totals</b>	<b>36,475</b>	<b>933</b>	<b>37,408</b>	<b>1,085</b>	<b>9</b>	<b>1,094</b>	<b>23,128</b>	<b>61,630</b>
2010	Grand Forks	33,628	791	34,419	915	12	927	21,831	57,177
	East Grand Forks	345	36	381	0	0	0	622	1,003
	Metro	4,279	235	4,514	0	0	0	2,546	7,060
	<b>Totals</b>	<b>38,252</b>	<b>1,062</b>	<b>39,314</b>	<b>915</b>	<b>12</b>	<b>927</b>	<b>24,999</b>	<b>65,240</b>

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### Route Level Data (2008-11)

Route Pair	Annual Ridership			First Half of Year Ridership				2011			
	2008	2009	2010	2008	2009	2010	2011	Total Hours	Revenue Hours	Total Miles	Revenue Miles
1-2 (Red)	27,819	25,751	26,075	14,659	14,292	13,068	14,818	3,579	3,427	52,036	49,251
3 (Orange)	52,661	53,521	55,146	26,200	27,248	26,243	31,582	3,473	3,421	52,054	50,126
4-6 (Blue)	53,348	55,467	53,400	25,401	31,009	26,323	30,095	3,469	3,432	50,724	49,345
5-7 (Green)	56,530	59,618	64,411	27,436	29,629	30,494	34,921	3,406	3,357	44,858	43,768
8-9 (Purple)	23,063	26,454	33,258	10,845	14,499	15,695	24,620	3,415	3,360	50,345	48,936
12-13 (Brown)	5,015	8,281	6,620	1,826	4,616	3,382	4,099	3,596	3,577	54,081	53,163
10-11 (Black)	20,840	23,616	25,355	10,630	12,542	12,879	13,879	3,363	3,214	54,436	52,049
Night Route	11,297	10,426	10,546	5,761	4,967	5,407	5,739	1,245	1,071	22,063	20,227
HC Tripper	7,121	8,217	7,794	3,976	4,006	3,914	3,156	526	249	8,458	4,699
<b>Totals</b>	<b>257,694</b>	<b>271,451</b>	<b>282,627</b>	<b>126,935</b>	<b>142,808</b>	<b>137,405</b>	<b>162,909</b>	<b>26,073</b>	<b>25,208</b>	<b>389,054</b>	<b>371,565</b>

Source: Grand Forks Transit, 2011

- Best Performers:**
- 30 Minute Service
  - Connect Multiple High Intensity Uses

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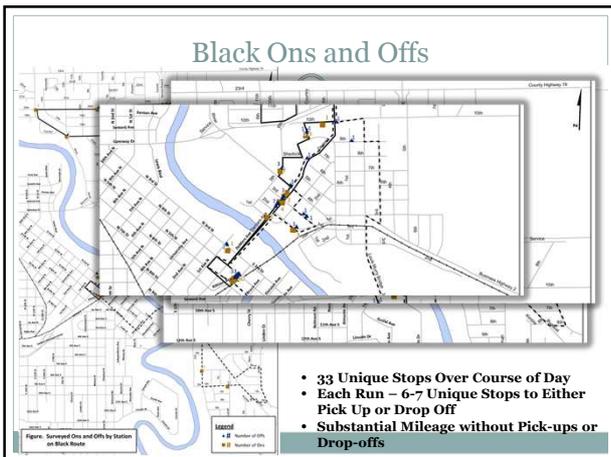
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### General Conclusions

- Areas to Focus on:
  - Does Current System Support the Market?
    - × Service Areas
    - × Frequency
    - × Hours
  - How Does “Flag Stop” Impact Efficiency/Ridership
  - Bottlenecks:
    - × On-street Congestion
    - × Off-street Operations
- Areas to Focus on:
  - Senior Rider Program:
    - × Costs
    - × Impact on Paratransit
    - × Feasibility to convert to Fixed Route
  - Costs-Ridership:
    - × Sunday
    - × Extended Weekday Hours (Night Service)

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### General Conclusions

- Areas to Focus on:
  - Coordination:
    - × Development Plans/LRTP
    - × Construction Plans/Activities
    - × Human Services Transportation Providers
  - Cost Allocation and Access to Federal Grant Dollars
  - Education-Education-Education
- Areas to Focus on:
  - On-time Performance

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### Ideas Being Considered

- **Convert to Designated Stops:**
  - Improve on-time performance
  - Safety Improvement
- **Reduce Poor Performing Service:**
  - Weekday: Brown
- **Revise Poor Performing Service/Routes:**
  - Saturday Service
  - Routes that cannot Stay On-time (Shorten miles, Reduce Stops)
  - Low Ridership Routes
- **Reduce Time in Parking Areas:**
  - Altru
  - Columbia Mall
- **Address Gaps:**
  - Sunday Service
  - Later Evening Service
  - Early Morning Service
- **Coordinate Service with Developments:**
  - Wellness Center
  - Residential/Employment Areas not in Service Area (Establish Policy for New Service)

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### Ideas Being Considered

- **Define Coordination with Alt. Modes:**
  - Bikes Racks on Bus
  - Racks at Stops/Shelters
  - Coordinate with Trails/Trailheads
- **Review how Local Changes may Impact Regional Service**
- **Senior Rider Service:**
  - Can Some Riders Switch to Fixed Route?
  - Is there Overlap between Paratransit and Senior Rider?
- **Potential for Increasing Revenue:**
  - Fares
  - Property Tax Levy
  - State Funding
- **Potential Reductions in Federal Funding:**
  - What are Implications?

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# Request for Council Action

Date: December 7, 2011

To: East Grand Forks City Council, Mayor Lynn Stauss, President Craig Buckalew, Council Vice President Wayne Gregoire, Council members: Marc DeMers, Ron Vonasek, Henry Tweten, Greg Leigh and Mike Pokrzywinski

Cc: File

From: Karla Anderson, Finance Director

RE: Waste Water Rate Increase

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## Background and Supporting Documentation of request:

The City is projecting that there will be a substantial investment in Waste Water II treatment project in the future. The recommendation of the Waste Water task force is to increase the rate as of April 1, 2012. This rate is approximately a 25% increase to both the residential and commercial rate. This rate increase will generate approximately \$250,000 more of revenue yearly that could be reserved for the Waste Water Phase II treatment project.

**RESOLUTION NO. 11 - 12 - XX**

**RESOLUTION ADJUSTING WASTE WATER RATES**

Council Member \_\_\_\_\_, supported by Council Member \_\_\_\_\_, introduced the following resolution and moved its adoption:

WHEREAS, the City Council of the City of East Grand Forks last adjusted the waste water rates on January 1, 2009, and eliminated the commercial usage break on January 1, 2010 ; and

WHEREAS, the City Council of the City of East Grand Forks has discussed wastewater improvements and in preparation for future wastewater projects;

WHEREAS, the proposed adjustment of the waste water rate schedule would increase revenue by approximately \$250,000 per year that could be reserved for the Waste Water Phase II treatment project;

BE IT RESOLVED by the City Council of the City of East Grand Forks, Minnesota that the following monthly sewage rates/adjustments are hereby adopted and ordered implemented April 1, 2011:

1. Adjust the Residential Meter Capacity Base Rate from \$10 to \$12.
2. Adjust the Apartment unit rate to from \$10 to \$12.
3. Adjust the Residential Usage rate from 50% of the water usage to 65%.
4. Adjust the Commercial Usage rate from 75% of the water usage to 95%.

Voting Aye:  
Voting Nay:  
Absent:

The President declared the resolution passed.

Passed: \_\_\_\_\_

Attest:

\_\_\_\_\_  
City Administrator/Clerk-Treasurer

\_\_\_\_\_  
President of Council

I hereby approve the foregoing resolution this \_\_\_\_ of \_\_\_\_\_, 2011.

\_\_\_\_\_  
Mayor

City of East Grand Forks, Minnesota  
12/6/2011  
Schedule of Operating Income (Loss) and Cash Flow

	Actual 2009	Actual 2010	Budget 2011	Budget 2012	Estimate 2013	Estimate 2014	Estimate 2015	Estimate 2016	Estimate 2017	Estimate 2018
<b>Operating Revenues:</b>										
Sewage Charges	\$965,217	\$986,414	\$951,000	\$1,207,878	\$1,279,672	\$1,301,071	\$1,323,114	\$1,440,210	\$1,463,593	\$1,487,678
Other Revenue	39,141	36,759	31,000	52,426	62,626	74,175	86,084	38,364	35,753	33,050
Total Operating Revenues	1,004,358	1,023,173	982,000	1,260,304	1,342,298	1,375,246	1,409,196	1,478,574	1,499,346	1,520,728
<b>Operating Expenses:</b>										
Cost of Sales	350,758	321,029	487,626	404,464	416,598	429,096	441,969	455,228	468,885	482,952
Administration	53,390	82,005	86,411	79,833	82,228	84,695	87,236	89,853	92,549	95,325
Depreciation	261,582	288,147	329,000	329,000	329,000	329,000	329,000	592,303	592,303	592,303
Phosphorus expense								300,000	309,000	318,270
Total Operating Expenses	665,730	691,181	903,037	813,297	827,826	842,791	1,121,508	1,437,384	1,462,737	1,488,850
Operating Income (Loss)	338,628	331,992	78,963	447,007	514,472	532,455	287,688	41,190	36,609	31,878
<b>Cash Flow:</b>										
Operating income (loss)	338,628	331,992	78,963	447,007	514,472	532,455	287,688	41,190	36,609	31,878
Add:										
Depreciation	261,391	288,147	329,000	329,000	329,000	329,000	329,000	592,303	592,303	592,303
Debt issuance								10,165,139		
Subtract:										
Capital Outlay-debt	(60,598)	(322,073)	(266,000)	(266,000)	(266,000)	(266,000)	(266,000)	(764,053)	(764,053)	(764,053)
Capital Outlay-cash	(589,421)	(298,068)	(141,983)	(510,007)	(577,472)	(595,455)	(2,368,009)	(138,550)	(135,141)	(139,873)
Debt payment										
Net cash flow	952,756	952,756	2,329,314	2,471,277	2,981,284	3,558,756	4,154,210	1,768,201	1,637,641	1,502,499
Beginning cash										
Ending cash		\$ 2,329,314	\$ 2,471,277	\$ 2,981,284	\$ 3,558,756	\$ 4,154,210	\$ 4,768,201	\$ 6,536,401	\$ 8,174,042	\$ 9,676,541
Fund Balance 35%		\$ 316,063	\$ 284,564	\$ 289,739	\$ 294,977	\$ 392,528	\$ 593,084	\$ 511,958	\$ 524,097	\$ 524,097
<b>NONOPERATING REVENUES (EXPENSES):</b>										
Interest Revenue	36,150	34,881	28,000	49,426	59,626	71,175	83,084	36,364	32,753	30,050
Miscellaneous	2,991	2,078	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Loss on Disposal of Asset										
Total Nonoperating Revenues (Expenses)	39,141	36,759	31,000	52,426	62,626	74,175	86,084	38,364	35,753	33,050

**Wastewater Rate Summary**  
12/06/11

Stand Alone

Actual	Actual	Budget	Budget	Estimate						
2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019

**A. Meter Charge (service)**

Current monthly rate	\$10.00	\$10.00	\$10.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$14.00	\$14.00	\$14.00
Estimated annual revenue	\$335,833	\$332,215	\$366,064	\$427,277	\$427,277	\$427,277	\$427,277	\$427,277	\$498,490	\$498,490	\$498,490	\$498,490
Increase generated income	\$18,394	-\$3,618	\$23,849	\$71,213	\$0	\$0	\$0	\$0	\$71,213	\$0	\$0	\$0

**B. Residential Usage Charge (commodity)**

Rate as percent of water rate	50%	50%	50%	65%	65%	65%	65%	65%	65%	65%	65%	65%
Current charge	\$2.38	\$2.43	\$2.48	\$3.22	\$3.31	\$3.41	\$3.52	\$3.62	\$3.62	\$3.73	\$3.84	\$3.64
Estimate annual revenue	\$275,514	\$275,514	\$282,013	\$345,457	\$376,371	\$387,662	\$399,292	\$411,271	\$423,609	\$423,609	\$436,317	\$436,317
Increase of water rate	\$0	\$0	-\$13,501	\$84,453	\$29,904	\$11,291	\$11,630	\$11,979	\$11,979	\$12,338	\$12,708	\$12,708

**C. Apartment Charge**

Current monthly rate	\$10.00	\$10.00	\$10.00	\$12.00	\$12.00	\$12.00	\$12.00	\$12.00	\$14.00	\$14.00	\$14.00	\$14.00
Estimated annual revenue	\$117,498	\$119,926	\$100,004	\$189,104	\$139,104	\$139,104	\$139,104	\$139,104	\$162,288	\$162,288	\$162,288	\$162,288
Increase generated	\$2,433	-\$13,922	\$39,100	\$0	\$0	\$0	\$0	\$0	\$23,184	\$0	\$0	\$0

**D. Commercial Usage Charge (commodity)**

Percentage of water rate:	75%	75%	75%	95%	95%	95%	95%	95%	95%	95%	95%	95%
Current charge	\$3.33	\$3.64	\$3.71	\$4.70	\$4.84	\$4.99	\$5.14	\$5.29	\$5.45	\$5.62	\$5.62	\$5.62
Estimate annual revenue	\$242,577	\$264,758	\$232,919	\$295,030	\$336,920	\$347,028	\$357,488	\$367,162	\$379,206	\$390,583	\$390,583	\$390,583
Increase of water rate	\$22,382	-\$31,841	\$62,112	\$41,890	\$10,108	\$10,411	\$10,723	\$11,045	\$11,045	\$11,376	\$11,376	\$11,376

Estimated Annual Revenue	\$965,217	\$986,414	\$951,000	\$1,207,878	\$1,279,672	\$1,301,071	\$1,323,111	\$1,440,210	\$1,463,593	\$1,487,678	\$1,487,678	\$1,487,678
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Homeowner pay monthly on gallons:

4,000	\$20	\$20	\$20	\$25	\$25	\$26	\$26	\$26	\$28	\$28	\$29	\$29
6,000	\$24	\$25	\$25	\$31	\$32	\$32	\$33	\$33	\$36	\$36	\$36	\$37
8,000	\$29	\$29	\$30	\$38	\$39	\$39	\$40	\$40	\$43	\$43	\$44	\$45
10,000	\$34	\$34	\$35	\$44	\$45	\$46	\$47	\$47	\$50	\$50	\$51	\$52

Current rate:	first 100,000	\$2.38
	thereafter	\$1.00
Estimate annual revenue:		\$141,467
		\$975,816
		\$968,707
		\$1,079,439
		\$1,243,775
		\$1,290,371
		\$1,312,091
		\$1,381,661
		\$1,451,902
		\$1,475,635

Res consumption 2010  
Comm consumption 2010

1,136,140	1,058,640	1,076,820	1,135,691	1,135,691	1,135,691	1,135,691	1,135,691	1,135,691	1,135,691	1,135,691	1,135,691	1,135,691
727,860	627,390	627,390	695,602	695,602	695,602	695,602	695,602	695,602	695,602	695,602	695,602	695,602

# Request for Council Action

Date: 12/6/11

To: East Grand Forks City Council, Mayor Lynn Stauss, Council President Craig Buckalew, Council Vice President Wayne Gregoire, Council Members: Marc Demers, Greg Leigh, Mike Pokrzywinski, Henry Tweten, and Ron Vonasek.

Cc: File

From: John Wachter

RE: Outlet Gate at the Kennedy Bridge

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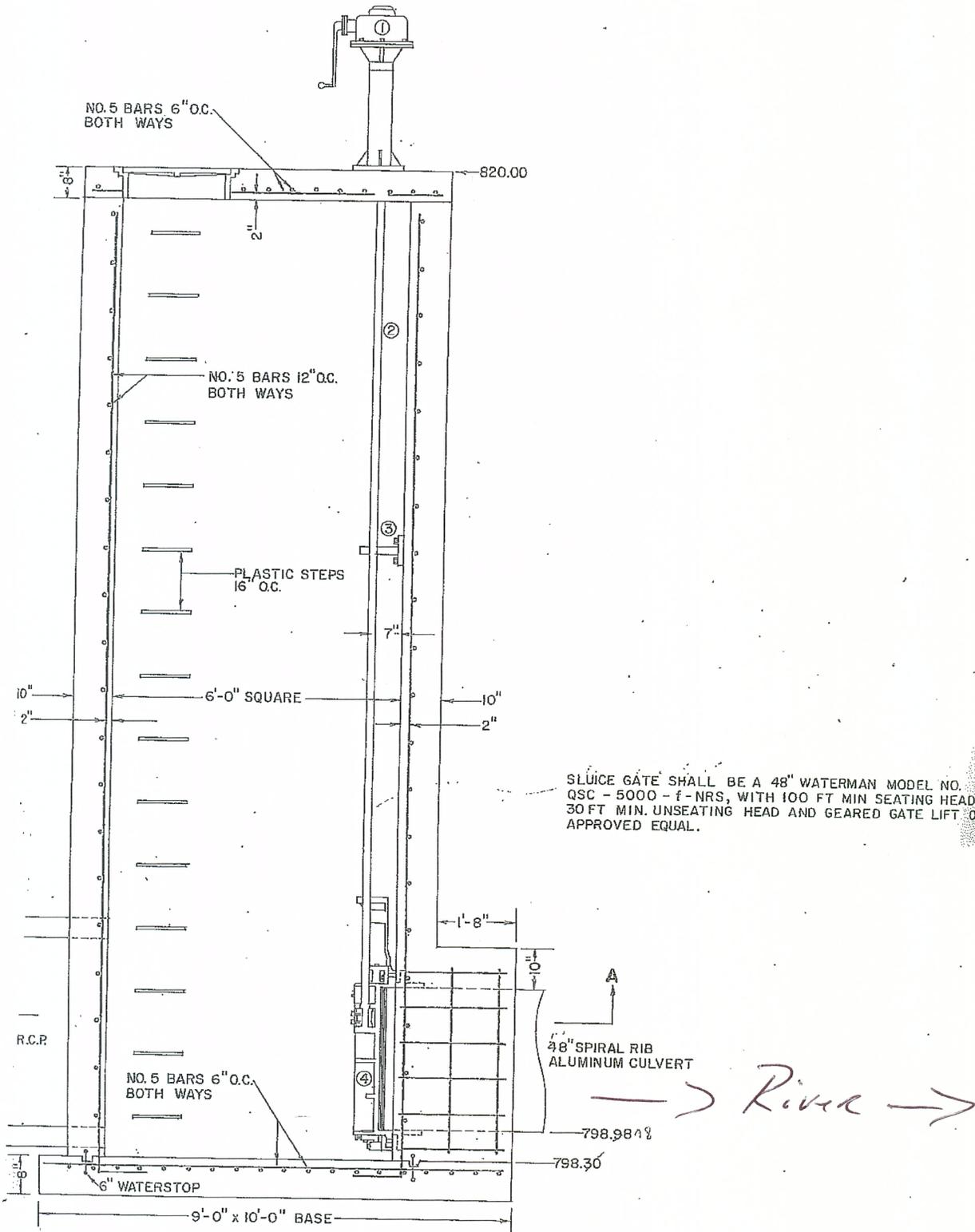
Background and supporting documentation of request:

An overview of the Highway 2 underpass at River Road.

Currently the road in this area begins to take on water at approximately 34.5' through the catch basins. There is an isolation valve west of the intersection that can close off the storm system from reverse river flows. This valve has been operated in the past, but has always leaked. After an inspection of the valve, the city storm water team along with I.C.S. made repairs to the valve.

By repairing this valve the 4<sup>th</sup> Street NW underpass should be able to remain open longer. Although, there are still some more repairs to made next summer, I am confident that this will allow for the road to remain open until approximately 40'. The storm water team will close the valve before flooding next spring and monitor the situation.

Recommendation: No action is needed at this time.



SLUICE GATE SHALL BE A 48" WATERMAN MODEL NO. QSC - 5000 - f - NRS, WITH 100 FT MIN SEATING HEAD & 30 FT MIN. UNSEATING HEAD AND GEARED GATE LIFT OR APPROVED EQUAL.

**CONTROL STRUCTURE**  
SCALE: 1" = 2'

*To Underpass*  
←

*→ River →*



# Request for Council Action

Date: December 7, 2011

To: East Grand Forks City Council, Mayor Lynn Stauss, Henry Tweten, Council Members: Marc Demers, Council President Craig Buckalew, Council Vice President Wayne Gregoire, Greg Leigh, Mike Pokrzywinski and Ron Vonasek.

Cc: File

From: Dave Aker

RE: Winter burial increase

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## Background:

Winter interments at the Resurrection Cemetery have become quite expensive for both Stennes Granite, who digs the grave, and Parks and Recreation for staking the grave and clearing snow off. The current cost for a winter interment is \$750.00 and the Cemetery Commission would like to raise it to \$1,250.00 it would cover the cost of damages to other headstones and finding the lot. We would also like to have a fee of \$50.00 for the staking and clearing of snow for the funeral. The costs would not go into effect until there is two inches of snow on the ground. The commission would like to send out the increase by January 1, 2012.

Recommendation: Increase the winter interment and have a fee for staking and snow removal. This would help pay for damages to other headstones that are damaged by Stennes Granite or the Park and Recreation for clearing off snow.

Enclosures: None

# Request for Council Action

Date: December 7, 2011

To: East Grand Forks City Council, Mayor Lynn Stauss, President Craig Buckalew, Council Vice President Wayne Gregoire, Council Members: Marc Demers, , Greg Leigh, Mike Pokrzywinski , Henry Tweten and Ron Vonasek.

Cc: File

From: Michael S. Hedlund – Chief of Police

RE: Request for Approval to Purchase Five Mobile Data Computers for the Squad Cars

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Background: The East Grand Forks Police Department uses Mobile Data Computers in the squad cars for a wide variety of tasks. The officers are able to run criminal history checks, motor vehicle registrations checks, driver's license checks and obtain other state information. Our Dispatcher is also able to send the officers information that is sensitive and that we do not want being said on the radio due to citizens having scanners. We are moving toward having electronic citations and expanding our report writing capabilities amongst a variety of other uses. The computers that have been used in the past have typically been standard laptop computers that have been converted for in-car use. Unfortunately those computers are not designed for the natural wear and tear that an in-car system receives, especially in our climate. Our most recent MDC purchase involved refurbished Panasonic Toughbooks. These computers have been a significant step up but they are refurbished, not new, units and they are starting to break down and repairs are typically cost prohibitive when they are even possible. The EGFPD had \$20,000.00 budgeted for replacement MDC's in both 2009 and in 2010 but that funding was cut due to the State LGA cuts. We were able to get by with the refurbished units but purchasing those units from another budget category shortchanged the equipment purchases that we would have been able to make had we not had to buy the refurbished units. The 2011 East Grand Forks Police Department budget does include \$20,000 for the purchase of new MDC's this year.

Recommendation: Approve the purchase of five (5) Panasonic Toughbook 31 Mobile Data Computers for the cost of \$20,000.59 per the attached quote from Minco Technology Center. This bid is lower than the MN State Bid Price. I have worked with Kris Kovar and Corey Thompson, the IT specialists for the City of East Grand Forks and they checked with some of their regular suppliers who were unable to beat this price. These units come with a no fault three year warranty that covers any and all damage. They also come with a standard equipment failure warranty for years four and five after which we would be due replacements through our planned capital replacement schedule.

Enclosures: Bid from Minco Technology Center for Five (5) Panasonic Toughbook 31 Mobile Data Computers.

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# QUOTE

Computers - Servers - Phone Systems - Premise Wiring - Point of Sale - Printers  
 Microsoft - Intel - Toshiba - Hewlett Packard - Konica Minolta - Seagate - 3COM - Apple



MINCO TECHNOLOGY CENTER  
 #3333 WEST DIVISION ST.  
 SUITE #107  
 ST. CLOUD, MN 56301  
 PHONE 320-258-5105  
 FAX 320-258-5119

TO: Chief Mike Hedlund E. Grand Forks Police Department  
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DATE 12/7/2011  
 EXPIRATION DATE \_\_\_\_\_  
 QUOTE NUMBER \_\_\_\_\_

SALES PERSON	Title	SHIPPING METHOD	SHIPPING TERMS	DELIVERY DATE	PAYMENT TERMS	DUE DATE
J Draper	Corp. Sales Rep.					

QTY	ITEM #	DESCRIPTION	UNIT PRICE	LINE TOTAL
				\$ -
5.00	CF-31Q1AAX1M	Fully Ruggedized Panasonic Toughbook	\$ 3,011.00	\$ 15,055.00
		Windows 7 Professional		\$ -
		Intel Core i3-2310M 2.10GHz Processor		\$ -
		13.1" XGA Touchscreen LCD		\$ -
		320GB Shock-Mounted HDD		\$ -
		2GB Memory		\$ -
		Wi-Fi, Bluetooth, Single Pass Thru		\$ -
		Backlit Emissive Keyboard		\$ -
		Panasonic Standard 3 Year Warranty		\$ -
				\$ -
				\$ -
5.00		Lind Auto Adapter for CF-31	\$ 129.00	\$ 645.00
				\$ -
		Options		\$ -
5.00		2GB Memory Modules (Will bring total memory to 4GB)	\$ 45.00	\$ 225.00
1.00		XP Recovery Disk (Necessary if XP Professional is needed)	\$ 49.00	\$ 49.00
5.00		Panasonic Protection Plus 3 Year No Fault Warranty	\$ 249.00	\$ 1,245.00
5.00		Panasonic 4th and 5th Year Warranty	\$ 299.00	\$ 1,495.00
				\$ -
				\$ -

SUBTOTAL	\$ 18,714.00
SALES TAX	1,286.59
<b>TOTAL</b>	<b>\$ 20,000.59</b>

This is a quotation on the goods named, subject to the conditions noted below:  
 Labor time and costs are estimates only; actual labor time may vary. Due to market volatility, quoted material prices are subject to change without notification. **A down payment of 50% is applicable upon bid acceptance.** Payment Terms are Cash, Check, Credit Card or Accounts Receivable (only with approved credit application on file). Trip charges will be applied to final invoices for all on site visits. Delinquent Accounts will be charged Finance Charges of 18% APR. A 20% restocking fee is applicable on all returned merchandise. Special Conditions apply to Special Order merchandise. Any changes or additions to the quote or project will be billable to the customer. Sales tax is an estimate only as taxes rates vary by billing codes. By signing below you are agreeing to the time and material estimate and accept the terms stated.

To accept this quotation, sign here and return:

