

It is expected that a Quorum of the Personnel Committee, Administration Committee, and Common Council will be attending this meeting: (although it is not expected that any official action of any of those bodies will be taken)

**CITY OF MENASHA
Board of Public Works
Third Floor Council Chambers
140 Main Street, Menasha
July 6, 2015**

5:50 PM

AGENDA

- A. CALL TO ORDER
- B. ROLL CALL/EXCUSED ABSENCES
- C. MINUTES TO APPROVE
 - 1. June 15, 2015
- D. ACTION ITEMS
 - 1. Change Order – Janke General Contractors; Gilbert Riverfront Trail; Contract No. 2014-03; DEDUCT: \$9,205.75 (Change Order No. 2)
 - 2. Change Order – Janke General Contractors; Gilbert Trestle Improvements; Contract No. 2014-04; DEDUCT: \$41,383.00 (Change Order No. 2)
- E. ADJOURNMENT

"Menasha is committed to its diverse population. Our Non-English speaking population and those with disabilities are invited to contact the Menasha City Clerk at 967-3603 24-hours in advance of the meeting for the City to arrange special accommodations."

CITY OF MENASHA
Board of Public Works
Third Floor Council Chambers
140 Main Street, Menasha
June 15, 2015
MINUTES

DRAFT

A. CALL TO ORDER

Meeting called to order by Chairman Krautkramer at 7:05 p.m.

B. ROLL CALL / EXCUSED ABSENCES

PRESENT: Aldermen Keehan, Zelinski, Benner, Nichols, Krautkramer, Langdon.

EXCUSED: Aldermen Taylor, Rollins-Jump.

ALSO PRESENT: Mayor Merkes, CA Captain, PC Styka, DPW Radtke, CDD Keil,
ASD Steeno, Clerk Galeazzi

C. MINUTES TO APPROVE

1. [June 1, 2015](#)

Moved by Ald. Langdon seconded by Ald. Keehan to approve minutes.

Motion carried on voice vote.

D. DISCUSSION / ACTION ITEMS

1. [Payment – Janke General Contractors; Gilbert Riverfront Trail, Contract No. 2014-03; \\$89,331.58 \(Payment No. 2\)](#)

DPW Radtke explained the payment is for the land portion of the trail. Project is moving forward at a good pace and is within budget.

General discussion ensued on work on the trestle part of the trail, park shelter on the trail.

Moved by Ald. Nichols seconded by Ald. Keehan to recommend to Common Council payment to Janke General Contractors for Gilbert Riverfront Trail, Contract No. 2014-03 in the amount of \$89,331.58 (Payment No. 2)

Motion carried on roll call 6-0.

2. [2015 Q1 Storm Water Report](#)

DPW Radtke and ASD Steeno reviewed the storm water report.

General discussion ensued on Total Maximum Daily Load (TMDL), consultant continues to work on Storm Water Planning Grant, reduction in suspended solids and Phosphorus, storm water expenditures versus revenues, other municipalities' rates, details of charges to storm water utility by department. Staff will be providing more information at a future meeting for discussion on storm water fees.

E. ADJOURNMENT

Moved by Ald. Nichols seconded by Ald. Keehan to adjourn at 7:50 p.m.

Motion carried on voice vote.

Respectfully submitted by Deborah A. Galeazzi, WCMC, City Clerk



Memorandum

DATE: July 1, 2015

TO: Board of Public Works

FROM: Mark Radtke, Director of Public Works *MR*

RE: Change Order No. 2 Gilbert Trail Contracts 2014-03 and 2014-04

Attached are both Change Orders No. 2 for Gilbert Trail contracts 2014-03 and 2014-04. The change orders represent revisions to both contracts mainly resulting from the discovery of deteriorated piling components on the existing train trestle near the east end of the project site. Because of those substandard pilings, an alternate trail route needed to be evaluated and selected in order to deliver an affordable project.

Project Description

The project involves the construction of a 10 foot wide concrete trail commencing from the north/west side of Ahnaip Street, around the existing small pond, continuing to the river front, and turning east along the river's edge to an existing train trestle. The trail then continues across the trestle and on to the eastern terminus at the property limits. A small shelter building, trail lighting, benches, rock outcrops and a fishing area are among other improvements included in this project.

Because of the different construction types, the project was split into two contracts, one for the concrete trail sections and one for the trestle construction. The low bidder for both contracts was Janke General Contractors. In order to keep the project cost within budget, a change order was issued for both contracts immediately after the bid awards. The change orders in total represented a deduct of \$40,155.00 (see attached).

Change Orders No. 2 Description

The trestle portion of the project originally involved the replacement/reinforcement of four of the trestle's pile caps identified by the consultant as being unacceptable as part of the supporting structure. While proceeding with the replacement of the pile caps, the contractor became concerned with the condition of some of the underlying piles based on a visual inspection and their previous experience with these types of structures.

In a follow up with our consultant, it was determined visual evidence of the trestle's pile bents indicated further testing should be done to determine the adequacy of the trestle's entire exposed substructure. In the meantime, the contractor was directed to suspend work on the trestle portion of the project because the cost to rebuild pile bents and caps would be prohibitive and could result in a radical change to the scope of the project.

At their own cost, our design consultant hired an outside firm specializing in trestle engineering to do the field investigation and testing of the trestle's substructure components. That firm utilized both visual and penetrating investigation techniques to determine the condition of the pile bent components. The findings of that work were summarized in a bridge inspection report submitted to our consultant.

The report indicates 11 of the 20 pile bents would require some level of repair and an additional 6 would require complete frame out meaning only 3 of the existing pile bents would not require any work. To continue a design to carry the trail over the existing trestle would be extremely cost prohibitive given the extra cost to upgrade the deficient pile bents. With this knowledge in hand, the City and its consultant investigated other options to route the trail past the trestle area to its terminus at the east end of the project site.

Because the three acceptable existing pile bents are located adjacent to each other on the western half of the trestle, we decided to evaluate the possibility of utilizing the western portion of the trestle, carrying the trail over the Gilbert waterway outlet, to a point where we would transition the trail off the trestle to a point on land. From this location the trail would proceed on land until it connects to the original designed trail location at the east end of the trestle. This option results in a decreased project cost while utilizing the maximum available structurally acceptable portion of the trestle.

Attached are the proposed change orders for each of the contracts. Change Order No. 2 for Unit No. 2014-03, Gilbert Riverfront Trail, is a deduct of \$9,205.73. Essentially, this change order includes the additional cost for the east and west approaches to the trestle area, some mobilization and contractor re-engineering charges, additional heavy rip rap required at the river's edge below the off trestle portion of the trail, and some additional excavation and stone base. The change order also reflects reduced costs for the originally designed abutments, sheet piling, and limestone outcrop stone, among other items.

Change Order No. 2 for Unit No. 2014-04, Gilbert Trestle Improvements, is a deduct of \$41,383. This change order has additional costs for the demolition of the unused portion of the trestle, additional pile cap, and the cost of contractor purchased, but unused, rail posts. The major deducts include the modifications to the trestle sub-decking, reduced composite decking and reduce cable railing.

Attached is a drawing depicting the recommended new route of the trail relative to the proposed original route of the trail in the vicinity of the trestle. The angle of departure from the trestle with the new design was maintained at the same angle as the original to allow for a smooth transition on/off the trestle. There will be a need for the placement of

heavy rip rap along the river's edge adjacent to the base of the trail fill area east of the retained trestle section. The relocation of the trail to the south of the trestle can be accomplished within City owned property. The easternmost portion of the trail is not affected by the proposed relocation of the trail and its construction will still require additional land rights from the adjacent property owner. The property owner has indicated a willingness to cooperate with our needs in that area. The Department of Natural Resources was notified of the proposed changes and has approved them if we decide to pursue that option.

Recommendation

Based on the structurally deficient condition of portions of the trestle and its corresponding prohibitive repair costs and the cost efficient option to relocate a portion of the trail off trestle, I recommend the approval of Change Order No. 2 for Contract Unit 2014-03 as a deduct of \$9,205.75 and Change Order No. 2 for Contract Unit No. 2014-04 as a deduct of \$41,383.00.

Attachment

CHANGE ORDER

DATE: 7/2/2015

CHANGE ORDER NO: Two

CONTRACTOR: Janke General Contractors
CONTRACT NO: Unit No. 2014-03
PROJECT: Gilbert Riverfront Trail

You are directed to make the changes noted below in the subject contract unit number.
I. (See Attached)

The changes result in the following adjustments:

	CONTRACT-TOTAL	TIME
Prior to this Change Order	<u>\$442,883.50</u>	_____ Days
Adjustments per this Change Order	<u>(\$9,205.75)</u>	_____ Days
Current Contract Status	<u>\$433,677.75</u>	_____ Days

Directed/Authorized
City of Menasha Dept. of Public Works

By: _____

Date: _____

Accepted

By: _____

Date: _____

Gilbert Riverfront Trail

ADD	Change Order #1 (See Attached CO1)	+\$35,155.00 (LS)
ADD	New Pile for West & East approaches and 1 pile set to extend east end of Trestle	+\$28,800 (LS)
ADD	Wood for West & East approaches	+\$20,880 (LS)
ADD	Pile Backer Boards	+\$6,900 (LS)
ADD	Hardware	+\$10,681.75 (LS)
ADD	Fill for ramping proposed Concrete Trail (150 CY @\$30/yd)	+\$4,500
ADD	Mobilization of Crane	+\$6,500 (LS)
ADD	Contractors re-engineering of approaches & decking	+\$6,500 (LS)
ADD	Base Aggregate Dense 1¼" (300 Ton @ \$25/ton)	+\$7,500
ADD	Heavy Riprap (400 Ton @ \$57/ton)	+\$22,800
ADD	Excavation below sub-grade (195 CY @ \$15/CY)	+\$2,925
DEDUCT	Concrete Trail 5" (14,525ft ² -13,750ft ² @ 4.70)	-\$3,642.50
DEDUCT	Concrete Steps	-\$2,600 (LS)
DEDUCT	Modular Block Wall (315ft ² @ \$33/ft ²)	-\$10,395
DEDUCT	Limestone Outcrop Stone (114.3 Ton @ \$200/ton)	-\$22,860
DEDUCT	West Abutment	-\$27,500
DEDUCT	East Abutment	-\$31,000
DEDUCT	Sheet Piling (1650ft ² @\$39/ft ²)	-\$64,350
	TOTAL =	-\$9,205.75

Change Order

DATE: December 11, 2014

CHANGE ORDER NO: ONE (1)

CONTRACTOR: **Janke General Contractors**
CONTRACT NO: **Unit No. 2014-03**
PROJECT: **Gilbert Riverfront Trail**

You are directed to make the changes noted below in the subject contract unit number.

Deducted from Trail Bid

1. Remove west abutment

2. Allowance for used sheet pile- east abutment
3. 12"x25' wooden pile ramp replacing west abutment, includes decking and railings
4. Remove block retaining wall on west end, replace w/sloped fill
5. 20% less outcrop stone- at water access site
6. 20% less heavy rip rap at water access site

Total Deduct = \$35,155.00

The changes result in the following adjustments:

	CONTRACT-TOTAL	TIME
Prior to this Change Order	<u>\$478,038.50</u>	_____ Days
Adjustments per this Change Order	<u>(\$35,155.00)</u>	_____ Days
Current Contract Status	<u>\$442,883.50</u>	_____ Days

Directed/Authorized
City of Menasha Dept. of Public Works

By: _____

Date: _____

Accepted

By: _____

Date: _____



Memorandum

DATE: July 1, 2015

TO: Board of Public Works

FROM: Mark Radtke, Director of Public Works *MR*

RE: Change Order No. 2 Gilbert Trail Contracts 2014-03 and 2014-04

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Change Order No. 2 for Unit No. 2014-04, Gilbert Trestle Improvements, is a deduct of \$41,383. This change order has additional costs for the demolition of the unused portion of the trestle, additional pile cap, and the cost of contractor purchased, but unused, rail posts. The major deducts include the modifications to the trestle sub-decking, reduced composite decking and reduce cable railing.

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Recommendation

Based on the structurally deficient condition of portions of the trestle and its corresponding prohibitive repair costs and the cost efficient option to relocate a portion of the trail off trestle, I recommend the approval of Change Order No. 2 for Contract Unit 2014-03 as a deduct of \$9,205.75 and Change Order No. 2 for Contract Unit No. 2014-04 as a deduct of \$41,383.00.

Attachment

CHANGE ORDER

DATE: 7/2/2015

CHANGE ORDER NO: Two

CONTRACTOR: Janke General Contractors
CONTRACT NO: Unit No. 2014-04
PROJECT: Gilbert Trestle Improvements

You are directed to make the changes noted below in the subject contract unit number.
I. (See Attached)

The changes result in the following adjustments:

	CONTRACT-TOTAL	TIME
Prior to this Change Order	<u>\$290,525.00</u>	<u> </u> Days
Adjustments per this Change Order	<u>(\$41,383.00)</u>	<u> </u> Days
Current Contract Status	<u>\$249,142.00</u>	<u> </u> Days

Directed/Authorized
City of Menasha Dept. of Public Works

By: _____

Date: _____

Accepted

By: _____

Date: _____

Gilbert Trestle Improvements

ADD	Change Order #1 (See Attached CO1)	+\$5,000 (LS)
ADD	Demo & Disposal of existing structure	+\$26,000 (LS)
ADD	City to own unused rail posts	+\$4,000 (LS)
ADD	Pile Cap	+\$12,000 (LS)
DEDUCT	Modifications to Trestle sub decking	-\$17,000 (LS)
DEDUCT	Remove Overlook	-\$3,900 (LS)
DEDUCT	Composite Decking (1,790ft ² @ \$14.70)	-\$26,313
DEDUCT	Cable Railing (358' @ \$115/ft)	-\$41,170
	TOTAL =	-\$41,383

Change Order

DATE: December 11, 2014

CHANGE ORDER NO: ONE (1)

CONTRACTOR: **Janke General Contractors**
CONTRACT NO: **Unit No. 2014-04**
PROJECT: **Gilbert Trestle Improvements**

You are directed to make the changes noted below in the subject contract unit number.

Deducted from Trestle Bid

1. Modifications to sub-decking, reducing material/labor and providing a minimum 10' clear width
2. Remove overlook

Total Deduct = \$5,000.00

The changes result in the following adjustments:

	CONTRACT-TOTAL	TIME
Prior to this Change Order	<u>\$295,525.00</u>	_____ Days
Adjustments per this Change Order	<u>(\$5,000.00)</u>	_____ Days
Current Contract Status	<u>\$290,525.00</u>	_____ Days

Directed/Authorized
City of Menasha Dept. of Public Works

By: _____

Date: _____

Accepted

By: _____

Date: _____