

**Memorandum  
Public Works Department**



**To:** City Manager  
**Subject:** Southwest Rock Island Railroad Crossing Repairs  
**Date:** March 12, 2012  
**Number:** 2012-066

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Iowa Interstate Railroad notified the City that the Southwest Industrial Park rail line had numerous defects at the northbound Rock Island Parkway railroad crossing and the Parkway/Andalusia Road Frontage Road railroad crossing. The observed defects include cracked main rails, damaged mud rails and damage to the concrete crossing panels. The observed defects are creating a safety hazard and should be repaired as soon as possible.

The Engineering Division solicited quotes from qualified local railroad contractors to perform the necessary emergency repairs on the above referenced railroad crossings. The contacted contractors and their quotes are as follows:

Brandt Construction	\$169,943
Crafton Railroad Company, Inc	\$136,776

Crafton Railroad was the lowest acceptable quote at \$136,776

**Recommendation**

The Public Works Department recommends that the City Council award the bid to Crafton Railroad Company, in the amount of \$136,776.

Vendor: Crafton Railroad Company  
Contract Amount: \$136,776

Fund:	301	Capital Improvements
Division:	616	Municipal Services
Cost Center:	315	Street Special Projects
Object Class:	53806	Infrastructure Maintenance
Project Code	2643	Southwest Rock Island Railroad Crossings
Grant	223	Gaming

**Submitted by:** Robert T. Hawes, P.E., Assistant City Manager/Public Works Director  
Michael J. Kane, P.E., City Engineer

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**Approved by:** Thomas Thomas, City Manager



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February 3, 2012

Public Works Department  
Engineering Division  
1309 Mill Street  
Rock Island, IL 61201

Re: City owned railroad on the Milan Line track crossings.

Attention: Mr. Michael Kane, P.E.

Dear Mr. Kane

This quotation is with regard to the replacement of two roadway crossings located on the City's Milan Line. As we discussed in our meeting at the crossings the Iowa Interstate has requested to replace the rails and crossings due to the rail defects.

Our plan would be to furnish all labor, equipment, insurance, roadway detour signs, and asphalt work and track materials as stated. This crossing work will be to the City and the Iowa Interstate specifications.

**SCOPE OF WORK 32' KENWORTH CROSSING:**

- 1) Saw cut concrete roadway 4' from edge of crossing full depth.
- 2) Remove old concrete from right-a-way to dump site.
- 3) Plan track time with Iowa Interstate on when to remove the track.
- 4) Remove the old track materials and dispose of off-site.
- 5) Excavate through crossing to proper elevation for new sub-grade rock.
- 6) Install full length of crossing perforated 4" plastic pipe with flow towards the east.
- 7) All excavation work will be under the watch of the City signal Contractor, who will be paid by the City.
- 8) Install new 115 lb track onto 10' long 7" X 9" ties. These ties are required for the new concrete crossing. This track will not have any joints in the crossing area and will extend 10' outside the limits of the crossing. The ten foot area outside the crossing will receive new cross ties and rock.
- 9) Furnish and install new OMNI full depth concrete crossing 32' long with hardware.

10) Both sides of the new crossing will receive 4' wide 40' long and 8" deep hot mix asphalt.

Total Price: \$ 38,129.00

**SCOPE OF WORK 80'- 2 LANE NORTH BOUND, BELT WAY AT ANDALUSIA ROAD:**

- 01) Saw cut full depth both sides 80' long 4' outside of the crossing.
- 02) Break up and remove 1 lane and right turning lane. Remove old concrete from work site.
- 03) Plan track outage time with Iowa Interstate railroad.
- 04) Remove all old track materials from site. Materials will then become the track contractor property and responsibility to dispose of properly.
- 05) Excavate old rock and dirt to the proper sub-grade elevation under the direction of the City Signal Contractor, who will be paid by the City.
- 06) Install 4" perforated plastic pipe along north side of the cut and flowing towards the east.
- 07) Install new 115Lb rails and 10' ties for crossing specifications. This track will extend 10' outside the limits of the crossing.
- 08) Furnish and install new OMNI full depth concrete crossing 80' long with hardware.
- 09) Along both sides of the new crossing will receive 4' wide 80' long and 8" deep hot mix asphalt.

Total Price: \$ 98,647.00

This 80' crossing will be completed by working on half at a time. The highway detour signs are to be maintained as needed by SILCO and will be to the Illinois State specifications for 55 MPH roadway construction.

**Items Not Included in Proposal:**

- 1) Special flagman rates if required by the Iowa Interstate during the track outage.
- 2) Performance Bonds etc.
- 3) Testing for work performed on the Project.
- 4) Any items not listed in the scope of work.

Note: The asphalt plants normally start up the 1<sup>st</sup> of April so this quote is based on that schedule. Prices on these new track materials are subject to other sale and are good for 15 days.

With regard to any miscellaneous attention to the guard rails pointed out by the Iowa Interstate road-master we will take care of at no charge to the City. However a derailment and any damages to the track and crossing that occurs will be handled on a time and materials basis. Our goal will be help keep this track operating safely until the crossing work can be planned.

If you have any questions please call.

Sincerely,

A handwritten signature in cursive script that reads "Dan Crafton". The signature is written in black ink and is positioned below the word "Sincerely,".

Dan Crafton, President  
Crafton Railroad Company, Inc.