



To: City of Oelwein
Attn: Herb
Re: Hwy 3 and Hwy 150 traffic signal upgrade

The following is our quote for upgrading various parts of the traffic signal system at Hwy 3 and Hwy 150. As I'm sure you are aware many of the portions of the existing system are really beginning to show some age. The signal cabinet is outdated and nearly obsolete. The underground wiring is in poor condition and in need of replacement and the signal heads are getting brittle which is causing pieces of them to fail and fall off. I am listing some options below for your consideration. These are listed in order of importance (my opinion).

Replace signal wiring: \$7,500.00

Note: This is for replacing the wiring only and leaving the existing conduits in place. There is no good way to know if the existing conduits are good until we try to remove the existing wiring. If it is deemed that the conduit is unusable we would have to bore new conduits under the road and remove sidewalk in all 4 corners to connect to the footings/handholes. Additional cost for this would be somewhere around \$8,000.

Replace signal cabinet and controller: \$19,000.00

Replace signal heads and brackets on the mast arms: \$11,000.00

In our opinion the existing poles and footings are still in pretty good shape and do not need to be replaced.

The north intersection in town is in a similar condition and replacements/upgrades should be considered for that in the coming years as well.

Thank You

A handwritten signature in black ink, appearing to read 'Jeremy Brandt', is written over the typed name and title.

Jeremy Brandt
Vice President

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