

November 22, 2005

TO: Dirk Jablonski

Subject: E. St Patrick Street mid-block pedestrian crossing.

Black Hills Power Company will not let the City attach any new lights, signs or electrical services to the existing power poles in the area of the crossing. With this minor problem we look at adding a new electrical service and to increasing the visibility to this pedestrian crossing.

The City Traffic Shop will replace all the old signs with fluorescent yellow-green pedestrian signs, add pedestal poles and bases, wire and all other miscellaneous parts at the crossing. The shop placed on order four yellow LED signal lights.

To improve the visibility of this crossing the City would like to add pedestrian activated (bright LED) lights. The light will only flash when the pedestrian button is pushed and this would reduce energy cost. New electrical services would bring the City electrical service into City code. The existing flasher lights and electrical service has been in place for many years.

I have requested two costs estimated from Checker Electric and Solar Electric for drilling and pouring two concrete foundations for pedestrian poles, installing two electrical J-boxes, add 100 amp electrical services and trenching and boring under the street from one side to the other.

The quotes from the electrical contractors for the above project are:

- Solar Electric \$9,147.09
- Checker Electric \$9,954.00
- City cost for parts and materials \$1,900.00

This would cost the City around \$12,000 to bring this crossing up to standard.

Rapid City Geographic Information System

