

40- to 60-Year-Old Concrete Streets Receive CPR in Waite Park Neighborhood

The City of Minneapolis is home to over 400,000 people and about 165 miles of 5" and 6" thick residential concrete streets. Many, if not most, of these concrete streets are over 40 years old. Some are 50 to 60 years old. These streets have, for the most part, gone their entire lives with little to no maintenance. That in itself is a great success story when you figure the annual cost of ownership of these streets.

In 2017 the city council approved extra money dedicated for roads, and a portion of that was allocated for repairing those 40- to 60-year-old concrete streets. The city chose Bolton & Menk, Inc. (BMI) to design and manage the project. As part of the project development, the city and BMI met and discussed project details with three CPAM members: PCi Roads, Diamond Surface, and Interstate Improvement (Interstate). BMI took many of the ideas that were discussed into developing the plans for a comprehensive, yet affordable, concrete pavement restoration (CPR) project.

Interstate was the low bidder on the project that was awarded earlier this year. Due to timing of the project and funding, the project was developed as an Indefinite Delivery, Indefinite Quantity (IDIQ) which gave the city more flexibility. It also allows the city and contractor to add more work if both agree.

The project addresses approximately seven miles of residential streets in the Waite Park neighborhood. All these streets were in relatively good condition and in the 50-year-old range. The concrete pavement was 6" thick and 32' wide comprised of 2 – 10' wide driving lanes and 2 – 6' parking lanes.

The contract will utilize partial-depth and full-depth repairs for the concrete pavement, and it will all be diamond ground in the end. The city also used this opportunity to correct other utility issues in the neighborhood as well as to construct ADA compliant pedestrian ramps and intersections.

As part of the project development, the city did a great job of outreach to the neighborhood to ensure everyone was aware of, and understood, the various aspects of work involved in the project. The city, BMI and Interstate all worked with the neighborhood to make sure they knew what was coming and when, along with making sure everyone had a way to and from their homes.

The city developed a YouTube video to show people what was going to happen to the street and how it would be repaired. [Watch the video here.](#)

Interstate made a good dent in the project in 2017 and will continue in 2018. The work completed so far has been very well received by the local residents, and others are anxious for the project to reach them. In the end, the city and the residents will be getting a 15- to 20-year (or greater) repair that will add to the already great investment they made 50 years ago. If you were to calculate the annual cost of ownership of these roads since they were built and now the added life of the CPR, you would see that a long-lasting investment in roads is well worth the cost.

For a map of the area and to see some construction photos, please click [here](#).

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November 2017*