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**Board of Public Works
City of La Crosse**

Ladies and Gentlemen of the City of La Crosse Board of Public Works,
On behalf of our clients, St. Joseph the Workman Cathedral, we are requesting approval to make a storm sewer connection in 6th Street, south of the Cathedral parking lot.

The existing parking lot has reached the end of its useful life, and needs to be replaced at this time. The project is comprehensive, including new concrete surfacing, bio-infiltration devices, lighting, and landscaping. The project corrects issues with flat grades which cause dangerous ice accumulation and provides increased beautification to this important downtown parcel.

As a comprehensive project, it is subject to stormwater requirements contained within the City's ordinances, including treatment of stormwater runoff, and total capture of the 10-year storm. These requirements cannot be met without the ability to deliver approximately 14 cfs to City's storm sewer.

Options for this connection are limited, as there are no storm sewer stubs into the parcel at this time. Through previous meetings, and correspondence with City of La Crosse Engineering Department, it has been determined that the best location for this connection is in 6th Street. Discussion of connection locations follows:

6th Street Catch Basin

There is a catch basin we could connect to in 6th Street, south of the cathedral. However, we couldn't get 14 cfs through a catch basin. Water would still cross the property lines, and ice would accumulate in the parking lot. Additionally, we'd need to tear up brand new sidewalk and boulevard to make this connection.

6th Street Storm Sewer

We could build a new manhole over the storm sewer in 6th street. This may be able to handle our flow, but we'd need to cut into a new street to build a new manhole.

Main Street Storm Sewer

The existing storm sewer in Main Street appears to be just 3' deep, which is too shallow for us to connect biofilter underdrains to.

5th & Jay Street

The nearest storm sewer with enough depth is at Jay/5th Av. If we bring a pipe all the way to a manhole in that intersection, we should be able to meet the project goals. The cost to do so would be significant.

Sincerely,
James Makepeace, P.E.
Makepeace Engineering LLC
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