

## Capital Project Request Form



Request Type:

Department:

Date:

Title of Request:

Department Priority

Linked to another project?  
☐ Yes  
☒ No

Project Request is: ☐ New  
☐ Replacement  
☒ Modification

Estimated Useful Life:

This is a limited field, please attach documents for more detail.

Description:

Basis of Cost: ☒ Quote ☐ Bid ☐ Estimate  
Total Cost

Revenue (if any)  Net Cost

Will there be additional costs in future years to complete this project?

select one: ☐ Yes ☒ No  
If yes, amount?

Finance Dept: Account

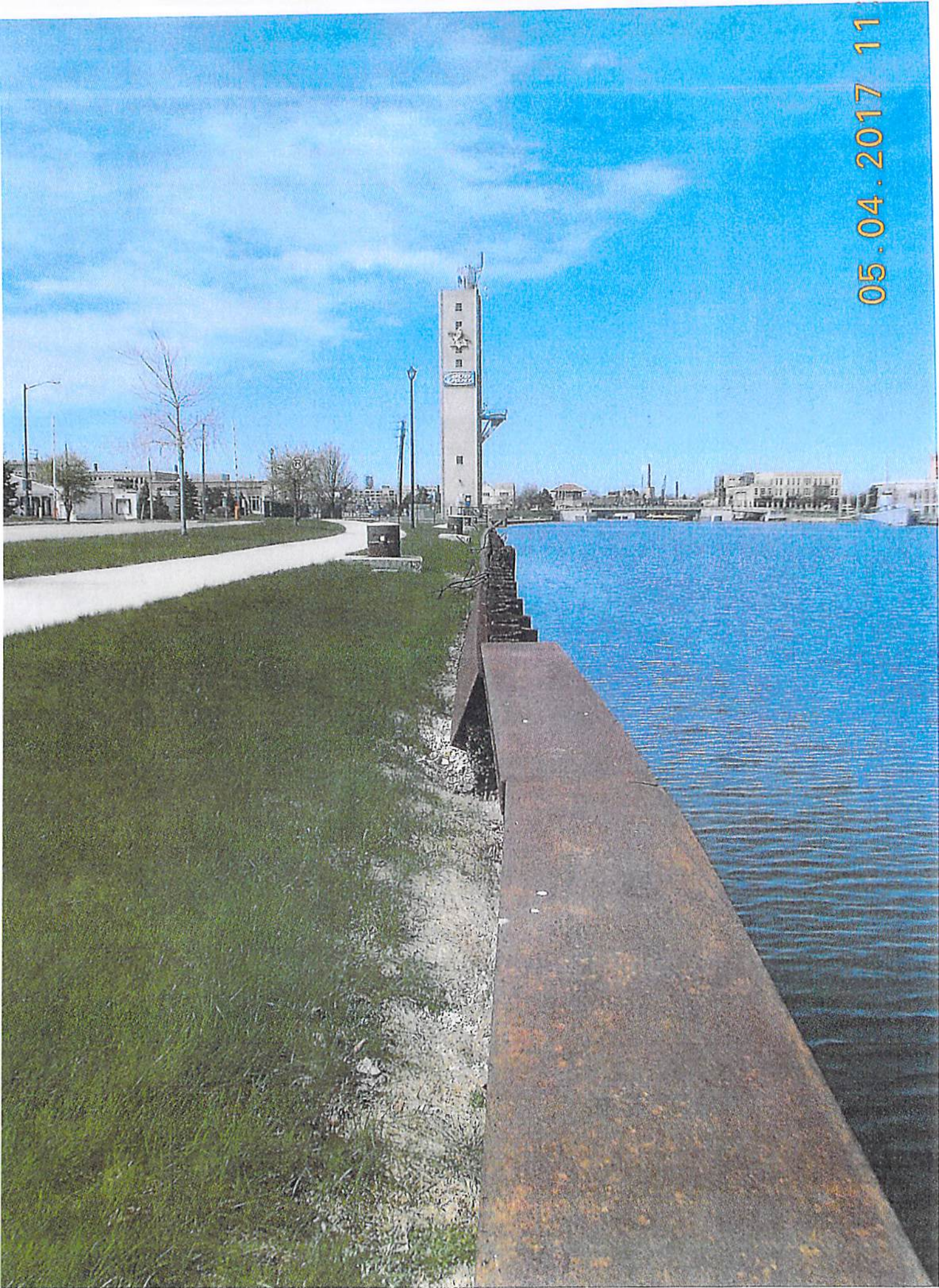
Sent to Dept: ☐

Action:





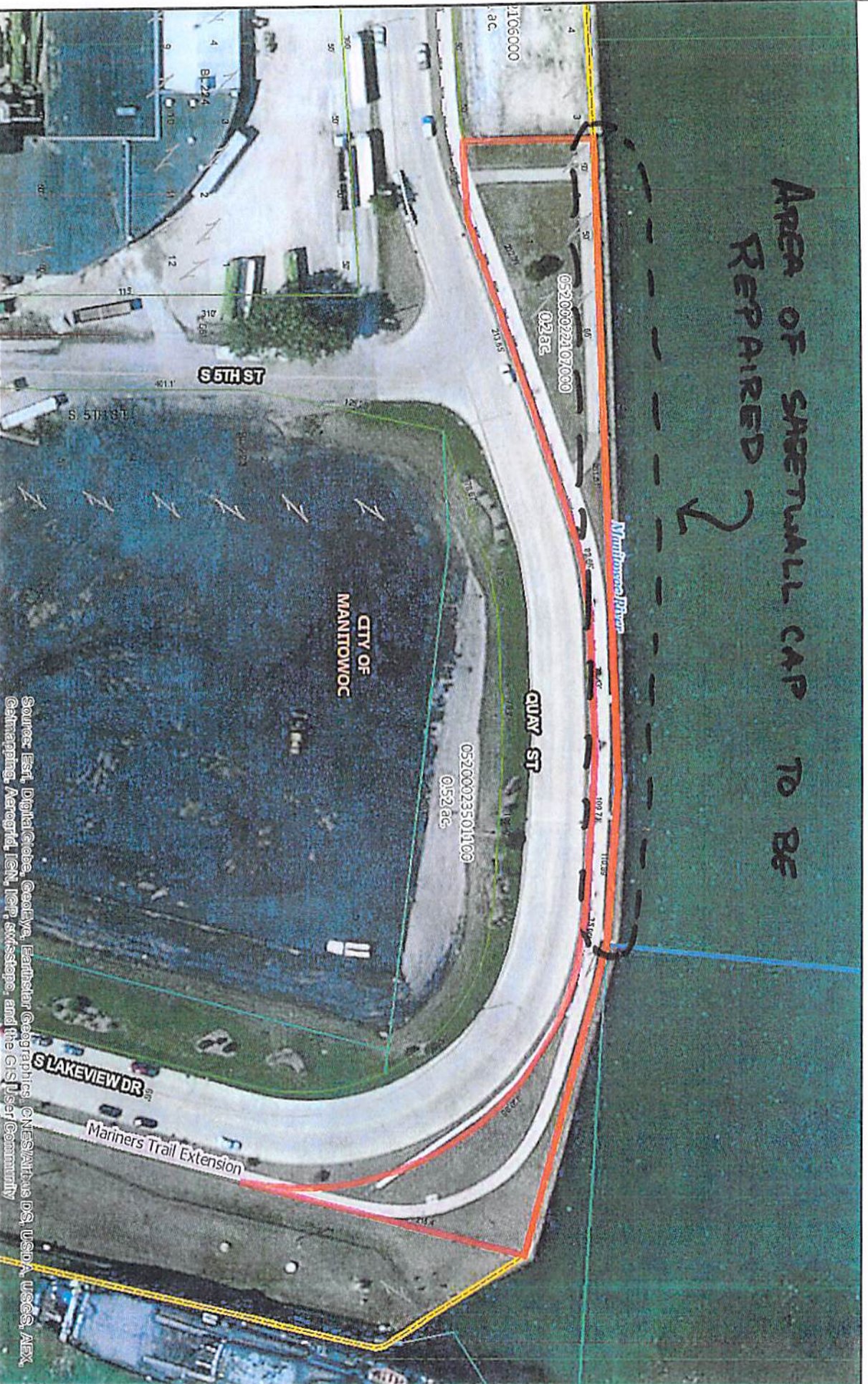




05.04.2017 11



Area of SAGETWALL CAP TO BE  
REPAIRED 2



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, IGP, Swirestop, and the GIS User Community





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6-6-17

Mr. Paul Braun  
City of Manitowoc  
900 Quay Street  
Manitowoc, WI 54220

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Reference: Sheet Pile Cap Repair East of Bud Tower – Manitowoc Harbor

Dear Paul,

Per your request, we are pleased to submit this proposal for repairing approximately 430 LF of steel sheet pile channel cap located east of the unloading tower along the south bulkhead in the Manitowoc Harbor. This proposal is based on our site inspection on 8-17-16 and a follow up confirmation inspection on 6-6-17; all in accordance with the prices, terms and conditions set forth within:

**Sheet Pile Cap Repair:**

Furnish all necessary materials, labor, & equipment to perform the following scope of work:

- Mobilize material handler, welding machine, torch set, and small tools.
- Torch cut portions of the existing sheet pile wall that have leaned out into the river and would prevent the channel cap from fitting on top of the wall
- Remove existing channel cap as necessary, cut out damaged portions, and reuse good portions
- Fit the channel cap sections to the existing sheet pile wall; no modifications to the existing wall are included except for cutting out protrusions
- Re-attach the channel cap to the existing sheet pile wall with 3/8" x 4" x 4" x 6" angle clips spaced about 5' o/c (every other sheet pile)
- Use 1/4" fillet welds, 1" of weld every 2", to connect sheet pile to clip angle and slip angle to channel cap
- 100 LF of new steel channel material is included to replace the damaged sections we don't think can be reused; 85 clip angles are also included
- This work scope is based on approximately 430 LF of wall cap repair, starting at the east side of the "Bud Tower" black fence
- No lawn restoration is included, but may be required by "others", depending on the time of year the work is completed.
- Reasonable efforts will be made to restore the wall cap to its original condition. However, given the current condition of the existing wall and cap, some horizontal and vertical misalignment should be expected.

**TOTAL PROJECT: \$24,500.00**

