NO ARTIFICIAL PRESERVATIVES OR FLAVORS

MONTEREY

CHICKEN MELT

Dell Precision Laptops Experience Enhanced Productivity On The PrecisionTM w/ Intel® CoreTM.

Immediate Survey Jobs Take Part In Paid Online Surveys. Earn Up To \$50. Register Now!

part-time online work make up to \$45 per survey in 20 min the #1 paying survey site today!

presentation on the final draft of plans, which were created by a project team consisting of the city of Marquette Community Development Department and the Superior Watershed Partnership. Baird, a coastal-consulting company, provided oversight. **Article Photos**

The Marquette City Commission held a Tuesday work session to hear a

The Superior Watershed Partnership has planted beach g..



All Access E-Edition

Office 365

Get Office

on your devices.

Starting at \$6.99/month

LEARN MORE →

Plans in part call for realigning and elevating the road as well as removing the riprap, which would be replaced by engineered stone

The project is a grant-funded project provided by the National Oceanic and Atmospheric Administration and the Michigan Department of Environmental Quality-Coastal Zone Management. Phase I involved public meetings, an engineering study, selecting

options and the SWP undertaking dune restoration activity. Phase II involved shoreline restoration and creating two dune-restoration demonstration areas and more public community engagement. Dennis Stachewicz, city director of planning and community

development, told the commission adding stone armor along the lake would be used along with dune/swale restoration. He said what is being proposed is combining manmade mechanical

features to break the wave action, and then disguising it with shoreline restoration, while at the same time relocating Lakeshore Boulevard.

"We wanted to recapture the view of Lake Superior, so in other words, if we're going to use stone armor, it had to look different than it does now," Stachewicz said. "We don't want to be looking at unaesthetic or ugly rock piles."

Also proposed are creating a multiple-use pathway separate from the road, boardwalks, lookout spots with parking and a roundabout at Lakeshore and Wright that would provide a terminal vista of the lake, he said.

The dune/swale complex, according to Stachewicz, will double as

The SWP also has removed invasive species on one site and planted beach grasses on another in the project area, SWP Executive Director Carl Lindquist said.

"It'll really be next spring when it'll be thriving," Lindquist said.

The estimated cost of the project, Stachewicz said, is \$8 million, plus a 10 percent contingency cost, with \$4.5 million of that price tag going toward the stone armor.

Stachewicz said the city now has "shovel-ready plans" it can use when it seeks funding, which could involve federal grants through NOAA and other options.

Stachewicz cautioned if no work is performed on Lakeshore, it could degrade within 10 years at an approximate cost of \$10 million.

"I am telling you, we are going to aggressively pursue funding opportunities as best as we can," he said.

Stachewicz said he has received little negative feedback from the public regarding the project.

Commissioner Don Ryan said, "To me, other than the money issue, I don't see what could be wrong. We have a situation now where the road is constantly exposed to damage. You ride around, you're looking at rocks, you're not really seeing the lake. I mean, this seems to have so many great features to me."

Christie Bleck can be reached at 906-228-2500, ext. 250.

Save

Log In 8+1 0

Subscribe to Mining Journal

Sponsored From Around the Web



Finding

Designer

Do THIS

Time)

Before Eating

Carbs (Every

Brands Online

Secret Trick to Why Women Are Flocking to This Incredible





You Knew

Wrong



Tricks Car Insurance Agents Don't Want You to About Golf Is Know





New Shopping

Site



When You

Testosterone

Supplement

Take a





How New iPads are Selling for Under \$40



Reveals

Look

Anyone's Past

Online, Take a



0

