

MEETING DATE: June 9, 2016

TITLE: Authorization to Enter into Contracts for the Gray's Bay Shoreline Restoration

RESOLUTION NUMBER: 16-058

PREPARED BY: Tiffany Schaufler

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REVIEWED BY: Administrator Counsel Program Director:
 Board Committee Engineer Other

WORKSHOP ACTION:

<input type="checkbox"/> Advance to Board mtg. Consent Agenda.	<input type="checkbox"/> Advance to Board meeting for discussion prior to action.
<input type="checkbox"/> Refer to a future workshop (date):_____	<input type="checkbox"/> Refer to taskforce or committee (date):_____
<input type="checkbox"/> Return to staff for additional work.	<input type="checkbox"/> No further action requested.
<input checked="" type="checkbox"/> Other (specify): Seeking final action at June 9, 2016 Board Workshop.	

PURPOSE or ACTION REQUESTED:

Authorization to execute contracts with:

- Wetland Habitat Restorations, LLC. for the Gray's Bay shoreline planting in the amount of \$15,448.05 and establish a not-to-exceed budget of \$16,992.85.
- Wetland Habitat Restorations, LLC. for Gray's Bay upland planting in the amount of \$15,446 and establish a not-to-exceed budget of \$17,021.60.

Authorization to enter into an agreement with Hennepin County in which Hennepin County will install coconut bio-rolls along the Gray's Bay shoreline for the District with reimbursement from the District not-to-exceed \$15,500.

PROJECT/PROGRAM LOCATION:

Grays Bay Causeway in the City of Wayzata

PROJECT TIMELINE:

- June 2016: Install plantings

PROJECT/PROGRAM COST:

Fund name and number: Highway 101 Causeway Reconstruction, 3149

Current budget: \$1,604,308

Expenditures to date: \$0

Requested amount of funding: \$49,514.45

PAST BOARD ACTIONS:

- October 24, 2013 – Resolution to express support for working with Hennepin County on a plan for vegetated reinforced soil slopes in the Grays Bay causeway, and direct the staff to prepare a plan in consultation with the County, along with a project budget and cost share resolution.
- December 12, 2013 – Resolution to direct staff to:
 1. Communicate its commitment to reviewing the Bushaway Road Project for compliance with all MCWD rules, recommending enhancements to the Project as submitted by Hennepin County beyond current regulatory requirements for which the MCWD would take financial responsibility;
 2. These enhancements would include the design, construction and maintenance of the Wayzata Bay Restoration Shoreline Project, to be installed after the County has completed seawall construction and with a County funding contribution equal to the cost of the riprap design presented on October 24, 2013;
 3. The MCWD enhancements also would include improvements to stormwater management facilities, and the MCWD will be responsible for enhancements to the Project beyond those presented by the County on October 24, 2013 that exceed MCWD requirements for the entire project within the City of Wayzata.
- January 23, 2014
 - Approval of MCWD Permit 13-460
 - Resolution 14-008: Authorization to execute a Cooperative Agreement with Hennepin County for CSAH 101
- October 23, 2014 – Resolution 14-088: Authorization to execute a Cooperative Agreement with the City of Minnetrista to effect a transfer of the fee title interest in 3.26 acres of land to MCWD, for purposes of floodplain mitigation to fulfill the District’s regulatory obligation under permit 13-460 Bushaway Road.
- February 26, 2015 – Public Hearing for Highway 101 Causeway Reconstruction Project
- March 26, 2015 – Ordering of Highway 101 Causeway Reconstruction Project
- April 28, 2016 – Resolution 16-043: Authorization to Execute Contracts for Design and Construction Oversight for the Highway 101 Causeway Shoreline Reconstruction Project

SUMMARY:

Following review of Hennepin County’s proposed improvement to CSAH 101, at the October 24, 2013 Board Meeting, the Board of Managers resolved to express support for working with Hennepin County to develop a vegetated solution to the Grays/Wayzata Bay Causeway shoreline, including a project budget and plan to finance. The District and the County entered into a cooperative agreement that allows the District to install and maintain vegetated reinforced soil slopes (VRSS) and related bioengineering and vegetation features along the causeway facing both Wayzata and Gray’s Bays, with a \$30,000 reimbursement from Hennepin County. Pursuant to the terms of the agreement, the District may enter the causeway once the County’s CSAH 101 roadway reconstruction is completed in order to perform its shoreline work. The County has completed roadway work on the causeway facing Gray’s Bay and is now maintaining bank stabilization features pending the District’s work.

In March 2015, the Board ordered the Highway 101 Causeway Reconstruction Project which includes both the causeway shoreline restoration work (“causeway element”) and the independent but associated flood storage replacement work (“flood storage element”). The causeway element of the project is proposed to include both

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Resolutions are not final until approved by the Board and signed by the Board Secretary.**

the Wayzata and Gray’s Bay shorelines. For the Wayzata Bay shoreline component the District proposes to create a shoreline using VRSS and bioengineering techniques in areas where only sheet pile exists today. For the Gray’s Bay shoreline component the District proposes to enhance shoreline habitat by installing native plantings into the existing shoreline where conditions allow.

In April 2016, the Board approved a design and landscape contract for the Gray’s/Wayzata Bay causeway shorelines. When the design and landscape contract was approved staff noted that the Gray’s Bay shoreline component would be designed and installed prior to the Wayzata Bay shoreline. This was proposed for two reasons. The first reason is that Hennepin County needs to install a railing on the cantilever trail which overhangs the Gray’s Bay shoreline, therefore the District would like to take advantage of being able install the plant material without having to work around the railing which would likely drive up installation costs. The second reason is that the Gray’s Bay shoreline is ready to be planted in its current condition, therefore it is beneficial to implement the proposed plantings as soon as possible to enhance the shoreline habitat.

The proposed landscape plans for the Gray’s Bay shoreline include herbaceous emergent plantings, live stake/ bare root plantings, upland tree and shrub plantings, and irrigation for the upland plantings. The District broke the Gray’s Bay shoreline planting plan into two contracts – shoreline and upland plantings, in an effort to attract a variety of contractors who may have specific interest in only shoreline or upland plantings. The District then solicited quotes for both contracts. For the shoreline planting contract the District solicited quotes from three contractors and received two quotes:

Contractor	Quote
Wetland Habitat Restorations, LLC	\$ 15,448.05
Minnesota Native Landscapes	\$ 20,169.00

Staff recommends awarding the shoreline planting contract to Wetland Habitat Restorations, LLC. in the amount of \$15,448.05 and establish a not-to-exceed budget of \$16,992.85.

For the upland planting contract the District solicited quotes from five contractors and received two quotes:

Contractor	Quote
Wetland Habitat Restorations, LLC	\$ 15,466
Great Northern Landscapes, Inc.	\$ 25,260

Staff recommends awarding the shoreline planting contract to Wetland Habitat Restorations, LLC. in the amount of \$15,466 and establish a not-to-exceed budget of \$17,021.60.

As part of the Gray’s Bay shoreline restoration, the District also desires to have a coconut bio-roll installed along the length of the shoreline to protect the shoreline for several years while the plantings are establishing. Last fall Hennepin County installed straw bio-rolls to stabilize and prevent erosion from the causeway bank post-construction. The present bio-rolls have degraded and require replacement. District staff inquired if the County would be willing to have its erosion control contractor install coconut bio-rolls instead of the straw bio-rolls on the Gray’s Bay shoreline, and then have the District cover the cost difference. The County has verbally agreed to this proposal and is currently drafting an agreement under which the County would install the coconut bio-roll and then be reimbursed by the District up to a not-to-exceed amount of \$15,500. Expenditure on unnecessary straw bio-roll would be avoided, and the District would benefit through this agreement by being able to take advantage of the County’s existing erosion control contractor, which provided a very reasonable quote for the coconut bio-roll installation.

RESOLUTION

RESOLUTION NUMBER: 16-058

TITLE: **Authorization to Enter into Contracts for the Gray's Bay Shoreline Restoration**

WHEREAS, the Minnehaha Creek Watershed District (MCWD) has adopted a watershed management plan (WMP) in accordance with Minnesota Statutes §103B.231; and

WHEREAS, the WMP identifies the Highway 101 Causeway Reconstruction Project ("Project") as a capital improvement project for the purpose of water quality and ecological benefits through the promotion of bioengineering techniques within the Lake Minnetonka subwatershed; and

WHEREAS, on March 26, 2015, the MCWD Board of Managers ordered the Highway 101 Causeway Reconstruction Project; and

WHEREAS, it is in the interest of the MCWD to proceed with planting work along the Gray's Bay shoreline at this time to save on costs by being able to install the plantings before the railing over the Gray's Bay cantilever trail is installed and that the current condition of the shoreline would benefit from installation of the plantings as soon as possible to enhance the shoreline habitat value; and

WHEREAS, separate shoreline and upland planting quotes were obtained to attract a variety of contractors who many only have specific interest in only the shoreline or upland plantings; and

WHEREAS, MCWD staff has solicited quotes for shoreline plantings along the Gray's Bay shoreline and has received quotes from two contractors, and Wetland Habitat Restorations, LLC. submitted a low quote of \$15,448.05; and

WHEREAS, MCWD staff has solicited quotes for upland plantings along the Gray's Bay shoreline and has received quotes from two contractors, and Wetland Habitat Restorations, LLC. submitted a low quote of \$15,466.

NOW, THEREFORE, BE IT RESOLVED that the District Administrator is authorized, on advice from District Counsel, to enter into a contract with Wetland Habitat Restorations, LLC. in the amount of \$15,448.05 for shoreline planting along Gray's Bay and that the Board establishes a shoreline planting budget in the not-to-exceed amount of \$16,992.85 and authorizes the District Administrator, in his judgement, to authorize change orders obligating the District up to that amount; and

BE IT FURTHER RESOLVED that the District Administrator is authorized, on advice from District Counsel, to enter into a contract with Wetland Habitat Restorations, LLC. in the amount of \$15,466 for upland planting along Gray's Bay and that the Board establishes an upland planting budget in the not-to-exceed amount of \$17,021.60 and authorizes the District Administrator, in his judgement, to authorize change orders obligating the District up to that amount; and

BE IT FINALLY RESOLVED that the MCWD Board of Managers authorizes the Board President to execute an agreement with Hennepin County, on advice from District Counsel, under which Hennepin County will agree to install coconut bio-rolls along the Gray's Bay shoreline and the District will agree to reimburse Hennepin County for that work, with a commitment of up to \$15,500.

Resolution Number 16-058 was moved by Manager _____, seconded by Manager _____.
Motion to adopt the resolution ___ ayes, ___ nays, ___ abstentions. Date: _____.

Secretary Date: _____