

CITY of NOVI CITY COUNCIL

**Agenda Item 1
September 9, 2019**

SUBJECT: Consideration of Approval of Change Order No. 6 to L. J. Construction, Inc. for the 2018-2019 Boardwalk Repair Program, in the amount of \$304,244.95.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division

EXPENDITURE REQUIRED	\$ 304,244.95
AMOUNT BUDGETED	\$364,355 204 Fund FY 2018-19 Budget Rollover \$127,620 400 Fund FY 2018-19 Budget Rollover
APPROPRIATION REQUIRED	\$ 0
LINE ITEM NUMBER	204-204.00-974.476 400-204.00-974.476

BACKGROUND INFORMATION:

The Engineering and Field Operations Divisions' have created a plan to refurbish and restore the city's vast boardwalk network. Staff evaluated and categorized each of the 36 city-owned boardwalks for maintenance, repair, or replacement based on the condition and usage. The first categorization was to determine which boardwalks could be maintained by in-house staff from the Field Operations Division and which boardwalks required more extensive rehabilitation by a qualified contractor. The developed categorization generated a list of fourteen (14) boardwalks that needed this special, contractor attention.

On October 22, 2018, City staff brought to City Council a recommendation to award a contract to L. J. Construction, Inc., in the amount of \$544,847.00. Based on the approved budget at the time, this contract concentrated on the six (6) highest rated boardwalks (Boardwalk No.'s 1, 3, 4, 11, 14 and 17) out of the 14 for immediate repair or replacement. Later a change order was issued to L. J. Construction to add boardwalks 5, 8, 15 and 33 via approval by City Council on February 25, 2019, in the amount of \$316,390.00.

Boardwalk No. 10, located on the west side of Beck Road, along the south property frontage of the Kirkway Place development (which was also on the list of 14), was previously added to the 8 Mile Pathway (Garfield to Napier) contract and contractor (Koala-T Construction). Two small sections of this boardwalk were in such poor condition that it had been closed for a long period of time. Due to the amount of usage this boardwalk receives, the City decided to immediately issue a change order to Koala-T Construction in order to accelerate its reopening. The work included removal and replacement of the two damaged areas of approximately 50-feet each, along with helical piers.

After about six months, the remainder of Boardwalk No. 10 (Kirkway Boardwalk) started showing signs of deflection and settlement. Therefore, complete removal and replacement of the remainder of this boardwalk, minus the helical piers installed at the

two small segments earlier with Koala-T Construction, is required. City staff requests the approval of Change Order No. 6 in the estimated amount of \$304,244.95 to L. J. Construction, Inc. It is anticipated construction would begin in late September.

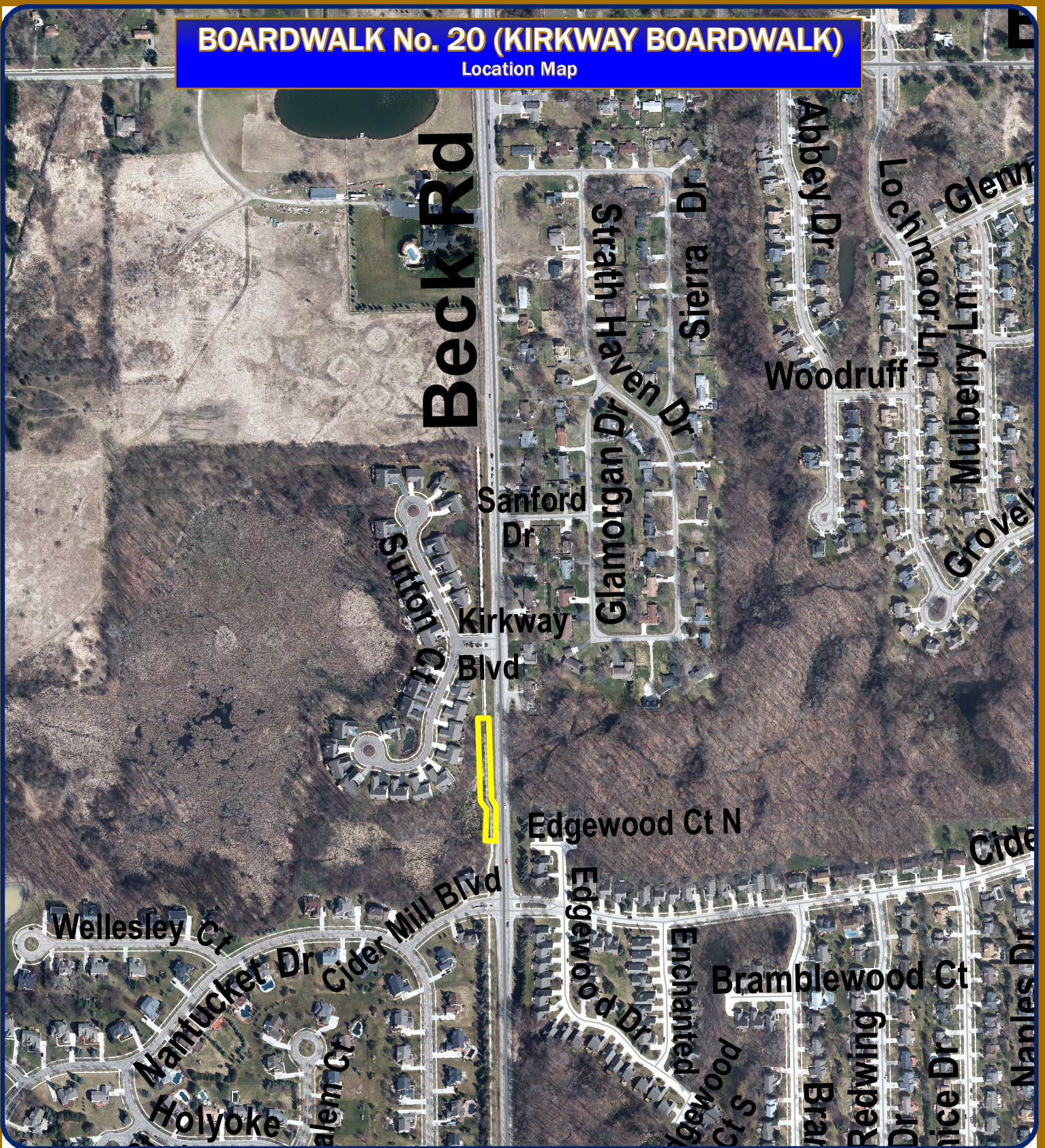
The table below breaks down each Change Order issued toward this contract:

CHANGE ORDER	AMOUNT	REASONING
1	\$63,252.00	Adjusted the repair types to multiple boardwalks due to unforeseen subsoils.
2	\$39,408.00	Added helical pier depth to Boardwalk No. 20 (Bellagio) to reach a stable foundation.
3	\$316,390.00	Added Boardwalks 5, 8, 15 & 33 to L. J.'s contract via City Council approval on February 25, 2019.
4	-\$22,131.50	Final balancing of contract line items upon as-built quantities.
5	\$9,300.00	Modification of two-line item quantities that were incorrectly balanced on Change Order No. 4.
6	\$304,244.95	Current request to completely remove and replace Boardwalk No. 10 (Kirkway Boardwalk).
TOTAL	\$710,463.45	

RECOMMENDED ACTION: Approval of Change Order No. 6 to L. J. Construction, Inc. for the 2018-2019 Boardwalk Repair Program, in the amount of \$304,244.95.

BOARDWALK No. 20 (KIRKWAY BOARDWALK)

Location Map

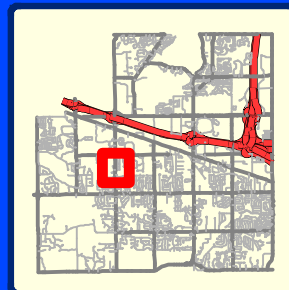


Map Author: Aaron Staup
Date: August 26, 2019
Project: 2018/19 Boardwalks
Version #: 1

Amended By:
Date:
Department:

MAP INTERPRETATION NOTICE

Map information depicted is not intended to replace or substitute for any official or primary source. This map was intended to meet National Map Accuracy Standards and use the most recent, accurate sources available to the people of the City of Novi. Boundary measurements and area calculations are approximate and should not be construed as survey measurements performed by a licensed Michigan Surveyor as defined in Michigan Public Act 132 of 1970 as amended. Please contact the City GIS Manager to confirm source and accuracy information related to this map.



City of Novi

Engineering Division
Department of Public Services
26300 Lee BeGole Drive
Novi, MI 48375
cityofnovi.org

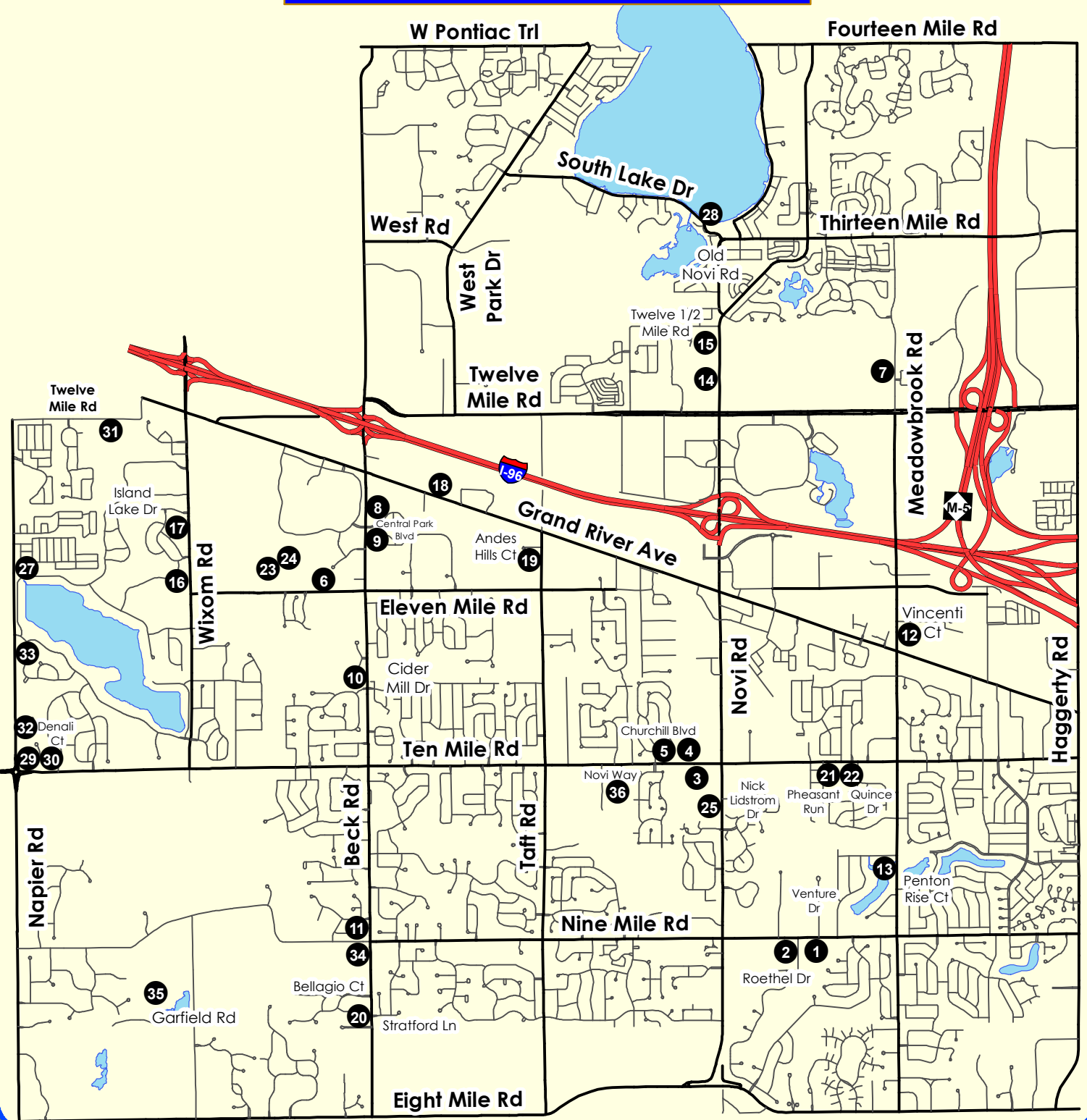
Feet
0 95 190 380 570

1 inch = 460 feet



Novi Boardwalk Inventory ID's

Location Map



Map Author: Joseph Akers
 Date: May 30, 2018
 Project: Beck Road Boardwalks
 Version #: 1

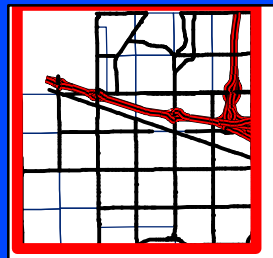
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Boardwalk Repair Locations



City of Novi

Engineering Division
 Department of Public Services
 26300 Lee BeGole Drive
 Novi, MI 48375
 cityofnovi.org

Feet

0 850 1,700 3,400 5,100

1 inch = 4,190 feet



