



BOARD OF COMMISSIONERS AGENDA

November 10, 2022

12:00PM – COMMISSION ROOM – 116 W CENTER ST

Please join the Zoom meeting from your computer, tablet or smartphone.

<https://us06web.zoom.us/j/83180834666>

You can also dial in using your phone.

+1 312 626 6799

Meeting ID: 831 8083 4666

CALL TO ORDER

PLEDGE OF ALLEGIANCE

ROLL CALL

ADOPT AGENDA

NEW BUSINESS

- 1) Discussion and action regarding street improvement projects and options to avoid street closures

PUBLIC COMMENT

ANNOUNCEMENTS

ADJOURN

Anyone wishing to speak to an item on the agenda must be acknowledged by the chair and come to the podium to address the Mayor and City Commission. Addressing other audience members will not be permitted.

Supplementary agenda information may be accessed at www.cityofmadisonsd.com

If special accommodations are necessary to attend any Board of Commissioners meeting, please contact the Finance Office at (605) 256-7500 at least 24 hours before meeting time. All attempts shall be made to accommodate a request.

City of Madison
Memorandum – 9th Street Closure Alternatives



To: Mayor and City Commission
From: Jameson Berreth, City Administrator
Subject: 9th Street closure alternatives
Date: November 10, 2022

The City of Madison received information Monday, November 7th that further construction progress on RD Phase 1B and 9th/Union Improvements would soon be halted due to unexpected schedule delays and seasonal weather conditions. Streets associated with RD Phase 1B would have temporary surfacing installed to allow for winter usage. However, temporary surfacing on 9th Street for the 9th/Union Improvements is not feasible without a change to the project designs, resulting in closure of 9th Street during the winter months until construction can resume in spring of 2023. The 9th Street intersections with West and Chicago Avenue would remain open for north/south access. This is the first point the City was made aware that street closure may be a potential scenario. City elected officials directed staff to identify and explore ways to maintain street usage during the winter.

There are three segments of 9th Street currently under construction.

Segment A: From US HWY 81 (Highland Ave) to Olive Ave. No residential properties in this segment.

Segment B: Olive Ave to West Ave. Two residential properties not requiring accessing 9th Street.

Segment C: West Ave to Chicago Ave. One residential property requiring access to 9th Street and one not requiring access.



City staff along with Banner Associates have prepared four options for consideration.

Option 1 – No changes

No further work to the roadway except to open the Chicago and West intersections and ensuring adequate temporary driveway to 725 9th Street. The remainder of 9th Street would be closed. No cost to the City and no action required.

Option 2 – Install temporary surfacing

This work would be low cost but the material not suitable to be paved upon and need to be fully replaced in the spring. The temporary surface consists of Geotextile Fabric, 8" Base Course, and additional 8" Unclassified Excavation. Cost for installation is around \$14,100 for Segment B and \$9,800 for Segment C. Spring

replacement would have additional costs yet to be determined. This work would be change in quantity of items and not require a change order. This option allows for winter traffic.

Option 3 – Alternative subbase section at Segment C

This option installs additional subbase material along Segment C allowing the area to be paved upon in the spring. Section consists of Geotextile Fabric, 8" Unclassified Excavation, 10" Subbase Foundation Aggregate, 10" Base Course. Cost is approximately \$26,500. Change Order #1 accommodates this change. If not completed now, this work may be required in the spring due to soil density although cost would likely be lower. This option when combined with Option 2 at Segments A and B allows for winter traffic along all of 9th Street.

Option 4 – Alternative subbase section at Segments B and C and shoulder work at Segment A

This option provides the same work outlined in Option 3 for both Segments B and C. Cost is approximately \$64,500. Change Order #2 accommodates this change. Shoulder work required along Segment A would be completed by contractor but already contained within contract and therefore not included in Change Order #2. This option allows for winter traffic along all of 9th Street.

Staff recommendation: Staff recommend approval of Change Order #2 to pursue Option 4. The alternative subbase section is likely required at some point in time along Segment C, and this option allows for paving upon the surface in the spring rather than removal. Any closure of 9th Street through the winter also would be contrary to City communication to the public. Staff also recommend prohibiting heavy vehicles to limit wear on the surfacing. This could be done through load limits, signage, and cameras.

Date of Issuance: 11/10/2022	Effective Date: 11/10/2022
Owner: City of Madison	Owner's Contract No.:
Contractor: Winter Contracting, Inc.	Contractor's Project No.:
Engineer: Banner Associates, Inc.	Engineer's Project No.: 23885.00
Project: NW 9 th St/Union Ave Reconstruction	Contract Name:

The Contract is modified as follows upon execution of this Change Order:

Description:

Modify roadway section to include thickened subbase section on NW 9th St between West Ave and Chicago Ave

Modify Subbase Foundation Aggregate Bid Price for quantity over 125% of planned quantity.

Attachments: Quantity Breakout and Adjustment of Subbase Foundation Aggregate Bid Price over 125% of planned quantity.

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES <i>[note changes in Milestones if applicable]</i>
Original Contract Price: \$ 3,475,000.00	Original Contract Times: Substantial Completion: <u>October 28, 2022</u> Ready for Final Payment: <u>November 18, 2022</u> days or dates
[Increase] [Decrease] from previously approved Change Orders No. ___ to No. ___: \$ 0	[Increase] [Decrease] from previously approved Change Orders No. ___ to No. ___: Substantial Completion: <u>N/A</u> Ready for Final Payment: <u>N/A</u> days
Contract Price prior to this Change Order: \$ 3,475,000.00	Contract Times prior to this Change Order: Substantial Completion: <u>Same as above</u> Ready for Final Payment: <u>Same as above</u> days or dates
[Increase] [Decrease] of this Change Order: \$ 26,000.00	[Increase] [Decrease] of this Change Order: Substantial Completion: <u>None</u> Ready for Final Payment: _____ days or dates
Contract Price incorporating this Change Order: \$ 3,501,000.00	Contract Times with all approved Change Orders: Substantial Completion: <u>October 28, 2022</u> Ready for Final Payment: <u>November 18, 2022</u> days or dates

RECOMMENDED:		ACCEPTED:		ACCEPTED:	
By: _____	By: _____	By: _____	By: _____	By: _____	By: _____
Title: <u>Engineer (if required)</u>	Title: <u>Owner (Authorized Signature)</u>	Title: _____	Title: _____	Title: _____	Title: <u>Contractor (Authorized Signature)</u>
Date: <u>11/10/2022</u>	Date: _____	Date: _____	Date: _____	Date: _____	Date: _____

Approved by Funding Agency (if applicable)

By: _____ Date: _____
Title: _____

Change Order No. 1 Quantity Breakout

9TH STREET ALTERNATIVE ROADWAY SECTION BETWEEN OLIVE AND WEST AVE (19,984 FT2)

	DESCRIPTION	UNITS	TOTAL QUANTITY	UNIT PRICE	TOTAL VALUE	INCREASED COST FROM ORIGINAL DESIGN
Original Planned Section						
	Geotextile Fabric	SY	2221	\$3.25	\$7,218.25	
	12" Base Course	Ton	1499	\$23.00	\$34,477.00	
TOTAL =					\$41,695.25	
Alternative Subbase Section						
	Geotextile Fabric	SY	2221	\$3.25	\$7,218.25	
	8" Unclassified Excavation	CY	494	\$14.00	\$6,916.00	
	10" Subbase Foundation Aggregate	Ton	1249	\$29.50	\$36,845.50	
	10"Base Course	Ton	1249	\$23.00	\$28,727.00	
TOTAL =					\$79,706.75	
						\$38,011.50
Temporary Surfacing Section						
	Geotextile Fabric	SY	2221	\$3.25	\$7,218.25	
	8"Base Course	Ton	1000	\$23.00	\$23,000.00	
	8" Unclassified Excavation	CY	494	\$14.00	\$6,916.00	
TOTAL =					\$37,134.25	
						\$14,134.25

Date of Issuance: 11/9/2022	Effective Date: 11/10/2022
Owner: City of Madison	Owner's Contract No.:
Contractor: Winter Contracting, Inc.	Contractor's Project No.:
Engineer: Banner Associates, Inc.	Engineer's Project No.: 23885.00
Project: NW 9 th St/Union Ave Reconstruction	Contract Name:

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Modify roadway section to include thickened subbase section on NW 9th St between Olive Ave and Chicago Ave

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Attachments: Quantity Breakout

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES <i>[note changes in Milestones if applicable]</i>
Original Contract Price: \$ 3,475,000.00	Original Contract Times: Substantial Completion: <u>October 28, 2022</u> Ready for Final Payment: <u>November 18, 2022</u> days or dates
[Increase] [Decrease] from previously approved Change Orders No. ___ to No. ___: \$ 0	[Increase] [Decrease] from previously approved Change Orders No. ___ to No. ___: Substantial Completion: <u>N/A</u> Ready for Final Payment: <u>N/A</u> days
Contract Price prior to this Change Order: \$ 3,475,000.00	Contract Times prior to this Change Order: Substantial Completion: <u>Same as above</u> Ready for Final Payment: <u>Same as above</u> days or dates
[Increase] [Decrease] of this Change Order: \$ 64,500.00	[Increase] [Decrease] of this Change Order: Substantial Completion: <u>None</u> Ready for Final Payment: _____ days or dates
Contract Price incorporating this Change Order: \$ 3,539,500.00	Contract Times with all approved Change Orders: Substantial Completion: <u>October 28, 2022</u> Ready for Final Payment: <u>November 18, 2022</u> days or dates

RECOMMENDED:		ACCEPTED:		ACCEPTED:	
By: _____	By: _____	By: _____	By: _____	By: _____	By: _____
Title: Prime Professional	Title: Mayor	Title: _____	Title: _____	Title: _____	Title: _____
Date: 11/10/2022	Date: _____	Date: _____	Date: _____	Date: _____	Date: _____

Approved by Funding Agency (if applicable)

By: _____ Date: _____
Title: _____

Change Order No. 2 Quantity Breakout

9TH STREET ALTERNATIVE ROADWAY SECTION BETWEEN OLIVE AND CHICAGO AVE

	DESCRIPTION	UNITS	TOTAL QUANTITY	UNIT PRICE	TOTAL VALUE	INCREASED COST FROM ORIGINAL DESIGN
Original Planned Section						
	Geotextile Fabric	SY	3766	\$3.25	\$12,239.50	
	12" Base Course	Ton	2542	\$23.00	\$58,466.00	
TOTAL =					\$70,705.50	
Alternative Subbase Section						
	Geotextile Fabric	SY	3766	\$3.25	\$12,239.50	
	8" Unclassified Excavation	CY	838	\$14.00	\$11,732.00	
	10" Subbase Foundation Aggregate	Ton	2118	\$29.50	\$62,481.00	
	10"Base Course	Ton	2118	\$23.00	\$48,714.00	
TOTAL =					\$135,166.50	
						\$64,461.00
Temporary Surfacing Section						
	Geotextile Fabric	SY	3766	\$3.25	\$12,239.50	
	8"Base Course	Ton	1696	\$23.00	\$39,008.00	
	8" Unclassified Excavation	CY	838	\$14.00	\$11,732.00	
TOTAL =					\$62,979.50	
						\$23,971.50