

Utah Transit Authority
 669 West 200 South
 Salt Lake City, Utah 84101
 Phone: (801) 741-8885
 Fax: (801) 741-8892



CHANGE ORDER
 No. 4

TITLE: Change to Titan Concrete Mix DATE: 6/18/2021
 PROJECT/CODE: MSP185 - Ogden-WSU BRT/Weber Intermodal This is a change order to CONTRACT No: 19-3114BM
 TO: Stacy and Witbeck, Inc.
 ATTN: Keith Tarkalson

DESCRIPTION OF CHANGE: Brief scope, references to scope defining documents such as RFIs, submittals, specified drawings, exhibits, etc.

Weber State University had requested all sidewalks on campus use a 'Titan' mix per their standard specifications. This mix allows for the campus to put salt/snow melt on the concrete without waiting a year. This was requested during design but unfortunately not included in the original bid. This change order for \$248,604.00 is for the difference in cost of the concrete as well as the additional finishers required to install it.

Direction or Authorization to Proceed (DAP) previously executed: YES ___ NO X

It is mutually agreed upon, there is a schedule impact due to this Change order: YES ___ NO X

The amount of any adjustment to time for Substantial Completion and/or Guaranteed Completion or Contract Price includes all known and stated impacts or amounts, direct, indirect and consequential, (as of the date of this Change Order) which may be incurred as a result of the event or matter giving rise to this Change Order. Should conditions arise subsequent to this Change Order that impact the Work under the Contract, including this Change Order, and justify a Change Order under the Contract, or should subsequent Change Orders impact the Work under this Change Order, UTA or the Contractor may initiate a Change Order per the General Provisions, to address such impacts as may arise.

Current Change Order		Contract		Schedule	
Lump Sum:	\$248,604	Original Contract Sum:	\$61,572,136	Final Completion Date Prior to This Change:	10/9/2023
Unit Cost:	-	Net Change by Previously Authorized Changes:	\$79,765	Contract Time Change This Change Order (Calendar Days):	0
Cost Plus:	-	Previous Project Total:	\$61,651,901	Final Completion Date as of This Change Order:	10/9/2023
Total:	\$248,604	Net Change This Change Order:	\$248,604		
		Current Project Total:	\$61,900,505		

ACCEPTED:

By: _____
 Date: _____

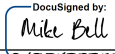
Keith Tarkalson
 Stacy and Witbeck, Inc.

By: _____
 Date: _____
 Andrea Pullos
 Project Manager <\$10,000

By: _____
 Date: _____
 David Hancock
 Director of Capital Construction <\$50,000

By: _____
 Date: _____
 Mary DeLoretto
 Chief Service Dev Officer <\$100,000

By: _____
 Date: _____
 Brian Motes
 Procurement

By: 
 Date: 6/25/2021
 Michael Bell
 Legal Review

By: _____
 Date: _____
 Carolyn M. Gonot
 Executive Director >\$100,000



Change Order Summary Worksheet
Previously Authorized Changes

Contract	19-3114BM SWI
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Change Order No	Date	Amount of CO	Running Contract Total	Subject
Original Contract			\$61,572,136	
1	11/20/2020	\$0	\$61,572,136	Ogden BRT Phase 2 Early Utility Work and Demolition
2	3/19/2021	\$0	\$61,572,136	Phase II Construction Services Amendment
3	5/21/2021	\$79,765	\$61,651,901	25th and Washington Ogden City Water Line
Total to Date		\$ 79,765		



May 21, 2021

SWI Change Order Request 003

Andrea Pullos
Project Manager
Utah Transit Authority
669 West 200 South
Salt Lake City, UT 84101

Reference: Ogden WSU BRT Project
UTA Contract No.: 19-3114BM
RFI 041 – Titan Concrete Mix
Submittal 063 – 4000 PSI UDOT AA(AE) & AA(P) 7.5 Bag Mix Design

Subject: Change to Titan Mix @ WSU Campus

Dear Andrea,

We are pleased to provide the attached cost estimate to upgrade prescribed areas of flatwork on WSU campus to Staker Parson's Titan Mix. The attached RFI 041 response includes drawings that detail the limits of this change. We are requesting a change order in the amount of **\$248,604.00 and 0 additional days**.

If you have any questions or need any additional information, please do not hesitate to contact us.

Sincerely,
Stacy and Witbeck, Inc.

Maverick Gibbons
Construction Manager

Stacy & Witbeck, Inc.
 1574-PCO-027 UTA Ogden-WSU BRT PCO 027 - TITAN MIX
 Steve Smith, SS

ESTIMATE SUMMARY (COSTS)

Bid #	Engr Bid#	Quantity Unit	Manhrs /Unit	Direct Labor	Perm Matl	Constr Matl	Equip-Ment	Sub-Contr	Direct Total	Indirect Charge	Total Cost	Biditem U. Cost
10000	1	1.000	LS					207,558	207,558	41,046	248,604	248,604.01
Change to Titan Mix @ WSU Campus												
TOTALS:								207,558	207,558	41,046	248,604	
PROJECT INDIRECTS						41,046			41,046			
QC & QA (Incl Staff)						5,708			5,708			
Insurance Deductables						1,342			1,342			
Insurance						3,356			3,356			
Bonds						3,692			3,692			
Risk (4%)						8,302			8,302			
CMGC Fee (7.5%)						18,645			18,645			
INDIRECT TOTALS:						41,046			41,046			
COST TOTALS						41,045			207,558	248,604	248,604	

----- ESTIMATE NOTES: -----

Bid Date: 01/01/2021 Owner: Engineering Firm: Parsons Transportation Group
 Estimator-In-Charge: MM HoldAcct= N Subitems= N NonAdd= N

** in front of the Biditem indicates a Non-Additive item
 Last Summary on 05/21/2021 at 3:51 PM.
 Last Spread on 05/21/2021 at 3:51 PM.



170 South 1200 West
 North Salt Lake, Utah 84054
 (801) 280-1232
 (801) 280-6423 Fax

PROJECT:

COR #

DATE:

JUSTIFICATION:

	Qty	Unit	Unit Price	Total
1 Cost increase to Titan w/ mesh over originally mix				
Concrete	1,520	CY	\$ 65.50	\$ 99,560.00
2 Additional Finishers - 231.25 pours X 2 additional finisher X 4 hrs/pour X 50.55 \$/hr				
2021 Labor	1,850	HR	\$ 50.55	\$ 93,517.50

Subtotal	\$ 193,078
Mark-up and Overhead 7.5%	\$ 14,481
Total	\$ 207,558



Company: UTA
 Contract #: 1903114
 Address: 669 West 200 South
 Salt Lake City, UT 84101
 Title: Titan Concrete Mix

RFI Type: Designer RFI
 Issue Id: MSP185-RFI0041
 CDRL: N/A

Project:	MSP185 - Ogden-WSU BRT/Weber Intermodal	Action Item ID:	MSP185-RFI0041-A001
Reference Drawing/Specification:		Status:	Open
Submittal 063		Importance:	High
Originator:	Kat Acero	Date Opened:	5/6/2021
To:	Greg Thorpe (HNTB),Andrea Pullos,Jason Phillips,Chris Price,Chad Downs	Due Date:	5/8/2021
CC:	Greg Thorpe,Matthew Carter,Hans Hubrich,Katrina Kalafatis	Date Closed:	
		Completed:	5/11/2021
RFI Description:		Days Open:	6

Per the Submittal 063 Response (attached), Chad Downs with WSU asked the designers to verify that the concrete mix that had been submitted was comparable to Staker Parson's Titan Mix, which is the standard mix design used for flat work on campus. The mix designs that had been submitted are not comparable to the Titan mix that WSU is requesting.

SWI & Design propose using the Titan Mix for flat work at the WSU Campus in the areas highlighted in the attached exhibit.

Please confirm.

The estimated ROM is \$150,000.00 - \$200,000.00.

Action Requested
 For Formal Response

Designer Response: Statement of No Objection with Comments
Description of Response:

See attachment from Chris Price of Titan Mix Limits. Titan mix agreed to be used within the busway in Central Campus and not used outside Central Campus where UTA is responsible for long-term maintenance of pavement.

ACTION TAKEN: Statement of No Objection with Comments

Andrea Pullos 05/11/21 07:53 AM

Name (Print) Date

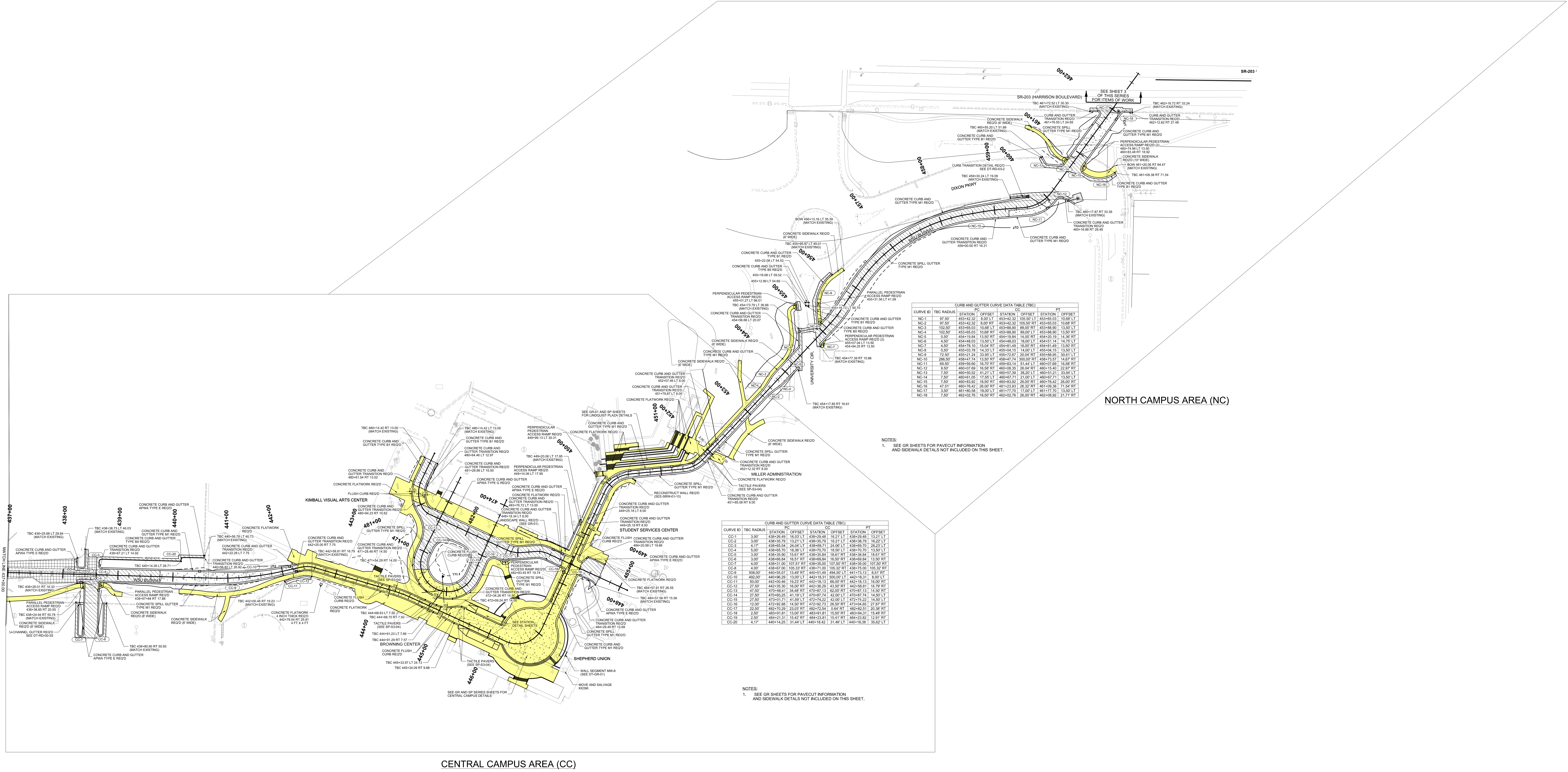
Project Manager

Andrea Pullos

Title

Signature

Completed by Reviewer				Completed by Designer/Contractor			Completed by UTA or during Comment Resolution Meeting			
Comment No	Sheet/Page No	Comment	Reviewer	Response Code	Response Action	Responder	Disposition Code	Disposition Date	Disposition Notes	Disposition User
1	RD-01, RD-02	Per discussion at the segment meeting on 05/06/21, Titan mix will be used in flatwork areas within the WSU campus and within the busway in the central campus area in areas with anticipated pedestrian activity. Titan mix will not be used within the busway in areas outside Central Campus where UTA is responsible for long-term maintenance of pavement. This information and limits were reviewed in the meeting on 5/6/21 and the limits have been updated to reflect the outcome of that discussion. The final agreed upon limits of Titan Mix are attached in the figure Titan_Mix_Limits_RFI_0041_20210510.pdf	Chris Price 5/10/2021 3:11:32 PM							



LEGEND

- SHARED USE PATH
- PAVEMENT SECTION
- ROTUMUL OVERLAY SECTION
- FULL PAVEMENT SECTION
- UTRITY TRENCH PAVEMENT RECONSTRUCTION

NOTES

- ALL DIMENSIONS ARE CALLED OUT TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- SEE NOTES FOR ALIGNMENT DATA.
- SEE DT-80-05 FOR CURB, CURB AND GUTTER TRANSITION, FLOWABLE END SECTION, DRIVEWAY, AND SPS BACK DETAILS.
- SEE RW SHEETS FOR PARCEL LOCATION AND INFORMATION.
- SEE SRW AND LW SHEETS FOR RETAINING WALL DETAILS.
- AREAS SHOWN FOR UTILITY TRENCH PAVEMENT RECONSTRUCTION INDICATE WIDTH OF FULL-DEPTH TRENCH. SEE DT-01-01 FOR ASPHALT GRANULAR PATCH WIDTH REQUIREMENTS.

RELEASE FOR CONSTRUCTION

JACOBS

UTA

ODENSEN/SRT FINAL DESIGN

NSW SEGMENT

ROADWAY

USE IF NEEDED FOR NOTES

SCALE: 1"=40'-0"

DATE: 05/20/24

BY: [Signature]

UTAH TRANSPORTATION AUTHORITY