### APRIL 27, 2011 CTRMA BOARD OF DIRECTORS MEETING Summary Sheet

## AGENDA ITEM # 6

Approve a change order to the 183A Phase II contract with Webber LLC to install two underground utility encasements.

**Department: Engineering** 

Associated Costs: Not to Exceed \$270,791.08

**Funding Source: Bond Sales** 

**Board Action Required: Yes** 

Description of Matter: This Change Order includes the installation of utility encasements under Hero Way and the 183A mainlanes on the north side of RM 2243.

The CTRMA initiated this revision to provide continued support of development along the 183A Corridor and for the City of Leander. Construction of the utility encasements during the current construction activity is cost effective and will reduce future impacts to the facility.

**Attached documentation for reference:** 

**Draft Change Order No. 14** 

**Contact for further information:** 

Wesley M. Burford, P.E., Director of Engineering

CENTRAL TEXAS REGIONAL DRAFT CHANGE ORDER NU		DRAFT
Central Texas Regional Mobility Authority		Project Name 183A Phase II
1. CONTRACTOR: Webber LLC		
2. Change Order Work Limits: Sta. <u>N/A</u> to	Sta. <u>N/A</u>	Contract Name 183A Phase II
3. Type of Change(on federal-aid non-exempt projects):	<u>N/A</u> (Major/Minor)	Contract Award Date December 21, 2009
	ance - Primary first)	Contract Number: 10183A24601C
5. Describe the work being revised: <b>5a. Install encasement pipes for future utilities</b>		Number: 10183A24601C
7. New or revised plan sheet(s) are attached and number	Yes  No Sial Specification Item <u>N/A</u>	are attached.
The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time, overhead and profit; or loss of compensation as a result of this change.	Time Ext. #: <u>N/A</u>	Days added on this CO: 0
THE CONTRACTOR Date	Amount added by this char	nge order: \$270,791.08
	For CTRMA use only:	
Ву	Original Contract Amount	\$75,792,413.92
Typed/Printed Name	Previous Change Orders #0 Amount added by this chan	
	Revised contract amount to	
Typed/Printed Title		
RECOMMENDED FOR EXECUTION:		
HNTB GEC Project Manager Date	CTRMA, Directo	r of Engineering Date
HNTB GEC Construction Manager Date	CTRMA, Ger	neral Counsel Date
	CTRMA, Exec	cutive Director Date

#### 183A Phase II Project

CHANGE ORDER NUMBER: 14

TABLE A: Force Account Work and Materials Placed into Stock

Estimated Cost:

EQUIPMENT	HOURLY RATE	HRS	MARKUP %	ITEM COST	OVERRUN / UNDERRUN	
3/4 TON TRUCK	\$25.20	\$5.00		\$126.00	\$126.00	
EQUIPMENT MARKUP			15%	\$18.90	\$18.90	
LABOR						
SURVEYOR CREW	\$54.00	\$5.00		\$270.00	\$270.00	
LABOR COMPENSATION MARKUP			25%	\$67.50	\$67.50	
INSURANCE & TAXES MARKUP			55%	\$148.50	\$148.50	
BOND						
Bond @1%				\$2,473.18	\$2,473.18	
SUBCONTRACTOR						
Sub @ 5%				\$12,747.00	\$12,747.00	
SUBTOTAL				\$15,851.08	\$15,851.08	

TABLE B: Contract Items

				ORIGI	NAL + PREVIOUS	LY REV	/ISED	NEW				
CHANGE ITEM	REASON CODE	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE		ITEM COST	QUANTITY	UNIT PRICE	ITEM COST	OVERRUN/ UNDERRUN	QUANTITY CHANGE
				0.00	\$-	\$	-	0.00	\$ -	\$0.00	\$0.00	0.00
				0.00	\$-	\$	-	0.00	\$-	\$0.00	\$0.00	0.00
				0.00	\$-	\$	-	0.00	\$-	\$0.00	\$0.00	0.00
				0.00	\$	\$	-	0.00		\$0.00	\$0.00	0.00
				0.00	\$	\$	-	0.00	\$-	\$0.00	\$0.00	0.00
				0.00	\$	\$	-	0.00		\$0.00	\$0.00	0.00
				0.00	\$	\$	-	0.00	\$-	\$0.00	\$0.00	0.00
				0.00	\$	\$	-	0.00		\$0.00	\$0.00	0.00
				0.00	\$-	\$	-	0.00	\$-	\$0.00	\$0.00	0.00
				0.00	\$	\$	-	0.00		\$0.00	\$0.00	0.00
				0.00	\$	\$	-	0.00		\$0.00	\$0.00	0.00
				0.00	\$-	\$	-	0.00	\$-	\$0.00	\$0.00	0.00
						\$	-					
EXTRA WORK ITEM	REASON CODE	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE		ITEM COST	QUANTITY	UNIT PRICE	ITEM COST	OVERRUN/ UNDERRUN	QUANTITY CHANGE
476-XXX1	3F	JACKING, BORING, OR TUNNELING PIPE - UTILITY ENCASEMENT #2	UNIT	0.00	\$-	\$	-	1.00	\$ 91,490.00	\$91,490.00	\$91,490.00	1.00
476-XXX2	3F	JACKING, BORING, OR TUNNELING PIPE - UTILITY ENCASEMENT #3	UNIT	0.00	\$-	\$	-	1.00	\$ 163,450.00	\$163,450.00	\$163,450.00	1.00
				0.00	\$-	\$	-	0.00	\$ -	\$0.00	\$0.00	0.00
				0.00	\$-	\$	-	0.00	\$ -	\$0.00	\$0.00	0.00
				0.00	\$ -	\$	-	0.00	\$ -	\$0.00	\$0.00	0.00
					\$-	\$	-	0.00		\$0.00	\$0.00	0.00
					\$ -	\$	-	0.00		\$0.00	\$0.00	0.00
					\$ -	\$	-	0.00		\$0.00	\$0.00	0.00
				0.00	\$-	\$	-	0.00	\$ -	\$0.00	\$0.00	0.00
					\$ -	\$	-	0.00	-	\$0.00	\$0.00	0.00
					\$-	\$	-	0.00		\$0.00	\$0.00	0.00
				0.00		\$	-	0.00		\$0.00	\$0.00	0.00
				0.00	\$-	\$	-	0.00		\$0.00	\$0.00	0.00
				0.00	\$-	\$	-	0.00		\$0.00	\$0.00	0.00
		SUBTOTAL ENCASEMENTS				İ				\$254,940.00	\$254,940.00	
	TOTALS				\$	-			\$270,791.08	\$270,791.08	2.00	

# DRAFT

## CHANGE ORDER REASON(S) CODE CHART

1. Design Error or Omission	1A. Incorrect PS&E
	1B. Other
2. Differing Site Conditions	2A. Dispute resolution (expense caused by conditions and/or resulting delay)
(unforeseeable)	2B. Unavailable material
(unioresceable)	2C. New development (conditions changing after PS&E completed)
	2D. Environmental remediation
	2E. Miscellaneous difference in site conditions (unforeseeable)(Item 9)
	,
	2G. Unadjusted utility (unforeseeable)
	2H. Unacquired Right-of-Way (unforeseeable)
	21. Additional safety needs (unforeseeable)
	2J. Other
3. CTRMA Convenience	3A. Dispute resolution (not resulting from error in plans or differing site conditions)
	3B. Public relations improvement
	3C. Implementation of a Value Engineering finding
	3D. Achievement of an early project completion
	3E. Reduction of future maintenance
	3F. Additional work desired by the CTRMA
	3G. Compliance requirements of new laws and/or policies
	3H. Cost savings opportunity discovered during construction
	31. Implementation of improved technology or better process
	3J. Price adjustment on finished work (price reduced in exchange for acceptance)
	3K. Addition of stock account or material supplied by state provision
	3L. Revising safety work/measures desired by the CTRMA
	3M. Other
4. Third Party Accommodation	4A. Failure of a third party to meet commitment
4. Third Farty Accommodation	
	4B. Third party requested work
	4C. Compliance requirements of new laws and/or policies (impacting third party)
	4D. Other
5. Contractor Convenience	5A. Contractor exercises option to change the traffic control plan
	5B. Contractor requested change in the sequence and/or method of work
	5C. Payment for Partnering workshop
	5D. Additional safety work/measures desired by the contractor
	5E. Other
6. Untimely ROW/Utilities	6A. Right-of-Way not clear (third party responsibility for ROW)
-	6B. Right-of-Way not clear (County responsibility for ROW)
	6C. Utilities not clear
	6D. Other

### GENERAL MEETING OF THE BOARD OF DIRECTORS OF THE CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

### **RESOLUTION NO. 11-037**

### Approve a Change Order to the 183A Phase II Contract with Webber LLC to Install Two Underground Utility Encasements.

WHEREAS, by Resolution No. 09-81, dated December 17, 2009, the Board of Directors awarded a construction contract for 183A Phase II Project (the "Project") to W.W. Webber LLC ("Webber"), and authorized and directed the Executive Director to finalize and execute a contract with Webber for provision of those services; and

WHEREAS, Contract No. 10183A24601C for construction of the Project (the "Contract") was fully executed by CTRMA and Webber and became effective on February 1, 2010; and

WHEREAS, CTRMA staff and its general engineering consultant have requested that Webber prepare and submit a proposal to install two underground utility encasements under Hero Way and the 183A mainlanes on the north side of RM 2243 in connection with the construction of the Project; and

WHEREAS, because the additional cost of Change Order No. 14 exceeds \$150,000.00, the Board of Directors must approve this proposed change order.

NOW THEREFORE, BE IT RESOLVED, that the Board of Directors approves the proposed Change Order No. 14 in the form or substantially the same form attached as Attachment "A;" and

BE IT FURTHER RESOLVED, that Change Order No. 14 may be finalized and executed by the Executive Director on behalf of CTRMA if and when the Executive Director receives a binding commitment from one or more of the ultimate users of encasements to reimburse CTRMA for its costs to install the encasements.

Adopted by the Board of Directors of the Central Texas Regional Mobility Authority on the 27<sup>th</sup> day of April, 2011.

Submitted and reviewed by:

Approved:

Andrew Martin General Counsel for the Central Texas Regional Mobility Authority Ray A. Wilkerson Chairman, Board of Directors Resolution Number: 11-037Date Passed: 4/27/11

### ATTACHMENT "A" TO RESOLUTION 11-037

**Draft Work Authorization #14** 

[Following 3 Pages]