

Engineer's Seal:

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Document Type: Change Order Memorandum
Subject: Change Order 11
Project: 0912-31-304; CR 58
Description: Retaining Wall Work on Sidewalk

Change Order No. 11 (CO 11) provides a new work item to construct a two foot tall retaining wall attached to the sidewalk at STA 77+94.52 to STA 80+50.00. This change order does not impact the critical path, therefore no time adjustments are made.

The contract plans, designed by Austin Mclean, P.E., of McDonough Engineering, provide for the reconstruction and widening of CR 58 from CR 48 to the Savannah Development. The Contractor, ICON, remains on-site and continues to perform the contract according to the plans and the 2014 Texas Standard Specifications. All change order work is within the project limits.

The CR 58 project was designed to have a small variable height retaining wall which attaches to the sidewalk between STA 77+95 and STA 80+50. This work is shown on plan sheet 66. The wall is designed to attached to the sidewalk through a footing and a thickened end to support the structure. This cross section is shown on the typical section plan sheet 4. These two plan sheets are attached to this change order for reference.

The retaining wall is required since the elevation at the Right-of-Way (ROW) line is approximately 3 feet higher than the sidewalk according to the design cross sections. The natural land then continues to rise after the ROW line with landscaping that is maintained by the local Homeowners association. This wall allows for a reasonable slope to be maintained both on and off the ROW at this location.

The contract plans do not show a specific work item for this retaining wall; Rather, the area is shown as the same sidewalk item as the remainder of the project. There is also no

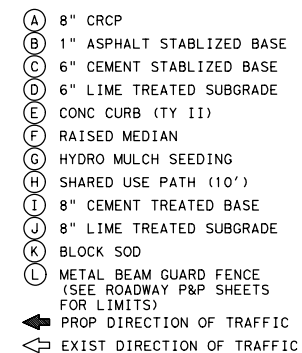
notes stating that the work is subsidiary to the sidewalk. Therefore, this change order proposes to add item 529-6015 "CONC CURB (TY C1)" to complete the retaining wall.

The contractor has agreed to perform the work under the current statewide 12-month average low bid unit price, which is \$153.36/LF. Since this pricing is based on competitive bids around the state, this pricing is considered fair and reasonable. This change order will add a total of \$39,180.41 to the contract.

This change order includes plan sheets 4 and 66 for reference only.

No amended or additional environmental clearance, permits or authorizations are required for this change order.

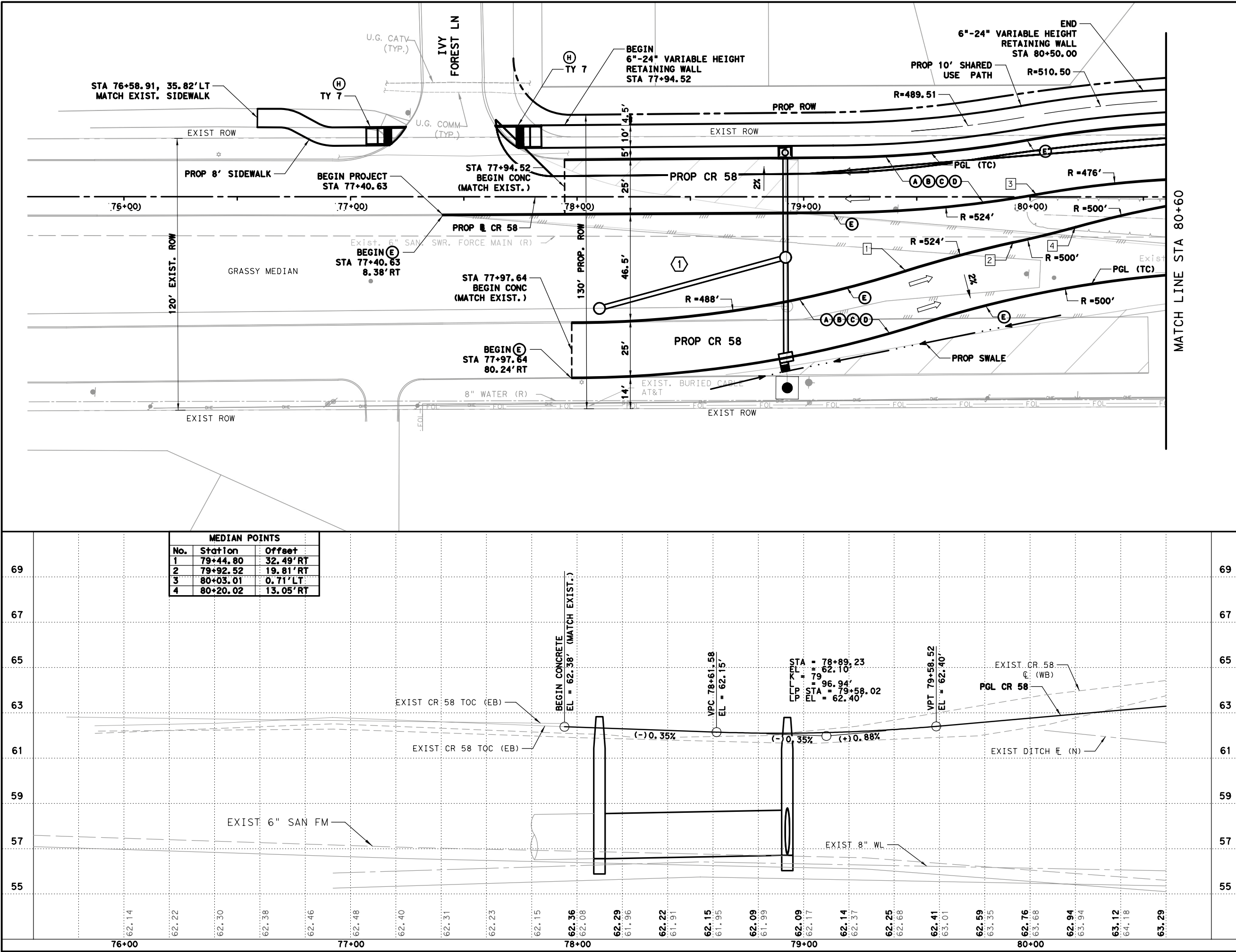
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**BRAZORIA COUNTY
ENGINEERING DEPARTMENT**

FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
12	TEXAS	STP 1702 (437) MM			CR 58
STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
HOU	BRAZORIA	0912	31	304	4

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1/23/2023 4:05:16 PM
PEN TABLE: CR 58.tbl
PLOT DRIVER: txdot_pdf_grayscale.plt



HORZ 0' 20' 40'
VERT 0' 2' 4'

LEGEND:

- (A) 8" CRCP
- (B) 1" ASPHALT STABILIZED BASE
- (C) 6" CEMENT STABILIZED BASE
- (D) 6" LIME TREATED SUBGRADE
- (E) 6" CONC CURB (TY II)
- (F) BLOCK SOD
- (G) FAST TRACK CONCRETE PAVEMENT
- (H) PEDESTRIAN RAMP & LANDING
- (I) CONC MEDIAN PAVING
- (J) 8" CEMENT TREATED BASE
- (K) 8" LIME TREATED SUBGRADE
- [Symbol] DIRECTION OF TRAFFIC
- [Symbol] MEDIAN POINT
- [Symbol] DRIVEWAY NUMBER
- [Symbol] TYPICAL SECTION NUMBER
- PROP ROW
- CURB & GUTTER
- PROP DITCH FLOW LINE
- PROP HIGH BANK

- NOTES:**
- ALL DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
 - STATION AND OFFSET BASED ON CR-58 UNLESS OTHERWISE NOTED.
 - ALL DRIVEWAY RADIUS SHALL BE 15' UNLESS OTHERWISE NOTED.
 - SEE HORIZONTAL ALIGNMENT LAYOUT AND HORIZONTAL ALIGNMENT DATA SHEETS FOR MORE ALIGNMENT DETAILS.

McDONOUGH
Civil Engineers & Project Managers
TBPLS Firm Registration No. 10103900
TBPE Registration No. F-000340
5625 Schumacher Lane (713) 975-9990
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BRAZORIA COUNTY
ENGINEERING DEPARTMENT

CR 58
FROM SAVANNAH DEVELOPMENT TO CR 48
ROADWAY PLAN & PROFILE
BEGIN TO STA 80+60

SHEET 1 of 7

FED. RD. DIV. NO.	STATE	PROJECT NO.	HIGHWAY NO.
12	TEXAS	STP 1702(437)MM	CR 58
STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.
HOU	BRAZORIA	0912	31
		JOB NO.	SHEET NO.
		304	66

Winkler, Michael

From: Winkler, Michael
Sent: Tuesday, March 18, 2025 7:41 AM
To: Chris Burke; Keith Burke; David Griffin; Francisco Coronado
Cc: McCulloch, Evan; Kristy Nimon; Barbara Martinez; Wael Tabara; William Stidman
Subject: RE: CR 58 Retaining Wall Bid Item

Chris,

We discussed the retaining wall with the County yesterday. Since the work seems well defined and can be performed under the TCP for the sanitary sewer, we would like to get a change order estimate rather than use a force account.

Can you provide a change order estimate for the retaining wall work? Please use the C1 curb item for the estimate.

Thank you,

Mike Winkler, PE
AECOM
(281) 702-4247 (Cell)

From: Winkler, Michael
Sent: Wednesday, March 12, 2025 12:11 PM
To: Barbara Martinez <BarbaraM@brazoriacountytx.gov>; Wael Tabara <WaelT@brazoriacountytx.gov>; William Stidman <WilliamS@brazoriacountytx.gov>
Cc: McCulloch, Evan <Evan.McCulloch@aecom.com>; Francisco Coronado <Francisco@icontx.com>; Keith Burke <Keith@icontx.com>; Chris Burke <chris@icontx.com>; David Griffin <david@icontx.com>; Kristy Nimon <Kristy.Nimon@txdot.gov>
Subject: CR 58 Retaining Wall Bid Item

Barbara/Wael,

I had met with ICON about the small retaining wall on the west end of the project. It is a 2' wall that holds the embankment for the Savannah Development landscaping where there is currently a cut. I attached the plan sheet cross section on sheet 4, it anchors with a footing that is attached to the sidewalk as one unit. I have done this before in other districts, since it is specialized compared to the rest of the sidewalk there is normally a different pay item.

It does not appear that we have a Sidewalk (MOD), Specialized Curb, or Retaining Wall item in the contract or a general note relating to it. The last time I had seen a wall attached to the sidewalk, we used item 529-6015 "CONC CURB (TY C1)" for a 3' tall one in Amarillo. If we do need to add an item, I would propose this same one. The current TxDOT 3-month Average Low Bid Price is \$200.91/LF and we have 255.48 LF. Based on this, it would be about \$52,000 worth of work.

Can you review and let me know your opinion if we need to pursue a change order? I have copied ICON and TxDOT here as well so we are all in on the discussions.

Thank you,

Mike Winkler, PE
AECOM
(281) 702-4247 (Cell)

Winkler, Michael

From: Chris Burke <chris@icontx.com>
Sent: Thursday, April 3, 2025 11:58 AM
To: Winkler, Michael; Keith Burke
Cc: Francisco Coronado; Wael Tabara; Barbara Martinez; William Stidman; Kristy Nimon; McCulloch, Evan; David Griffin
Subject: Re: CR58_ Work to Complete the Project

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Mike,

iCON agrees to 5 working days for the TCP asphalt and 5 working days to complete the sanitary force main. Please note that the item for barricades, signs and handling will need to be reimbursed based on the full duration of Phase 5 implementation.

iCON will also agree to install the retaining wall at the 12 month average of \$153.36/LF.


Regards,



BUILDING THE FUTURE


CHRIS BURKE

COO

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 Chris@iCONTX.com

 iCONTX.com

 (713) 551-ICON (4266)

25700 I-45 Suite 400, The Woodlands, Tx 77386

Bid@iCONTX.com



Bid Item Averages

Filters:

Standard Specification Code

529

Bid Item

529-6015

Actual Let Date Range

Last 12 months

Bidder Rank

1st Bidder

Adjust filters to refine your analysis of bid item average costs.

Use Qty Filter:

NO

Enter Min Qty

0.0008

Enter Max Qty

9,795,410

Show Chart

Data Date: 4/7/2025 1:05:52 PM

BID ITEM	BID ITEM DESCRIPTION	UNIT OF MEASURE	Min. Bid Item Qty	Max. Bid Item Qty	Avg. Unit Price	Min. Unit Price	Max. Unit Price	Std. dev. of Unit Price	Median Unit Price
529-6015	CONC CURB (TY C1)	LF	10.0	3,720.0	\$153.36	\$50.00	\$250.00	\$67.53	\$166.04