

**CITY OF CORPUS CHRISTI
ENGINEERING SERVICES
CHANGE ORDER**



REVIEWED
By amlew at 9:50 am, Jan 14, 2021

CHANGE ORDER NO: 4 3	CHANGE ORDER DATE: 1/13/2021 01/21/2021
PROJECT: (RE-BID) Park Road 22 Lift Bridge (Bond 2004)	PROJECT NUMBER: 6281
CONTRACTOR: Haas-Anderson Construction	ORIGINAL CONTRACT TIME: 639 CD's
ENGINEER: Urban Engineering	

Make the following additions, modifications or deletions to the work described in the Contract Documents:

ADDITIONS	Quantity	Unit	Unit Price	Total
SECTION C - Bridge & Retaining Improvements				
C6 Drill Shaft 36"	599.6	LF	\$ 350.00	\$ 209,860.00
Additional Contract Time due to: added Scope of Work	10	DAYS	\$ -	\$ -
			Additions Total: \$	209,860.00
DELETIONS				
none				
1 n/a	0	LS	\$ -	\$ -
			Deletions Total: \$	-
Additional Calendar Days requested	10			
NET TOTAL OF THIS CHANGE ORDER: \$				209,860.00

Why was this Change necessary:

The plan quantities for the 36" drill shafts did not match the engineer plans which resulted in an overrun of the plan quantity by 599.6 LF. As a result, a change order is required to compensate the contractor for the work they're required to perform.

The compensation agreed upon in this Change Order is full, complete and final payment for all costs the Contractor may incur as a result of or relating to this change whether said costs are known, unknown, foreseen or unforeseen at this time, including without limitation, any cost for delay, extended overhead, ripple or impact cost, or any other effect on changed or unchanged work as a result of this Change Order.

Original Contract Amount	\$	13,943,536.00	
Maximum Change Order Contingency Amount (25%)	\$	3,485,884.00	
Remaining Available Contingency Amount (including this CO)	\$	2,688,448.50	2,710,824.00
Previously Approved Change Order Amount	\$	587,575.50	565,200.00
Proposed Change Order Amount	\$	209,860.00	
Revised Contract Amount	\$	14,740,971.50	14,718,596.00
Percent of Total Change Orders (including this CO)		5.72%	5.56%
Original Contract Time for Substantial Completion		639 CD's	
Notice to Proceed Date		6/29/2020	
Original Substantial Completion Date		3/30/2022	
Previously Approved Change Order Time		159 CD's	
Additional Time on This Change Order		10 CD's	
Revised Contract Time for Substantial Completion		808 CD's	
Revised Substantial Completion Date		9/15/2022	

REVIEWED BY:

Eng. Proj. Specialist	Karissa O'Neill
Constr. Supervisor	Amie Wojtaszyk
Constr. Inspector	Jim Jennings
Constr. Sr. Project Mgr.	Ruben Barrera

Initial	Date
KLO	1/13/2021
ADW	1/14/2021
JJ.	1/13/2021
R.B.	1/13/2021

REQUESTED BY: Haas-Anderson Construction

Scott Kelly 1/21/21

Scott Kelly Date
Project Manager

RECOMMENDED BY:

Brett Van Hazel

Digitally signed by Brett Van Hazel
Date: 2021.01.21 14:25:08
-06'00'

Brett Van Hazel Date
Construction Engineer

FUND: 3549-051 3548-051	n/a
ACCOUNT: 550910 3548	n/a
ACTIVITY: 170062-01-3549-EXP	n/a
AMOUNT: \$209,860.00	n/a

RECOMMENDED BY:

Jeff H. Edmonds Date
Director of Engineering Services

APPROVED BY:

Michael Rodriguez Date
Chief of Staff

RECOMMENDED BY: Electronic Approval 1/26/2021
Eddie Houlihan, Director Date
Management and Budget

APPROVED AS TO FORM: Kent McIlary Date
Assistant City Attorney

**CITY OF CORPUS CHRISTI
ENGINEERING SERVICES
CHANGE ORDER**



REVIEWED
By amiew at 9:50 am, Jan 14, 2021

CHANGE ORDER NO: 3	CHANGE ORDER DATE: 1/21/2021
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ENGINEER: Urban Engineering	

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INFORMATION ONLY

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REVIEWED BY:		Initial	Date	REQUESTED BY: Haas-Anderson Construction
Eng. Proj. Specialist	Karissa O'Neill	KLO	1/13/2021	
Constr. Supervisor	Amie Wojtasczyk	ADW	1/14/2021	
Constr. Inspector	Jim Jennings	JJ	1/13/2021	
Constr. Sr. Project Mgr.	Ruben Barrera	RB	1/13/2021	
				Scott Kelly Project Manager
				Date

CITY OF CORPUS CHRISTI

RECOMMENDED BY: <div style="border-bottom: 1px solid black; display: flex; justify-content: space-between; align-items: center;"> Brett Van Hazel Date </div> <div>Construction Engineer</div>	<div style="border: 1px solid black; padding: 5px;"> FUND: 3549-051 3548-051 ACCOUNT: 550910 3548 ACTIVITY: 170062-01-3549-EXP AMOUNT: \$209,860.00 </div>
RECOMMENDED BY: <div style="border-bottom: 1px solid black; display: flex; justify-content: space-between; align-items: center;"> Jeff H. Edmonds Date </div> <div>Director of Engineering Services</div>	APPROVED BY: <div style="border-bottom: 1px solid black; display: flex; justify-content: space-between; align-items: center;"> Michael Rodriguez Date </div> <div>Chief of Staff</div>
RECOMMENDED BY: <div style="border-bottom: 1px solid black; display: flex; justify-content: space-between; align-items: center;"> Eddie Houlihan, Director Date </div> <div>Management and Budget</div>	APPROVED AS TO <div style="border-bottom: 1px solid black; display: flex; justify-content: space-between; align-items: center;"> FORM: Kent Mcilyar Date </div> <div>Assistant City Attorney</div>

REQUEST FOR INFORMATION

RFI NO: 14
DATE: 1/5/2021

PROJECT NO: 6281
PROJECT NAME: Park Road 22 Bridge
ENGINEER: Urban Engineering

VENDOR: Haas-Anderson Construction, Ltd.
ADDRESS: P.O. Box 7692
Corpus Christi, TX 78467

ATTN: Construction Inspection
REGARDING: 36" Drill Shaft Quantity

DELIVERY ORDER NO: n/a
SITE NAME:

QUESTION BY: Scott Kelley
TITLE: Project Manager

SKETCHES AND/OR DRAWINGS ATTACHED? ☐ YES ☒ NO
DOES THIS PROBLEM/ISSUE IMPACT TIME AND/OR COST? ☐ YES ☒ NO

DRAWING NO: 110, 112, 117
Time: 10 Cost: \$ 209,860.00

WRITTEN DESCRIPTION OF PROBLEM

As shown on plan sheets 110 & 112, the interior bent drilled shaft lengths are 69.7 LF and abutment drilled shaft lengths are 50.7 LF. As shown on plan sheet 117, there are 36 interior bent drilled shafts and 32 abutment drilled shafts. This equates to a total drilled shaft length of 4,131.6 LF. The plan quantity is 3,532 LF.

CONTRACTOR RECOMMENDED SOLUTION

We would like a change order be issued to overrun item C6 by 599.6 LF. Based on an average length of 60.7588 LF/shaft this is 10 additional drilled shafts that we would like to add 1 calendar day of time added per drilled shaft to the project.

RESPONSE BY: Rhodes "Chip" Urban (sent via email, see attached)
TITLE: Project Engineer
DATE: 01/06/2021

Existing Line Item C6 Drill Shaft 36" 599.63LF @ \$350/LF= \$209,860.00

RECOMMENDED SOLUTION

At one point in the design phase of the project piling lengths were adjusted to reduce settling. The quantities provided by the structural engineer at final bid were not updated. There is no real excuse for this mistake, but the multiple times the project was stopped and restarted, changed and re-bid from 2011 to 2020 likely contributed to the mistake. Although the shaft lengths were shown correctly in the plans, the quantity was not correct. I believe the contractor's request for the change order is reasonable. Rhodes C Urban, P.E.
City of CC agrees with engineers response.
Ruben Barrera Sr. Project Mgr. 1/13/2021

RECOMMENDED APPROVAL OF IMPACT TO TIME AND/OR COST? ☐ YES ☒ NO Time: Cost: \$ 209,860.00

IS ANY FURTHER ACTION REQUIRED? IF SO, WHAT? BY WHOM?

A Change order for the \$209,860.00 will be drafted for the overrun item C6 by 599.6 LF. and 1 calendar day added to time per drilled shaft.

APPROVING AUTHORITY: Ruben Barrera

DATE: 1/13/2021

Email Backup for Change Order #4 for Additional Drill Shafts

From: Rhodes Urban <ChipU@urbaneng.com>

Sent: Wednesday, January 6, 2021 3:48 PM

To: Jim Jennings <jimj@cctexas.com>; Ruben Barrera [Engineering] <RubenB@cctexas.com>

Cc: Ruben Barrera [Engineering] <RubenB@cctexas.com>; Karissa O'Neill <KarissaO@cctexas.com>

Subject: RE: 6281 - Park Road 22 Bridge - RFI #14 - 36" Drilled Shaft Quantity

I received the message below from the structural engineer we used for the bridge design. I apologize for not catching their mistake in our final bid set.

Hi Chip. The total quantity is 4,131.6 LF. The plan quantity figure of 3,532 LF was calculated and provided in the original drawing set in 2014. Over the course of several drawing updates and changes, occurring over several years, the quantity was increased to 4,131.6 LF. It appears to be an oversight that those changes didn't get reflected in the quantities which were included in the specifications.

Todd J. Stelma, P.E.

TEG Engineering, LLC

From: Jim Jennings <jimj@cctexas.com>

Sent: Wednesday, January 6, 2021 11:05 AM

To: Rhodes Urban <ChipU@urbaneng.com>; Ruben Barrera [Engineering] <RubenB@cctexas.com>

Cc: Ruben Barrera [Engineering] <RubenB@cctexas.com>; Karissa O'Neill <KarissaO@cctexas.com>

Subject: Re: 6281 - Park Road 22 Bridge - RFI #14 - 36" Drilled Shaft Quantity

Chip, Brett needs to know where the actual shortage is. Depth? Etc etc.

From: Ruben Barrera [Engineering] <RubenB@cctexas.com>

Sent: Wednesday, January 6, 2021 10:30:53 AM

To: 'chipu@urbaneng.com' <chipu@urbaneng.com>

Cc: Jim Jennings <jimj@cctexas.com>; Ruben Barrera [Engineering] <RubenB@cctexas.com>; Karissa O'Neill <KarissaO@cctexas.com>

Subject: FW: 6281 - Park Road 22 Bridge - RFI #14 - 36" Drilled Shaft Quantity

Chip,

Please see attached RFI #14 for your review and direction. Please answer RFI and send back to us with your solution and recommendations.

Regards,

Ruben Barrera

Senior Project Manager

City of Corpus Christi

Engineering Services (361) 815-0049

From: Scott Kelley <skelley@haas-anderson.com>

Sent: Wednesday, January 6, 2021 10:20 AM

To: Jim Jennings <jimj@cctexas.com>

Cc: Karissa O'Neill <KarissaO@cctexas.com>; Ruben Barrera [Engineering] <RubenB@cctexas.com>;

Rhodes Urban <ChipU@urbaneng.com>; Jim Parish <jparish@haas-anderson.com>

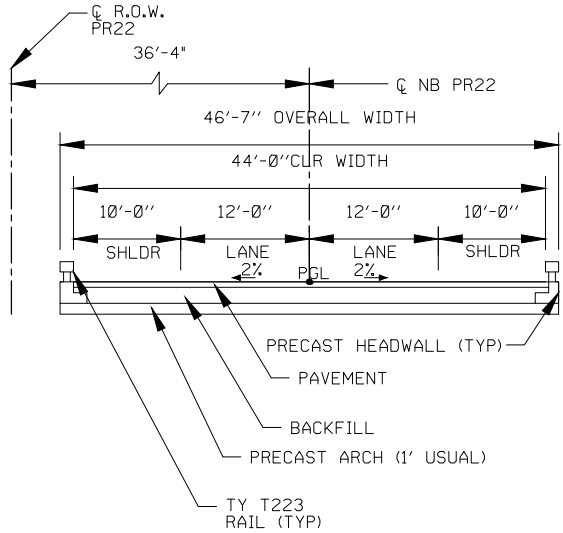
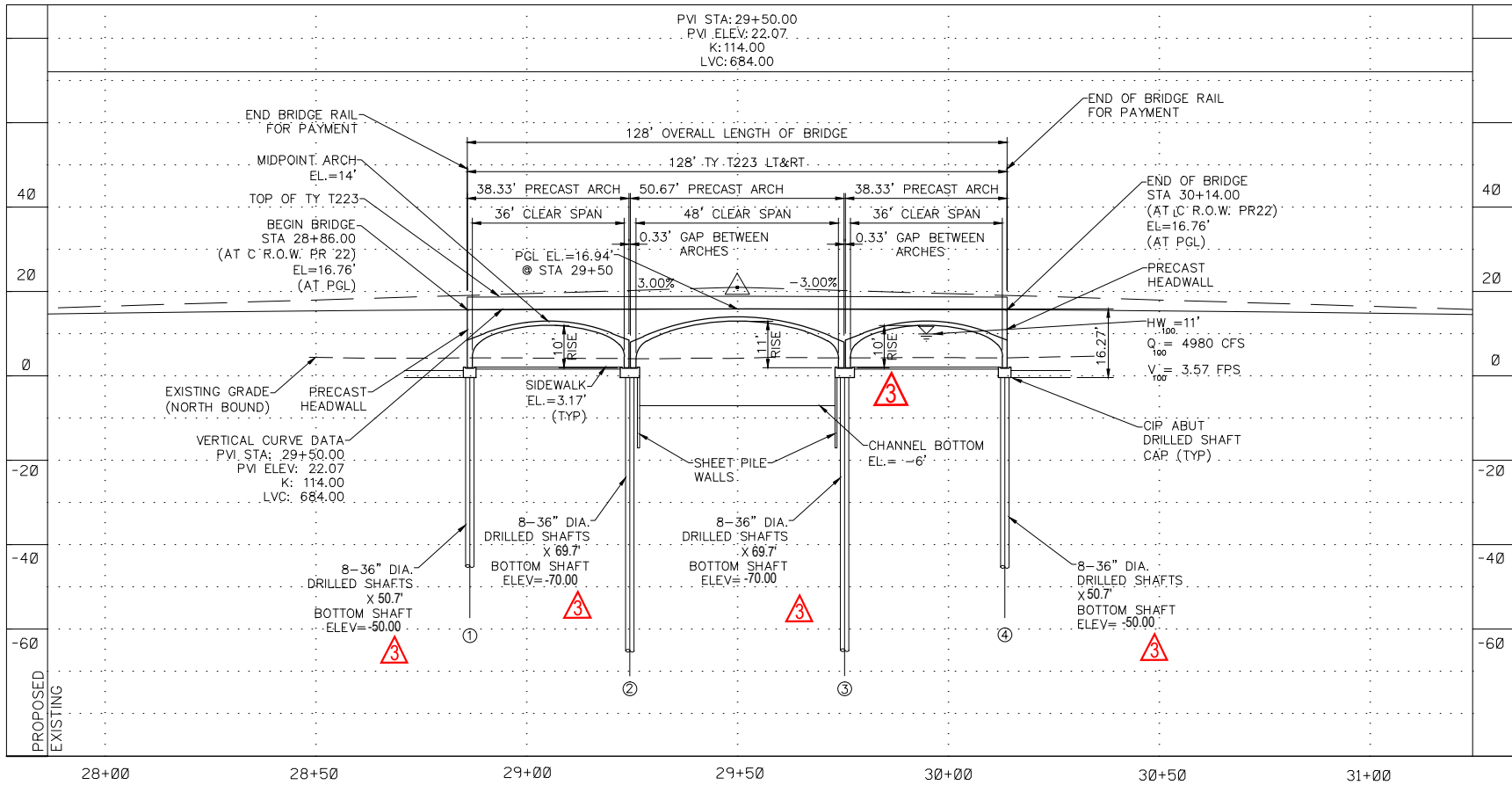
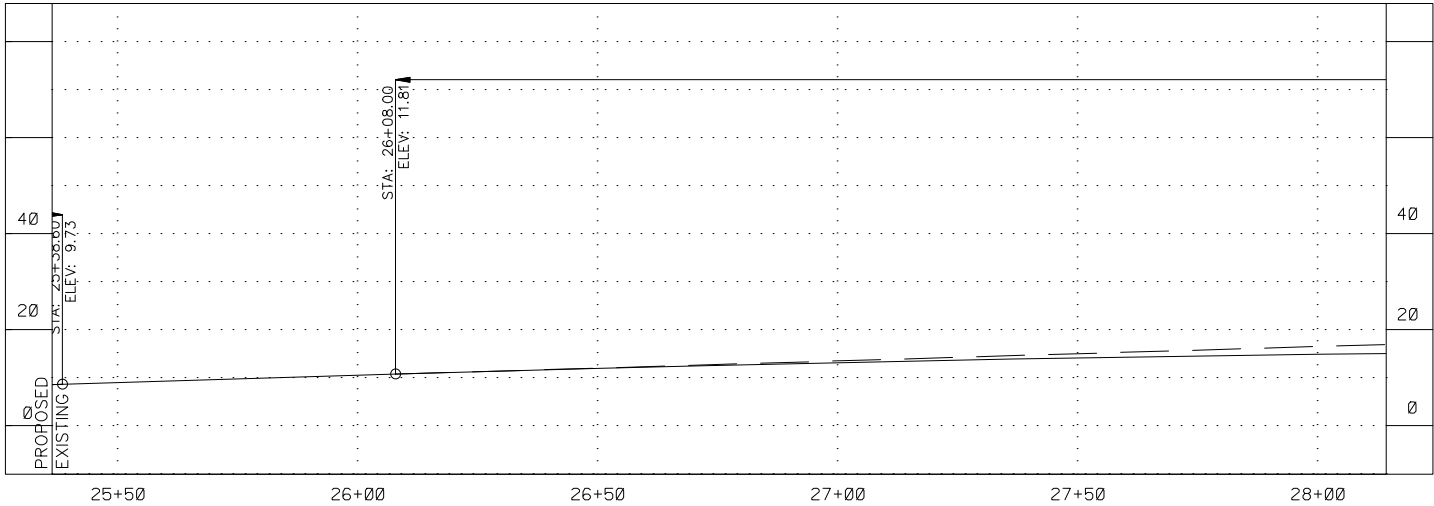
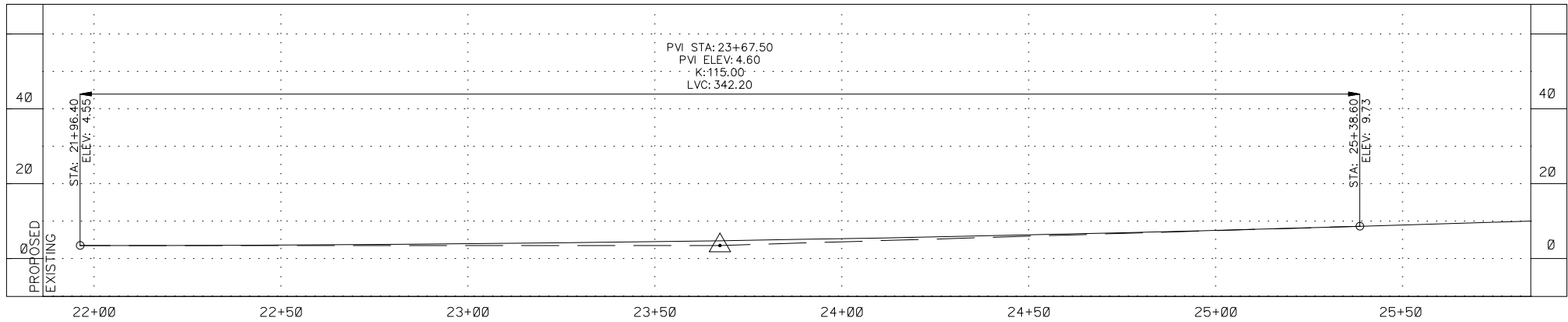
Subject: 6281 - Park Road 22 Bridge - RFI #14 - 36" Drilled Shaft Quantity

Jim,

See attached for RFI #14 - 36" Drilled Shaft Quantity on the 6281 - Park Road 22 Bridge project. If you have any questions, please let me know.

Thank you,

Scott Kelley



TYPICAL SECTION
NTS

NOTES:

1. DESIGNED IN ACCORDANCE WITH 6TH EDITION AASHTO LRFD BRIDGE SPECIFICATIONS HL-93 LOADING
2. DESIGN SPEED:55 MPH
3. ADT 2011:17054 VPD
4. ADT 2031:24021 VPD
5. FUNCTIONAL CLASSIFICATION:SUBURBAN ARTERIAL
6. NB: NEW
7. CONTRACTOR SHALL CALL TO VERIFY UTILITIES BEFORE DRILLING OPERATIONS
8. SEE SOIL BORING LOG SHEETS FOR BORING DATA



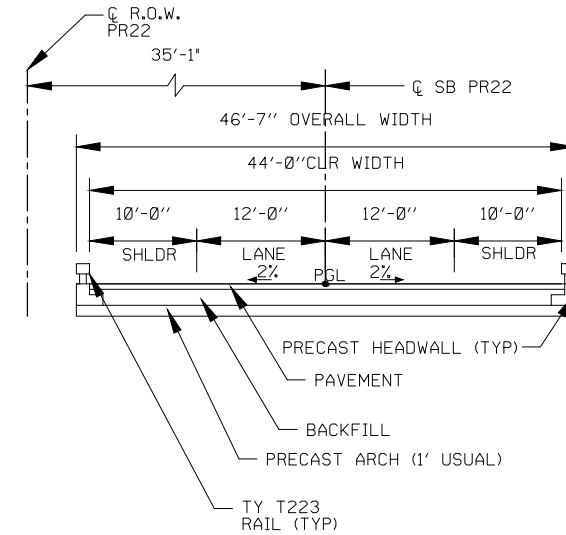
THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR IS TOTALLY RESPONSIBLE FOR COORDINATING THE LOCATION, AND PRESERVATION OF EXISTING DRY UTILITIES (ELECTRIC, TELEPHONE, CABLE, ETC.).

REBID AUGUST 2019		DESCRIPTION	
REVISION NO.	DATE	BY	DESCRIPTION
1	01/24/2020	JH	ADDENDA CHANGES INCORPORATED AND ISSUED FOR CONSTRUCTION
3	01/24/2020	JH	DELETED PED RAIL AND REVISED SHAFT ELEVATIONS PER SHEET STR-928
CITY OF CORPUS CHRISTI, TEXAS			
PARK ROAD 22 BRIDGE (BOND 2004)			
NB BRIDGE PROFILE 1			
SHEET 110 of 191			
RECORD DRAWING NO. STR-928			
CITY PROJECT # 6281			

CobbFendley
Texas Registration No. 274
1100 Northwest Loop 410, Suite 350
San Antonio, Texas 78213
210.326.4611 | Fax 210.326.4906
www.cobbhendley.com

URBAN
ENGINEERING
CORPUS CHRISTI, TEXAS
PHONE: 409.445.3700 | FAX: 409.445.3704
www.urbanengineering.com

U.E. JOB NO. 42481.00.00

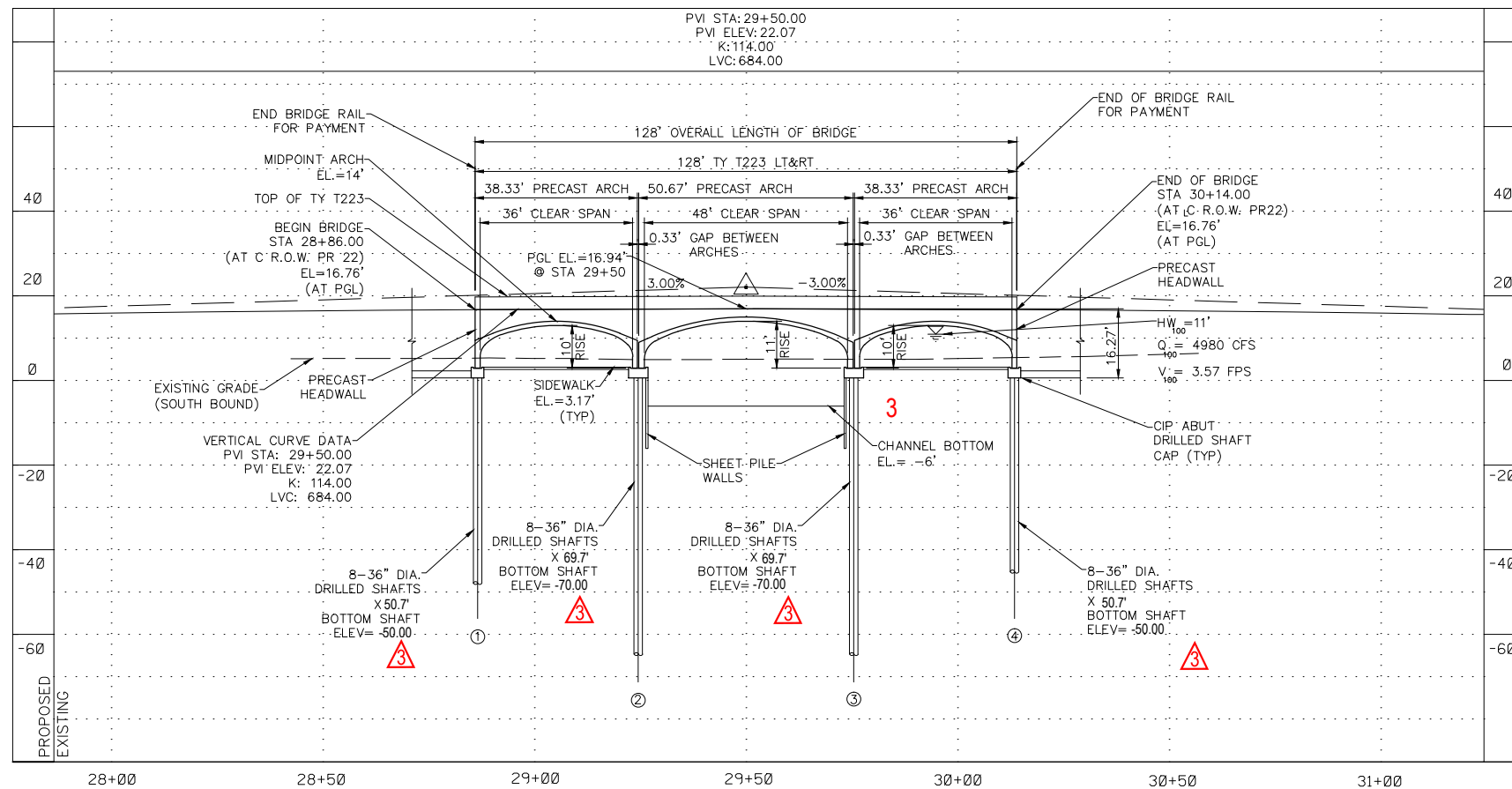


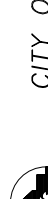


NOTES:

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THIS SEAL FOR ITEMS INCLUDED IN REV 3 ONLY

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11	6/12/2013	JREC	6064 URBAN ENGINEERING INCORPORATED AND ISSUED FOR CONSTRUCTION
0	6/10/2013	JREC	0806 URBAN RAIL AND REVISED SHAFT ELEVATIONS PER SHEET STR-928
REVISION NO.	DATE	BY	DESCRIPTION
<div style="display: flex; justify-content: space-between;"> <div> <p>PARK ROAD 22 BRIDGE (BOND 2004)</p> <p>SB BRIDGE PROFILE 1</p> </div> <div> <p>SHEET <u>112</u> of <u>191</u> RECORD DRAWING NO. <u>STR-928</u> CITY PROJECT # <u>6281</u></p> </div> </div>			
<div style="display: flex; justify-content: space-between;"> <div>  <p>CITY OF CORPUS CHRISTI TEXAS</p> </div> <div> <p>CobbFendley Texas Registration No. 274 1100 Northwest Loop 410, Suite 350 San Antonio, Texas 78213 210.826.4611 fax 210.826.4906 www.cobbhendley.com</p> </div> <div>  <p>URBAN ENGINEERING CORPUS CHRISTI, TEXAS 1000 N. 14TH ST., SUITE 100 PHONES: 361.511.1100 FAX: 361.511.1101</p> </div> </div>			
<div style="display: flex; justify-content: space-between;"> <div> <p>U.E. JOB NO. 42481.00.00</p>  </div> <div> <p>Department of Engineering Services</p> </div> </div>			

