

CS-16-75

16 NOV 16 PM 3:03

CHANGE ORDER APPROVAL FORM

PROJECT: CR115A Bridge over Little St Mary's CHANGE ORDER: _____

DATE: 11/10/16

CONTRACT NUMBER: CM2329

TO CONTRACTOR: Hal Jones Contractor, Inc.

Reason for Change Order: The existing guardrail posts occupy the same space that the horizontal 6x6.5 inch angle iron to be installed per the plans B1-4, B1-11. The cost is to eliminate the conflict between the angle iron and the existing guardrail posts in order to install the crutch bent.

Original Contract Sum.....	\$	<u>390,950.00</u>
Net Change by Previous Change Order/Supplemental Agreement.	\$	<u>3,371.22</u>
Contract Sum Prior to This Change Order.....	\$	<u>394,321.22</u>
Amount of This Change Order (Add/Deduct).....	\$	<u>5,229.47</u>
New Contract Sum Including this Change Order.....	\$	<u>399,550.69</u>

The contract for substantial completion will be (increased) (decreased) (unchanged) by 0 days;
Substantial Completion: 12/06/16; Final Completion: 01/05/17

APPROVED BY: [Signature] DATE: 11/12/16
Project Manager (Department Head)

APPROVED BY: [Signature] DATE: 11/16/16
Procurement Manager

APPROVED BY: [Signature] DATE: 11/21/16
Director of Office of Management & Budget

APPROVED BY: [Signature] DATE: 11/22/16
County Manager

ACCOUNT NO.: 63470541-563100 BRIDG

CHANGE ORDER REQUEST FORM

CR 115A Bridge Over Little St. Mary's River

No. C

PROJECT

DATE OF ISSUANCE: August 9, 2016

EFFECTIVE DATE:

NASSAU COUNTY BOARD OF COUNTY COMMISSIONERS

COUNTY Contract No.: CM 2329

CONTRACTOR: Hal Jones Contractors, Inc.

ENGINEER / ARCHITECT: Civil Services, Inc.

You are directed to make the following changes in the Contract Documents.

Description: Eliminate conflict between angle iron and existing guardrail posts in order to install crutch bent.

Reason for Change Order: The existing guardrail posts occupy the same space that the horizontal 6x6.5 inch angle iron to be installed per the plans B1-4, B1-11.

Attachments: (List documents supporting change): Email Correspondence, Civil Services, Inc., RFI No: 3, Hal Jones Contractors, Inc. e-mail cost proposal, ETM Cost Breakdown w/back up.


<p>CHANGE IN CONTRACT PRICE:</p> <p>Original Contract Price</p> <p>\$ <u>390,950.00</u></p>	<p>CHANGE IN CONTRACT TIMES:</p> <p>Original Contract Times</p> <p>Substantial Completion: <u>90 Days</u></p> <p>Ready for Final Payment: <u>120 Days</u> (days or dates)</p>
<p>Net change from previous Change Orders No. <u>A</u> to No. <u>B</u></p> <p>\$ <u>3,371.22</u></p>	<p>Net change from previous Change Orders No. <u>A</u> to No. <u>B</u></p> <p><u>47</u> (days)</p>
<p>Contract Price prior to this Change Order</p> <p>\$ <u>394,321.22</u></p>	<p>Contract Times Prior to this Change Order</p> <p>Substantial Completion: <u>137 Days</u></p> <p>Ready for Final Payment: <u>167 Days</u> (days or dates)</p>
<p>Net Increase (decrease) of this Change Order</p> <p>\$ <u>5,229.47</u></p>	<p>Net Increase (decrease) of this Change Order</p> <p><u>0</u> (days)</p>
<p>Contract Price with all approved Change Orders</p> <p>\$ <u>399,550.69</u></p>	<p>Contract Times with all approved Change Orders</p> <p>Substantial Completion: <u>137 Days</u></p> <p>Ready for Final Payment: <u>167 Days</u> (days or dates)</p>

RECOMMENDED:

By: 
Engineer/Architect (Authorized Signature)

Date: 11/10/16

APPROVED:

By: 
COUNTY (Authorized Signature)

Date: 11/22/16

ACCEPTED:

By: 
Contractor (Authorized Signature)

Date: 11/10/16

**ENGINEER'S COST ESTIMATE FOR
INCREASE, DECREASE OR ALTERATION IN THE WORK**

PIN#: _____ Contract #: CM2329 Fed Proj. #: _____
 Point of Contact (Name/Phone #): Greg Tolbert 355-5885
 Email Address: gtolbert@hjonesinc.com
 Estimate Prepared By: Greg Tolbert 355-5885
 Company: Hal Jones Contractor, Inc.

Greg Tolbert _____ Date October 27th, 2016
 Signature _____ Date _____

GUARDRAIL POST RETROFIT & ADDITIONAL RIPRAP

CONTRACTOR

a) LABOR and BURDEN	\$ 3 713,81
b) MATERIALS AND SUPPLIES	\$ 688,80
c) EQUIPMENT	\$ 48,00
d) INDIRECT COST, EXPENSES, AND PROFIT	\$ -
	<u>\$ 4 450,61</u>

SUB-CONTRACTOR

a) LABOR and BURDEN	\$ -
b) MATERIALS AND SUPPLIES	\$ -
c) EQUIPMENT	\$ -
d) INDIRECT COST, EXPENSES, AND PROFIT	\$ -
	<u>\$ -</u>

TOTAL COST OF INCREASE, DECREASE OR ALTERATION IN THE WORK \$ 4 450,61

d) INDIRECT COST, EXPENSES, AND PROFIT (1) or (2), whichever is greater)

(1) 17.5% of the sum of a), b), & c) above: \$ 778,86

(1)(f) BOND: For any additional bond for the additional or unforeseen work, the Contractor shall provide clear and convincing proof that the bond has actually been provided and paid for a separate bond premium for such additional or unforeseen work.

(1)(II) SUBCONTRACTOR MARKUP:

Subcontractor Cost for Extra Work:	\$ -	\$ -	\$ -
First \$50,000 10%	\$ -	\$ -	\$ -
Over \$50,000 5%	\$ -	\$ -	\$ -
			<u>\$ 5 229,47</u>

(2) Average overhead per day:

A	Original Contract Time	167
B	Original Contract Amount	\$ 390 950,00
C	8%	
D =	<u>B x C</u>	
	A	
Calendar days of entitlement that are in excess of the first 10 cumulative entitlement		0
		<u>\$ -</u>

GRAND TOTAL INDIRECT COST, EXPENSES, AND PROFIT \$ 5 229,47
 REVISED CONTRACT AMOUNT TO DATE \$ 396 179,47

396,550.69

CR 115A NASSAU COUNTY
 Contract No. CM2329
 Guardrail Posts & Rip Rap Bags

**ATTACHMENT B
 LABOR**

HJC		REG HOURS	REG PAY	TOTAL REG PAY	OT HOURS	OT PAY	TOTAL OT PAY	TOTAL	LABOR BURDEN TOTAL	GRAND TOTAL
SCOTTY WORKMAN	SUPERINTENDENT	13	\$ 42,50	\$ 552,50		\$ 63,75	\$ -	\$ 552,50	\$ 248,63	\$ 801,13
RONALD RICE	OPERATOR	3	\$ 25,50	\$ 76,50		\$ 38,25	\$ -	\$ 76,50	\$ 34,43	\$ 110,93
THOMAS COX	FOREMAN	17,5	\$ 26,50	\$ 463,75		\$ 39,75	\$ -	\$ 463,75	\$ 208,69	\$ 672,44
GRADY GIBBONS	PILE DRIVER/CARPENTER	17,5	\$ 21,75	\$ 380,63		\$ 32,63	\$ -	\$ 380,63	\$ 171,28	\$ 551,91
BEN ROSIER	PILE DRIVER/WELDER	17,5	\$ 21,75	\$ 380,63		\$ 32,63	\$ -	\$ 380,63	\$ 171,28	\$ 551,91
CHRIS MYERS	LABORER	11,5	\$ 14,00	\$ 161,00		\$ 21,00	\$ -	\$ 161,00	\$ 72,45	\$ 233,45
ROBBIE BECK	PILE DRIVER/CARPENTER	11,5	\$ 23,00	\$ 264,50		\$ 34,50	\$ -	\$ 264,50	\$ 119,03	\$ 383,53
GENE PHILLIPS	FOREMAN	11,5	\$ 24,50	\$ 281,75		\$ 36,75	\$ -	\$ 281,75	\$ 126,79	\$ 408,54
										\$ 3713,81

Engineer's Estimate: Timber Post Retrofit (RFI No 3)

Description	Est. Add'l. Qnty.	Unit	Est. Unit Cost	Total Price
Timber Posts and Bolts	4.00	EA	\$ 20.73	\$ 82.92
Concrete Saw	1.00	DY	\$ 76.00	\$ 76.00
Pick-up Truck	2.00	DY	\$ 19.95	\$ 39.90
Superintendent	20.00	HR	\$ 55.83	\$ 1,116.60
Foreman (2 @ 20 hours Each)	40.00	HR	\$ 43.27	\$ 1,730.80
Operator	10.00	HR	\$ 31.09	\$ 310.90
Pile Driver/Carpenter (2 @ 20 hours Each)	20.00	HR	\$ 34.47	\$ 689.40
Pile Driver/Welder	20.00	HR	\$ 52.55	\$ 1,051.00
Laborer	20.00	HR	\$ 22.25	\$ 445.00
Includes Demo of Concrete and Installation of Retrofit Posts				
SubTotal				\$ 5,542.52
Add 17.5% Allowable Mark-Up	5542.52	\$	\$ 0.175	\$ 969.94

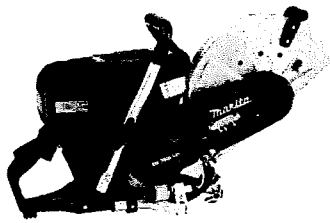
Estimate Total = \$ 6,512.46

By: 

Kent Ponder, P.E.

Date: 10-27-16

Gas 4 Cycle Concrete Saw 14"



Share

DESCRIPTION

Model # EK765HD

- Handles all the concrete, asphalt, and metal cutting of other concrete saws with powerful commercial engine
 - Ideal for DIY, concrete contractors, remodelers, Pros
 - Provides more power than an electric saw and eliminates the need to worry about mixing gas and oil
- Accessory fees may apply. Please ask an associate for details.

Rental Pricing for: St Augustine #62524 (0.00 mi)

\$53.00	4-Hour (Minimum)	\$304.00	Per Week
\$76.00	Per Day	\$912.00	4 Weeks

This tool requires a \$100.00 deposit.
Last updated Nov 8, 2016 2:13 PM EST.

Feedback

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Rates for Jacksonville, FL on 11/9/2016

Frequently asked rental questions

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- Trailers
- Vehicle towing
- Truck & towing
- Truck & trailer

8' Pickup truck



Home improvement / Small loads

• Inside dimensions: 7'10" x 5'2" x 19" (LxWxH)

\$19.95

plus \$0.59/mile

Extended distances special rates

Select

9' Cargo van



Apartment - 1 bedroom / Studio / Deliveries

• Inside dimensions: 9'6" x 5'7" x 4'7" (LxWxH)

• Door opening: 5'1" x 4'1" (WxH)

\$19.95

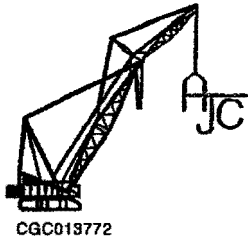
plus \$0.59/mile

Extended distances special rates

Select

STATEWIDE AVERAGES NOVEMBER 1, 2014 THROUGH NOVEMBER 1, 2016

ITEM	ITEM DESCRIPTION	UNIT	MINIMUM	MAXIMUM	AVERAGE
13102	RAD. COMB. CURB & GUTTER CG-11	LF	\$ 19.00	\$ 30.00	\$ 25.15
13108	CG-12 DETECTABLE WARNING SURFACE	SY	\$ 116.36	\$ 1,700.00	\$ 421.60
13114	ENTRANCE GUTTER CG-13	SY	\$ 78.40	\$ 280.00	\$ 139.15
13174	CATTLE GUARD G-3A	EA	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00
13212	R/W MONUMENT RM-2	EA	\$ 25.00	\$ 500.00	\$ 130.00
13215	MAILBOX POST, SINGLE	EA	\$ -	\$ 750.00	\$ 184.74
13220	HYDR. CEMENT CONC. SIDEWALK 4"	SY	\$ 30.00	\$ 418.82	\$ 46.04
13222	HYDR. CEMENT CONC. SIDEWALK 7"	SY	\$ 52.00	\$ 502.46	\$ 93.39
13232	GEOTEXTILE DRAINAGE FABRIC	SY	\$ 0.67	\$ 73.00	\$ 2.07
13240	ASPHALT CONCRETE SIDEWALK	TON	\$ 109.25	\$ 175.00	\$ 129.01
13290	GUARDRAIL GR-8 (NCHRP 350 TL-3)	LF	\$ 13.00	\$ 17.00	\$ 14.40
13292	GUARDRAIL GR-8A (NCHRP 350 TL-3)	LF	\$ 15.50	\$ 20.00	\$ 17.69
13294	GUARDRAIL GR-8B (NCHRP 350 TL-3)	LF	\$ 20.50	\$ 25.00	\$ 22.90
13310	GUARDRAIL TERMINAL GR-6 (NCHRP 350)	LF	\$ 20.00	\$ 260.00	\$ 63.69
13312	GUARDRAIL TERMINAL GR-7 (NCHRP 350)	EA	\$ 600.00	\$ 4,000.00	\$ 1,742.09
13315	GUARDRAIL TERMINAL GR-11	EA	\$ 300.00	\$ 2,769.40	\$ 697.00
13320	GUARDRAIL GR-2	LF	\$ 12.95	\$ 145.23	\$ 15.93
13321	GUARDRAIL GR-2 7' POST	LF	\$ 1.00	\$ 22.65	\$ 13.02
13322	GUARDRAIL GR-2 8' POST	LF	\$ 14.06	\$ 60.00	\$ 20.73
13323	GUARDRAIL GR-2A	LF	\$ 15.00	\$ 57.50	\$ 23.21
13331	RAD. GUARDRAIL GR-2	LF	\$ 14.00	\$ 100.00	\$ 19.09
13333	RAD. GUARDRAIL GR-2A	LF	\$ 18.00	\$ 31.22	\$ 25.47
13335	GUARDRAIL GR-3	LF	\$ 4.00	\$ 14.00	\$ 7.44
13336	GUARDRAIL TERMINAL GR-3	EA	\$ 100.00	\$ 1,000.00	\$ 358.06
13345	ALT.BREAKAWAY CABLE TERM.(GR-9)	EA	\$ 1,785.76	\$ 10,500.00	\$ 2,296.31
13346	REMOVE GR-7 TERMINAL	EA	\$ 0.50	\$ 1,500.00	\$ 148.11
13347	GRDRAIL TER.GR-7(WEATHER.STEEL	EA	\$ 2,200.00	\$ 2,200.00	\$ 2,200.00
13349	GUARDRAIL TER.SITE PREPARATION	EA	\$ 1.00	\$ 2,100.00	\$ 468.71
13351	GUARDRAIL GR-8	LF	\$ 9.74	\$ 20.00	\$ 10.98
13352	GUARDRAIL GR-8A	LF	\$ 13.46	\$ 25.00	\$ 16.82
13353	GUARDRAIL GR-8B	LF	\$ 20.91	\$ 30.00	\$ 24.60
13355	GUARDRAIL GR-10	LF	\$ 14.51	\$ 125.00	\$ 25.03
13359	GUARDRAIL TER. GR-8 TYPE II	EA	\$ 100.00	\$ 224.25	\$ 172.48
13361	RADIAL GUARDRAIL GR-8	LF	\$ 16.00	\$ 16.00	\$ 16.00



HAL JONES CONTRACTOR, INC.

720 Talleyrand Avenue
Jacksonville, FL 32202
P.O. Box 3257 Jax. FL 32206

Hal L. Jones, Jr.
Dennis E. Harrison
Paul C. Kirkland
Glenn C. Speicher
Hal L. Jones, III

Phone 904-355-5885
Facsimile 904-355-7648
website haljonescontractor.com

October 19, 2016

Kent A. Ponder
England-Thims & Miller, Inc.
463688 State Road 200, Unit 7
Yulee, Florida 32097

Re: Nassau County Bridge on CR 115A

Subject: Employee Burden Costs

Dear Mr. Ponder:

The employee burden costs associated with the above referenced job are as follows.

Government Regulated Costs

Social Security	6.20%
Medicare	1.45%
Federal Unemployment	0.80%
State of Florida Unemployment	1.65%

OSHA/Insurance Regulated Costs

Work Comp Marine-Code 6004	16.32%
Liability Insurance	6.50%

Company Benefits

Vacation / Holiday / Health Insurance / Dental / Retirement / Life Insurance / Disability Insurance	12.10%
---	--------

Total Burden Rate on Base Pay	45.02%
--------------------------------------	---------------

Please feel free to contact me if you have any questions on this information.

Sincerely,

HAL JONES CONTRACTOR, INC.

Scott R. Bates
Treasurer

SRB:sas

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Occupational Employment and Wages, May 2015 *Superintendent* 47-1011 First-Line Supervisors of Construction Trades and Extraction Workers

Directly supervise and coordinate activities of construction or extraction workers.

BURDEN RATE = 45.02%

- [National estimates for this occupation](#)
- [Industry profile for this occupation](#)
- [Geographic profile for this occupation](#)

38.50 (1.4502) = \$55.83

National estimates for this occupation: [Top](#)

Employment estimate and mean wage estimates for this occupation:

Employment (1)	Employment RSE (3)	Mean hourly wage	Mean annual wage (2)	Wage RSE (3)
517,560	0.6 %	\$32.13	\$66,820	0.2 %

Percentile wage estimates for this occupation:

Percentile	10%	25%	50% (Median)	75%	90%
Hourly Wage	\$18.75	\$23.52	\$29.84	\$38.50	\$48.58
Annual Wage (2)	\$39,000	\$48,920	\$62,070	\$80,080	\$101,040

Industry profile for this occupation: [Top](#)

Industries with the highest published employment and wages for this occupation are provided. For a list of all industries with employment in this occupation, see the [Create Customized Tables](#) function.

Industries with the highest levels of employment in this occupation:

Industry	Employment (1)	Percent of industry employment	Hourly mean wage	Annual mean wage (2)
Nonresidential Building Construction	82,440	11.39	\$33.54	\$69,770
Building Equipment Contractors	65,830	3.47	\$34.11	\$70,940
Residential Building Construction	58,620	8.61	\$30.15	\$62,710
Foundation, Structure, and Building Exterior Contractors	46,210	5.79	\$29.19	\$60,720
Other Specialty Trade Contractors	34,540	5.58	\$29.53	\$61,430

Industries with the highest concentration of employment in this occupation:

Industry	Employment (1)	Percent of industry employment	Hourly mean wage	Annual mean wage (2)
Nonresidential Building Construction	82,440	11.39	\$33.54	\$69,770
Residential Building Construction	58,620	8.61	\$30.15	\$62,710
Highway, Street, and Bridge Construction	25,210	7.96	\$32.56	\$67,720
Other Heavy and Civil Engineering Construction	7,490	6.83	\$31.81	\$66,170
Utility System Construction	32,240	6.69	\$31.38	\$65,260

Top paying industries for this occupation:

Industry	Employment (1)	Percent of industry employment	Hourly mean wage	Annual mean wage (2)
Basic Chemical Manufacturing	40	0.02	\$50.12	\$104,240
Oil and Gas Extraction	5,780	2.98	\$47.60	\$99,000
Scientific Research and Development Services	220	0.03	\$44.89	\$93,380
Petroleum and Petroleum Products Merchant Wholesalers	(8)	(8)	\$44.69	\$92,960
	50	0.02	\$41.69	\$86,720

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Occupational Employment and Wages, May 2015 *Foreman* 47-1011 First-Line Supervisors of Construction Trades and Extraction Workers

Directly supervise and coordinate activities of construction or extraction workers.

BURDEN RATE = 45.02%

- [National estimates for this occupation](#)
- [Industry profile for this occupation](#)
- [Geographic profile for this occupation](#)

29.84 (1.4502) = \$ 43.27

National estimates for this occupation: Top

Employment estimate and mean wage estimates for this occupation:

Employment (1)	Employment RSE (3)	Mean hourly wage	Mean annual wage (2)	Wage RSE (3)
517,560	0.6 %	\$32.13	\$66,820	0.2 %

Percentile wage estimates for this occupation:

Percentile	10%	25%	50% (Median)	75%	90%
Hourly Wage	\$18.75	\$23.52	\$29.84	\$38.50	\$48.58
Annual Wage (2)	\$39,000	\$48,920	\$62,070	\$80,080	\$101,040

Industry profile for this occupation: Top

Industries with the highest published employment and wages for this occupation are provided. For a list of all industries with employment in this occupation, see the [Create Customized Tables](#) function.

Industries with the highest levels of employment in this occupation:

Industry	Employment (1)	Percent of industry employment	Hourly mean wage	Annual mean wage (2)
Nonresidential Building Construction	82,440	11.39	\$33.54	\$69,770
Building Equipment Contractors	65,830	3.47	\$34.11	\$70,940
Residential Building Construction	58,620	8.61	\$30.15	\$62,710
Foundation, Structure, and Building Exterior Contractors	46,210	5.79	\$29.19	\$60,720
Other Specialty Trade Contractors	34,540	5.58	\$29.53	\$61,430

Industries with the highest concentration of employment in this occupation:

Industry	Employment (1)	Percent of industry employment	Hourly mean wage	Annual mean wage (2)
Nonresidential Building Construction	82,440	11.39	\$33.54	\$69,770
Residential Building Construction	58,620	8.61	\$30.15	\$62,710
Highway, Street, and Bridge Construction	25,210	7.96	\$32.56	\$67,720
Other Heavy and Civil Engineering Construction	7,490	6.83	\$31.81	\$66,170
Utility System Construction	32,240	6.69	\$31.38	\$65,260

Top paying industries for this occupation:

Industry	Employment (1)	Percent of industry employment	Hourly mean wage	Annual mean wage (2)
Basic Chemical Manufacturing	40	0.02	\$50.12	\$104,240
Oil and Gas Extraction	5,780	2.98	\$47.60	\$99,000
Scientific Research and Development Services	220	0.03	\$44.89	\$93,380
Petroleum and Petroleum Products Merchant Wholesalers	(8)	(8)	\$44.69	\$92,960
	50	0.02	\$41.69	\$86,720

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Occupational Employment and Wages, May 2015

47-2073 Operating Engineers and Other Construction Equipment Operators

Operate one or several types of power construction equipment, such as motor graders, bulldozers, scrapers, compressors, pumps, derricks, shovels, tractors, or front-end loaders to excavate, move, and grade earth, erect structures, or pour concrete or other hard surface pavement. May repair and maintain equipment in addition to other duties. Excludes "Crane and Tower Operators" (53-7021) and "Extraction Workers" (47-5000).

BURDEN RATE = 45.02%

21.44(1.4502) = \$ 31.09

- [National estimates for this occupation](#)
- [Industry profile for this occupation](#)
- [Geographic profile for this occupation](#)

National estimates for this occupation: Top

Employment estimate and mean wage estimates for this occupation:

Employment (1)	Employment RSE (3)	Mean hourly wage	Mean annual wage (2)	Wage RSE (3)
355,140	0.8 %	\$23.61	\$49,110	0.3 %

Percentile wage estimates for this occupation:

Percentile	10%	25%	50% (Median)	75%	90%
Hourly Wage	\$13.93	\$16.80	\$21.44	\$28.73	\$37.25
Annual Wage (2)	\$28,980	\$34,950	\$44,600	\$59,760	\$77,490

Industry profile for this occupation: Top

Industries with the highest published employment and wages for this occupation are provided. For a list of all industries with employment in this occupation, see the [Create Customized Tables](#) function.

Industries with the highest levels of employment in this occupation:

Industry	Employment (1)	Percent of industry employment	Hourly mean wage	Annual mean wage (2)
Other Specialty Trade Contractors	87,340	14.11	\$23.37	\$48,620
Local Government (OES Designation)	48,500	0.91	\$20.64	\$42,930
Utility System Construction	47,660	9.89	\$24.96	\$51,910
Highway, Street, and Bridge Construction	43,840	13.84	\$26.36	\$54,840
Nonresidential Building Construction	15,810	2.18	\$25.31	\$52,650

Industries with the highest concentration of employment in this occupation:

Industry	Employment (1)	Percent of industry employment	Hourly mean wage	Annual mean wage (2)
Other Specialty Trade Contractors	87,340	14.11	\$23.37	\$48,620
Highway, Street, and Bridge Construction	43,840	13.84	\$26.36	\$54,840
Other Heavy and Civil Engineering Construction	13,510	12.32	\$24.78	\$51,530
Coal Mining	8,220	11.83	\$25.70	\$53,450
Nonmetallic Mineral Mining and Quarrying	10,470	11.32	\$21.17	\$44,030

Top paying industries for this occupation:

Industry	Employment (1)	Percent of industry employment	Hourly mean wage	Annual mean wage (2)
General Medical and Surgical Hospitals	100	(7)	\$32.79	\$68,200
Building Finishing Contractors	240	0.03	\$31.60	\$65,720
Other Pipeline Transportation	30	0.40	\$30.05	\$62,500

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Occupational Employment and Wages, May 2015

47-2072 Pile-Driver Operators / *Carpenter*

Operate pile drivers mounted on skids, barges, crawler treads, or locomotive cranes to drive pilings for retaining walls, bulkheads, and foundations of structures, such as buildings, bridges, and piers.

- [National estimates for this occupation](#)
- [Industry profile for this occupation](#)
- [Geographic profile for this occupation](#)

BURDEN RATE = 45.02%
23.77 (1.4502) = \$34.47

National estimates for this occupation: Top

Employment estimate and mean wage estimates for this occupation:

Employment (1)	Employment RSE (3)	Mean hourly wage	Mean annual wage (2)	Wage RSE (3)
3,670	7.2 %	\$26.51	\$55,150	2.6 %

Percentile wage estimates for this occupation:

Percentile	10%	25%	50% (Median)	75%	90%
Hourly Wage	\$13.66	\$17.33	\$23.77	\$36.24	\$44.58
Annual Wage (2)	\$28,400	\$36,050	\$49,430	\$75,370	\$92,720

Industry profile for this occupation: Top

Industries with the highest published employment and wages for this occupation are provided. For a list of all industries with employment in this occupation, see the [Create Customized Tables](#) function.

Industries with the highest levels of employment in this occupation:

Industry	Employment (1)	Percent of Industry employment	Hourly mean wage	Annual mean wage (2)
Other Heavy and Civil Engineering Construction	1,110	1.01	\$30.55	\$63,540
Highway, Street, and Bridge Construction	930	0.29	\$23.88	\$49,670
Utility System Construction	640	0.13	\$25.02	\$52,040
Other Specialty Trade Contractors	530	0.09	\$25.24	\$52,490
Nonresidential Building Construction	150	0.02	\$25.42	\$52,870

Email Address

Industries with the highest concentration of employment in this occupation:

Industry	Employment (1)	Percent of Industry employment	Hourly mean wage	Annual mean wage (2)
Other Heavy and Civil Engineering Construction	1,110	1.01	\$30.55	\$63,540
Highway, Street, and Bridge Construction	930	0.29	\$23.88	\$49,670
Utility System Construction	640	0.13	\$25.02	\$52,040
Other Specialty Trade Contractors	530	0.09	\$25.24	\$52,490
Nonresidential Building Construction	150	0.02	\$25.42	\$52,870

Top paying industries for this occupation:

Industry	Employment (1)	Percent of Industry employment	Hourly mean wage	Annual mean wage (2)
Local Government (OES Designation)	60	(7)	\$31.18	\$64,850
Other Heavy and Civil Engineering Construction	1,110	1.01	\$30.55	\$63,540
Foundation, Structure, and Building Exterior Contractors	(8)	(8)	\$27.03	\$56,220
Nonresidential Building Construction	150	0.02	\$25.42	\$52,870
Other Specialty Trade Contractors	530	0.09	\$25.24	\$52,490








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Occupational Employment and Wages, May 2015

47-2072 Pile-Driver Operators / WELDER

Operate pile drivers mounted on skids, barges, crawler treads, or locomotive cranes to drive pilings for retaining walls, bulkheads, and foundations of structures, such as buildings, bridges, and piers.

BURDEN RATE = 45.02%

- [National estimates for this occupation](#)
- [Industry profile for this occupation](#)
- [Geographic profile for this occupation](#)

$36.24 (1.4502) = \$52.55$

National estimates for this occupation: [Top](#)

Employment estimate and mean wage estimates for this occupation:

Employment (1)	Employment RSE (3)	Mean hourly wage	Mean annual wage (2)	Wage RSE (3)
3,670	7.2 %	\$26.51	\$55,150	2.6 %

Percentile wage estimates for this occupation:

Percentile	10%	25%	50% (Median)	75%	90%
Hourly Wage	\$13.66	\$17.33	\$23.77	\$36.24	\$44.58
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Industry profile for this occupation: [Top](#)

Industries with the highest published employment and wages for this occupation are provided. For a list of all industries with employment in this occupation, see the [Create Customized Tables](#) function.

Industries with the highest levels of employment in this occupation:

Industry	Employment (1)	Percent of industry employment	Hourly mean wage	Annual mean wage (2)
Other Heavy and Civil Engineering Construction	1,110	1.01	\$30.55	\$63,540
Highway, Street, and Bridge Construction	930	0.29	\$23.88	\$49,670
Utility System Construction	640	0.13	\$25.02	\$52,040
Other Specialty Trade Contractors	530	0.09	\$25.24	\$52,490
Nonresidential Building Construction	150	0.02	\$25.42	\$52,870

Email Address 

Industries with the highest concentration of employment in this occupation:

Industry	Employment (1)	Percent of industry employment	Hourly mean wage	Annual mean wage (2)
Other Heavy and Civil Engineering Construction	1,110	1.01	\$30.55	\$63,540
Highway, Street, and Bridge Construction	930	0.29	\$23.88	\$49,670
Utility System Construction	640	0.13	\$25.02	\$52,040
Other Specialty Trade Contractors	530	0.09	\$25.24	\$52,490
Nonresidential Building Construction	150	0.02	\$25.42	\$52,870

Top paying industries for this occupation:

Industry	Employment (1)	Percent of industry employment	Hourly mean wage	Annual mean wage (2)
Local Government (OES Designation)	60	(7)	\$31.18	\$64,850
Other Heavy and Civil Engineering Construction	1,110	1.01	\$30.55	\$63,540
Foundation, Structure, and Building Exterior Contractors	(8)	(8)	\$27.03	\$56,220
Nonresidential Building Construction	150	0.02	\$25.42	\$52,870
Other Specialty Trade Contractors	530	0.09	\$25.24	\$52,490

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Occupational Employment and Wages, May 2015

47-2061 Construction Laborers

Perform tasks involving physical labor at construction sites. May operate hand and power tools of all types: air hammers, earth tampers, cement mixers, small mechanical hoists, surveying and measuring equipment, and a variety of other equipment and instruments. May clean and prepare sites, dig trenches, set braces to support the sides of excavations, erect scaffolding, and clean up rubble, debris and other waste materials. May assist other craft workers. Construction laborers who primarily assist a particular craft worker are classified under "Helpers, Construction Trades" (47-3010). Excludes "Hazardous Materials Removal Workers" (47-4041).

- [National estimates for this occupation](#)
- [Industry profile for this occupation](#)
- [Geographic profile for this occupation](#)

BURDEN RATE = 45.02%
 $15.34 (1.4502) = \$ 22.25$

National estimates for this occupation: Top

Employment estimate and mean wage estimates for this occupation:

Employment (1)	Employment RSE (3)	Mean hourly wage	Mean annual wage (2)	Wage RSE (3)
887,580	0.8 %	\$17.57	\$36,550	0.3 %

Percentile wage estimates for this occupation:

Percentile	10%	25%	50% (Median)	75%	90%
Hourly Wage	\$9.92	\$12.20	\$15.34	\$20.80	\$29.36
Annual Wage (2)	\$20,640	\$25,380	\$31,910	\$43,260	\$61,070

Industry profile for this occupation: Top

Industries with the highest published employment and wages for this occupation are provided. For a list of all industries with employment in this occupation, see the [Create Customized Tables](#) function.

Industries with the highest levels of employment in this occupation:

Industry	Employment (1)	Percent of industry employment	Hourly mean wage	Annual mean wage (2)
Other Specialty Trade Contractors	143,960	23.25	\$17.69	\$36,790
Residential Building Construction	108,340	15.92	\$16.02	\$33,320
Nonresidential Building Construction	107,470	14.84	\$18.85	\$39,210
Foundation, Structure, and Building Exterior Contractors	101,110	12.67	\$17.34	\$36,060
Utility System Construction	95,490	19.82	\$17.89	\$37,200

Industries with the highest concentration of employment in this occupation:

Industry	Employment (1)	Percent of industry employment	Hourly mean wage	Annual mean wage (2)
Highway, Street, and Bridge Construction	77,670	24.52	\$20.29	\$42,200
Other Specialty Trade Contractors	143,960	23.25	\$17.69	\$36,790
Other Heavy and Civil Engineering Construction	22,580	20.60	\$18.59	\$38,660
Utility System Construction	95,490	19.82	\$17.89	\$37,200
Residential Building Construction	108,340	15.92	\$16.02	\$33,320

Top paying industries for this occupation:

Industry	Employment (1)	Percent of industry employment	Hourly mean wage	Annual mean wage (2)
Petroleum and Petroleum Products Merchant Wholesalers	(8)	(8)	\$28.81	\$59,920

SECTION 00 63 15

CONTRACTOR'S REQUEST FOR INFORMATION

TO: Kent Ponder, P.E. - ETM

FROM: Hal Jones Contractor, Inc.

DATE: 08/29/16

CONTRACTOR REQUEST FOR INFORMATION NO.: 3

PROJECT NAME: CR 115A Bridge Over Little St. Mary's River

CONTRACT NUMBER: CM2329

QUESTION:

Hal Jones has found the existing guardrail posts to occupy the same space that the horizontal 6x6.5 inch angle iron will need to be installed per the plans B1-4, B1-11. This conflict exists in four locations. Can the EOR provide a resolution and associated plans to this conflict.

BY: Greg Tolbert

DATE: 08/29/16

REPLY:

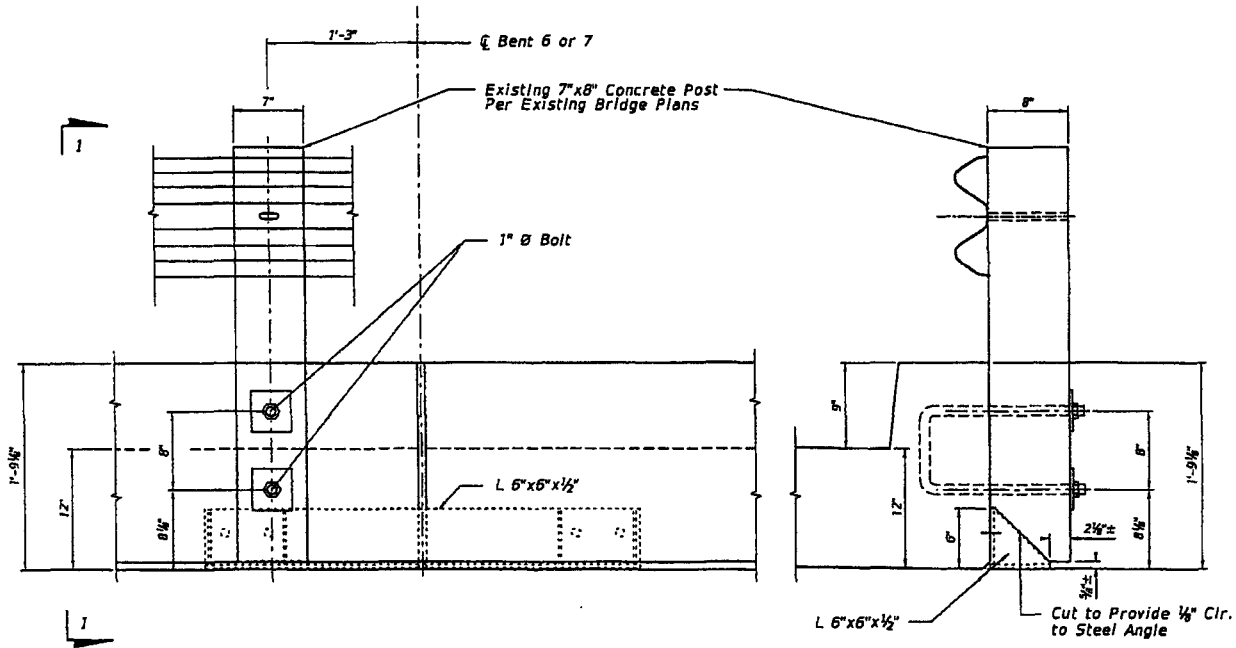
CSI reviewed the Contractor's Request for Information No. 3 and offers the following reply:

1. Attached please find Timber Post Retrofit Detail to eliminate the conflict between the existing 6"x8" timber post and the proposed L 6"x6"x1/2" angle. (Total = 1 at Bent 7)
2. Attached please find Concrete Post Retrofit Detail to eliminate the conflict between the existing 7"x8" concrete post and the proposed L 6"x6"x1/2" angle. (Total = 1 at Bent 7 and 2 at Bent 6).

BY: Fares Tannous, P.E.
Civil Services, Inc.

DATE: September 9, 2016

Digitally signed
by Fares E
Tannous
Date:
2016.09.09
17:23:22-04'00'




ELEVATION
Not to Scale

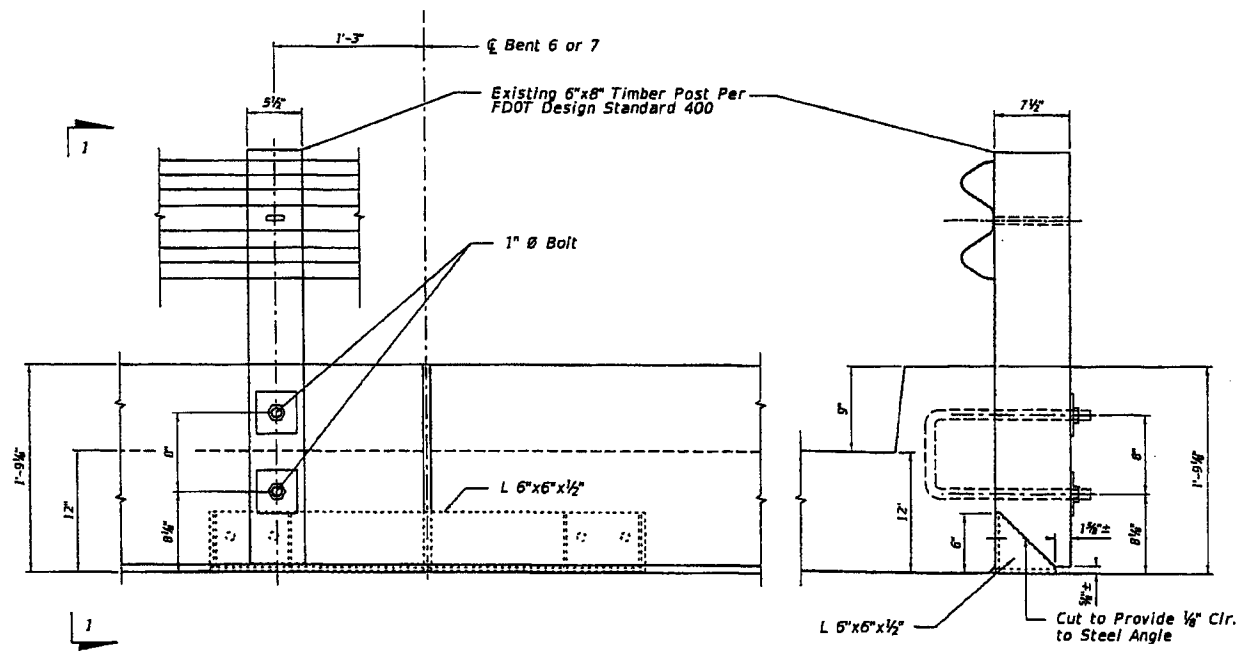
SECTION 1-1
Not to Scale

Notes:

1. This retrofit detail shown is for 7"x8" Concrete Post per Existing Bridge Plans (Total required = 3).
2. After cutting the concrete posts, spray exposed rebar with galvanizing compound meeting the requirements of Section 975 of the Specifications. Apply the galvanizing compound per Section 562 of the Specifications.
2. Dimensions are based on Existing Bridge Plans. See Standard Slab Superstructure 20' Span sheet for details.
3. Dimensions shown are approximate. Verify dimensions in the field and adjust each as needed before cutting the concrete posts.

Bridge No. 740068

REVISIONS							NASSAU COUNTY ENGINEERING NASSAU COUNTY FLORIDA CONSTRUCTION PLANS FOR:	CONCRETE POST RETROFIT DETAIL	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				
						CIVIL SERVICES, INC. CONSULTING ENGINEERS 2394 ST. JOHNS BLUFF ROAD, S. JACKSONVILLE, FL 32248 C.A. NUMBER: 6127 FARES E. TANNOUS, PE NO. 63784	CR 115A	CR 115A OVER LITTLE ST. MARY'S RIVER	[Blank]



ELEVATION
Not to Scale

SECTION 1-1
Not to Scale

- Notes:
1. This retrofit detail shown is for 6"x8" Timber Post per FDOT Design Standard 400 (Total required = 1).
 2. Dimensions are base based on Existing Bridge Plans. See Standard Slab Superstructure 20' Span sheet for details.
 3. Dimensions shown are approximate. Verify all dimensions in the field and adjust as needed before cutting timber post.

Bridge No. 740068

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

CIVIL SERVICES, INC.
CONSULTING ENGINEERS
2394 ST. JOHNS BLUFF ROAD, S.
JACKSONVILLE, FL 32246
C.A. NUMBER: 0127
FARES E. TANNOUS, PE NO. 63784



NASSAU COUNTY ENGINEERING
NASSAU COUNTY FLORIDA
CONSTRUCTION PLANS FOR:
CR 115A

TIMBER POST RETROFIT DETAIL
CR 115A OVER LITTLE ST. MARY'S RIVER

SHEET NO.