

WILLIAMSON COUNTY, TEXAS
CHANGE ORDER NUMBER: 2

1. CONTRACTOR: Patin Construction
2. Change Order Work Limits: Sta. 10+00 to Sta. 53+67.30
3. Type of Change (on federal-aid non-exempt projects): Minor (Major/Minor)
4. Reasons: 3E, 1B, 2E (3 Max. - In order of importance - Primary first)

Project: 1603-064

Roadway: Arterial H

CSJ Number: _____

5. Describe the work being revised:

3E. County Convenience. Reduction of future maintenance. This change order adds soil retention blanket to the contract to prevent erosion and to establish vegetation on the slopes and along the roadway. **1B. Design Error or Omission.** This change order also adds items to the contract for work shown in the plans but not included in the summary of items and quantities. **2E: Differing Site Conditions. (unforeseeable) Miscellaneous difference in site conditions (unforeseeable) (Item 9).** This Change Order deletes lime treated subgrade items due to the quality of the material encountered at subgrade elevation.

6. Work to be performed in accordance with Items: SEE ATTACHED
7. New or revised plan sheet(s) are attached and numbered: N/A
8. New Special Provisions/Specifications to the contract are attached: ☐ Yes ☒ No
9. New Special Provisions to Item N/A No. N/A, Special Specification Item N/A are attached.

Each signatory hereby warrants that each has the authority to execute this Change Order (CO).

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.		The following information must be provided	
THE CONTRACTOR		Time Ext. #: <u>1</u>	Days added on this CO: <u>120</u>
By: <u>[Signature]</u>		Amount added by this change order: <u>\$58,143.87</u>	
Date: <u>1/11/18</u>			
Typed/Printed Name: <u>Tim Patin</u>			
Typed/Printed Title: <u>Pres. Design</u>			

RECOMMENDED FOR EXECUTION:

[Signature] 1/12/18
Project Manager Date

N/A
Design Engineer Date

[Signature] 1/12/2018
Program Manager Date

Design Engineer's Seal.

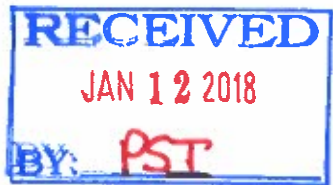
County Commissioner Precinct 1 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 2 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 3 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 4 Date
☐ APPROVED ☐ REQUEST APPROVAL

[Signature] 1-26-18
County Judge Date
☐ APPROVED



WILLIAMSON COUNTY, TEXAS
CHANGE ORDER NUMBER: 2

1. CONTRACTOR: Patin Construction
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3. Type of Change(on federal-aid non-exempt projects): Minor (Major/Minor)
4. Reasons: 3E, 1B, 2E (3 Max. - In order of importance - Primary first)

Project:	<u>1603-064</u>
Roadway:	<u>Arterial H</u>
CSJ Number:	<u></u>

5. Describe the work being revised:

3E. County Convenience. Reduction of future maintenance. This change order adds soil retention blanket to the contract to prevent erosion and to establish vegetation on the slopes and along the roadway. **1B. Design Error or Omission.** This change order also adds items to the contract for work shown in the plans but not included in the summary of items and quantities. **2E: Differing Site Conditions. (unforeseeable) Miscellaneous difference in site conditions (unforeseeable)(item 9).** This Change Order deletes lime treated subgrade items due to the quality of the material encountered at subgrade elevation.

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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 THE CONTRACTOR Date <u>1/11/18</u> By <u>[Signature]</u> Typed/Printed Name <u>Tim Patin</u> Typed/Printed Title <u>President</u>	The following information must be provided Time Ext. #: <u>1</u> Days added on this CO: <u>120</u> Amount added by this change order: <u>\$58,143.87</u>
--	--

RECOMMENDED FOR EXECUTION:

[Signature] 1/12/18
Project Manager Date

N/A
Design Engineer Date

[Signature] 1/12/2018
Program Manager Date

Design Engineer's Seal:

County Commissioner Precinct 1 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 2 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 3 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 4 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Judge Date
☐ APPROVED

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 2

Project # 1603-064

TABLE A: Force Account Work and Materials Placed into Stock

	LABOR	HOURLY RATE			HOURLY RATE

TABLE B: Contract Items:

				ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		
ITEM	DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	OVERRUN/ UNDERRUN
169-6001	SOIL RETENTION BLANKET (CL1) (TYA)	SY	\$1.27	0.00	\$0.00	23,232.00	23,232.00	\$29,504.64	\$29,504.64
260-6001	LIME (HYDRATED LIME (DRY))	TON	\$200.00	304.00	\$60,800.00	(304.00)	0.00	\$0.00	(\$60,800.00)
260-6073	LIME TRT (SUBGRADE) (8IN)	SY	\$2.00	16,901.00	\$33,802.00	(16,901.00)	0.00	\$0.00	(\$33,802.00)
464-6017	RC PIPE (CL IV) (18IN)	LF	\$37.35	0.00	\$0.00	35.00	35.00	\$1,307.25	\$1,307.25
465-6166	SLOPING HEADWALL	EA	\$4,000.00	1.00	\$4,000.00	(1.00)	0.00	\$0.00	(\$4,000.00)
467-6356	SET (TYII) (18IN) (3:1) (PRECAST)	EA	\$910.44	0.00	\$0.00	4.00	4.00	\$3,641.76	\$3,641.76
502-WC01	BARRICADES, SIGNS, AND TRAFFIC HANDLING	MO	\$1,200.00	17.00	\$20,400.00	2.00	19.00	\$22,800.00	\$2,400.00
529-6302	RIBBON CURB	LF	\$13.23	0.00	\$0.00	734.00	734.00	\$9,710.82	\$9,710.82
618-6058	CONDT (PVC) (SHC 80) (4IN)	LF	\$18.90	0.00	\$0.00	474.00	384.00	\$7,257.60	\$7,257.60
450-WC01	PEDESTRIAN HANDRAIL (COA 707S-1 DETAIL)	LF	\$135.70	0.00	\$0.00	474.00	474.00	\$64,321.80	\$64,321.80
502-WC01	BARRICADES, SIGNS, AND TRAFFIC HANDLING	MO	\$1,200.00	17.00	\$20,400.00	4.00	21.00	\$25,200.00	\$4,800.00
999-WC03	SUBGRADE PREP	SY	\$2.00	0.00	\$0.00	16,901.00	16,901.00	\$33,802.00	\$33,802.00
TOTALS					\$139,402.00			\$197,545.87	\$58,143.87

CHANGE ORDER REASON(S) CODE CHART

1. Design Error or Omission	1A. Incorrect PS&E 1B. Other
2. Differing Site Conditions (unforeseeable)	2A. Dispute resolution (expense caused by conditions and/or resulting delay) 2B. Unavailable material 2C. New development (conditions changing after PS&E completed) 2D. Environmental remediation 2E. Miscellaneous difference in site conditions (unforeseeable)(Item 9) 2F. Site conditions altered by an act of nature 2G. Unadjusted utility (unforeseeable) 2H. Unacquired Right-of-Way (unforeseeable) 2I. Additional safety needs (unforeseeable) 2J. Other
3. County 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 County 3G. Compliance requirements of new laws and/or policies 3H. Cost savings opportunity discovered during construction 3I. 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 County 3M. Other
4. Third Party Accommodation	4A. Failure of a third party to meet commitment 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

Williamson County Road Bond Program

Arterial H Williamson County Project No. 1603-064

Change Order No. 2

Reason for Change

This Change Order consists of the following: 1) the addition of soil retention blankets to the contract to minimize erosion and aid in vegetation establishment on the slopes along the roadway; 2) the addition of various items of work shown on the original plans, but not included in the summary of quantities. These items include ribbon curb, electrical conduit, and pedestrian handrail at culvert headwalls; 3) changing the backless style curb inlets to standard curb inlets to eliminate the need for additional pedestrian handrail; 4) eliminates the lime treated subgrade items in the Contract. The subgrade material was tested throughout the project to confirm that the lime treated subgrade was not needed. An item for subgrade prep was added to the contract for the work that the Contractor performed to get the subgrade ready for flexible base. The new item replaces the "Lime Treat (Subgrade)" item originally included in the Contract; and 5) the addition of 120 calendar Days to the Contract time and 4 months of barricades for delays associated with the adjacent contractor utilizing the roadway for detention pond construction. The Contractor delayed the start of construction on Culvert A and the subgrade adjacent to the pond to allow the pond contractor to complete construction of the detention pond.

Following is a summary of new items required for this Change Order.

ITEM	DESCRIPTION	QTY	UNIT
169-6001	SOIL RETENTION BLANKET (CL1) (TY A)	23,232	SY
464-6017	RC PIPE (CL IV) (18IN)	35	LF
467-6356	SET (TYII) (18IN) (3:1) PRECAST	4	EA
529-6302	RIBBON CURB	734	LF
618-6058	CONDT (PVC) (SCH 80) (4IN)	384	LF
450-WC01	PEDESTRIAN HANDRAIL (COA 707S-1 DETAIL)	474	LF
999-WC03	SUBGRADE PREP	16,901	SY

This Change Order results in a net increase of \$58,143.87 to the Contract amount, for an adjusted Contract total of \$3,401,849.67. The original Contract amount was \$3,210,934.80. As a result of this and all Change Orders to-date, \$190,914.87 has been added to the Contract, resulting in a 5.9% net increase in the Contract cost. One hundred and twenty (120) days have been added to the Contract as a result of this Change Order or other Change Orders to date.

HNTB Corporation

James Klotz, P.E.

Patin Construction LLC

3800 W. Second Street

Taylor, TX 76574

Phone: (512) 269-1071

Fax: (512) 269-1072

Change Order #2

1-Dec-17

WILLIAMSON COUNTY

Email: [James Klotz <jklotz@HNTB.com>](mailto:James.Klotz@HNTB.com)

Arterial H

MODIFIED INLETS, HANDRAIL, SUBGRADE PREP AND RIBBON CURB RATE

Item No.	Qty.	Unit	Description	Unit Price	Total	
169-6001	23,232	SY	SOIL RETENTION BLANKETS (CL 1)(TY A)	\$ 1.27	\$ 29,504.64	25,555.20 x 15%
COA 707	474	LF	PEDESTRIAN HANDRAIL (per COA 707S-1 detail)	\$ 135.70	\$ 64,321.80	55,932 x 15%
618-6058	384	LF	CONDT (PVC) (SCH 80) (4")	\$ 18.90	\$ 7,257.60	Invoice+labor+equi x 15%
464-6017	35	LF	RC PIPE (CL IV)(18 IN)	\$ 37.35	\$ 1,307.25	Invoice+labor+equi x 15%
467-6356	4	EA	S.E.T (TY II) (18 IN) (RCP) (3: 1) PRE CAST	\$ 910.44	\$ 3,641.76	Invoice+labor+equi x 15%
260-6001	16,901	SY	WORDING CHANGE ONLY FROM LIME TRT (SUBGRADE)(8") TO SUBGRADE PREPERATION (8")	NA	NA	
529-6302	734	LF	RIBBON CURB	\$ 13.23	\$ 9,710.82	8441x15%

450-WC01

CHANGE ORDER TOTAL

\$ 115,743.87



Work Order # 1607.6
Work Order Date: 11/7/2017

Patin Construction LLC

3800 West 2nd Street
Taylor, TX 76574
O: (512) 269-1071
F: (512) 269-1072

**WORK ORDER UNDER MASTER SUBCONTRACT
AGREEMENT**

FOR

Woolery Custom Fence Co.
P.O. Box 986
Elgin, Texas 78621
(512) 281-2186

Pursuant to Paragraph 1 of the Master Subcontract Agreement entered between **Patin Construction LLC** and **Woolery Custom Fence**, as of **November 17th, 2017**, Patin Construction LLC and Subcontractor hereby establish matters pertinent to the Subcontract Work described below:

1. Project: Arterial H West - Phase One
2. The Construction Site is located at: Sam Bass Rd and Arterial H, Round Rock, TX
3. The Project Owner is: Williamson County Texas, 901 S. Austin Ave. Georgetown, TX 78626
4. The Subcontract Price is not to exceed: \$59,032.25 (Fifty nine Thousand Thirteen dollars and Twenty five cents.)

5. The Contract Scope of Work is:

Item No.	Description	Unit	Qty.	Unit Price	Total
57	Wire Fence (TY A)	FT	475	\$7.25	\$3,081.25
CO#2	Pedestrian Handrail	FT	474	\$118.00	\$55,932.00

TOTAL: \$ 59,013.25

6. The following exhibits are incorporated by reference:

- Woolery Custom Fence Co., Proposal dated March 14, 2017

7. Patin Construction's on-site representatives is: Jimmy Patin, Project Manager

8. This Work Order, the Master Subcontract Agreement and the Contract Specifications and Documents incorporated into each of them by reference together constitute the entire agreement between the Parties and supersedes any and all prior written or oral agreements between the Parties with respect to the Subcontract Work on the Project.

Patin Construction LLC

By

Title President

Print Name Tim Patin

Date

11/16/17

Woolery Custom Fence Co.

By

Title

Authorized Representative

Print Name

Date

Shane Woolery
11/8/17



/se.





KOMATSU
PC200-7 (disc. 2011)

[Excavators \(/search?facets=%5B%7B%22facetId%22%3A%22category%22%2C%22facetFilter%22%3A%5B12%5D%7D%5D\)](#)
[Crawler Mounted Hydraulic Excavators \(/search?facets=%5B%7B%22facetId%22%3A%22subtype%22%2C%22facetFilter%22%3A%5B230%5D%7D%5D\)](#)
 19.1 - 21.0 MTons
[COMPARE SIMILAR MODELS \(/COMPARE-SIMILAR-MODELS/36476?CONFIGURATIONSEQUENCE=0&MODELYEAR=2011\)](#)

MARKET POPULARITY: POPULAR (HTTP://EQUIPMENTWATCH.COM/RESOURCE-LIBRARY/Dictionary/Model-POPULARITY/)

YEAR 2011

METER READS in Hours or MI/KILM

SERIAL NUMBER

...

Operating Weight: 20 mt Bucket Capacity - Heaped: 1 cu yd Power Mode: Diesel Net Horsepower: 143 hp

COSTS/RENTAL RATE BLUE BOOK | CRAWLER MOUNTED HYDRAULIC EXCAVATORS (PC200-7) | [PC200-7 \(disc. 2011\)](#)

Cost Recovery Rate (/model/Excavators/Crawler-Mounted-Hydraulic-Excavators/Komatsu/PC200-7/36476/costs/cost-recovery?modelYear=2011)

Internal Charge Rate (/model/Excavators/Crawler-Mounted-Hydraulic-Excavators/Komatsu/PC200-7/36476/costs/internal-charge?modelYear=2011)

Select Organization

OR

☐ Enter Values Manually

LOCATION	Location	OWNERSHIP ADJUSTMENT	100%
OPERATING ADJUSTMENT	100%	OWNERSHIP TIME STANDARD	Monthly

Active Rate Rate Effective Date Always Use Current Rate	Ownership Cost (Hourly) \$43.21 \$0.00 0% from Unadjusted Rate	Operating Cost (Hourly) \$42.75 \$0.00 0% from Unadjusted Rate	Your FHWA Rate (Hourly) (http://equipmentwatch.com/resource-library/dictionary/fhwa-rate/) = \$85.96 \$0.00 0% from Unadjusted Rate
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Ownership Cost, Unadj (Monthly)	Ownership Adjustment (100%)	Regional Adjustment (0%)	Year Adjustment (2011: 0%)
\$7,605.00 +	\$0.00 +	\$0.00 +	\$0.00

176 (Hourly Calculation)

Standby Rate Rate Effective Date Always Use Current Rate	Ownership Cost (Hourly) \$22.04 \$0.00 0% from Unadjusted Rate	Operating Cost (Hourly) \$0.00 \$0.00 0% from Unadjusted Rate	Your Standby Rate (Hourly) (https://equipmentwatch.com/resource-library/dictionary/standby-rates/) = \$22.04 \$0.00 0% from Unadjusted Rate
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Idling Rate Rate Effective Date Always Use Current Rate	Ownership Cost (Hourly) \$43.21 \$0.00 0% from Unadjusted Rate	Operating Cost (Hourly) \$15.20 \$0.00 0% from Unadjusted Rate	Your Idling Rate (Hourly) (https://equipmentwatch.com/resource-library/dictionary/idle-rates/) = \$58.41 \$0.00 0% from Unadjusted Rate
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Use



KOMATSU WA250-6 (disc. 2013)

Wheel Loaders (/search?facets=%5B%7B%22facetId%22%3A%22category%22%2C%22facetFilter%22%3A%5B32%5D%7D%5D)

4-Wd Articulated Wheel Loaders (/search?facets=%5B%7B%22facetId%22%3A%22subtype%22%2C%22facetFilter%22%3A%5B773%5D%7D%5D)

135 - 149 HP

[COMPARE SIMILAR MODELS \(/COMPARE-SIMILAR-MODELS/32122?CONFIGURATIONSEQUENCE=0&MODELYEAR=2013\)](#)

MARKET POPULARITY: VERY POPULAR (HTTP://EQUIPMENTWATCH.COM/RESOURCE-LIBRARY/Dictionary/Model-POPULARITY/)

YEAR	2013	METER READS	in Hours or MI/KILM	SERIAL NUMBER	...
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Operator Protection:
ROPS/FOPS

Power Mode: Diesel

Net Horsepower: 138 hp

Bucket Capacity - Heaped: 3 cu
yd

COSTS/RENTAL RATE BLUE BOOK (/model/Wheel-Loaders/4-Wd-Articulated-Wheel-Loaders/Komatsu/WA250-6/32122/costs/rental-rate?modelYear=2013)

Cost Recovery Rate (/model/Wheel-Loaders/4-Wd-Articulated-Wheel-Loaders/Komatsu/WA250-6/32122/costs/cost-recovery-rate?modelYear=2013)

Internal Charge Rate (/model/Wheel-Loaders/4-Wd-Articulated-Wheel-Loaders/Komatsu/WA250-6/32122/costs/internal-charge?modelYear=2013)

Select Organization OR ☐ Enter Values Manually

LOCATION	Location	OWNERSHIP ADJUSTMENT	100%
OPERATING ADJUSTMENT	100%	OWNERSHIP TIME STANDARD	Monthly
Active Rate	Ownership Cost (Hourly)	Operating Cost (Hourly)	Yearly FHW Rate (Hourly)
Rate Effective Date	\$21.39	\$24.05	(http://equipmentwatch.com/resource-library/dictionary/fhwa-rate/)
Always Use Current Rate	\$0.00 0% from Unadjusted Rate	\$0.00 0% from Unadjusted Rate	\$45.44
	☐ Collapse Formula		\$0.00 0% from Unadjusted Rate

Ownership Cost, Unadj (Monthly)	Ownership Adjustment (100%)	Regional Adjustment (0%)	Year Adjustment (2013: 0%)
\$3,765.00 +	\$0.00	\$0.00	\$0.00

176 (Hourly Calculation)

Standby Rate	Ownership Cost (Hourly)	Operating Cost (Hourly)	Yearly Standby Rate (Hourly)
Rate Effective Date	\$13.05	\$0.00	(https://equipmentwatch.com/resource-library/dictionary/standby-rates/)
Always Use Current Rate	\$0.00 0% from Unadjusted Rate	\$0.00 0% from Unadjusted Rate	\$13.05
	☐ Expand Formula		\$0.00 0% from Unadjusted Rate

Idling Rate	Ownership Cost (Hourly)	Operating Cost (Hourly)	Yearly Idling Rate (Hourly)
Rate Effective Date	\$21.39	\$11.24	(https://equipmentwatch.com/resource-library/dictionary/idle-rates/)
Always Use Current Rate	\$0.00 0% from Unadjusted Rate	\$0.00 0% from Unadjusted Rate	\$32.63
	☐ Expand Formula		\$0.00 0% from Unadjusted Rate



DEERE 410D (disc. 1996)

[+ ADD TO SAVED MODELS](#)

Wheel Tractors (/search?facets=%5B%7B%22facetId%22%3A%22category%22%2C%22facetFilter%22%3A%5B40%5D%7D%5D)
 › Tractor-Loader-Backhoes (/search?facets=%5B%7B%22facetId%22%3A%22subtype%22%2C%22facetFilter%22%3A%5B1029%5D%7D%5D)
 › 15' to Under 16'

[COMPARE SIMILAR MODELS \(/COMPARE-SIMILAR-MODELS/20012?CONFIGURATIONSEQUENCE=16&MODELYEAR=1996\)](#)

MARKET POPULARITY: VERY POPULAR (HTTP://EQUIPMENTWATCH.COM/RESOURCE-LIBRARY/Dictionary/MODEL-POPULARITY/)

YEAR	1996	METER READS	in Hours or MI/KILM	SERIAL NUMBER	...
YOUR CONFIGURATION*					
Drive	4WD	Loader Bucket Ca	1.25 cu yd	Operator Protection	EROPS
EDIT					
Drive: 4WD		Loader Bucket Capacity-- Heaped: 1.25 cu yd		Net Horsepower: 85 hp	
				Operator Protection: EROPS	

COSTS/RENTAL RATE BLUE BOOK (/model/Wheel-Tractors/Tractor-Loader-Backhoes/Deere/410D/20012/costs/cost-recovery?configurationSequence=16&modelYear=1996)

Cost Recovery Rate (/model/Wheel-Tractors/Tractor-Loader-Backhoes/Deere/410D/20012/costs/cost-recovery?configurationSequence=16&modelYear=1996)

Internal Charge Rate (/model/Wheel-Tractors/Tractor-Loader-Backhoes/Deere/410D/20012/costs/internal-charge?configurationSequence=16&modelYear=1996)

Select Organization OR ☐ Enter Values Manually

LOCATION	Location	OWNERSHIP ADJUSTMENT	100%
OPERATING ADJUSTMENT	100%	OWNERSHIP TIME STANDARD	Monthly
Active Rate Rate Effective Date Always Use Current Rate		Ownership Cost (Hourly) \$19.57 \$0.00 0% from Unadjusted Rate	Operating Cost (Hourly) \$21.40 \$0.00 0% from Unadjusted Rate
		Yours Formula Rate (Hourly) (http://equipmentwatch.com/resource-library/dictionary/bwa-rate/) = \$40.97 \$0.00 0% from Unadjusted Rate	

Ownership Cost, Unadj (Monthly)	Ownership Adjustment (100%)	Regional Adjustment (0%)	Year Adjustment (1996: 0%)
\$3,445.00 +	\$0.00 +	\$0.00 +	\$0.00

176 (Hourly Calculation)

Standby Rate Rate Effective Date Always Use Current Rate	Ownership Cost (Hourly) \$10.57 \$0.00 0% from Unadjusted Rate	Operating Cost (Hourly) \$0.00 \$0.00 0% from Unadjusted Rate	Yours Standby Rate (Hourly) (https://equipmentwatch.com/resource-library/dictionary/standby-rates/) = \$10.57 \$0.00 0% from Unadjusted Rate
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Idling Rate Rate Effective Date Always Use Current Rate	Ownership Cost (Hourly) \$19.57 \$0.00 0% from Unadjusted Rate	Operating Cost (Hourly) \$8.37 \$0.00 0% from Unadjusted Rate	Yours Idling Rate (Hourly) (https://equipmentwatch.com/resource-library/dictionary/idle-rates/) = \$27.94 \$0.00 0% from Unadjusted Rate
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INVOICE

9609 Beck Circle Austin, Texas 78758-5401
Phone: (512) 833-5410 Fax: (512) 833-5407

CUST.#: 1319
SHIP TO: ARTERIAL H PHASE 1
PATIN CONSTRUCTION, LLC
ARTERIAL H
ROUND ROCK, TX

BILL TO: PATIN CONSTRUCTION, LLC
3800 WEST 2ND STREET
TAYLOR, TX 76574

INVOICE DATE	SHIPPED	ORDER NO.
		1082297-00
P.O. NO.	PAGE #	TERMS
1607	1	NET 30 DAYS
INSTRUCTIONS		
SHIP POINT	SHIP VIA	
Techline Pipe Hutto		

Please remit all payments to:

Techline Pipe, L.P.
P.O. Box 4328
Houston, TX 77210-4328

Please remit overnight payments to:

Techline Pipe, L.P.
Attn: Lockbox 4328
10900 Corp. Centre Dr, Ste 150
Houston, TX 77041
(713) 867-1031

LINE NO.	QUANTITY ORDERED	QUANTITY B.O.	PRODUCT AND DESCRIPTION	QTY. SHIPPED	QTY. U/M	UNIT PRICE	AMOUNT (NET)
1	384		SSCH80040BE 4" x 20' SCH-80 PVC BELL END PIPE, GREY		FT	6.90	2649.60
1	Lines Total		Qty Shipped Total	384		Total	2649.60
						Invoice Total	2649.60

Last Page

Past due invoices will accrue interest at the rate of one and one-half percent (1.5%) per month (18% per year).

PAYROLL (FOR CONTRACTOR'S OPTIONAL USE)

NAME OF CONTRACTOR ☐ OR SUBCONTRACTOR ☐

PATIN CONSTRUCTION LLC

- 5729

ADDRESS 3800 W 2ND STREET
TAYLOR TX 76574

PAYROLL NO.

PROJECT OR CONTRACT NO.

1607

PERIOD BEGIN 11/20/2017 PERIOD END 11/26/2017

(1) NAME AND INDIVIDUAL IDENTIFYING NUMBER (e.g., LAST FOUR DIGITS OF SOCIAL SECURITY NUMBER) OF WORKER	(2) NO. OF WITHHOLDING EXEMPTIONS	(3) WORK CLASSIFI- CATION	(4) DAY AND DATE							(5) TOTAL HOURS OF PAY WEEK	(6) RATE OF PAY	(7) GROSS PROJ. WEEK	(8) DEDUCTIONS				(9) CHECK NO. NET WAGES PAID FOR WEEK	
			HOURS WORKED EACH DAY										FICA	FED W/H	STATE TAXES	OTHER		TOTAL
			Sun	Mon	Tue	Wed	Thu	Fri	Sat									
			26	20	21	22	23	24	25									

HOURS WORKED EACH DAY

AAA-AA-JJUUU HERNANDEZ, ADOLFO	M 3	O									25.50	510.00						DIRDEP
		S	10.00	10.00	10.00	10.00				30.00	17.00	510.00	27.42	0.00	0.00		27.42	482.58
HERNANDEZ, OLIVER	S 2	O								0.50	21.00	570.50						DIRDEP
		S	2.00	10.00	10.00	10.00	8.00			40.00	14.00	570.50	39.31	38.12	0.00		77.43	493.07
JARAMILLO, AMANDO	M 2	O									22.50	450.00						DIRDEP
		S	10.00	10.00	10.00	10.00				30.00	15.00	450.00	34.43	12.79	0.00		47.22	402.78

Conduit Install:

17x15=\$255.00
14x15=\$210.00
15x15=\$225.00
16x15=\$240.00

Total: \$930.00

Precast SET Install:

17x9=\$153.00
14x9=\$126.00
15x9=\$135.00
16x9=\$144.00

Total: \$558.00

RCP CI IV Install:

17x2=\$34.00
14x2=\$28.00
15x2=\$30.00
16x2=\$32.00

Total: \$124.00

Equip for Install:

Ex Komatsu 200 - 85.96x15=\$1440
Komatsu Loader 250 - 45.44x15=\$681.60
JD 410 Backhoe - 40.97x15=\$614.55

Total: \$2736.15

Ex Komatsu 200 - 85.96x9=\$773.64
Komatsu Loader 250 - 45.44x9=\$408.96
JD 410 Backhoe - 40.97x9=\$368.73

Total: \$1551.33

Komatsu Loader 250 - 45.44x2=\$90.88
JD 410 Backhoe - 40.97x2=\$81.94

Total: \$172.82

S = Straight Time

Created by Paydrex, LLC. (Rev. Dec. 2000)

CTOR'S OPTIONAL USE)

NAME OF CONTRACTOR ☐ OR SUBCONTRACTOR ☐

PATIN CONSTRUCTION LLC

- S729

ADDRESS 3800 W 2ND STREET
TAYLOR TX 76574

PAYROLL NO.

PERIOD BEGIN	11/20/2017	PERIOD END	11/26/2017
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PROJECT AND LOCATION
1. Project Name: [Project Name] 2. Location: [Location] 3. Client: [Client Name] 4. Project Manager: [Project Manager Name] 5. Start Date: [Start Date] 6. End Date: [End Date]

PROJECT OR CONTRACT NO.

1607

1607

[illegible][illegible]

O = Overtime
S = Straight Time

INVOICE



WWW.FORTERRABP.COM

Ship To:
ARTERIAL H
ROUND ROCK TX 78664
United States of America

Bill To:
PATIN CONSTRUCTION, LC.
3800 W 2ND ST
TAYLOR TX 76574-4624
United States of America

Remit To:
Forterra Pipe & Precast, LLC
PO BOX 842481
DALLAS TX 75284-2481

Invoice Date	Page Number
13-OCT-17	1 of 1
Invoice Number	
11563665	
Sales Contract	Customer Number
10950303	00035244
Customer Order	

Date	Plant	BOL No	Description	Qty	Unit	Unit price	Extended Price
11-OCT-17	10417	2722940	LEIU OF CL4 18" CL5 8' T&G RCP	32	LINEAR FEET	24.00	768.00
			STRUCTURE TOTAL				768.00
11-OCT-17	10417	2722940	MISC 3/4" X 2.50' PREFORMED PLASTIC GASKET	1	EACH	.00	.00
			STRUCTURE TOTAL				.00
			MATERIAL SUB-TOTAL				768.00
Term: NET 30 Days				Total Qty	33	Sales Tax:	.00
FEIN# 54-0179210		Customer Service# 469-458-7973 credit@forterrabp.com		Take Discount of	IF PAID ON OR BEFORE	AMOUNT DUE	
				.00	MO DAY 11 12	768.00	

PAYROLL (FOR CO'

NAME OF CONTRACTOR ☐ OR SUBCONTRACTOR ☐

PATIN CONSTRUCTION LLC

- 5729

PAYROLL NO.

PROJECT OR CONTRACT NO.

PROJECT AND LOCATION

PERIOD BEGIN	11/20/2017	PERIOD END	11/26/2017
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(1) NAME AND INDIVIDUAL IDENTIFYING NUMBER (e.g., LAST FOUR DIGITS OF SOCIAL SECURITY NUMBER) OF WORKER	(2) NO. OF WITHHOLDING EXEMPTIONS	(3) WORK CLASSIFI- CATION	(4) DAY AND DATE							(5) TOTAL HOURS	(6) RATE OF PAY	(7) GROSS PROJ. WEEK	(8) DEDUCTIONS				(9) CHECK NO.			
			Sun	Mon	Tue	Wed	Thu	Fri	Sat				FICA	FED W/H	STATE TAXES	OTHER	OTHER	TOTAL	NET WAGES PAID FOR WEEK	
HUNK, OTIS	M	B	26	20	21	22	23	24	25	40.00	47.50	1880.00	433.47	206.98	0.00					1460.85
NORMAN, HAYDEN	S	Pest	10.00	10.00	10.00	10.00	10.00			30.00	24.00	480.00	36.72	44.72	0.00			81.44	398.56	

[illegible]

O = Overtime
S = Straight Time

INVOICE



WWW.FORTERRABP.COM

Ship To:
ARTERIAL H
ROUND ROCK TX 78664
United States of America

Bill To:
PATIN CONSTRUCTION, LC.
3800 W 2ND ST
TAYLOR TX 76574-4624
United States of America

Remit To:
Forterra Pipe & Precast, LLC
PO BOX 842481
DALLAS TX 75284-2481

Invoice Date	Page Number
16-NOV-17	1 of 1
Invoice Number	
11571446	
Sales Contract	Customer Number
10950303	00035244
Customer Order	

Date	Plant	BOL No	Description	Qty	Unit	Unit price	Extended Price
16-NOV-17	10474	2741446	MISC				
			18" 3:1 PRECAST SET	4	EACH	264.35	1,057.40
			STRUCTURE TOTAL				1,057.40
			MATERIAL SUB-TOTAL				1,057.40
Term: NET 30 Days				Total Qty	4	Sales Tax:	.00
FEIN# 54-0179210		Customer Service# 469-458-7973 credit@forterrabp.com		Take Discount of	IF PAID ON OR BEFORE	AMOUNT DUE	
				.00	MO DAY 12 16	1,057.40	

PAYROLL (FOR CONTRACTOR'S OPTIONAL USE)

NAME OF CONTRACTOR ☐ OR SUBCONTRACTOR ☐ ADDRESS 3800 W 2ND STREET
 PATIN CONSTRUCTION LLC TAYLOR TX 76574
 PAYROLL NO. PROJECT OR CONTRACT NO. 1607

(1) NAME AND INDIVIDUAL IDENTIFYING NUMBER (e.g., LAST FOUR DIGITS OF SOCIAL SECURITY NUMBER) OF WORKER		(2) NO. OF WITHHOLDING EXEMPTIONS	(3) WORK CLASSIFI- CATION	(4) DAY AND DATE							(5) TOTAL HOURS OF PAY WEEK	(6) GROSS PROJ. WEEK	(8) DEDUCTIONS				(9) CHECK NO. NET WAGES PAID FOR WEEK		
				PERIOD BEGIN 11/20/2017 PERIOD END 11/26/2017									FICA	FED W/H	STATE TAXES	OTHER		TOTAL	
				Sun	Mon	Tue	Wed	Thu	Fri	Sat									
				26	20	21	22	23	24	25	HOURS WORKED EACH DAY								
PROJECT AND LOCATION											PROJECT OR CONTRACT NO. 1607								

AAA-AA-0000 HERNANDEZ, ADOLFO	H 3	O									25.50						DIRDEP
										30.00	510.00						27.42
											510.00						482.58
HERNANDEZ, OLIVER	S 2	O								0.50	21.00						DIRDEP
										40.00	570.50						77.43
											570.50						493.07
JARANILLO, AMANDO	H 2	O									22.50						DIRDEP
										30.00	450.00						47.22
											450.00						402.78

Equipment for Install:
 Equip for Install:
 Ex Komatsu 200 - 85.96x15=\$1440
 Komatsu Loader 250 - 45.44x15=\$681.60
 JD 410 Backhoe - 40.97x15=\$614.55
 Total: \$2736.15
 Precast SET Install:
 17x15=\$255.00
 14x15=\$210.00
 15x15=\$225.00
 16x15=\$240.00
 Total: \$930.00
 Komatsu 200 - 85.96x9=\$773.64
 Komatsu Loader 250 - 45.44x9=\$408.96
 JD 410 Backhoe - 40.97x9=\$368.73
 Total: \$1551.33
 RCP CHV Install:
 17x2=\$34.00
 14x2=\$28.00
 15x2=\$30.00
 16x2=\$32.00
 Total: \$124.00
 Komatsu Loader 250 - 45.44x2=\$90.88
 JD 410 Backhoe - 40.97x2=\$81.94
 Total: \$172.82

PAYROLL (FOR CO-OWNER'S OPTIONAL USE)

NAME OF CONTRACTOR ☐ OR SUBCONTRACTOR ☐		ADDRESS 3800 W 2ND STREET TAYLOR TX 76574																	
PATIN CONSTRUCTION LLC		PROJECT OR CONTRACT NO. 1607																	
PERIOD BEGIN 11/20/2017 PERIOD END 11/26/2017		PROJECT AND LOCATION 1604-063 Asterial H																	
(1) NAME AND INDIVIDUAL IDENTIFYING NUMBER (e.g., LAST FOUR DIGITS OF SOCIAL SECURITY NUMBER) OF WORKER	(2) NO. OF WITHHOLDING EXEMPTIONS	(3) WORK CLASSIFI- CATION	(4) DAY AND DATE							(5) TOTAL HOURS OF PAY	(6) GROSS PROJ. WEEK	(8) DEDUCTIONS				(9) CHECK NO. NET WAGES PAID FOR WEEK DTRUEP			
			Sun 26	Mon 20	Tue 21	Wed 22	Thu 23	Fri 24	Sat 25			FICA	FED W/H	STATE TAXES	OTHER		OTHER	TOTAL	
NORMAN, HAYDEN	1	Exempt								40.00	42.00	422.42	206.98	0.00				339.15	1460.85
	1	Exempt								30.00	24.00	36.72	44.72	0.00				81.44	398.56

HOLT ENGINEERING, INC.

2220 Barton Skyway; Austin, Texas 78704
Ph. 512-447-8166 Fax 512-447-0852

ATTERBERG LIMITS

REPORT NO. 02

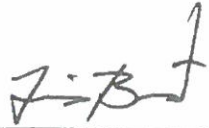
PROJECT: Arterial H – Phase 1 REPORT DATE: 16 August 2017
LOCATION: Sam Bass Road & Arterial H FILE NO.: 07-27916
Round Rock, Texas 78681 WORK ORDER NO: 1607.7
CLIENT: Patin Construction, LLC DATES SAMPLED: 08-10-17 and 08-14-17
3800 West 2nd Street
Taylor, Texas 76574
ATTN.: Mr. Jimmy Patin

REPORT OF: Atterberg Limits (ASTM D-4318)
MATERIAL DESCRIPTION: 1 Red and Brown Clay
2 Brown Clay
3 Brown Clay
MATERIAL SOURCE: On-Site- Cut Subgrade in Roadway

ATTERBERG LIMITS (ASTM D-4318):

NO.	SAMPLE LOCATION	LIQUID LIMIT (%)	PLASTIC LIMIT (%)	PLASTICITY INDEX
1	Arteria Dr., Sta. 13+00 (Material 1)	36	17	19
2	Arteria Dr., Sta. 19+50 (Material 2)	35	16	19
3	Arteria Dr., Sta. 23+00 (Material 3)	49	19	30

22+50 to 26+75 - undercut 1' and the lower PI material was added.


Travis H. Bryant, P.E.
Project Engineer
Holt Engineering, Inc.
TBPE Registration No. F-430





REQUEST FOR INFORMATION FORM

RFI NO.: 5 DATE: 9/12/17
PROJECT: 1613-064 Arterial H RESPONSE REQUESTED BY
DATE: 9/20/17
TO: R. Brent Jones, P.E.

REFERENCE: Plan Sheet 28, 29, 112.

PROBLEM:

The plans call for open back curb inlets that are 14.50' wide without a backwall and they are 10 or 15 feet long.

RECOMMENDED SOLUTION:

We would like to propose to use a standard curb inlet with a backwall (see plan sheet 85), add a pipe to the back of the inlet and place an SET on the pipe. This will eliminate the need to protect any drop offs along the sidewalk. The swale can be adjusted to accommodate this solution. This is similar to the call-out for curb inlet 16. If this proposal is acceptable, provide size of pipe for inlets 11, 13, and 15.

Clayton K. Weber, HNTB
Originator

Christen Eschberger, P.E.
Supervisor

RESPONSE:

The proposal to use a standard curb inlet is acceptable. RJ recommends using at least an 18" RCP. The swales may be adjusted within the easement as long as they maintain the plan length and slope. Additionally RJ recommends the connecting RCP from curb inlet to SET be CLASS IV if two feet of cover are not provided. If a concrete collar is used it should be doweled into the curb structure. Reduced pipe clearance is only allowed for inlets #11 and #13 as long as 18" pipe cross sectional flow area is not reduced to less than 60%.

ISRAEL RAMIREZ, P.E.
Responder

9.25.2017
Date

Sign, Date & Return to HNTB via e-mail or fax.

Mail original to: HNTB Corporation
101 E. Old Settlers Blvd.
Ste. 100
Round Rock, Tx 78664

Attachments to RFI:

Cc: