



2025-002
NW 27th STREET DRAINAGE IMPROVEMENTS

BIDDING REQUIREMENTS
CONTRACT FORMS
CONDITIONS OF THE CONTRACT

PRE-BID CONFERENCE DATE AND TIME: January 22, 2025 @ 10:00 am

BID OPENING DATE AND TIME: February 6, 2025 @ 11:00 am

BID BOND REQUIRED: YES

PERFORMANCE BOND REQUIRED: YES

PAYMENT BOND REQUIRED: YES

NOTE: THESE PLANS AND SPECS RELATE TO CITY SECURE INFRASTRUCTURE. PURSUANT TO FLORIDA LAW, THIS IS EXEMPT FROM DISCLOSURE AS DOCUMENTS THAT MAY DISCLOSE THE SECURITY AND/OR FIRESAFETY MATTERS. BIDDER IS RESPONSIBLE TO MAINTAIN CONFIDENTIALITY OF THESE PLANS AND SPECS AND TO ENSURE THAT SUCH PLANS AND SPECS ARE NOT DISTRIBUTED TO INDIVIDUALS AND FIRMS THAT DO NOT HAVE A REAL INTEREST IN THE BID.

BID PROPOSAL FORM BID NO. 2025-002

BID TO: CITY COMMISSION
CITY OF MARGATE

1. The undersigned bidder proposes and agrees, if this bid is accepted, to enter into an Agreement with the City in the form included in the Contract Documents to perform the Work as specified or indicated in said Contract Documents entitled:

**NW 27th Street Drainage Improvements
BID NO. 2025-002**

2. Bidder accepts all of the terms and conditions of the Contract Documents, including without limitation those in the "Notice Inviting Bids", and "Instructions to Bidders", dealing with the disposition of the bid security.
3. The bid will remain open for the period stated in the "Notice Inviting Bids", unless otherwise required by law. Bidder will enter into an Agreement within the time and in the manner required in the "Notice Inviting Bids" and the "Instructions to Bidders", and will furnish the insurance certificates, Payment Bond and Performance Bond required by the Contract Documents.
4. It is the Contractor's responsibility to contact the City @ (954) 935-5346 prior to the bid opening to determine if any addenda have been issued on the project. Bidder has examined copies of all the Contract Documents including the following addenda (receipt of all of which is acknowledged):

Number	<u>1</u>	Date	<u>January 17, 2025</u>
	<u>2</u>		<u>January 21, 2025</u>
	<u>3</u>		<u>January 30, 2025</u>
	<u>4</u>		<u>January 31, 2025</u>

5. Bidder has familiarized itself with the nature and extent of the Contract Documents, Work, site, locality where the Work is to be performed, the legal requirements (federal, state and local laws, ordinances, rules and regulations), and the conditions affecting cost, progress or performance of the Work and has made such independent investigations as bidder deems necessary.
6. This bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm, or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization, or corporation. Bidder has not directly or indirectly induced or solicited any other bidder to submit a false or sham bid. Bidder has not solicited or induced any person, firm or corporation to refrain from bidding and Bidder has not sought by collusion to obtain for itself any advantage over any other bidder or over the City.

To all the foregoing, and including all Bid Schedule(s) and information required of bidder contained in this Bid Form, said Bidder further agrees to complete the Work required under the Contract Documents within the Agreement Time stipulated in said Contract Documents, and to accept in full payment thereof the Agreement Sum based on the total bid price(s) named in the aforementioned Bidding Schedule(s).


BID PROPOSAL FORM BID NO. 2025-002

NAME OF FIRM Heavy Civil Inc.

ADDRESS: 8230 210th St S, Suite 215, Boca Raton
FL 33433

NAME OF SIGNER Todd Kneisel
(Print or Type)

TITLE OF SIGNER President

SIGNATURE:  DATE: February 6, 2025

TELEPHONE NO: 954-597-6443 FAX NO: N/A

E-MAIL: tiffany@heavycivilinc.com

ACKNOWLEDGEMENT FORM

ADDENDUM NO. 1

BID NO. 2025-002

I acknowledge receipt of Addendum No. 1 for BID No. 2025-002. This addendum contains three (3) pages. Please include the original of this form in your Bid submission.

Company Name: Heavy Civil Inc.

Address: 8230 210th St S, Suite 215, Boca Raton, FL 33433

Name of Signer Todd Kneisel
(please print)

Signature: [Signature] Date: 1-17-25

Telephone: 954-597-6443 Facsimile: N/A

Please fax your completed form to (954) 935-5258 or e-mail to purchase@margatefl.com.

Kelly McGilvray

Kelly McGilvray
Buyer II

Friday, January 17, 2025

NOTE: The original of this form must be included with your Bid submission.

ACKNOWLEDGEMENT FORM

ADDENDUM NO. 2

BID NO. 2025-002

I acknowledge receipt of Addendum No. 2 for BID No. 2025-002. This addendum contains four (4) pages. Please include the original of this form in your Bid submission.

Company Name: Heavy Civil Inc.

Address: 8230 210th St S, Suite 215, Boca Raton, FL 33433

Name of Signer Todd Kneisel
(please print)

Signature: [Signature] Date: 1-21-25

Telephone: 954-597-6443 Facsimile: N/A

Please fax your completed form to (954) 935-5258 or e-mail to purchase@margatefl.com.

Kelly McGilvray

Kelly McGilvray
Buyer II

Tuesday, January 21, 2025

NOTE: The original of this form must be included with your Bid submission.

ACKNOWLEDGEMENT FORM

ADDENDUM NO. 3

BID NO. 2025-002

I acknowledge receipt of Addendum No. 3 for BID No. 2025-002. This addendum contains ten (10) pages.
Please include the original of this form in your Bid submission.

Company Name: Heavy Civil Inc.

Address: 8230 210th St S, Suite 215, Boca Raton, FL 33433

Name of Signer Todd Kneisel
(please print)

Signature: _____ Date: 1-30-25

Telephone: 954-597-6443 Facsimile: N/A

Please fax your completed form to (954) 935-5258 or e-mail to purchase@margatefl.com.

Kelly McGilvray

Kelly McGilvray
Buyer II

Thursday, January 30, 2025

NOTE: The original of this form must be included with your Bid submission.

ACKNOWLEDGEMENT FORM

ADDENDUM NO. 4

BID NO. 2025-002

I acknowledge receipt of Addendum No. 4 for BID No. 2025-002. This addendum contains ten (10) pages. Please include the original of this form in your Bid submission.

Company Name: Heavy Civil Inc.
Address: 8230 210th St S, Suite 215, Boca Raton, FL 33433
Name of Signer Todd Kneisel
(please print)
Signature: [Signature] Date: 1-31-25
Telephone: 954-597-6443 Facsimile: N/A

Please fax your completed form to (954) 935-5258 or e-mail to purchase@margatefl.com.

Kelly McGilvray
Kelly McGilvray
Buyer II

Friday, January 31, 2025

NOTE: The original of this form must be included with your Bid submission.

SCHEDULE OF BID PRICES – BID NO. 2025-002

TO: CITY COMMISSION

CITY OF MARGATE

(Please fill in all blanks and return with your Bid.)

Heavy Civil Inc.

BIDDER AGREES TO PERFORM ALL THE WORK DESCRIBED IN THE AGREEMENT DOCUMENTS FOR THE ABOVE UNIT PRICES OR LUMP SUMS. BIDS SHALL INCLUDE SALES TAX AND ALL OTHER APPLICABLE TAXES AND BIDDER UNDERSTANDS THAT THE EXTENDED TOTAL FOR EACH AND EVERY ITEM IS THE RESULT OF MULTIPLYING THE QUANTITY TIMES THE UNIT COST STATED IN FIGURES. ANY DISCREPANCY BETWEEN THE UNIT AND TOTAL, THE UNIT PREVAILS.

In accordance with your Notice Inviting Bid and the specifications contained herein, the undersigned proposes the following:

.....

	Item	Section 1025	Quantity	Unit Cost	Unit	Total Cost
	CONSTRUCTION - GENERAL					
1	Mobilization	1.2	1	\$60,000	LS	\$60,000.00
2	Maintenance of Traffic	1.3	1	\$28,000	LS	\$28,000.00
3	Bonds and Insurance	1.4	1	\$17,000	LS	\$17,000.00
	GENERAL SUBTOTAL					\$105,000.00
	CONSTRUCTION - DEMOLITION					
4	Clear and Grade Existing Grass Area	1.5	750	\$ 8.67	SY	\$6,502.50
5	Remove and Dispose of Existing Asphalt Pavement	1.6	120	\$ 33.25	SY	\$3,990.00
6	Remove Existing Limerock Base Material	1.7	120	\$ 28.95	SY	\$3,474.00
7	Remove Existing Asphalt Driveway Approach	1.22	170	\$ 21.02	SY	\$3,573.40
8	Remove Existing Concrete Driveway Approach	1.23	60	\$ 44.88	SY	\$2,692.80
9	Remove Existing Paver Driveway Approach	1.24	90	\$ 34.45	SY	\$3,100.50
10	Remove Existing Tree	1.8	1	\$2,000.00	EA	\$2,000.00
11	Remove Existing Shrub	1.26	1	\$ 500.00	EA	\$ 500.00
12	Remove Existing Hedge	1.25	15	\$ 300.00	LF	\$4,500.00
13	Remove Existing Sign REMOVED	1.9	1	\$	EA	REMOVED
14	Remove Existing Mailbox	1.1	5	\$ 300.00	EA	\$1,500.00
15	Remove Existing Storm Drainage Pipe	1.11	76	\$ 19.07	LF	\$1,449.32
16	Remove Existing Catch Basin	1.11	4	\$ 975.00	EA	\$3,900.00
17	Grout and Abandon Existing Storm Drainage Pipe	1.12	110	\$ 30.90	LF	\$3,399.00
18	Adjust and Repair Existing Sewer Lateral	1.13	4	\$3,650.00	EA	\$14,600.00
	UTILITY ITEMS SUBTOTAL					\$55,181.52

	CONSTRUCTION - DRAINAGE					
19	Furnish and Install 48" Diameter Drainage Catch Basin	1.14	7	\$10,907.15	EA	\$76,350.05
20	Furnish and Install 48" Diameter Drainage Control Structure	1.14	1	\$11,952.00	EA	\$11,952.00
21	Furnish and Install 15" HDPE Pipe	1.15	66	\$324.24	LF	\$21,399.84
22	Furnish and Install 18" HDPE Pipe	1.15	183	\$247.00	LF	\$45,201.00
23	Furnish and Install 18" HDPE Pipe with Exfiltration Trench	1.15	470	\$404.83	LF	\$190,270.01
24	Connect to Existing Storm Drainage Pipe	1.16	1	\$2,500.00	EA	\$2,500.00
25	Furnish and Install Pollution Retardant Baffle	1.17	6	\$1,100.00	EA	\$6,600.00
	DRAINAGE ITEMS SUBTOTAL					\$354,272.90
	CONSTRUCTION - RESTORATION					
26	Stabilization of Subgrade	1.18	120	\$46.50	SY	\$5,580.00
27	Furnish and Compact Limerock Base Material	1.19	120	\$77.90	SY	\$9,348.00
28	Furnish and Place Asphalt Pavement Type S-1 1st Lift	1.2	120	\$239.84	SY	\$28,780.80
29	Furnish and Place Asphalt Pavement Type S-III 2nd Lift	1.2	255	\$31.39	SY	\$8,004.45
30	Mill Existing Asphalt Pavement	1.21	135	\$19.15	SY	\$2,585.25
31	Furnish and Install Asphalt Driveway Approach	1.22	170	\$84.09	SY	\$14,295.30
32	Furnish and Install Concrete Driveway Approach	1.23	60	\$124.27	SY	\$7,456.20
33	Furnish and Install Paver Driveway Approach	1.24	90	\$150.00	SY	\$13,500.00
34	Furnish and Install Tree	1.8	1	\$2,000.00	EA	\$2,000.00
35	Furnish and Install Hedge	1.25	15	\$100.00	LF	\$1,500.00
36	Furnish and Install Shrub	1.26	1	\$1,000.00	EA	\$1,000.00
37	Replace Existing Sign REMOVED	1.9	1	\$	EA	REMOVED
38	Reinstall Existing Mailbox	1.1	4	\$500.00	EA	\$2,000.00
39	Furnish and Install Sod	1.27	750	\$9.00	SY	\$6,750.00
40	Existing Irrigation System Restoration	1.28	1	\$2,000.00	LS	\$2,000.00
41	Furnish and Place 6" Double Yellow	1.29	100	\$15.00	LF	\$1,500.00
	RESTORATION ITEMS SUBTOTAL					\$106,300.00
	MISCELLANEOUS					
42	Additional Compensation For Excavation in Hard Rock Conditions	1.3	10	\$10,000.00	LF	\$10,000.00
	MISCELLANEOUS SUBTOTAL					\$10,000.00
				Permit Fees	AL	\$7,000.00
				Contingency	LS	\$30,000.00
				Cost of Indemnification	LS	\$100.00
				ESTIMATED COST SUBTOTAL		\$37,100.00
	CONSTRUCTION AND GENERAL TOTAL					\$667,857.42

City reserves the right to delete the below item, if item is deleted grouting will NOT be required.

Please enter the deduct price

	DELETE ITEM					
17	Grout and Abandon Existing Storm Drainage Pipe	1.12	110	-\$	LF	-\$

Note: City permit fees shall not be waived and should be included in your bid proposal.

ALL BIDS MUST BE SIGNED WITH THE VENDOR NAME AND BY AN OFFICER OR EMPLOYEE HAVING THE AUTHORITY TO BIND THE COMPANY OR FIRM BY SIGNATURE.

SAFETY DATA SHEETS ENCLOSED?

YES ✓ NO

SPECIFICATION SHEETS/BROCHURES?

YES ✓ NO

WILL YOUR FIRM ACCEPT PAYMENT VIA A CITY OF MARGATE VISA CARD?

YES NO ✓

HAVE YOUR INSURANCE REPRESENTATIVE REVIEW THE SAMPLE INSURANCE CERTIFICATE TO ENSURE COMPLIANCE.

BID BOND

The public should take notice:

That we Heavy Civil Inc. as Principal, and Frankenmuth Insurance Company as Surety, are held and firmly bound unto City of Margate, hereinafter called "City" in the sum of (\$5% of amount bid) Five Percent of Amount Bid dollars, (not less than 5 percent of the total amount of the bid, if the bidder submits both a Base Bid and a Bid Alternative, the total bid price will be the higher of the two) for the payment of which sum, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, said Principal has submitted a bid to said City to perform the Work required under the bidding schedule of the City's Contract Documents entitled:

BID NO. 2025-002- NW 27th Street Drainage Improvements

NOW THEREFORE, if said Principal is awarded a contract by said City and, within the time and in the manner required in the "Notice Inviting Bids" and the "Instructions to Bidders" enters into a written Agreement on the form of the agreement bound with said Contract Documents, furnishes the required certificates of insurance, and furnishes the required Performance Bond, then this obligation shall be null and void, otherwise it shall remain in full force and effect. In the event suit is brought upon this bond by said City and City prevails, said Surety shall pay all costs incurred by said City in such suit, including a reasonable attorney's fee to be fixed by the court.

SIGNED AND SEALED, this 30th day of January, 2025

Heavy Civil Inc. Frankenmuth Insurance Company
(PRINCIPAL) (SURETY)

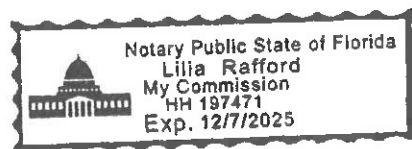
By: Todd Kneisel, President By: Warren M. Alter, Attorney-in-Fact
(SIGNATURE) (SIGNATURE)

STATE OF FLORIDA, COUNTY OF BROWARD:

BEFORE ME PERSONALLY APPEARED THE ABOVE, KNOWN TO ME BY MEANS OF ☒ PHYSICAL PRESENCE OR ☐ ONLINE NOTARIZATION TO BE THE PERSONS DESCRIBED IN AND WHO EXECUTED THE FOREGOING INSTRUMENT, AND ACKNOWLEDGED TO AND BEFORE ME THAT THEY EXECUTED SAID INSTRUMENT FOR THE PURPOSES THEREIN EXPRESSED.

WITNESS MY HAND AND OFFICIAL SEAL, THIS 30th DAY OF January, 2025

NOTARY PUBLIC: Lilia Rafford



FRANKENMUTH INSURANCE COMPANY

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that Frankenmuth Insurance Company (the "Company"), a corporation duly organized and existing under the laws of the State of Michigan, having its principal office at 1 Mutual Avenue, Frankenmuth, Michigan 48787, does hereby nominate, constitute and appoint:

Warren M. Alter, Jonathan A. Bursevich, David T. Satine, Dawn Auspitz

Their true and lawful attorney(s)-in-fact, each in their separate capacity if more than one is named above, to make, execute, seal, acknowledge and deliver any and all bonds, contracts and undertakings of suretyship, with the exception of Financial Guaranty Insurance, provided, however, that the penal sum of any one such instrument shall not exceed the sum of:

Fifty Million and 00/100 Dollars (\$50,000,000)

This Power of Attorney is granted pursuant to the following Resolution duly adopted at a meeting of the Board of Directors of Frankenmuth Insurance Company:

"RESOLVED, that the President, Senior Vice President or Vice President and each of them under their respective designations, hereby is authorized to execute powers of attorney, and such authority can be executed by use of facsimile signature, which may be attested or acknowledged by any officer of the Company, qualifying the attorney(s) named in the given power of attorney, to execute on behalf of, and acknowledge as the act and deed of Frankenmuth Insurance Company on all bonds, contracts and undertakings of suretyship, and to affix the corporate seal thereto."

IN WITNESS WHEREOF, the Company has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunto affixed this 15th day of December, 2022.



Frankenmuth Insurance Company

By Frederick A. Edmond, Jr.
Frederick A. Edmond, Jr.,
President and Chief Executive Officer

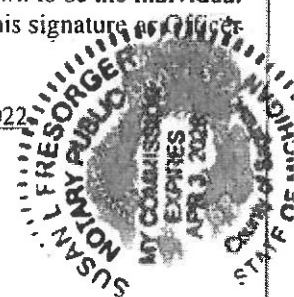
ss:

Sworn to before me, a Notary Public in the State of Michigan, by Frederick A. Edmond, Jr., to me personally known to be the individual and officer described in, and who executed the preceding instrument, deposited and said the Corporate Seal and his signature as Officer were affixed and subscribed to said instrument by the authority of the Company.

IN TESTIMONY WHEREOF, I have set my hand, and affixed my Official Seal this 15th day of December, 2022.

Susan L. Fresorger
Susan L. Fresorger, Notary Public
Saginaw County, State of Michigan
My Commission Expires: April 3, 2028

(Seal)



I, the undersigned, Executive Vice President of Frankenmuth Insurance Company, do hereby certify that the foregoing is a true, correct and complete copy of the original Power of Attorney; that said Power of Attorney has not been revoked or rescinded and is in full force and effect as of this date.

IN WITNESS WHEREOF, I have set my hand and affixed the Seal of the Company, this 30th day of January, 2025.

Andrew H. Knudsen
Andrew H. Knudsen, Executive Vice President,
Chief Operating Officer and Secretary

ALL CORRESPONDENCE RELATED TO BOND VALIDATION AND/OR A CLAIM SHOULD BE DIRECTED TO
VP SURETY, 701 U.S. ROUTE ONE, SUITE 1, YARMOUTH, ME 04096

BIDDER'S GENERAL INFORMATION

The bidder shall furnish the following information. Additional sheets shall be attached as required. Failure to complete Item Nos. 1, 3, and 8 will cause the bid to be non-responsive and may cause its rejection. In any event, no award will be made until all of the Bidder's General Information (i.e., items 1 through 9 inclusive) is delivered to the City.

- (1) Contractor's name and address: Heavy Civil Inc.
8230 210th St S, Suite 215
Boca Raton, FL 33433
- (2) Contractor's telephone number: 954-597-6443
- (3) Contractor's primary license classification: General Contractor
State License Number: CGC1528801
Supplemental classifications held, if any: N/A
Name of Licensee, if different from (1) above: _____

- (4) Name of person who inspected site of proposed Work for your firm:
Name: Todd Kneisel Date of Inspection: 1-24-25
- (5) Name, address, and telephone number of surety company and agent who will provide the required bonds on this contract: Alter Surety Group
Russ Stamper 954-817-0376
5979 NW 151st Street, Suite 202, Miami Lakes, FL 33014
- (6) Attach to this bid, the experience resume of the person who will be designated Supervisor for this project. See attached resume - Anthony Espoisto
- (7) Attach to this bid, a financial statement (if required), references, and other information, sufficiently comprehensive to permit an appraisal of Contractor's current financial condition.
See attached
- (8) List 3 projects completed recently involving work of similar type and complexity:
See attached List

Tony Esposito

**Experienced Drainage& Roadway
Superintendent**

Port Saint Lucie, FL
haetrx@yahoo.com

Work Experience

Project Superintendent Heavy Civil Inc- Pompano Beach, Fl

December 2018- Current

**Managing various types of work
including Drainage, Asphalt and
Concrete. Working for FDOT,
Cities & Counties.... Supervised
projects from \$ 350,000.00 - \$
1,200,000.00 with
subcontractors and 15 direct
reports**

Asphalt Foreman

Lynch paving - Okeechobee, FL
June 2018 to Dec 2018

Still a sister company to Lawrence lynch corp. just relocated

Asphalt & Drainage Foreman

Lawrence lynch corp - Falmouth,
MA August 2014 to June 2018

Very experienced in all utility and asphalt work. Including Drainage, Concrete, and asphalt paving.
Managed a versatile crew that self-performed all the above types of work.

Heavy Equipment Operator

Rudy v Pompeo inc - Weymouth, MA
May 2001 to August 2014

Education

High school or equivalent

Hanover high school - Hanover, MA
September 1997 to June 2000

Skills

- Operator for various equipment
- MOT Certified
- Laser and Survey Proficient
- Time Management
- HCSS Heavy Job

Project Name	Contract Amount	Name, Address, Phone Number of Owner	Completion Date of Project
E4W61	1,143,139	FDOT 7300 Forest Hill Blvd. West Palm Beach, FL Michael Miller-954-815-2151	2025
Bulldog/Apollo	675,075	City of Melbourne 900 E. Strawbridge Ave Melbourne, FL 32901 Tami Gilten-321-288-2832	2024
SE Mango	367,287	City of Stuart 121 SW Flagler Ave Stuart, FL 34994 Marco Rogdino-772-418-4485	2024

(9) Subcontractors: The bidder further proposes that as part of their submittal, attached is a list of subcontracting firms or businesses that will be awarded subcontracts for portions of the work in the event the bidder is awarded the Contract:

Atlas Surveying & Mapping - Survey
Trinity Striping Inc. - Striping

COMPANY NAME: Heavy Civil Inc.
CONTACT PERSON: Tiffany Kester

REFERENCE SHEET

In order to receive Bid Award consideration on the proposed bid, it is mandatory that the following "Information Sheet" must be completed and returned with your bid. This information may be used in determining the Bid Award for this contract.

BIDDER (COMPANY NAME): Heavy Civil Inc.
ADDRESS: 8230 210th St S, Suite 215 TELEPHONE NO: 954-597-6443
Boca Raton, FL 33433
CONTACT PERSON: Tiffany Kester TITLE: Office Manager
NUMBER OF YEARS IN BUSINESS: 9+ yrs.
ADDRESS OF NEAREST FACILITY: 8230 210th St S
Boca Raton, FL 33433

LIST THREE (3) COMPANIES OR GOVERNMENTAL AGENCIES WHERE THESE PRODUCTS AND SERVICES HAVE BEEN PROVIDED IN THE LAST YEAR. See attached list

1. Company Name: Village of Palm Springs
Address: 226 Cypress Lane, Palm Springs, FL
Contact Person: Felipe Lofaso Title: PM
Phone: 561-352-5631
2. Company Name: Village of Wellington
Address: 12300 Forest Hill Blvd., Wellington, FL
Contact Person: Kyle Burg Title: PM
Phone: 561-753-2419
3. Company Name: General Asphalt
Address: 4850 NW 72ND Avenue, Miami, FL
Contact Person: Daniel Sanchez Title: PM
Phone: 786-594-1639



8230 210th St S, Suite 215, Boca Raton, FL 33433
PH: 954-597-6443/Cell: 786-972-4874/ tiffany@heavycivilinc.com

Job References

Village of Palm Springs 226 Cypress Lane Palm Springs, FL 33461	Felipe Lofaso flofaso@vpsfl.com	561-352-5631	Greenbrier Drive
Village of Wellington 12300 Forest Hill Blvd. Wellington, FL 33414	Kyle Burg kburg@wellingtonfl.gov	561-753-2419	Wellington Trace
General Asphalt 4850 NW 72 nd Avenue Miami, FL	Daniel Sanchez danieleestimate@generalasphalt.com	786-594-1639	T4618/E4W61
Palm Beach County 2300 N Jog Road West Palm Beach, FL	Zachary King zking@pbc.gov	561-684-4181	A1A
City of Deerfield Beach 650 SW 3 rd Avenue	Patricia Desir pdesir@deerfield-beach.com	954-928-5237	Pioneer Grove

Deerfield Beach, FL

Martin County Board of
County Commissioners
2401 SE Monterey Road
Stuart, FL 34996

Jessica Ballash-PM
jballash@martin.fl.us

772-463-2809

Sailfish Sands

City of Fort Pierce
100 North US 1
Fort Pierce, FL

Selena Griffett-PM
sgriffett@cityoffortpierce.com

772-519-1081

Avenue B

Weekley Asphalt Paving, Inc.
20701 Stirling Road
Pembroke Pines, FL 33332

Lynne Holden
lynne@weekleyasp.com

954-680-8005

Comprehensive Street

FDOT District 4
7300 Forest Hill Blvd.
West Palm Beach, FL

Michael Miller-Senior Engineer
Michael.Miller2@dot.state.fl.us

954-815-2151

T4623

Conzor
10625 North Military Trail, Ste 207
Palm Beach Garden, FL

Chrishana Persand-Inspector
cpersaud@consoreng.com

561-376-5601

T4623

Craven Thompson & Associates
4723 Atlantic Avenue
Ste A12
Delray Beach, FL 33445

Leonard Zach-PM
zgamble@craventhompson.com

561-762-6426

Bowman Street

City of Melbourne
900 E. Strawbridge Avenue

Tami Gillen
Tami.Gillen@mlbfl.org

321-288-2832

Apollo

Melbourne, FL 32901				
City of Stuart 121 SW Flagler Avenue Stuart, FL34994	Marc Rogolino-Engineer mrogolino@ci.stuart.fl.us	772-418-4485	Zone 4	
Conсор- 10625 North Military Trail, Ste 207, Palm Beach Garden FL	Colton Griffin-Engineer cgriffin@consoreng.com	772-529-0788	Curtis Street	
Captec- 301 NW Flagler Avenue Stuart, FL	Gary Jones-Engineer gjones@gocaptec.com	772-692-4344	Old Palm City	
Palm Beach Co. 2300 N. Jog Road West Palm Beach, FL	Zackary King-PM ZKing@pbcgov.org	561-684-4178	Hood Road	
AEngineering 219 N. Newnan Street Jacksonville, FL	Ricardo Baraybar-PM RBaraybar@aeengineeringinc.com	813-235-3056	NE 26 th Street	
Florida Department of Transportation 555 Camp Road Cocoa, FL	Richard Nasrawy-PM Richard.Nasrawy@dot.state.fl.us	321-634-6020	T5673	
Florida Department of Transportation	Susan Hindman-PM	863-273-1680	E1S63	

4722 Kenilworth Road
Sebring, FL

Susan.Hindman@dot.state.fl.us

Florida Department of Transportation
3400 West Commercial Blvd.
Fort Lauderdale, FL

Mark Freeman-PM 772-828-1338
Mark.Freeman@dot.state.fl.us

E4T43

City of Deerfield Beach
650 SW 3rd Avenue
Deerfield Beach, FL

Priscilla Cygielnik-PM 954-480-4464
PCygielnik@deerfield-beach.com

CDBG

NON-COLLUSIVE AFFIDAVIT FOR NO. 2025-002

State of Florida) County of Palm Beach

Todd Kneisel being first duly sworn, deposes and says
that:

He/she is the President (Owner, Partner, Officer,
Representative or Agent) of Heavy Civil Inc., the Offeror that has
submitted the attached Proposal;

He/she is fully informed regarding the preparation and contents of the attached Proposal and
of all pertinent circumstances regarding such Proposal;

Such Proposal is genuine and is not a collusive or sham Proposal;

Neither the said Offeror nor any of its officers, partners, owners, agents, representatives,
employees or parties in interest, including this affiant, have in any way colluded, conspired,
connived or agreed, directly or indirectly, with any other Offeror, firm, or person to submit a
collusive or sham Proposal in connection with the Work for which the attached Proposal has
been submitted; or to refrain from bidding in connection with such Work; or have in any
manner, directly or indirectly, sought by agreement or collusion, or communication, or
conference with any Offeror, firm, or person to fix the price or prices in the attached Proposal
or of any other Offeror, or to fix any overhead, profit, or cost elements of the Proposal price or the
Proposal price of any other Offeror, or to secure through any collusion, conspiracy, connivance,
or unlawful agreement any advantage against (Recipient), or any person interested in the
proposed Work;

The price or prices quoted in the attached Proposal are fair and proper and are not tainted by
any collusion, conspiracy, connivance, or unlawful agreement on the part of the Offeror or any
other of its agents, representatives, owners, employees or parties in interest, including this
affiant.

Signed, sealed, and delivered in the presence of:

Witness

Witness

By

Printed Name

Title

ACKNOWLEDGMENT
NON-COLLUSIVE AFFIDAVIT FOR NO. 2025-002

State of Florida
County of Palm Beach

On this the 6th day of February, 2025, before me by means of ☒ physical presence or _____
online notarization, the undersigned Notary Public of the State of Florida, personally appeared

Todd Kneisel

(Name(s) of individual(s) who appeared before notary)

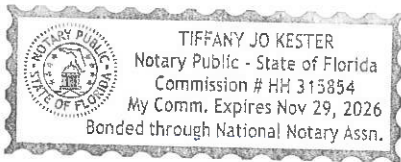
whose name(s) is/are Subscribed to within the instrument, and he/she/they acknowledge that
he/she/they executed it.

WITNESS my hand and
official seal.

Tiffany Kester

NOTARY PUBLIC SEAL OF OFFICE:

NOTARY PUBLIC, STATE OF FLORIDA



Tiffany Kester

(Name of Notary Public: Print, Stamp, or Type as
Commissioned)

- ☒ Personally known to me, or
☐ Produced identification:

(Type of Identification Produced)

- ☒ DID take an oath, or ☐ DID NOT take an oath

DRUG-FREE WORKPLACE PROGRAM FORM

In accordance with Section 287.087, State of Florida Statutes, preference shall be given to businesses with Drug-free Workplace Programs. Whenever two or more bids which are equal with respect to price, quality, and service are received for the procurement of commodities or contractual service, a bid received from a business that certifies that it has implemented a Drug-free Workplace Program shall be given preference in the award process. In the event that none of the tied vendors have a Drug-free Workplace program in effect, the City reserves the right to make final Decisions in the City's best interest. In order to have a Drug-free Workplace Program, a business shall:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893, Florida Statutes, or of any controlled substance law of the United States of any State, for a violation occurring in the workplace no later than five (5) business days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by any employee who is convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation.

If bidder's company has a Drug-free Workplace Program, so certify below:

AS THE PERSON AUTHORIZED TO SIGN THE STATEMENT, I CERTIFY THAT THIS FIRM COMPLIES FULLY WITH THE ABOVE REQUIREMENTS.

SIGNATURE OF BIDDER: _____

DATE: February 6, 2025

COMPLIANCE WITH OCCUPATIONAL SAFETY AND HEALTH ACT (O.S.H.A.)

Bidder certifies that all material, equipment, etc. contained in this bid meet all O.S.H.A. requirements. Bidder further certifies that if he/she is the successful bidder, and the material, equipment, etc., delivered is subsequently found to be deficient in any O.S.H.A. requirement in effect on date of delivery, all costs necessary to bring the material, equipment, etc. into compliance with the aforementioned requirements shall be borne by the bidder.

OCCUPATIONAL HEALTH AND SAFETY DATA SHEET REQUIRED:

In compliance with Chapter 442, Florida Statutes, any item delivered from a contract resulting from this bid must be accompanied by a SAFETY DATA SHEET (SDS). The SDS must include the following information:

- A. The chemical name and the common name of the toxic substance.
- B. The hazards or other risks in the use of the toxic substances, including:
 - 1. The potential for fire, explosion, corrosivity and reactivity;
 - 2. The known acute and chronic health effects of risks from exposure, including the medical conditions which are generally recognized as being aggravated by exposure to the toxic substance; and
 - 3. The primary routes of entry and symptoms of overexposure.
- C. The proper precautions, handling practices, necessary personal protective equipment, and other safety precautions in the use of or exposure to the toxic substances, including appropriate emergency treatment in case of overexposure.
- D. The emergency procedure for spills, fire, disposal, and first aid.
- E. A description in lay terms of the known specific potential health risks posed by the toxic substances intended to alert any person reading this information.
- F. The year and month, if available, that the information was compiled and the name, address and emergency telephone number of the manufacturer responsible for preparing the information.

SIGNATURE: _____

DATE: February 6, 2025

SCRUTINIZED COMPANIES CERTIFICATION

I hereby swear or affirm that as of the date below this company is not listed on a Scrutinized Companies list created pursuant to 215.4725, 215.473, or 287.135, Florida Statutes. Pursuant to 287.135, Florida Statutes I further affirm that:

1. This company is not participating in a boycott of Israel such that it is not refusing to deal, terminating business activities, or taking other actions to limit commercial relations with Israel, or persons or entities doing business in Israel or in Israeli-controlled territories, in a discriminatory manner.
2. This Company does not appear on the Scrutinized Companies with Activities in Sudan List where the State Board of Administration has established the following criteria:
 - a. Have a material business relationship with the government of Sudan or a government created project involving oil related, mineral extraction, or power generation activities, or
 - b. Have a material business relationship involving the supply of military equipment, or
 - c. Impart minimal benefit to disadvantaged citizens that are typically located in the geographic periphery of Sudan, or
 - d. Have been complicit in the genocidal campaign in Darfur.
3. This Company does not appear on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List where the State Board of Administration has established the following criteria:
 - a. Have a material business relationship with the government of Iran or a government-created project involving oil related or mineral extraction activities, or
 - b. Have made material investments with the effect of significantly enhancing Iran's petroleum sector.
4. This Company is not engaged in business operations in Cuba or Syria.

VENDOR/COMPANY NAME: Heavy Civil Inc.
SIGNATURE: [Signature]
PRINTED NAME: Todd Kneisel
TITLE: President DATE: February 6, 2025

The scrutinized company list is maintained by the State Board of Administration and available at <http://www.sbafla.com/>

**CITY OF MARGATE
E-VERIFY FORM**

Project Name:	NW 27th Street Drainage Improvement
Project No.:	2025-002

ACKNOWLEDGEMENT

Definitions:

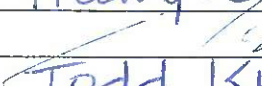
"Contractor" means a person or entity that has entered or is attempting to enter into a contract with a public employer to provide labor, supplies, or services to such employer in exchange for salary, wages, or other remuneration.

"Subcontractor" means a person or entity that provides labor, supplies, or services to or for a contractor or another subcontractor in exchange for salary, wages, or other remuneration.

Effective January 1, 2021, public and private employers, contractors and subcontractors will begin required registration with, and use of the E-verify system in order to verify the work authorization status of all newly hired employees. Vendor/Consultant/Contractor acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of:

- a) All persons employed by Vendor/Consultant/Contractor to perform employment duties within Florida during the term of the contract; and
- b) All persons (including subvendors/subconsultants/subcontractors) assigned by Vendor/Consultant/Contractor to perform work pursuant to the contract with the Department. The Vendor/Consultant/Contractor acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the contract is a condition of the contract with the City of Margate; and
- c) Should vendor become successful Contractor awarded for the above-named project, by entering into this Contract, the Contractor becomes obligated to comply with the provisions of Section 448.095, Fla. Stat., "Employment Eligibility," as amended from time to time. This includes but is not limited to utilization of the E-Verify System to verify the work authorization status of all newly hired employees, and requiring all subcontractors to provide an affidavit attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. The contractor shall maintain a copy of such affidavit for the duration of the contract. Failure to comply will lead to termination of this Contract, or if a subcontractor knowingly violates the statute, the subcontract must be terminated immediately. Any challenge to termination under this provision must be filed in the Circuit Court no later than 20 calendar days after the date of termination. If this contract is terminated for a violation of the statute by the Contractor, the Contractor may not be awarded a public contract for a period of 1 year after the date of termination and shall be liable for any additional costs incurred by the City as a result of the termination.

COMPANY CONTACT INFORMATION

Company Name:	Heavy Civil Inc.
Authorized Signature:	
Print Name:	Todd Kneisel
Title	President
Date:	February 6, 2025
Phone:	954-597-6443
Email:	tiffany@heavycivilinc.com
Website:	www.heavycivilinc.com

Company ID Number: 1375936

Approved by:

Employer Heavy Civil Inc.	
Name (Please Type or Print) Tiffany J Kester	Title
Signature Electronically Signed	Date 02/04/2019
Department of Homeland Security – Verification Division	
Name (Please Type or Print) USCIS Verification Division	Title
Signature Electronically Signed	Date 02/06/2019

Company ID Number: 1375936

Information Required for the E-Verify Program	
Information relating to your Company:	
Company Name	Heavy Civil Inc.
Company Facility Address	150 E. Sample Road Ste 310 Pompano Beach, FL 33064
Company Alternate Address	
County or Parish	BROWARD
Employer Identification Number	465439171
North American Industry Classification Systems Code	237
Parent Company	
Number of Employees	10 to 19
Number of Sites Verified for	1

Company ID Number: 1375936

Are you verifying for more than 1 site? If yes, please provide the number of sites verified for in each State:

FLORIDA

1 site(s)

Company ID Number: 1375936

Information relating to the Program Administrator(s) for your Company on policy questions or operational problems:

Name Tiffany J Kester
Phone Number (954) 597 - 6443
Fax Number
Email Address tiffany@heavycivilinc.com

Page intentionally left blank

Affidavit Attesting to Noncoercive Conduct for Labor or Services

Nongovernment Entity name: Heavy Civil Inc. ("Vendor")
Vendor FEIN: 46-5439171
Address: 8230 210th St S, Suite 215
City: Boca Raton State: FL Zip: 33433
Phone number: 954-597-6443 Email Address: tiffany@heavycivilinc.com

As a nongovernmental entity executing, renewing, or extending a contract with a government entity, **Vendor** is required to provide an affidavit under penalty of perjury attesting that **Vendor** does not use coercion for labor or services in accordance with Section 787.06, Florida Statutes.

As defined in Section 787.06(2)(a), coercion means:

1. Using or threatening to use physical force against any person;
2. Restraining, isolating, or confining or threatening to restrain, isolate, or confine any person without lawful authority and against her or his will;
3. Using lending or other credit methods to establish a debt by any person when labor or services are pledged as a security for the debt, if the value of the labor or services as reasonably assessed is not applied toward the liquidation of the debt, the length and nature of the labor or service are not respectively limited and defined;
4. Destroying, concealing, removing, confiscating, withholding, or possessing any actual or purported passport, visa, or other immigration document, or any other actual or purported government identification document, of any person;
5. Causing or threatening to cause financial harm to any person;
6. Enticing or luring any person by fraud or deceit; or
7. Providing a controlled substance as outlined in Schedule I or Schedule II of Section 893.03 to any person for the purpose of exploitation of that person.

As a person authorized to sign on behalf of **Vendor**, I certify that **Vendor** does not use coercion for labor or services in accordance with Section 787.06.

Written Declaration

Under penalties of perjury, I declare that I have read the foregoing Affidavit and that the facts stated in it are true.

By: [Signature] Authorized Signature

Print Name and Title: Todd Kneisel - President

Date: February 6, 2025

**AFFIDAVIT REGARDING PROHIBITION ON CONTRACTING WITH
ENTITIES OF FOREIGN COUNTRIES OF CONCERN**

Pursuant to Section 287.138, Florida Statutes (which is expressly incorporated herein by reference), the City may not knowingly enter into a contract with an entity which would give access to an individual's personal identifying information if (a) the entity is owned by the government of a foreign country of concern; (b) the government of a foreign country of concern has a controlling interest in the entity; or (c) the entity is organized under the laws of or has its principal place of business in a foreign country of concern.

This affidavit must be completed by an officer or representative of an entity submitting a bid, proposal, or reply to, or entering into, renewing, or extending, a contract with the City which would grant the entity access to an individual's personal identifying information.

1. Heavy Civil Inc. ("entity") does not meet any of the criteria in paragraphs (2)(a)-(c) of Section 287.138, F.S.

In the presence of:

Tiffany Kester
Witness #1 Print Name: Tiffany Kester
Witness #2 Print Name: _____

Under penalties of perjury, I declare that I have read the foregoing and the facts stated in it are true:

Todd Kneisel
Print Name: Todd Kneisel
Title: President
Entity Name: Heavy Civil Inc.

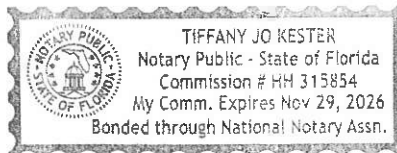
OATH OR AFFIRMATION

State of Florida
County of Palm Beach

Sworn to (or affirmed) and subscribed before me by means of ☒ physical presence or ☐ online notarization, this 10th day of February, 2025, by Todd Kneisel (name of person) as President (type of authority) for Heavy Civil Inc. (name of party on behalf of whom instrument is executed).

Tiffany Kester
Notary Public (Print, Stamp, or Type as Commissioned)

- ☒ Personally known to me; or
____ Produced identification (Type of Identification: _____)
____ Did take an oath; or
____ Did not take an oath





HEAVCIV-01

CBOYER3

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

1/22/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Hub International Midwest East
5600 New King Dr, Suite 210
Troy, MI 48098

CONTACT NAME: Cassie Boyer**PHONE (A/C, No, Ext):** (248) 602-4286**FAX (A/C, No):** (248) 528-2414**E-MAIL ADDRESS:** cassie.boyer@hubinternational.com**INSURER(S) AFFORDING COVERAGE****NAIC #****INSURER A:** Admiral Insurance Company

24856

INSURER B: Ohio Security Insurance Company

24082

INSURER C: Starstone National Insurance Company

25496

INSURER D:**INSURER E:****INSURER F:**

INSURED
Heavy Civil, Inc.
8230 210th Street S
Boca Raton, FL 33433

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY						
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR			CA00005364201	6/27/2024	6/27/2025	EACH OCCURRENCE \$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000
							MED EXP (Any one person) \$ 5,000
							PERSONAL & ADV INJURY \$ 1,000,000
							GENERAL AGGREGATE \$ 2,000,000
							PRODUCTS - COMP/OP AGG \$ 2,000,000
B	<input type="checkbox"/> AUTOMOBILE LIABILITY						
	<input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS			BKS58347963	3/26/2024	3/26/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY						BODILY INJURY (Per person) \$
							BODILY INJURY (Per accident) \$
							PROPERTY DAMAGE (Per accident) \$
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR						
	<input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE			USO58347963	3/26/2024	3/26/2025	EACH OCCURRENCE \$ 1,000,000
	<input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 0						AGGREGATE \$ 1,000,000
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	N/A				PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/>
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. EACH ACCIDENT \$
							E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$
B	Equipment Floater			BKS58347963	3/26/2024	3/26/2025	Leased Rented Equip 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Job Name: NW 27th Street Drainage Improvements

Job Number: 2025-002

Job Address: 9NW 27th Street, Margate, FL

CERTIFICATE HOLDER

CANCELLATION

City of Margate
Purchasing Division
City Hall
5790 Margate Boulevard
Margate, FL 33063

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



CERTIFICATE OF LIABILITY INSURANCE

Acct#: 3058928

DATE (MM/DD/YYYY)
01/22/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER AON RISK SERVICES SOUTH, INC 3550 LENOX ROAD NORTHEAST, SUITE 1700 ATLANTA, GA 30326	CONTACT NAME: PHONE (A/C, No, Ext): 844-398-0470 E-MAIL ADDRESS: CERTS@PEOPLEASE.COM		FAX (A/C, No):
	INSURER(S) AFFORDING COVERAGE		NAIC #
INSURED Heavy Civil Inc 8230 210th St S Suite 215 Boca Raton, FL 33433	INSURER A : Indemnity Insurance Co. of North America		43575
	INSURER B :		
	INSURER C :		
	INSURER D :		
	INSURER E :		
INSURER F :			

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS- <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO- <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/>	N/A	C72818763	12/31/2024	01/01/2026	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Job Name: NW 27th Street Drainage Improvements
Job Number: 2025-002
Job Address: 9NW 27th Street, Margate, FL

CERTIFICATE HOLDER

CANCELLATION

City of Margate Purchasing Division City Hall 5790 Margate Blvd. Margate, FL 33063	3058928	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
		AUTHORIZED REPRESENTATIVE

© 1988-2016 ACORD CORPORATION. All rights reserved.



Ron DeSantis, Governor

Melanie S. Griffin, Secretary



**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**

CONSTRUCTION INDUSTRY LICENSING BOARD

THE GENERAL CONTRACTOR HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

STEIER, THOMAS R SR

HEAVY CIVIL INC.
8230 210TH STREET
SUITE 215
BOCA RATON FL 33433

LICENSE NUMBER: CGC1528801

EXPIRATION DATE: AUGUST 31, 2026

Always verify licenses online at MyFloridaLicense.com



ISSUED: 07/17/2024

Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.



ANNE M. GANNON
CONSTITUTIONAL TAX COLLECTOR
Serving Palm Beach County
Serving you.

P.O. Box 3353, West Palm Beach, FL 33402-3353
www.pbctax.com Tel: (561) 355-2264

****LOCATED AT****
8230 210TH ST S STE 215
BOCA RATON, FL 33433

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT #/DATE PAID	AMT PAID	BILL #
GENERAL CONTRACTOR	STEIER THOMAS R Sr	CGC1528801	525.2831 09/30/2024	\$27.50	840183684

This document is valid only when receipted by the Tax Collector's Office.

7-4
1021



HEAVY CIVIL INC
HEAVY CIVIL INC
8230 210TH ST S STE 2
BOCA RATON FL 33433-1609



STATE OF FLORIDA
PALM BEACH COUNTY
2024 / 2025 LOCAL BUSINESS TAX RECEIPT
LBTR Number: 2023156815
EXPIRES: 09/30/2025

This receipt MUST be conspicuously displayed at the place of business and in such a manner as to be open to the view of the public.



License Number: BTR-007438



License Details () | Tab Elements () | Main Menu ()

License Details

License Type:

Contractor Registration (Business Location Outside City of Boca Raton)

District:

Boca Raton

Applied Date:

06/25/2024

Account Number:

Issued By:

Administrator, System

Period Start Date:

06/26/2024

Status:

Active

Expiration Date:

11/30/2024

Description:

General Contractor

**Palm Beach County
Office of Equal Business Opportunity**

Certifies That

Heavy Civil Inc.

Vendor # VS0000015307

*is a Small Business Enterprise (SBE) as prescribed by section 2-80.21 - 2.80.30 of
the Palm Beach County Code for a three year period from
November 08, 2024 to November 07, 2027*

The following services and/or products are covered under this certification:

**Concrete; Construction, Sidewalk and Driveway, Including Pedestrian and Handicap Ramps;
Construction, Street, Major and Residential, Including Reconstruction; Paving and Resurfacing,
Streets, Major and Residential**


Allen Gray, Manager
11/08/2024



Palm Beach County Board of County Commissioners

Maria Sachs, Mayor
Maria G. Marino, Vice Mayor
Gregg K. Weiss
Michael A. Barnett
Marci Woodward
Sara Baxter
Mack Bernard

County Administrator
Verdenia C. Baker



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

December 21, 2022

REGISTERED VENDOR NO.: 1000000654

Mr. Todd Kneisel, President
Heavy Civil, Inc.
150 E Sample Rd, Suite 310
Pompano Beach, FL 33064

CERTIFICATION EFFECTIVE DATE:
December 20, 2022

CERTIFICATION EXPIRATION DATE:
December 20, 2025

Dear Mr. Kneisel:

Congratulations, the South Florida Water Management District (District) has certified your firm as a Small Business Enterprise (SBE). This certification is valid for three (3) years and may only be applied when business is conducted in the following area(s):

Asphalt Paving, Concrete Sidewalks, Curbs & Gutters; Storm and Sanitary Sewers, Water Mains, Grading and Earth Excavation

Your submittal of bids or proposals to supply other products or services outside of the specialty area(s) noted above will not count toward SBE participation. If you require certification in other specialty areas, please contact the Procurement Bureau, SBE Section, for additional information.

Renewal is required every three (3) years and should be requested a minimum of 45 days prior to the above expiration date.

If any changes occur within your company during the certification period such as ownership, affiliate company status, address, telephone number, licensing status, gross revenue, or any information that relates to your SBE Certification status, you must notify this office in writing immediately. It is imperative that we maintain current information on your company at all times.

Certification is not a guarantee that your firm will receive work, nor an assurance that your firm will remain in the District's vendor database.

We look forward to a mutually beneficial working relationship.

Sincerely,

A handwritten signature in blue ink, appearing to read "J. Dollar", is written over a horizontal line.

Jennifer Dollar
SBE Program Specialist
Procurement Bureau

JD



8230 210th St S, Suite 215, Boca Raton, FL 33433

PH: 954-597-6443/Cell: 786-972-4874/ tiffany@heavycivilinc.com

Current Projects

A1A from Indiantown to Approx. 650' North Drainage Improvements

Palm Beach, FL

The project consists of Clearing & Grubbing, Excavation, Milling, Asphalt Concrete, Inlets Ditch Bottom, Manholes, Modify Existing Drainage Structure, 18" Pipe Culvert, French Drains, Concrete Curb & Gutter Type F, Concrete Flume, Sod

Contract Amount \$345,122.50

Zachary King 561-684-4181

Pioneer Grove (LAC) Drainage Improvements

Deerfield Beach, FL

The project consists of Clearing & Grubbing, Erosion & Sediment Control, Asphalt and Concrete Removal, Earthwork, Limerock Base, Subgrade, Asphalt SP 9.5/SP12.5, Asphalt Mill & Resurface, Curbing, Concrete 4" Thick, Sod, Restoration, Storm Sewer, Type C/D Inlet, Type J Inlet, 24" Concrete End wall, 36" End wall, Structure, 36" Pipe, 24" Pipe, 18" Pipe, Exfiltration Trench, Pavement Marking and Signage

Contract Amount \$1,055,540.38

Priscilla Cygielnik 954-895-0887

Patricia Desir 954-928-5237

T4679

Broward County, FL

The project consists of Clearing & Grubbing, Selective Clearing & Grubbing, Removal of Existing Concrete, Tree Protection, Excavation, Subsoil Excavation, Embankment, Type B Stabilization, Optional Base Group 01, Concrete Gravity Wall, Inlets, Flume, Concrete Curb & Gutter Type F, Concrete Curb Type D, Concrete Traffic Separator, Concrete Sidewalks and Driveways 4" and 6", Concrete Ditch Pavement 4" Reinforced, Detectable Warnings

Contract Amount \$453,058.83

Erick Rojo 305-494-3249

Greenbrier

Plam Springs, FL

The project consists of Stormwater, Paving Concrete, Landscaping, Irrigation and Signage with Striping at the intersection, Type F Curb, Type B Curb, 15" RCP Pipe, 18" RCP Pipe, Catch Basin, Removal of Trees

Contract Amount \$636,276.74

Felipe Lofaso 561-352-5631

CDBG Sidewalk Improvements

Deerfield Beach, FL

The project consists of MOT, Excavation, Concrete Sidewalk 4" Thick, Concrete Sidewalk 6" Thick, and Detectable Warnings

Contract Amount \$683,368.50

Paul Collette 954-480-4418

Slip No. 1

Port of Palm Beach, FL

The project consists of Site Dewatering, Excavation, Trucking, and Hauling, Concrete Box Culvert Replacement, Box Culvert connecting to existing box and manhole, Compacted, Asphalt Pavement, and Pavement Markings.

Contract Amount \$230,154.00

Phillip Ford 561-383-4183

T4665

Sample Road, FL

The project consists of Removal of Existing Concrete, Type B Stabilization, Base Group, Superpave Asphaltic Concrete, Inlets, Manholes, Type F Curb & Gutter, Concrete Traffic Separator, 4" Concrete Sidewalk, 6" Concrete Sidewalk, Detectable Warnings.

Contract Amount \$821,535.52

Jorge Urguiaga 786-614-1342



8230 210th St S, Suite 215, Boca Raton, FL 33433

PH: 954-597-6443/Cell: 786-972-4874/ tiffany@heavycivilinc.com

Completed Projects

E4W89

Hallandale, FL

The project consists of Removal of existing Concrete, Clearing & Grubbing, Regular Excavation, Type B Stabilization, Base Group, Manhole, Valve Boxes, Type E Curb & Gutter, Type F Curb & Gutter, Type D Curb, 4" Concrete Sidewalk, 6" Concrete Sidewalk, Detectable Warnings

Contract Amount \$236,318.04

Gustavo Perez 754-971-7320

E4W61

Lake Avenue, FL

The project consists of Removal of Existing Concrete, Inlet Curb Type P-5, Inlet Curb Type P-6, Inlet DT BOT Type C, Inlet Ditch Bottom, Pipe Culvert 15", Pipe Culvert 18", Trench Drain, Concrete Curb and Gutter Type F, Concrete Curb Type D, Concrete Sidewalk and Driveways 4" Thick, Concrete Sidewalk and Driveways 6" Thick

Contract Amount \$1,143,139.00

Daniel Sanchez 786-594-1639

Bulldog/Apollo Sidewalk Phase II Improvements

Melbourne, FL

The project consists of installation of a mid-block crosswalk on Bulldog Boulevard in front of Melbourne High School including ADA-compliant curb ramps, Type 'F' curb and gutter, 6-foot concrete sidewalks, sidewalk removal, stormwater pipe installation, inlet construction, coring the side of an existing drainage structure, milling and resurfacing, overbuild, an RRFB installation (solar powered), signage, striping and pavement markings and minor utility relocations.

Contract Amount \$675,075.65

Tami Gillen 321-288-2832

**Wellington Trace/Greenview Shores Blvd. Eastbound
Right Turn Lane**

Wellington, FL

The project consists of Erosion Control, Concrete Driveway, Concrete Sidewalk, Concrete Curb, Mill Asphalt, Convert existing Catch Basin, Concrete Type F Curb, Concrete Valley Gutter, Detectable Warnings, Embankment, Excavation, Sod, Concrete Ramp, Subgrade, Pavement Markings

Contract Amount \$231,943.89

Kyle Burg 561-753-2419

T4618

Lake Worth, FL

The project consists of Removal of Concrete, Optional Base Group 10, Concrete Curb and Gutter Type E, Concrete Curb and Gutter Type F, Concrete Sidewalk and Driveways 4" Thick, Concrete Sidewalks and Driveways 6" Thick, Bus Boarding Pad

Contact Amount \$136,066.35

Daniel Sanchez 786-594-1639

E4W40

Palm Beach Co.

The project consists of construction of Milling & Resurfacing, Curb and gutter, Curb Ramps, Pedestrian Signal Heads and Pedestals, Pedestrian Detectors, Signing and Pavement Markings and Utility Adjustments

Contract Amount \$1,223,473.14

Michael Miller 954-815-2151

Cypress Drive Drainage

Jupiter, FL

The project consists of 15" RCP Pipe, 24" RCP Pipe, Type C Ditch Bottom Inlet, 4' Type J Inlet with top slab, Storm Manhole with top slab tied into existing 42" HDPE Drainage line, repairing of parking lot Asphalt Trench, Roadway Asphalt Trench, Remove & Dispose of Type D Curb, Type F Curb & Valley Gutter, restore existing Asphalt, Asphalt Overlay, Mill & Resurface.

Contract Amount \$278,520.00

Steven Montemayor 561-741-2710

T4626-Weekley Asphalt

Wilton Manors, FL

The project consists of construction of Curb Inlet, DT BOT Type C Inlet, Gutter, Type V Inlet, Manholes, Manhole Adjustments, Valve Boxes, Pipe Culvert, Utility Adjustment, Fire Hydrant

Contract Amount \$630,931.00

Robert Brinkman 954-444-1040

Sailfish Sands Golf Course

Stuart, FL

The project consists of construction Asphalt Removal, Fence, Concrete Removal, Asphalt & Base, Subgrade, Superpave SP9.5 Asphalt, 18" HDPE

Bid Amount \$386,158.21

Jessica Ballash 772-463-2809

SE Mango Drainage Improvement

Stuart, FL

The project consists of Erosion Control, Vegetation Removal, Installation of a Nutrient Separating Generation 2 Baffle Box with Ancillary Concrete Drainage Structures & Piping, Placement of Rip-Rap, Asphalt Roadway Restoration

Bid Amount \$367,287.20

Marco Rogolino 772-418-4485

T4631-Weekley Asphalt

Pompano Beach, FL

The project consists of construction of Removal of Concrete, Excavation, Plain Cement Concrete Pavement, Curb & Gutter, Valley Gutter, Traffic Spector, 4" Sidewalks and Driveways, 6" Sidewalk and Driveways, Detectable Warnings

Bid Amount \$529,844.00

Lynne Holden 954-325-8582

Avenue B Reconstruction

Fort Pierce, FL

The project consists of construction Avenue B Roadway Improvements from 13th Street to 8th Street. The work consists of Sidewalks, Curb & Gutter, Drainage, and Upgrade Signing and Striping.

Bid Amount \$1,112,846.96

Selena Griffett 772-467-3780

Bell Avenue

St. Lucie Co., FL

The project consists of construction of Pipe Culvert 15" & 18", Mitered End Section, Type "F" Curb, 6" Concrete Sidewalk, 6" Concrete Driveway, Performance Turf Sod, Signs, Striping, Earthwork, Utility Fixture.

Bid Amount \$251,645.79

Pete DePasquale 772-200-8492

162nd Drive North Turn Lane

Loxahatchee, FL

The project consists of construction of 162nd Drive North Turn Lanes, Removal of Asphalt, Removal headwalls, Catch Basin, RCP Pipe, Elliptical RCP Pipe, Coquina Base, Asphalt New Pavement, Mill, Overlay, Pavement Markings, Sodding

Bid Amount \$487,196.00

Gary Jones 772-692-4344

Comprehensive Street**Coconut Creek, FL**

The project consists of construction of Swale Grading, Asphalt Roadway, Regrade, Concrete Sidewalk, Curb, Mill & Resurface, Root Barrier, Inlet Adjustment, Manhole, and Handrail

Bid Amount \$1,568,677.50**Final 4/2023****Robert Brinkman 954-444-1040****T4623-FDOT****Palm Beach, FL**

The project consists of construction Widening (Mis-Block Raised Islands, Speed Tables, Raised Median Approach), Milling & Resurfacing, Concrete Sidewalks, Concrete Driveways, Curb & Gutter, Pavers, Asphalt Sidewalk, Asphalt Driveway, Signing, Pavement Markings, Monitor Existing Structures, Irrigation Sleeves, and Utility Adjustments.

Bid Amount \$928,650.83**Final 5/2023****Michael Miller 954-815-2151****Gramling Park****Melbourne, FL**

The project consists of construction of 236 LF of Replacement 48" diameter Reinforced Concrete Piping (RCP), Concrete End wall, Jacketed connection to existing RCP Piping, Concrete Pavement Restoration and Fence Restoration.

Bid Amount \$334,228.05**Final 10/2022****Josh Frary 321-290-6093****Bowman Street Sidewalk Improvements****Greenacres, FL**

The project consists of construction of Sidewalks, Curbing, Drainage Structures, Drainage Pipe, Sod Placement, Establishment, Asphalt Paving, Pavement Markings, Signage.

Bid Amount \$ 120,091.00**Final 7/2022****Leonard Zach 561-762-6426****Harbour Point****Palm City, FL**

The project consists of Roadway Repairs, Milling, Routing, Crack Sealant, Asphalt, Valley Gutter, Root Barrier Removal & Placement, Sod, Pavement Markings.

Bid Amount \$335,038.25**Final 8/2022****Gary Jones 772-692-4344****St. Lucie Blvd.****Stuart, FL**

The project consists of Milling & Resurfacing, Widening, Traffic Control Measures, Pavement Markings/Striping, Drainage Improvements.

Bid Amount \$600,004.75

Final 9/2022

Gary Jones 772-692-4344

Curtis Street

City of Port St. Lucie

The project consists of construction of .53 miles of 6 foot wide Concrete Sidewalks, Earthwork, Clearing & Grubbing, Drainage Modifications, Swale Relocation, Driveway Culvert replacements, Replacement of Driveways, Utility Relocations.

Bid Amount \$ 353,594.05

Final 6/2022

Colton Griffin 772-529-0788

Hood Road Sidewalk

Palm Beach Co.

The project consists of 3,500+ linear feet of 8-foot wide Asphalt Sidewalk along the North Side of Hood Road from the East Side of Briar Lake Drive to West of the Florida Turnpike. The work includes Striping & a Channelized Right Turn Lane at the entrance of the newly developed Trevi Isles Community, just West of the Florida Turnpike

Bid Amount \$ 358,000 Final 3/2022

Zackary King 561-684-4178

Sandia Drive Drainage & Sidewalk

City of Port St. Lucie

Project consists of new Storm Drainage and associated Inlets and Manholes along with filling the existing swale And placing approximately 6000 LF of new 6' wide by 4" Sidewalk and 2000 SY of new 6" Concrete Driveways.

Bid Amount \$ 415,000.00

Final 2/2022

Gary Jones 772-692-4344

Zone 4

Stuart, FL

Project consists of Pavement Removal, Roadway Milling, Type SP 12.5 Asphaltic Concrete, Speed Tables, Type 1 Point Repair, Type 2 Point Repair and Striping

Bid Amount \$151,127.25

Final 1/2022

Marco Rogolino 772-418-4485

Old Palm City Neighborhood Restoration

Palm City, FL

The project consists of 7000 LF of RCP 40 EA. Drainage Structures Along with 3000 SY of 4" & 6" Concrete drives. Also Curb Ty F and various areas of pipe trench repair and asphalt overlay.

Bid Amount \$1,165,556.55

Final 11/2021

Gary Jones 772-692-4344



8230 210th St S, Suite 215, Boca Raton, FL 33433
Office: 954-597-6443/786-972-4874 Cell/954-200-1223 Cell
todd@heavycivilinc.com or tiffany@heavycivilinc.com
www.heavycivilinc.com

SAFETY PLAN

City of Margate

NW 27th Street Drainage Improvements

Project # 2025-002

February 2025

**HEAVY CIVIL INC
SAFETY POLICY
TABLE OF CONTENTS**

PURPOSE

POLICY

PREFACE

JOB-SITE SAFETY RULES

PROTECTIVE EQUIPMENT

JOB CONDUCT & MISC RULES

TOOLS, EQUIPMENT & MATERIAL

LOCK-OUT / TAG-OUT

POLICY AND PROCEDURES FOR HARASSMENT COMPLAINTS

HAZARDOUS COMMUNICATIONS PROGRAM

EMERGENCY RESPONSE PROGRAM

FIRE PREVENTION PLAN

FALL PROTECTION PLAN

LADDER SAFETY RULES

SCAFFOLDING USE RULES

TREACHING AND ESCAVATION

AIRPORT SAFETY

HEAVY CIVIL INC.

SAFETY POLICY

PURPOSE:

The employees of Heavy Civil Inc are considered valuable assets; their safety is of vital concern. Recognizing the need and responsibility of the safety of its employees, the Company considers accident prevention an important and integral part of efficient production and product quality.

POLICY:

Safety will be given the utmost importance in planning and operating of all Company activities in order to protect employees against occupational injuries and illnesses, and to protect the Company against unnecessary financial burden and reduced efficiency.

Each member of management is responsible for the safety, well-being, and safe work conduct of all employees under his or her supervision; to see that all employees abide by all safety regulations, as they are set forth in Federal (OSHA), State and Local standards, and good practice as dictated by location and circumstances.

To carry out this policy, the Company will:

1. Provide and maintain a safe working environment.
2. Furnish, within reason, the best available mechanical safeguards and personal protective equipment; wherein, in its judgment, they are needed.
3. Maintain an active and aggressive safety program, in which all members of management will participate to promote safety awareness among its employees.
4. Provide adequate medical and first-aid for work caused injuries and illnesses.
5. Maintain a continuous educational program for safe operating procedures.
6. Insist that all employees observe established safety regulations and practices and use the safety equipment provided. Employees who fail or refuse to use such equipment will be disciplined or discharged.
7. Require, by contractual provisions, that all subcontractors provide their employees with a safe place to work.
8. Implement and enforce a Drug Free Workplace Program.

HEAVY CIVIL INC

SAFETY PROGRAM

PREFACE

This Safety Program is provided for the use of the Plant Superintendent's and Project Foremen of Heavy Civil Inc, and is intended to function as a guide in an effort to ensure a safe working environment and safe work practices by all employees directly employed by Heavy Civil Inc.

Each subcontractor of heavy Civil is contractually obligated to comply with health and safety requirements of Heavy Civil, local, state and federal agencies, including the Williams Steiger Occupational & Safety Act. However, this program does contain information concerning hazards that may affect all jobsite personnel and can be used by the Project Superintendent to assist any subcontractor in carrying out its responsibilities concerning the safety of its employees. This program in no way implies that Heavy Civil, accepts responsibility for the safety of personnel employed by any subcontractor.

HEAVY CIVIL INC.

JOB SITE SAFETY RULES

Every employee should read and familiarize him/herself with all of the following safety rules. A copy should be kept by the employee whom he should frequently review. Violations of any of the following items will cause this employee to be disciplined which could result in suspension or discharge.

PROTECTIVE EQUIPMENT

1. **HARD HATS** will be worn where required and when overhead hazards exist.
2. **GOGGLES** or face shields are compulsory when using a broom and when the broom is used with the milling attachment, and when otherwise required by your foreman.
3. **RESPIRATORY EQUIPMENT, EARPLUGS, LIFE JACKETS and LIFELINES** shall be worn as required.
4. **GLOVES** are to be worn when handling material with sharp edges and as directed by your foreman.
5. **FINGER RINGS AND WRIST WATCHES** are a constant hazard, and all workers are encouraged to remove them while working.
6. **SHIRTS** with sleeves and full-length **TROUSERS** are to be worn by all personnel while on company time. No ties, loose or ragged clothing is permitted.
7. **SHOES** Leather Work Boots are to be worn on all job sites and around plant facilities.
8. **ASPHALT BURNS** are a constant hazard in paving work. Be sure asphalt does not get inside your boots or gloves. Use protective hand cream on your hands and wrists. Wash off any asphalt that gets on you as soon as possible. Report any burns, no matter how slight, to your foreman.
9. **Know** where the **FIRE EXTINGUISHERS, TELEPHONES AND FIRST AID KITS** are located and how to use them in emergencies.

JOB CONDUCT & MISC. SAFETY RULES

Any of the following may result in immediate discharge:

1. Willful violation of **OSHA** Regulations.
2. Intoxication – coming to job premises or trying to work while under the influence or in possession of intoxicating liquors or narcotics.
3. Fighting or provoking a fight.
4. Horseplay in any form – scuffling, pranks, wrestling, throwing materials at others, etc.

Learn the SAFE WAY to do your job before you start.

1. **REPORT ALL ACCIDENTS, INJURIES AND UNSAFE CONDITIONS** to your foreman.
2. **KEEP YOUR WORKPLACE CLEAN:** Good housekeeping promotes safe and efficient work. Do not allow trash, scrap or boards with protruding nails to lie in your work area. Keep walkways and paths of travel clear.
3. **RADIOS FOR PERSONAL USE** is not allowed. Distractions can cause accidents.
4. **Cell phones** shall not be used while operating any powered equipment
5. **Know** where the **FIRE EXTINGUISHERS, TELEPHONES AND FIRST AID KITS** are located and how to use them in emergencies

TOOLS, EQUIPMENT AND MATERIALS

1. Check all **VEHICLES** and **EQUIPMENT** before use to assure that they are in proper operating condition; make sure all back up alarms and beacon lights are working on all equipment report any malfunction.
2. **HAND TOOLS** such as shovels, rakes, and brooms should be inspected for faulty parts prior to the start of each job and should be inspected at weekly intervals throughout the term of the job.
3. **ALL ELECTRICAL EQUIPMENT** must be grounded. Three-pronged plugs and receptacles are required on extension and equipment cords.

4. Use **SAFETY GUARDS** provided. The **SOURCE OF POWER** must be disconnected whenever it is necessary to repair or adjust a piece of electrical equipment.
5. **GASOLINE** may be handled or stored only in **U. L. Approved safety cans**. All internal combustion engines must be shut off and cooled before fueling, oiling, cleaning or adjusting. Check oil when refueling. Do not use gas for cleaning parts and tools.
6. **RIDING** – No more than 3/6 men/women may ride in the cab of a pick-up truck/crew cab p/u truck at one time. **SEATBELTS** provided shall be worn. **RIDING** in the back of a pickup truck is not permitted or on running boards of larger trucks.
7. **MATERIAL OR EQUIPMENT** being transported by truck must be loaded, cinched and flagged in a manner consistent with good loading and transporting practice and the truck shall be driven only by authorized employees holding valid commercial driver's licenses of the proper class for the vehicle being driven.
8. **DO NOT ATTEMPT TO LIFT** objects that are too heavy for you to lift alone; ask for help.
9. **DO NOT** walk in the traffic lane with your back to traffic.
10. **Class III** reflective vests will be worn on all jobs on traveled streets and on **ANY** night or day work.
11. **Flaggers** or any worker, **MAY NOT**, at any time ride the step of a dump truck or service truck.
12. Be aware of equipment on the job site, listen for back up alarms.
13. **DO NOT** stand between the paver and the dump truck that is backing up to the paver.
14. **DO NOT** lean out of any skid loader, you may be struck by the bucket or by falling asphalt.
15. Shirts with sleeve and long pants are to be worn on all job sites.
16. Leather Work boots are to be worn on all job sites and around plant facilities.
17. If you drive a commercial vehicle, the driver **MUST** complete and sign **PRE-INSPECTION AND POST INSPECTION** every working day.
18. **DO NOT** back up any dump truck to a paver unless you make eyes contact with a Spotter.

LOCK OUT/TAG OUT

1. Do not enter any electrical room without your supervisor's permission.
2. Power tools are to be unplugged before servicing (i.e.- changing of saw blades)
3. When a power tool becomes damaged and unusable, it's to be sent off to be repaired immediately or tagged unusable and reported to your supervisor.
4. All employees must clearly understand that if a tool has a "**DO NOT USE**" or "**OUT of SERVICE**" tag, it means, **DO NOT USE or OUT of SERVICE**.

5. Cut or frayed cords on electrical tools **shall not** be repaired with tape. They should be taken out of service and the cord replaced.
6. When you see a lock or a tag on a piece of electrical equipment or air pressure, only the person who placed the lock or tag can remove it unless he/she gives permission.

HEAVY CIVIL INC

POLICY AND PROCEDURES FOR HARASSMENT COMPLAINTS

The company is committed to maintaining a work environment that is free of discrimination. In keeping with this commitment, we will not tolerate harassment of anyone. This means we will not tolerate harassment of our employees by any supervisor, co-worker, subcontractor, vendor, or clients.

Harassment consists of unwelcome conduct, whether verbal, physical, or visual. Harassment will not be allowed on a person's protected status, such as sex, color, race, religion, national origin, age or disability. The company will not tolerate harassing conduct that affects tangible job benefits, that interferes unreasonably with an individual's work performance, or that creates an intimidating, hostile, or abusive working environment.

Sexual harassment deserves special mention.

Unwelcome sexual advances, requests for sexual favors, and other physical, verbal or visual conduct based on sex constitute sexual harassment when (1) submission to the conduct is an explicit or implicit term or condition of employment, (2) submission to or rejection of the conduct is used as the basis for an employment decision, or (3) the conduct has the purpose or effect of unreasonably interfering with an individual's work performance or creating an intimidating, hostile, or abusive work environment. Sexual harassment may include explicit sexual propositions, sexual innuendoes, suggestive comments, sexually oriented kidding, teasing, practical jokes, jokes about gender-specific traits, sexually suggestive language or gestures, display of sexually suggestive objects, pictures, or other printed material, and unwelcome physical contact such as patting, pinching, or brushing against another's body.

All Company employees are responsible for helping to assure that we avoid harassment. If you feel that you have experienced or witnessed harassment, you are to immediately notify your supervisor or department manager. If you are uncomfortable reporting to this designated person, you should contact the president. The Company forbids retaliation against anyone that has reported harassment or assisted in investigating a complaint. The Company policy is to investigate all such complaints thoroughly and promptly. To the fullest extent practicable, the Company will keep complaints and the terms of their resolution confidential. If an investigation confirms that harassment has occurred, the Company will take corrective action, including such discipline up to and including immediate termination of employment, as is appropriate.

HEAVY CIVIL INC

Hazardous Communication Program

Table of Contents

I.	Purpose.....	3
II.	Container Labeling.....	3

III.	Material Safety Data Sheets (SDS).....	4
IV.	Employee Information and Training.....	4
V.	List of Hazardous chemicals.....	5
VI.	Hazards of Non-Routine Tasks.....	6
VII.	On-Site Contractors	
	Sample Contractor Statement.....	8
VIII.	Access to Written Program.....	7
IX.	Hazard Determination Procedures.....	7

HEAVY CIVIL INC

I. Purpose of written Hazard Communication Program

The purpose of the Written Communication Program is to describe the methods used by **HEAVY CIVIL INC** to implement their Hazard Communication Program. This document outlines how each of the requirements set forth in the OSHA Hazard Communication Standard (H.C.S.) will be met on a **HEAVY CIVIL INC** facility.

II. Container Labeling

HEAVY CIVIL INC will meet the H.C.S requirements for container labeling on their facilities in the following manner:

- A. The job superintendent will be responsible for ensuring labeling on their facilities in the following manner:
- B. Each container of hazardous material at this facility that is received from an outside supplier will be clearly labeled with:
 - (1) Identity of hazardous chemicals.
 - (2) Appropriate hazard warnings.
 - (3) Name and address of the manufacturer.
- C. Each non-empty container of hazardous materials on this job site, including mixing tanks, storage tanks, drums, bags, bottles, and boxes will not be defaced or removed.
- D. Labels provided by vendors on incoming containers will not be defaced or removed.

HEAVY CIVIL INC does not accept shipments of hazardous material without proper labeling. Any containers of hazardous materials that are received without proper labeling are impounded in a designated area of the facility and will not be released for use until such time as proper labels can be applied. If vendor labels are not available, a special label bearing the information in "B" above should be filled out and attached. Portable container labels may be used for this purpose. (See page 3 of the Hazard Communication Handbook for a sample of a portable container label.)

E. Whenever hazardous materials are transferred into portable containers, the person transferring the material should attach a portable container label to the new container. The label must include the name of the product, identity of the hazardous chemical contained and applicable hazard warnings. If the person transferring the material is uncertain of the identity of the material and the applicable hazard warnings, he or she should contact his or her supervisor.

F. **HEAVY CIVIL INC** employees will be kept informed of these hazards by contacting their supervisor prior to starting work. Upon contacting their supervisor, the following procedure will be followed:

III. Safety Data Sheets

HEAVY CIVIL INC has met the H.C.S. requirements for Safety Data Sheets (SDS) as an employer in the following manner:

A. **Anthony Esposito** will be responsible for maintaining the file of SDS in this facility. These SDS will be kept in the **shop office, main office, and fleet office** and will be organized by product name.

B. **Anthony Esposito** will review the SDS as they received for new information and accuracy. If any parts of the SDS are missing or incomplete, **Anthony Esposito** should request a new SDS from the manufacturer. If the requested new SDS is not received or not complete should notify OSHA. If a new hazard and/or safety information is received on an SDS, **Anthony Esposito** is responsible for informing employees of the new information on hazards or safety introduced into their work area.

C. SDS are available to all employees for review during each work shift in their area. An employee may refer to an SDS at any time.

IV. Employee Information and Training

HEAVY CIVIL INC has met the H.C.S. requirements for employee information and training in the following manner:

A. **HEAVY CIVIL INC** provides employees with information and training on hazardous chemicals in their work area at the time of their initial employment.

B. **Anthony Esposito** will be responsible for conducting Hazard Communication training sessions for employees at this facility.

C. The "Hazard Communication Information and Training Program" will be accomplished at this facility through video-taped instruction, discussion of items specific to this facility, and a written review. **Anthony Esposito** will have a copy of the Hazard Communication Handbook to refer to if employees have any questions.

D. An outline of the training sessions provided at this facility is as follows:

- Explain the OSHA Hazard Communication Standard
- Educate employees about operations in their work area where they may come into contact with hazardous chemicals.
- Explain how to read a label for hazard information.
- Explain how to recognize a hazard warning.
- Review Safety Data Sheets and their use.
- Explain where and how to access Written Hazard Communication Program as well as Safety Data Sheets.

E. Attendance will be recorded for participation in the training session and will be kept on file by **Heavy Civil Inc**

F. For information and training about hazards associated with non-routine tasks, see Section VI, titled: Hazards of Non-Routine Tasks.

V. List of Hazardous Chemicals

HEAVY CIVIL INC meets the H.C.S. requirement for the list of Hazardous Chemicals in the following manner:

- A. The list of known chemicals for this facility and its facility will be maintained and located in back of the Safety Manual and SDS book by **HEAVY CIVIL INC**.
- B. More information on each hazardous chemical can be found by reviewing the SDS for that product.

VI. Hazards of Non-Routine Tasks

HEAVY CIVIL INC meets the H.C.S. requirements of informing employees about the hazards of routine tasks in the following manner:

A. It is the policy of **HEAVY CIVIL INC** to inform its employees of potential hazards associated with non-routine tasks and work on or with unlabeled tools and to advise them necessary personal protective equipment to accomplish such tasks.

- 1. Discuss potential hazards of activity.
- 2. Review the SDS of any hazardous chemical involved in the non-routine work.
- 3. Review safety precautions that should be taken during this activity.

VII. On-Site Contractors

HEAVY CIVIL INC meets the H.C.S. requirements for informing on-site contractors about hazardous chemicals to which their employees may be exposed in the following manner:

A. It is the responsibility of the facility manager to furnish the on-site contractors with the following:

- Description of hazardous chemicals to which the contractor's employees may be exposed.
- Suggestions for appropriate protective measures.

B. Likewise, on-site contractors will furnish **HEAVY CIVIL INC** with the following:

- Description of any hazardous chemicals brought onto **HEAVY CIVIL INC** property to which any **HEAVY CIVIL INC** employees may be exposed.
- Suggestions for appropriate protective measures.

C. The contractor must sign a statement (see page 8 for sample statement) that they have read and agreed to following the policy outlined above, that they have been informed of hazardous chemicals to which their employees may be exposed, and that they have provided the onsite superintendent with the information about any hazardous chemicals being brought onto **HEAVY CIVIL INC** property.

D. **HEAVY CIVIL INC** reserves the right to stop work of any contractor not in Compliance with this policy or until all applicable safety and health procedures are implemented by the contractor and the contractor is in compliance with **HEAVY CIVIL INC** policy.

Note: The requirements of this section also apply to contractors who provide temporary employees to **HEAVY CIVIL INC**

VIII. Access to Written Program

HEAVY CIVIL INC. meets the H.C.S. requirements for access to the Written Hazard Communication Program in the following manner:

- A. An employee may review this Written Hazard Communication Program at any time.
- B. The Written Hazard Communication Program will be kept in the Safety Manual located in the main office, shop office, or fleet office.

IX. Hazard Determination Procedures

HEAVY CIVIL INC meets the H.C.S. requirements for access to the Written Hazard Communication Program in the following manner:

- The hazard determination for all chemicals used on this facility is performed by **Tiffany Kester** of **HEAVY CIVIL INC** and kept on file in the front of the Safety Manual located in the main office or the warehouse office.

If anyone has questions about this Written Program, they should contact **Anthony Esposito**.

The implementation of the procedures in this program will be monitored by **Anthony Esposito** to assure the effectiveness of the program.

Sample Contractor Statement

Per agreement between _____ (Contractor) and _____ (Heavy Civil Inc) in which the Contractor has agreed to perform certain work on Company's property for an agreed fee or rate, Contractor acknowledges that Company uses and/or produces various substances which may be classified as hazardous substances under OSHA's Hazard Communication Standard. Contractor recognizes this use of hazardous substances by GACI acknowledges that Company has provided Contractor with a description of such substances which may be present in the areas of GACI's facility to which Contractor and its employees may have access during the performance of the job as agreed. Contractor further acknowledges that GACI has also provided suggestions for appropriate protective measures, which should be observed when Contractor's employees are in the area of the hazardous substances.

It is Contractor's sole responsibility to inform its employees of the described hazardous substances and protective measures suggested by GACI. It is Contractor's further sole responsibility to ensure that Contractor's employees observe protective measures during the performance of their duties, which are at least as stringent as the protective measures suggested by GACI.

The contractor agrees that in the event that it shall be required to bring any hazardous any hazardous substances onto GACI's property during the performance of its job, it shall notify GACI in advance and suggest to Company appropriate protective measures to be observed by Company's employees.

GACI specifically reserves the right to interrupt or terminate Contractor's work if Contractor should fail in whole or in part to comply with these terms and Contractor shall be prohibited from renewing such work in progress until all applicable safety and health procedures are implemented.

Agreed this _____ day of _____ year: _____

CONTRACTOR'S:

Hazard Communication Review Questions

1. You know that a product contains hazardous chemicals if the label has which one of the following hazard warnings on it:
 - A. WARNING
 - B. CAUTION
 - C. DANGER
 - D. All of the above.
2. There are two types of hazards associated with hazardous chemicals. What are they?
 - A. Health and Physical Hazards
 - B. Medical and Mental Hazards
 - C. Employee and Employer Hazards
 - D. All the above.
3. If a chemical is designated as a hazardous chemical, what information, by law, has to be on the container label?
 - A. Identity of hazardous chemical, appropriate hazard warning, manufacturer's name and address.
 - B. Hazard warning, net contents, poison control phone number.
 - C. Identity of hazardous chemical, Material Safety Data Sheet, name of product.
 - D. All of the above.
4. What do you do if a container label has been defaced or removed?
 - A. Fill out the "destroyed label" form and turn it in your supervisor.
 - B. Separate it from the rest of the containers and call your supervisor to contact the manufacturer to request a new label.
 - C. No action needs to be taken.
 - D. All of the above.
5. What does "MSDS" stand for?
 - A. Men Safety Delivering Sulfur Dioxide
 - B. Material Safety Data Sheet
 - C. Maintain Safe Department Standards
 - D. None of the above

6. When should an MSDS be consulted:

- A. When you need emergency or first aid information.
- B. When you need to know information about special protective chemical handling equipment and procedures.
- C. When a spill or fire of hazardous chemical occurs.
- D. All of the above.

7. Where should the MSDS be located?

- A. In the break room
- B. In the work area
- C. We don't have any MSDS
- D. All of the above.

8. Where would you look to find information regarding proper protective gear for applying a certain product such as paint?

- A. The label
- B. Ask a co-worker
- C. The MSDS
- D. Both A and C are correct.

9. A written plan of your company's Hazard Communication Program is available to you by:

- A. A request through my supervisor.
- B. My company does not have a written plan.
- C. I am given the plan with my paycheck.
- D. A written request to the OSHA committee in New Jersey.

10. An evaluation of the hazardous chemicals in your facility has been made by:

- A. A supervisor in your facility
- B. The environment Protection Agency
- C. The Internal Revenue Service
- D. The OSHA Regulation Authorities

11. The OSHA Hazard Communication Standard has been developed for what purpose

- A. To make sure employees know about any hazardous chemical they may come in contact with in their work area.
- B. To make your facility a safer place in which to work.
- C. To train employees on how to read and use product label and MSDS information.
- D. All of the above.

HEAVY CIVIL INC

EMERGENCY RESPONSE PLAN

This document shall serve as the basis for the Emergency Response Plan and the Fire Prevention Plan for **HEAVY CIVIL INC**. Local conditions will frequently require that additional details be added to insure **HEAVY CIVIL INC** employees are

protected, but this document will always serve as the company standard under which all construction site plans are formulated.

As conditions change, it shall be the responsibility of the supervisors to modify the plan to meet changing conditions. However, in no circumstances will the local modifications be less than outlined in this document.

EMERGENCY EVACUATION

WARNING

In the event of fire or other emergency, all employees will evacuate when so advised. The first alarm may be sounded by any employee, by yelling "fire" or "Evacuate the Building". On larger sites or when a verbal warning is not sufficient, the standard warning shall be the sounding of four (4) distinct blasts from a vehicle horn of approximately three seconds each. If other building fire alarms systems are operable, they may be used to signal evacuation. However, prior to any change in evacuation warning methods, all employees and subcontractors will be informed of the change.

OTHER EMERGENCIES

Hurricanes, tornadoes, and severe thunderstorms also present emergency conditions. Care should be exercised to observe potential high wind conditions, which could cause walls of incomplete buildings to fall or could cause construction materials to be blown through the air. In the event of these conditions, the area shall be evacuated. The location to which to evacuate will be determined by the surrounding conditions. In the event of a tornado, employees shall take cover in low areas such as ditches or ground indentations and away from the logical falling distance of incomplete wall. After the immediate danger is passed, employees and subcontractors will follow the employee accounting system described in the Accounting for Employees section of this document.

ACCOUNTING FOR EMPLOYEES

When an evacuation is conducted, all employees will immediately evacuate the building or immediate work location. Employees shall immediately report to superintendent's work trailer or truck to insure that an accurate determination can be made that all are safe accounted for. If the work trailer is in the suspect danger zone, all employees will report to the road entrance to the site for accounting. No employee shall leave the area without informing the supervisor or their appointed representative.

HEAVY CIVIL INC

FIRE PREVENTION PLAN

Stopping unwanted fires is the most effective way to eliminate employee exposure and protect property of our clients. Toward this end, HEAVY CIVIL INC will insure that worksites are maintained in the best possible condition.

REPORTING OF FIRES AND FOLLOW-UP ACTION

Any unwanted fires shall be immediately reported to the fire department by calling 911 or the appropriate telephone number for the area. The appropriate emergency reporting number shall always be posted at the telephone.

EXITS

Each workplace building will have at least two means of escape remote from each other to be used for fire or other emergencies.

Designated exit doors must not be blocked or locked to prevent emergency use when employees or subcontractors are in the building.

Exit routes from buildings must be clear and free of obstructions.

Worksites will be kept free of unnecessary debris and potential combustible scrap materials.

Flammable and combustible liquid quantities will be limited on the overall site to only those materials necessary to do the work. Additionally they shall be limited to a maximum of five gallons at any one enclosed location within the site unless the materials are actually being used at the time and that amount is necessary.

Safety rules regarding smoking, welding and other burning within the work site will be strictly followed.

Any heat producing equipment such as burners must be properly maintained and kept free of accumulations of flammable residues or similar material.

All subcontractors are responsible for removal of excess or leftover flammable or combustible materials they bring to the worksite.

Any flammable or combustible materials which have been left after they are needed on the site, or whose owner is unknown should be reported to the job superintendent immediately.

The workplace will be observed daily for potential fire problems and corrective actions taken. All weekly and monthly inspections will include attention to potential fire hazards.

PORTABLE FIRE EXTINGUISHERS

Each workplace building or truck will have a full complement of proper fire extinguishers for the fire hazards present as designated in OSHA construction standards CFR 1926 & 1910. Designated employees who are expected to use fire extinguishers will be properly trained on the hazards of fighting a fire, how to properly operate a fire extinguisher, and what procedures to follow in alerting others to the fire emergency. Employees who have not been trained in the operation of fire extinguishers should not operate fire extinguishers and should follow evacuation procedures outlined in the evacuation plan. All portable fire extinguishers shall be inspected at least annually in accordance with OSHA regulations and authorities having jurisdiction. Any empty or damaged extinguisher will be replaced immediately.

TRAINING

Only properly trained personnel will be allowed to operate firefighting equipment.

HEAVY CIVIL INC

FIRE EXTINGUISHER DISCHARGE REPORT

DATE DISCHARGED: _____

NUMBER OF EXTINGUISHERS USED: _____

LOCATION EXTINGUISHER FROM: _____

- 1) _____
- 2) _____
- 3) _____
- 4) _____

- 5) _____
6) _____

DEPARTMENT: _____

DEPARTMENT SAFETY REPRESENTATIVE: _____

CAUSE OF FIRE: _____

WAS FIRE DEPARTMENT CALLED: YES NO

NAME: _____

DATE: _____

HEAVY CIVIL INC

FALL PROTECTION PROGRAM

Hazard Recognition Procedure: The Competent Person will do a hazard assessment of the potential fall hazards that exist at a construction site where the walking working surface is 6 feet above the lower level. The Competent Person will identify which fall protection system needs to be in place at a given exposed area. Once these hazard areas have been identified, the fall protection measures will be put in place before employees are exposed to this potential fall hazard.

Types of fall protection systems include:

* Hole covers which will meet the following criteria: (1) will be secured in place (2) will be able to carry 2 times the intended weight of a person and (3) will be marked either "hole" or "cover"

- Guard rail systems which consist of a top rail of a top rail of 42 inches high and a mid-rail at 21 inches high.
- Safety net system, which consists of ANSI approved personal fall arrest nets. The installation of the net will be overseen by the Competent Person and will be installed as per manufacture's specifications.
- Full body harness consist of a full body harness for the employee and an energy absorbing lanyard and either a life line or a rope grab, or the lanyard will be directly attached to an anchorage point.
- On flat roof work activities only, a fall protection system consisting of a warning line and a safety monitor may be used. The warning line will be set in 6 feet from the edge of the roof. The warning line will consist of a flagging material that has a strength factor of at least 200 lbs. of tensile strength. The warning line will be installed with metal uprights that have the capacity of withstanding 200 lbs. of force. Also the warning line will be installed at a height of no less than 34 inches or greater than 39 inches from the floor level.

Training: All employees, before engaging in any walking surfaces area hazards, will be trained in the hazards that are applicable in their work environment in the ability to recognize them and the proper method of fall protection is needed for them to work in this area safely. This training will be documented and anyone that the Competent Person feels that lacks the knowledge of identifying the hazards or the proper fall protection systems will be removed from the work area until he/she has been retrained to a satisfactory level.

Sub-contractor: Sub-contractor will be required for all their personnel to follow the guidelines of HEAVY CIVIL INC fall protection plan before they commence work activities. HEAVY CIVIL has the right to request the training records of any company that their work activities fall under their walking working surfaces fall protection plan.

Commitment: This program will be strictly enforced for all of HEAVY CIVIL's employees and their subs and their employees. Any company employee found not abiding by the fall protection plan and training that they have received will receive disciplinary actions. Any sub-contractor that is found not abiding by the fall protection plan and training that they have received will receive disciplinary actions. Any sub-contractor that is found not complying with the fall protection plan will be asked to comply immediately or cease work until all safety measures and training have been Completed.

Fall prevention: Activities, which eliminate fall potential; pre-construction planning which engineer out fall potentials.

Fall protection: Active or passive systems which, when used properly, prevent injury or death by stopping a fall or guarding against a fall.

All elevations six feet or higher will be considered a fall potential and fall protection will be instituted.

DEFINITIONS:

Stair Rail: Thirty to 34 inches high, 2x4 lumber with midrail capable of supporting 200 LB lateral force.

Hand Rail: Forty –two inches high, made from 2x4 lumber or under certain conditions, ½" wire rope, or 1.5 "metal pipe.

Mid Rail: A support that this midway between a hand rail and the work platform.

Toe Board: 2x4 or equivalent lumber, secured to prevent movement.

Safety Belt: Made of leather or fabric, to be used with a lanyard, can have up to 3 "d" rings, all hardware to be drop forged or pressed steel.

Safety harness: Full body harness with a "D" ring at the upper center of back. Type 3 for fall protection. All hardware same as above.

Shock Absorbing Lanyard: Synthetic lanyard designed to slowly release gathered material to lower shock load when a fall occurs.

Lanyard: Length of synthetic or natural rope, minimum ½ nylon, ¾" manila or equivalent with snap hooks on each end, Maximum length 6 feet.

Drop line: Wire rope (1/4"minimum), safety belt or other device used to create a tie-off point. Drop lines must provide an anchor point equal to 5400 lbs. minimum. Drop lines shall not be utilized for any other purpose. Any sling or choker used for lifting, etc. will not be used as a drop line.

Life Line: Length of wire cores manila, polypropylene, 7/8" wire core manila where abrasion is expected, or equivalent).

Safety Net Minimum mesh of 6x6".

Debris Net: Typical mesh is ¼" – ¾ on side.

Rope Grab Hardware: Vertical grab, manual grab, mobile grab – all attach to a lifeline and "grab" (i.e.: lock onto) the lifeline when a person falls. Selection depends on application.

Floor Hole Cover: Minimum thickness ¾" plywood or 2" lumber.

OPEN SIDE FLOORS, WALLS RAMPS AND WALKWAYS

½" wire rope, 2 strands, secured so maximum slump at any point is 2"; secured ends by 3 "U" bolt clamps, saddle on live side rope, the "U" on the dead side of the rope. Toe board required on finished floors

OR

- 2X4 handrail, midrail and toeboard capable of withstanding 200 lbs. lateral force.
- Ramps greater than 4 feet above elevation require handrails and midrail.
- > Wall openings where bottom of opening is 3 feet or less will have guardrails installed.

FLOOR HOLES (Options: Specific protection depends on location)

>10 Square Feet or less: Covered with ¾" plywood or 2" thick lumber. Will be identified with "Floor Hole – No Storage". To be secured from movement.

- Greater than 10 Square Feet: Substantial barricade or standard handrail, midrail and toe board required.
- Ladder Access through Floor Hole: Will have standard guard rails and be protected so personnel do not inadvertently walk into floor hole.

STAIRWAYS AND STEPS

- All stairs with 3 or more risers must have standard handrail and midrail capable of withstanding a 200 lb lateral force.
- Stairways will be lighted and kept clean.
- Hollow-pan stairways will not be used until the pans are filled with permanent material or other solid material.
- Steps or breaks in elevation of 19" or more must have a step or ramp.

SAFETY BELT vs. FULL BODY HARNESS

Safety Belt: To worn where no free-fall hazard is expected, such as in a man-lift, positioning or tying up steel on rebar, near floor edge or hole, pitched roofs with a life line and rope grab hardware, etc.

Full Body Harness: To be worn where a free-fall hazard is expected, to be used with a shock absorbing lanyards).

Note: Safety Harness will be Type III

HEAVY CIVIL INC

LADDER SAFETY RULES

Every employee should read and familiarize him/her self with all of the following safety rules. Upon hiring, each employee will be trained in the use of ladders.

LADDERS

1. The ladder side rails shall extend at least 3 feet above the upper landing surface to which the ladder is used to gain access.
2. Ladders shall be maintained free of oil, grease and other slipping hazards.
3. Ladders shall be used only for the purpose for which they were designed.
4. Ladders shall not be loaded beyond their maximum intended load.
5. Fixed ladders shall be used at a pitch no greater than 90 degrees from the horizontal, as measured to the backside of the ladder.
6. Non-self-supporting ladders shall be used at an angle such that the horizontal distance from the top support to the foot of the ladder is approximately one-quarter of the working length of the ladder.
7. Ladders shall be used only on stable and level surfaces unless secured or provided with slip-resistant feet.
8. Ladders shall not be used on slippery surfaces unless secured or provided with slip-resistant feet.
9. Ladders placed in any location where they can be displaced by workplace activities or traffic shall be secured to prevent accidental displacement.
10. Areas around top and bottom of ladders shall be kept clear.
11. Ladders shall have non-conductive side rails when used around energized electrical equipment.
12. The top or top step of a stepladder shall not be used as a step.
13. Cross-bracing of stepladders shall not be used for climbing.
14. Ladders shall be inspected for visible defects on a periodic basis or after any assurance that could affect their safe use.
15. Portable and fixed ladders with structural defects shall immediately be removed from service.
16. Single rail ladders shall not be used.
17. When ascending or descending a ladder, the user shall face the ladder.
18. Each employee shall use at least one hand to grasp the ladder when progressing up or down the ladder.
19. An employee shall not carry any object or load that could cause the employee to lose balance and fall.

Job-Built Ladders:

> Side rails even and continuous. Where spliced, the splice must be at least equal in strength to a continuous section of lumber

- Distance between side rails to be 16-20" for single-cleat ladders and 18-22" for double-cleat ladders.
- Filter blocks will be used where access to upper floors by 25 or more employees is required
- Double – cleat ladders will be used where access to upper floors by 25 or more employees is required.
- Must have a clear 36" above landing with no cleats.
- To be secured from movement

HEAVY CIVIL INC **Scaffolding**

SCAFFOLDING INSPECTION

- All scaffolds shall be inspected for damage prior to use
- No bent parts are to be used
- Scaffold planks must be of the proper size and design

SCAFFOLDING USE

- Handrails, midrails and toe boards on all working levels.
- Ladder access must be available or a stair tower utilized.

- Securely attach to building at least 26' vertically and 30' horizontally.
- Walkways passing under scaffold must be covered. Side of scaffold above walkway must have barrier to prevent material, equipment or tools from falling onto walkway.
- Planking to be scaffold grade, minimum 2 planks, secured from movement or overlapped at least 12 inches.

Mobile Scaffold

- Handrails, midrails and toe boards on all mobile scaffolds.
- Height no more than 4 times the least dimension of the base. Example: With a 4x8 scaffold, the maximum height will be no greater than 16 feet.
- Wheels to be locked when not being moved.
- No riders when moving scaffold.
- Platform will be fully planked.

The Hazards of Excavations

There are many potential hazards when working in excavations and trenches. Probably the most common hazard at any worksite is the threat of **cave-in**. A cave-in occurs when walls of an excavation collapse. Why do cave-ins occur? Undisturbed soil is kept in place by natural horizontal and vertical forces of the adjacent soil. When earth is removed to create an excavation, these natural forces are no longer able to hold back the soil left behind forming the trench wall. With no support, eventually the laws of gravity take over, and the soil from the trench walls will eventually move downward and inward into the excavation. The result is a cave-in. Cave-ins occur suddenly-usually too quickly for a worker to react. Cave-ins are more likely to occur in unprotected excavations where:

- The excavation is dug in unstable or previously disturbed soil;
- Excessive vibration from construction equipment or vehicle traffic around the excavation is present;
- A surcharge of loads are present near the sides of an excavation, most frequently from equipment or the excavated material too near to the edge;
- An accumulation of water in the excavation;
- Changes in weather conditions (freezing, melting, sudden heavy rain, etc.) These conditions can be controlled by :
- Re-routing traffic when possible, and keeping only the heavy construction equipment required near the excavation;
- Keeping the spoil pile at least 2 feet back from the edge of the excavation;
- Pumping water out of the excavation before anyone enters it;
- Using protective systems when required.

Other hazards to be considered when working around excavations and trenches include **accidental contact with utility lines**, crushing and striking hazards posed by **mechanized equipment**, and **hazardous atmospheres**.

What OSHA's Standard Requires

The standard covering excavation safety is Title 29 Code of Federal Regulations, Part 1926.650-652, (Subpart P), OSHA's Rules and Regulations for Construction Employment. The standard covers all excavations made in the earth's surface, including trenches, and the requirements for protective systems to be used. OSHA defines an **excavation** as any man-made cut, cavity, trench, or depression in the earth's surface as formed by earth removal.

A **trench** refers to a narrow excavation made below the surface of the ground in which the depth is greater than the width and the width does not exceed 15 feet. Trenching is common in utility work, where underground piping or cables are being installed or repaired.

If an excavation is more than 5 feet in depth, there must be a **protective system** in place while workers are present in the excavation. Excavations more than 4 feet in depth must have a way to get in and out, usually a ladder, for every 25 feet of horizontal travel. OSHA requires that regardless of the depth on an excavation, a **competent person must inspect conditions at the site on a daily basis and as frequently as necessary during the progress of work to assure that the hazards associated with excavations are eliminated before workers are allowed to enter.**

A competent person has the following qualifications:

- Thorough knowledge of the OSHA standard 29 CFR 1926.650-652 /Subpart P
- Understands how to classify soil types
- Knows the different types and proper use of excavation safety equipment (e.g. protective systems)
- Has the ability to recognize unsafe conditions, the **authority to stop the work** when unsafe conditions exist, the knowledge of how to correct the unsafe conditions, **and do!** If someone has to be called in order to stop the work, or the designated competent person does not stop unsafe acts and conditions, the person is not acting "competently" within the meaning of the standard. It is the responsibility of the competent person is to conduct daily inspections prior to the start of any work and as needed throughout the shift. He/she may use a checklist to ensure all operations are reviewed. Part of this inspection process includes determining the soil classification. OSHA has included in Appendix A of its excavation standard methods to make it easier for a competent person to classify soils.

The competent person determines what soil types are present by using both **manual** and **visual** methods. The ability to determine soil type correctly is critical, because soil type is one of the determining factors in specifying protective systems. A protective system must be used if an excavation is 5 feet or greater in depth. The three most commonly used kinds of protective systems are: **shoring, shielding, and sloping**. Shoring, whether the traditional timber shores or the modern hydraulic shores, brace against and hold up the walls of an excavation, preventing cave-ins. Shielding devices, commonly called trench boxes, shields, or coffins, are not designed to prevent a trench wall from collapsing, but rather serves as a "shield" to the workers within the structure should a cave-in occur. With both shoring and shielding, the workers are only protected as long as they stay within the protective confines of the systems. Sloping refers to the cutting back of the trench walls at such an angle that there is little chance for collapse. Each of these protective systems are acceptable to OSHA; it is up to the competent person to determine which method will be most effective for the job at hand. The competent person must inspect these systems regularly to ensure that they are functioning properly.

What is Soil?

Soil is a mixture of sand, gravel, silts, clay, water, and air. It is the amounts of these ingredients which determine its "cohesiveness", how well a soil will hold together.

Cohesive soil does not crumble. It can be molded easily when wet, and is hard to break up when dry. Clay is a very fine grained soil, and is very cohesive. Sand and gravel are coarse grained soils, having little cohesiveness and often called **granular**. Generally speaking, the more clay that is in the soil being excavated, the better the trench walls will hold up. Another factor in soil cohesiveness is water. Soil that is filled with water is termed **saturated**. Saturated soil does not hold together well, and is particularly dangerous in excavation work. However, the opposite can also be true. Soil that is void of water, or **oven-dry**, can crumble easily, and will not hold together when excavated.

OSHA classifies soils into four categories: Solid Rock, Type A, Type B, and Type C. Solid Rock is the most stable, and Type C soil is the least stable. . Soils are typed not only by how cohesive they are, but also by the conditions in which they are

found. Stable rock is practically unachievable in the excavation of a trench. The excavation of rock typically requires drilling and blasting, which fractures the rock, making it less stable.

Type A soil can be clay, silty clay, or sandy clay. A soil cannot be considered Type A if it is fissured or other conditions exist that can adversely affect it, such as: being subject to vibration from heavy traffic, pile driving, or similar effects having been previously disturbed/excavated where it is part of a layered system, where less stable soil is near the bottom of the excavation, with the more stable soils on top. subject to other factors which would make it unstable-such as the presence of ground water, or freezing and thawing conditions.

Many OSHA compliance personnel believe that construction equipment at the site create enough vibrations to prevent any soil from being typed as "A". If vibrations can be felt while standing next to an excavation, the competent person should consider downgrading Type A soil to Type B or C.

Type B soils include both cohesive and non-cohesive soils. They include silts, sandy loams, medium clays, and unstable rock. Soils that might be classified as A, but have fissures, or are subject to vibration, may also be classified as "B" soils.

Type C soils are the most unstable (and therefore most dangerous) of the four soil types. They are easily recognized by the continual sloughing of the sides of the walls of excavation. If soil is submerged, or water is seeping from the sides of an excavation, it's very probably "C" soil. Soil may be classified as Type C if an excavation is dug in "layered" soils, where different soil types lay on top of each other. If an unstable soil type is underneath a stable soil type, you should always consider the "weakest link". Because of where we dig, it's important to understand that once soil has been excavated, it will never be returned to the composition as it was naturally formed. In many construction projects, the soil that is being excavated has been **previously disturbed**. This means the soils has been excavated or moved in the past. This is another factor a competent person must consider when typing soils. Previously disturbed soils are rarely as strong as undisturbed soils, and are usually typed as "C" soil. Previously disturbed soil is commonly found above existing utilities, such as water, sewer, electrical and gas lines. This makes work around these utilities more dangerous due to the unstable nature of the soil. Much of the work we perform in excavations are along rights-of-way, where the soil is almost always likely to be Type C.

Note: If you are uncertain of the soil type, ALWAYS assume Type C soil!

A competent person must type soils by using at least one **visual** and one **manual** test. A visual test can include inspecting the soil as it is being removed, and examining the spoil pile and the color and make-up of the remaining excavation walls. A manual test means working with the soil with either your hands or with an instrument designed to measure soil strength. For example, if you can manipulate the soil into a long "worm" or ribbon, the soil is cohesive and may be classified as A or B, depending on other conditions. One useful instrument for measuring soil strength is a **penetrometer**. When you press this instrument into a soil sample, it measures its unconfined compressive strength in tons per square foot (tsf). Soil is heavy. A cubic foot can weigh as much as 114 pounds, and a cubic yard can weigh over 3,000 lb. - as much as a pick-up truck! Most workers don't realize the force that will hit them when a cave in occurs. A person buried under only a few feet of soil can experience enough pressure in the chest area to prevent the lungs from expanding. Suffocation can take place in as little as three minutes. Heavier soils can crush and distort the body in a matter of seconds. It's no wonder trench accidents involve so many deaths and permanently disabling injuries.

Protective Systems

Protective systems are methods of protecting workers from cave-ins of material that can fall or roll into an excavation, or from the collapse of adjacent structures. If an excavation is less than 5 feet deep, OSHA does not require protective systems **unless the competent person sees signs of a potential cave-in**. (It is important to remember that a wall collapse in a trench four and 1/2 feet deep can still have serious results!) For trenches between 5 feet and 20 feet deep, **shoring and sheeting, shielding, sloping and benching** are all acceptable protective measures. It is up to the planners of the construction project and the competent person on site to determine which systems are most appropriate. If an excavation is greater than 20 feet deep, a **registered professional engineer** must design the protective system.

Shoring systems are structures of timber, mechanical, or hydraulic systems that support the sides of an excavation and which are designed to prevent cave-ins.

Sheeting is a type of shoring system that retains the earth in position. It can be driven into the ground or work in conjunction with a shoring system. Driven sheeting is most frequently used for excavations open for long periods of time. Another type of sheeting, in which plates or shoring, grade plywood is used in conjunction with strutted systems such as hydraulic or timber shoring. These strutted systems are also referred to as **active systems**. The most frequently used strutted system involves **aluminum hydraulic shores** which are lightweight, re-usable and installed and removed completely from above ground.

A **shield**, often referred to a trench box is another common protective system used by contractors, an excellent choice when continuous horizontal installations are contemplated. It's placed in the trench and dragged along with the progress of the work. A few important points about shields:

Personnel should be out of the box and above ground when the shield is being moved. You could be caught between the moving box and fixed object(s); The top of the shield should extend at least eighteen (18) inches above the level of any materials that could cave or roll into the trench; Some shields are designed to be stacked, one on top of another. The forces of a cave-in can literally push a box sideways, causing a crushing hazard. After a box is positioned for the work, the voids between the box and the trench wall should be filled with excavated material to prevent displacement caused by a cave-in.

Sloping and benching are another means of protecting workers from cave-in hazards. Sloping is a method of excavating in which the walls of an excavation are laid back to an "angle of repose" suitable to the type of soil.

Insert diagram of simple slope. Benching is a process of stepping off the earthen walls of an excavation.

Insert simple benching diagram. Sloping can be used as a system by itself or in conjunction with benching.

Insert simple diagram of slope and bench configuration from appendix. In the real world, there are very few applications where sloping and/or benching can be used. Why? Most often, the luxury of available space is the first consideration. Many excavations are dug in right-of-way where other the presence of other utilities and traffic become major considerations. Moreover, for every cubic yard of soil that is removed, it is very likely that nearly the same amount of material must be put back, *and compacted as well.* *Insert diagram of type c slope* If the location to be excavated has been previously disturbed, as it frequently is along a right-of-way, the soil type will very likely be classified as "C". With Type C soil, the excavation walls must be sloped back on each side of the excavation one and one half feet for every foot of depth. Add all these factors up and it soon becomes clear: sloping, even in conjunction with benching may be desirable but not always very practical and economical. A competent person must be conversant with the various sloping and benching configurations available, should that be the choice for protecting workers. In sloping and benching, the important points to remember is the "weakest link" when determining what type of soil is supporting what type of soil. If type C is supporting type B or any other type of combination, the sloping and benching configuration chosen must be in accordance with the OSHA standard.

Hazardous Atmospheres

Hazardous atmospheres frequently go unrecognized by workers until it's too late. Then personnel dive in to rescue and often become the victims as well. Indeed, 60% of all workers who die from such atmospheres are the rescuers themselves. Planners who perform pre-construction site surveys evaluate conditions for potential atmospheric hazards as well as the physical conditions that lend themselves to cave-ins. The competent person understands and uses direct reading instrument(s) that can detect the most common atmospheric hazards found in excavations almost instantaneously. Hazardous atmospheres include oxygen deficient environments, flammable/combustible/explosive environments and toxic environments. Here are a few examples of the most common sources for hazardous atmospheres in excavations:

Oxygen deficient atmospheres:

Is rain water passing over limestone causing an acidity reaction and in turn causing the development of carbon dioxide. Carbon dioxide is a simple asphyxiate which depletes oxygen and can result in death.

Flammable/Combustible/Explosive Atmospheres:

Volatile organic compounds found in petroleum products can move through voids in soils and accumulate in excavations. Such accumulations can create both a fire and toxic hazard. Adjacent buried tanks are a common source.

Toxic Atmospheres:

Carbon monoxide from vehicles or equipment too near the excavation can accumulate and create a toxic environment for the workers. Important in dealing with potential hazardous environments is their early recognition. Testing equipment for atmospheric hazards in today's world is easily used, compact and one instrument can be purchased to detect the three most common atmospheric hazards found in excavations. Continuous monitoring is always advisable because of the changing conditions that can occur.

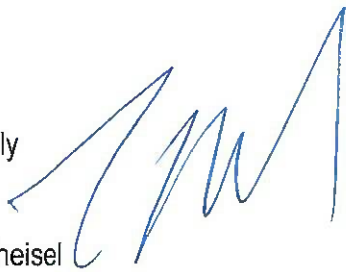
Introduction:

Safety at North Perry Airport taxiway "p" comes with its own unique hazards which are covered very well in the orientation training each person must undergo in order to work on the airport. We ascribe to those safety standards in our work at the airport as well.

Safety Rules:

1. Obey and follow Construction Safety Phasing Plan (CSPP) and FAA A/C 150/5370-2F
2. Obey any and all directives from law enforcement, FAA personnel, and ICE. This is a priority 1 airport for terrorism control.
3. Aircraft have the absolute right of way. Stop at the various checkpoints for traffic throughout the airport to check for moving aircraft if you are not being escorted.
4. Airport ID badges must be in plain sight at all times and worn above the waist. If an inspector or law enforcement officer cannot readily see your badge you may be arrested and taken off of the airport.
5. Type III reflective safety vests are to be worn at all times.
6. All trash is to be discarded in approved FOD (Foreign Object Debris) containers. If observed doing otherwise you may get arrested and taken off of the airport.
7. DO NOT go into any other area on the airport other than where your assigned work area is located. You may be arrested and taken off of the airport
8. Service trucks with tanks for diesel fuel are not allowed to use the tunnel.
9. Dump trucks may not clean out their dump beds anywhere on the airport.
10. Rotating safety beacons are to be in use at all times on the paving equipment and all other equipment such as rollers, tire rollers, brooms, loaders, and vacuum trucks.
11. Back-up alarms must be operational on all mechanized equipment.
12. You are subject to search at all times while on the airport for contraband and drugs.
13. All subs of GACI will abide by the same safety rules.
14. Use of cell phones on the airport is limited to supervisors only.
15. Drink plenty of fluids throughout the day.
16. Report all accidents immediately to your supervisor.

Sincerely



Todd Kneisel
Safety Manager
Heavy Civil Inc.