

TASK ORDER TO THE AGREEMENT

In accordance with the Agreement, approved by the Board of County Commissioners on August 18, 2020 (the "Agreement") for work within the scope of Solicitation 20Q-124-TO-35 Solid Waste Engineering Services, this Task Order to the Agreement (this "Amendment") is made and entered into between Jones Edmunds & Associates, Inc. whose address 13545 Progress Blvd., Suite 100, Alachua, FL 32615, and possessing FEIN# 59-1533071 ("CONTRACTOR") and Marion County, a political subdivision of the State of Florida, 601 SE 25th Avenue, Ocala, FL, 34471 ("COUNTY").

WITNESSETH

WHEREAS the parties wish to amend the Agreement as set forth below; and;

IN CONSIDERATION of the mutual covenants and conditions contained herein, the parties do hereby agree as follows:

1. This Amendment shall be deemed to amend and become a part of the Agreement in accordance with the original Solicitation and Agreement for under 20Q-124.

2. CONTRACTOR's services and performance will be in accordance with the scope of service and proposal, Exhibit A hereto. The total cost for the Project will not exceed Two Hundred Twenty-Three Thousand Seven Hundred Thirty and Zero Cents (\$223,730.00). The Project shall reach substantial completion within 209 Calendar Days. All Work shall proceed in a timely manner without delays. **TIME IS OF THE ESSENCE.** All limitations of time set forth in the Contract Documents are of the essence of this Contractor. The Work may be presumed abandoned after ninety (90) days if CONTRACTOR terminates the Work without just cause or without proper notification to COUNTY, including the reason for termination, or fails to perform Work without just cause for ninety (90) consecutive days.

3. This Amendment adds the following provisions to the Agreement:

- **Governing Law, Law, Venue, Waiver of Jury Trial, and Attorney's Fees:** This Agreement and all the Contract Documents shall be construed according to the laws of Florida and shall not be construed more strictly against one party than against the other because it may have been drafted by one of the parties. In the event of any legal proceeding arising from or related to this Agreement; (1) venue for state or federal legal proceedings shall be in Marion County, Florida (2) for civil proceedings, the parties consent to trial by the court and waive right to jury trial, (3) the prevailing party shall be entitled to recover all of its costs, including attorney's fees. This section shall survive the termination of the Agreement.

4. Public Records Compliance

A. IF CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO ITS DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT COUNTY'S CUSTODIAN OF PUBLIC RECORDS AT:

Public Relations | 601 SE 25th Ave | Ocala, FL 34471

Phone: 352-438-2300 | Fax: 352-438-2309

Email: publicrelations@marionfl.org

B. CONTRACTOR shall comply with public records laws, specifically:

- Keep and maintain public records required by COUNTY to perform the Work;
- Upon request from COUNTY's custodian of public records, provide COUNTY with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law;
- Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of

the Term and following completion of this Agreement if CONTRACTOR does not transfer the records to COUNTY; and,

- Upon completion of this Agreement, transfer, at no cost, to COUNTY, all public records in possession of CONTRACTOR or keep and maintain public records required by COUNTY to perform the Work. If CONTRACTOR transfers all public records to COUNTY upon completion of this Agreement, CONTRACTOR shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If CONTRACTOR keeps and maintains public records upon the completion of this Agreement, CONTRACTOR shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to COUNTY, upon request from COUNTY's custodian of public records, in a format that is compatible with the information technology systems of COUNTY.
- C. If CONTRACTOR fails to provide the public records to COUNTY within a reasonable time, CONTRACTOR may be subject to penalties under Section 119.10 Florida Statutes and may be subject to unilateral cancellation of this Agreement by COUNTY. This section shall survive the termination of the Agreement.
4. **Notices.** Except as otherwise provided herein, all written communication between the parties, including all notices, shall be by electronic mail, U.S. Mail, a courier delivery service, or delivered in person. Notices shall be deemed effective if mailed, when deposited in a United States Postal Service mailbox with postage prepaid and if hand delivered, upon personally handing same to the party to whom the notice of other communication is addressed with signed proof of delivery. If otherwise delivered, notices shall be considered delivered when reflected by an electronic mail read receipt, a courier service delivery receipt, other mail service delivery receipt, or when receipt is acknowledged by recipient. All parties certify that each has software capable of sending electronic mail read receipts to the other. Any party sending notice by electronic mail acknowledges and accepts the inherent risks that come with same. If notice is delivered in multiple ways, notice shall be considered delivered at the earliest delivery time.

Alternatively, the parties may elect to receive said notices by e-mail. COUNTY hereby elects to receive all notices solely by email and designates its email address as procurement@marionfl.org. If CONTRACTOR agrees to accept all notices solely by e-mail and acknowledges and accepts the inherent risks that come with accepting notices solely by e-mail, CONTRACTOR may designate up to two (2) e-mail addresses: contractservices@jonesedmunds.com. Designation signifies CONTRACTOR's election to accept notices solely by e-mail.

- 5. All provisions of the Agreement not specifically amended herein shall remain in full force and effect.

IN WITNESS WHEREOF the parties have entered into this Amendment, as approved by the Marion County Board of County Commissioners, on the date of the last signature below.

ATTEST:

MARION COUNTY, A POLITICAL SUB-DIVISION OF THE STATE OF FLORIDA

GREGORY C. HARRELL, DATE
MARION COUNTY CLERK OF COURT

MICHELLE STONE DATE
CHAIR

FOR USE AND RELIANCE OF MARION COUNTY ONLY, APPROVED AS TO FORM AND LEGAL SUFFICIENCY

BCC APPROVED: October 1, 2024
20Q-124-TO-35 Solid Waste Engineering Services

MATTHEW G. MINTER, DATE
MARION COUNTY ATTORNEY

WITNESS:

SIGNATURE

PRINTED NAME

WITNESS:

SIGNATURE

PRINTED NAME

Jones Edmunds & Associates, Inc.

BY:

DATE

PRINTED:

ITS: (TITLE)

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DRAFT

August 7, 2024

Mark Johnson, Director
Marion County Solid Waste Department
5601 SE 66th Street
Ocala, Florida 34480-9501

RE: Marion County Contract No. 20Q-124
Transfer Station Repair 2024
Jones Edmunds Opportunity No.: 95443-227-24

Dear Mr. Johnson:

Jones Edmunds is providing this proposal to perform design, permitting, bid-phase, and construction-phase engineering services for the improvements to the County's Solid Waste Transfer Station. The improvements are needed because of many years of wear on the Transfer Station's operating systems. The Transfer Station was constructed in 2003, and several systems need replacing and upgrading to maintain safe and efficient operations. These systems include:

1. Loading Hoppers
2. Weight Management System
3. Tunnel Pit Brushes
4. Tipping Floor
5. Push Wall
6. Electrical Systems
7. Building Siding
8. Miscellaneous Items

The need for this work has been documented in the correspondence dated June 4, 2024, Baseline Transfer Station Damage Evaluation, provided as Attachment 1.

Procurement and construction of the repairs will be led by the County's Construction Manager (CM) with engineering support provided by Jones Edmunds. Additional detail regarding the work included in this proposal is provided below.

SCOPE OF WORK

TASK 1 – DESIGN SERVICES

LOADING HOPPER CONCEPTUAL DESIGN

The County has two primary options to repair the loading hoppers:

1. Return the hoppers to the original as-built condition with improvements to the related structural supports. In this option, the repairs will be primarily made of structural steel.
2. Extend the tipping floor to the west wall of the transfer station and reconfigure the hoppers to optimize efficiency. In this option, the repairs will be primarily made of concrete.

These two design options will be progressed to the 30% level of completion and provided to the CM to obtain cost proposals to perform the work. The County will select which option to proceed with, and the design will be progressed to construction level. The proposal includes the cost to develop both options to final completion. The cost for the development of the option not selected will be returned to the County.

Deliverables: Jones Edmunds will submit two full size paper, four ½ size paper and electronic copies in pdf format of the two design options at the 30% level of completion for review by the County and evaluation by the CM.

REPAIR ITEMS 2–8 CONCEPTUAL DESIGN

Details of the work included in this task are provided in Attachment 1. Since its original construction in 2003, many of the Transfer Station systems have been damaged and need repair, replacement, or upgrades. These systems are necessary for the continued safe and efficient operation of the Transfer Station.

In coordination with the County, the repairs of these systems will be designed for inclusion in the construction drawings for use by the CM.

Jones Edmunds has scheduled 2 weeks for the County to review the 30% Submittal Package. Jones Edmunds will participate in a review meeting at the County's office to discuss and obtain the County's comments. The County's comments agreed to at the meeting will be incorporated into the documents.

Deliverables: Jones Edmunds will submit two full size paper, four ½ size paper and electronic copies in pdf format of the design of the repairs at the 30% level of completion for review by the County and the CM.

TASK 2 – CONSTRUCTION DOCUMENTS

This task includes preparing construction drawings and specifications for the work in Task 1 above. The preliminary list of Drawings for the projects includes:

DRAWING NUMBER	DESCRIPTION
G-1	COVER SHEET
G-2	DRAWING INDEX, GENERAL NOTES, AND ABBREVIATIONS
G-3	EXISTING UTILITIES PLAN
C-1	SITE PLAN/KEY MAP
C-2	DEMOLITION PLAN – TIPPING FLOOR
C-3	DEMOLITION PLAN – HOPPER
C-4	DEMOLITION PLAN – OTHER SYSTEMS (TBD)
C-5	DEMOLITION DETAILS AND PHOTOGRAPHS
C-6	DEMOLITION DETAILS AND PHOTOGRAPHS
C-7	DEMOLITION DETAILS AND PHOTOGRAPHS
C-8	LEACHATE DRAINAGE SYSTEM IMPROVEMENTS AND DETAILS
C-9	SCALE/ WEIGHT SYSTEM PLAN AND DETAILS
C-10	FIRE PROTECTION AND LIFE SAFETY PLAN
S-1	STRUCTURAL NOTES
S-2	STRUCTURAL PLAN – LOADING HOPPERS
S-3	STRUCTURAL PLAN – TIPPING FLOOR
S-4	STRUCTURAL PLAN – TUNNEL LEVEL
S-5	STRUCTURAL DETAILS – LOADING HOPPERS
S-6	STRUCTURAL DETAILS – TIPPING FLOOR
S-7	STRUCTURAL DETAILS – TUNNEL LEVEL
S-8	STRUCTURAL DETAILS – SCALE/WEIGHT SYSTEM
E-1	ELECTRICAL NOTES
E-2	ELECTRICAL SITE PLAN AND DETAILS
E-3	LIGHTING PLAN – TIPPING FLOOR
E-4	LIGHTING PLAN – TUNNEL LEVEL
E-5	ONE-LINE DIAGRAM

Jones Edmunds will develop the Bid Form using the County’s standard presentation format. The Technical Specifications will be provided in a 16-Division Construction Standards Institute format. The County will provide the front-end Contract Documents that are specific to Marion County purchasing requirements.

TASK 2.1 – 75% DESIGN SUBMITTAL PACKAGE

This subtask is for the work associated with developing the 75% Design Submittal Package, which will be submitted to the County for review and comment and includes the following:

- 75% Design Drawings.
- Draft Bid Form.
- Technical Specifications.
- Opinion of Probable Construction Cost – by the CM.
- Construction Schedule – by the CM.

Jones Edmunds has scheduled 2 weeks for the County to review the 75% Submittal Package. Jones Edmunds will participate in a review meeting at the County's office to discuss and obtain the County's comments. The County's comments agreed to at the meeting will be incorporated into the documents.

Deliverables: Jones Edmunds will submit two full size paper, four 1/2 size paper and electronic copies in pdf format of the items indicated above to the County for the 75% Design Submittal Package.

TASK 2.2 – 100% DESIGN SUBMITTAL PACKAGE

The 100% Design Submittal Package will present the complete design pending the County's comments. The 100% Design Submittal Package will be submitted to the County for review and comment and will include the following:

- 100% Design Drawings
- Draft Bid Form
- Technical Specifications
- Opinion of Probable Construction Cost – provided by the CM
- Construction Schedule – provided by the CM

Jones Edmunds has scheduled 2 weeks for the County to review the 100% Submittal Package. Jones Edmunds will participate in a review meeting by teleconference to discuss and obtain the County's comments. The County's comments agreed to at the meeting will be incorporated into the documents.

Deliverables: Jones Edmunds will submit two full size paper, four 1/2 size paper and electronic copies in pdf format of the items indicated above to the County for the 100% Design Submittal Package.

Task 2.3 – Develop Final Design Submittal Package

This subtask will include the work associated with incorporating the County's final comments into the design. The Final Design Submittal Package will be submitted to the County and will include the following:

Exhibit A - Proposal

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- Drawings
- Suggested Bid Form
- Technical Specifications (does not include Front-End/Division 00 Specifications. The CM will provide these sections as needed)

Deliverables: Jones Edmunds will submit paper copies and pdf copy of the items indicated above to the County for the Final Design Submittal Package. In addition, the Drawings will be submitted in AutoCAD format. The Drawing Set paper copies are expected to include two full-size (22-x-34-inch) sets and four half-size (11-x-17-inch) sets.

TASK 3 – BID PHASE ASSISTANCE TO THE CM

The County intends to contract this work using a CM instead of a traditional competitive bidding process. Jones Edmunds will support the County in this process:

- Provide design drawings and specifications developed under Tasks 1 and 2.
- Provide written responses to the CM's questions within 10 working days.
- Attend one Pre-Bid Meeting with prospective bidders by video. The CM will direct the meeting.
- Attend bi-weekly video meetings during the procurement process not to exceed four 1-hour meetings.
- Provide revised/conformed drawings and specifications based on the results of the negotiations.

Deliverables: Jones Edmunds will submit written responses to contractor questions.

TASK 4 – CONSTRUCTION PHASE ASSISTANCE TO THE CM

Upon award of the construction contract, Jones Edmunds will provide engineering support to the CM for the work described above. The CM will provide construction contract administration and have direct contact with the contractors.

TASK 4.1 CONSTRUCTION-ADMINISTRATION ASSISTANCE

Jones Edmunds will provide assistance to the CM during the construction phase of the project. Jones Edmunds will provide the following limited construction-phase services:

- Assist the County with responding to Requests for Information (RFIs).
- Participate in one Pre-Construction Meeting held onsite. The CM will be responsible for preparing the meeting agenda, conducting the meeting, and preparing the meeting minutes.
- Participate in four monthly Progress Meetings by telephone. The CM will be responsible for preparing the meeting agenda, conducting the meeting, and preparing the meeting minutes.
- Attend four onsite progress meetings/project site visits during construction.

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- Provide two paper copies and an electronic copy of signed-and-sealed Conformed for Construction Drawings and Specifications.
- Provide limited resident observation services for a total of 40 hours during construction as requested by the CM. The CM will be responsible for day-to-day resident observation and construction quality assurance.

TASK 4.2 SUBMITTAL REVIEW

The CM will receive and administer submittal reviews. Jones Edmunds will review and issue comments on project submittals. Jones Edmunds will review a maximum of 15 original submittals and one re-submittal. Submittals will be returned to the CM marked as rejected if the submittal does not meet the specified requirements, deviations are not clearly identified, or a substitute material is requested without the specified documentation.

TASK 4.3 SUBSTANTIAL AND FINAL COMPLETION, AS-BUILTS DRAWINGS, AND FDEP CERTIFICATION OF CONSTRUCTION COMPLETION

The Substantial Completion walk-through will be scheduled and coordinated with the CM. The Jones Edmunds' lead structural and electrical engineers will attend the Substantial Completion walk-through. Jones Edmunds will assist the CM in preparing a punch list. Jones Edmunds will need a minimum of 7 days' notice to attend the Substantial Completion. The Final Completion walk-through will be performed by the CM. Record drawings will be assembled by the CM for review and comment by the Engineer. Upon completion of the work, the Certification of Construction Completion will be sent to FDEP to document the changes to the transfer station.

Deliverables: Jones Edmunds will submit one pdf copy and one hard copy of the appropriate documents related to the above work to the CM and Florida Department of Environmental Protection (FDEP).

SCHEDULE

Jones Edmunds will begin work on this project on receipt of a Notice to Proceed (NTP) from the County. The schedule for this project is shown as calendar days and will be based on mutual agreement between the County and Jones Edmunds. Preliminarily, the project tasks are estimated to be completed as follows:

Task	Calendar Days	Date
Kickoff Meeting/Site Visit	14 days from NTP	
30% Concept Design	60 days from NTP	
75% Design Submittal	60 days from 30%Submittal	
100% Design Submittal	45 days from 75% Submittal	
Final Design Submittal	30 days from 100% Submittal	
Total Days	209 (excludes time for County Reviews)	

FEE ESTIMATE

Task	Amount
Task 1 – Design Services	\$80,860
Task 2 – Construction Documents	\$98,740
Task 3 – Bid Phase Assistance to the CM	\$5,540
Task 4 – Construction Phase Assistance to the CM	\$38,590
LUMP SUM TOTAL	\$223,730

COMPENSATION AND INVOICING

The *total estimated fee* amount shall be available for all tasks under the Scope of Services for this project. Individual line-item fees are estimates only, and project invoicing shall be compared to the total estimated fee and not individual line-item fee estimates. Fees shall be available to all aspects of this project and the needs of Marion County.

The project will be invoiced on a lump-sum basis.

Work for these services is specifically listed in this document. Services beyond the Scope of Services or those requiring effort beyond the Fee Estimate may require an additional or separate Work Order.

EXCLUSIONS AND LIMITATIONS

The following are specific exclusions to and conditions of this Work Order:

1. The County will coordinate with the CM to minimize impacts to operations as a result of daily construction activities.
2. The CM will lead the procurement process to include performing legal review, advertisement, performing bid maintenance, receiving bidder questions, distributing engineer’s responses to bidder questions, receiving bids, releasing notice of award, and attending BOCC meetings.
3. The CM will lead the construction phase to include contract administration, which includes performing preliminary reviews of submittals and test results, coordinating daily with the contractor, scheduling site visits, running progress meetings, and attending County meetings.
4. FDEP permitting is limited to a letter notifying them of the intended repairs and submittal of as-built drawings as part of the Certification of Construction Completion.
5. Construction cost estimating and project schedule will be provided by the CM.
6. If needed, surveying of the tipping floor will be provided by the County’s pre-approved surveyor.
7. No geotechnical or investigations other than visual are included.

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8. The CM will arrange for and coordinate with an independent testing laboratory for materials and welding compliance testing and pay associated testing fees.
9. Work included in this proposal is limited to items specifically presented in this proposal.

We look forward to working with you on this project. If you have any questions or comments, please contact me at (352) 377-5821 or MHadlock@jonesedmunds.com.

Sincerely,



Mark Hadlock, PE
Senior Engineer
13545 Progress Boulevard, Suite 100
Alachua, FL 32615

Attachments: Fee Estimate
June 4, 2024, Baseline Transfer Station Damage Evaluation

DRAFT

Fee Estimate

**MARION COUNTY
TRANSFER STATION REPAIRS
JONES EDMUNDS OPPORTUNITY NO. 95443-227-24**

Exhibit A - Proposal



FEE ESTIMATE

TASK	HOURS										Labor Fee	Sub-consultants	TOTALS
	Project Officer	Sr. Project Manager	Project Engineer	Engineer Intern	Senior CADD Designer	Sr. Const. Administrator	Const. Coordinator	Construction Field Rep	Sr. Admin Assistant Admin.	Labor Hours			
Standard Rate	\$240	\$205	\$170	\$100	\$115	\$150	\$70	\$105	\$85				
TASK 1 - Design Services													
Project Kickoff Meeting and Site Visit	1	4	4	4					2	15.00	\$ 2,310		\$ 2,310
30% Hopper Repair Concept Drawings Option 1 - Steel Repair & Option 2- Concrete Repair (GSE sub)	1	4	8	4	4					21.00	\$ 3,280	\$ 12,650	\$ 15,930
Complete Design Option 1 - Steel Repair (GSE sub)		4	8	4	4					20.00	\$ 3,040	\$ 9,545	\$ 12,585
Complete Option 2- Concrete Repair (GSE sub)		4	8	4	4					20.00	\$ 3,040	\$ 20,125	\$ 23,165
Items 2-8 Concept Drawings (GSE and Spellicy subconsultants)	4	16	24	24	40					108.00	\$ 15,320	\$ 6,900	\$ 22,220
Review Meeting		4	4	4					2	14.00	\$ 2,070		\$ 2,070
Incorporate County Comments		2	4	4		8			2	20.00	\$ 2,580		\$ 2,580
Subtotal Task 1	6.00	38.00	60.00	48.00	60.00	0.00	0.00	0.00	6.00	218.00	\$ 31,640	\$ 49,220	\$ 80,860
TASK 2 - Construction Documents													
75% Design Development													
Drawings													
G1 COVER SHEET			1	1	4					6.00	\$ 730		\$ 730
G2 DRAWING INDEX, GENERAL NOTES, AND ABBREVIATIONS			2	2	4					8.00	\$ 1,000		\$ 1,000
G3 EXISTING UTILITIES PLAN			2	2	4					8.00	\$ 1,000		\$ 1,000
C1 SITE PLAN/KEY MAP		1	2	4	4					11.00	\$ 1,405		\$ 1,405
C2 TIPPING FLOOR GRADING PLAN		2	8	8	8					26.00	\$ 3,490		\$ 3,490
C3 DEMOLITION PLAN – HOPPER		1	4	4	4					13.00	\$ 1,745		\$ 1,745
C4 DEMOLITION PLAN – OTHER SYSTEMS (TBD)		1	4	4	4					13.00	\$ 1,745		\$ 1,745
C5 DEMOLITION DETAILS AND PHOTOGRAPHS		1	4	4	6					15.00	\$ 1,975		\$ 1,975
C6 DEMOLITION DETAILS AND PHOTOGRAPHS		1	4	4	6					15.00	\$ 1,975		\$ 1,975
C7 DEMOLITION DETAILS AND PHOTOGRAPHS		1	4	4	6					15.00	\$ 1,975		\$ 1,975
C8 LEACHATE DRAINAGE SYSTEM IMPROVEMENTS AND DETAILS		1	4	4	4					13.00	\$ 1,745		\$ 1,745
C9 SCALE/ WEIGHT SYSTEM PLAN AND DETAILS		1	4	4	4					13.00	\$ 1,745		\$ 1,745
C10 FIRE PROTECTION & LIFE SAFETY PLAN		2	8	8	8					26.00	\$ 3,490		\$ 3,490
S1 STRUCTURAL NOTES (GSE)			1	1	2					4.00	\$ 500	\$ 4,025	\$ 4,525
S2 STRUCTURAL PLAN –LOADING HOPPERS (GSE)			1	1	2					4.00	\$ 500		\$ 500
S3 STRUCTURAL PLAN –TIPPING FLOOR (GSE)			1	1	2					4.00	\$ 500		\$ 500
S4 STRUCTURAL PLAN –TUNNEL LEVEL (GSE)			1	1	2					4.00	\$ 500		\$ 500
S5 STRUCTURAL DETAILS – LOADING HOPPERS (GSE)			1	1	2					4.00	\$ 500		\$ 500
S6 STRUCTURAL DETAILS – TIPPING FLOOR (GSE)			1	1	2					4.00	\$ 500		\$ 500
S7 STRUCTURAL DETAILS – TUNNEL LEVEL (GSE)			1	1	2					4.00	\$ 500		\$ 500
S8 STRUCTURAL DETAILS – SCALE/WEIGHT SYSTEM (GSE)			1	1	2					4.00	\$ 500		\$ 500

**MARION COUNTY
TRANSFER STATION REPAIRS
JONES EDMUNDS OPPORTUNITY NO. 95443-227-24**

Exhibit A - Proposal



FEE ESTIMATE

TASK	HOURS											COSTS	TOTALS
	Project Officer	Sr. Project Manager	Project Engineer	Engineer Intern	Senior CADD Designer	Sr. Const. Administrator	Const. Coordinator	Construction Field Rep	Sr. Admin Assistant Admin.	Labor Hours	Labor Fee		
Standard Rate	\$240	\$205	\$170	\$100	\$115	\$150	\$70	\$105	\$85				
E1 ELECTRICAL NOTES (Spellicy)			1	1	2					4.00	\$ 500	\$ 8,625	\$ 9,125
E2 ELECTRICAL SITE PLAN AND DETAILS (Spellicy)			1	1	2					4.00	\$ 500		\$ 500
E3 LIGHTING PLAN- TIPPING FLOOR (Spellicy)			1	1	2					4.00	\$ 500		\$ 500
E4 LIGHTING PLAN- TUNNEL LEVEL (Spellicy)			1	1	2					4.00	\$ 500		\$ 500
E5 ONE-LINE DIAGRAM (Spellicy)			1	1	2					4.00	\$ 500		\$ 500
Technical Specifications		2	8	12					8	30.00	\$ 3,650		\$ 3,650
Quality Control Process/ Internal reviews	8	8	4	4	8				4	36.00	\$ 5,900		\$ 5,900
Submittal Production			1	2	4				4	11.00	\$ 1,170		\$ 1,170
75% Review Meeting (onsite, subs by video)		4		4					2	10.00	\$ 1,390		\$ 1,390
Subtotal 75% Submittal	8.00	26.00	77.00	88.00	104.00	0.00	0.00	0.00	18.00	321.00	\$ 42,630	\$ 12,650	\$ 55,280
100% Design Development													
Drawings													
G1 COVER SHEET			1	1	2					4.00	\$ 500		\$ 500
G2 DRAWING INDEX, GENERAL NOTES, AND ABBREVIATIONS			1	1	2					4.00	\$ 500		\$ 500
G3 EXISTING UTILITIES PLAN			1	1	2					4.00	\$ 500		\$ 500
C1 SITE PLAN/KEY MAP		1	2	2	4					9.00	\$ 1,205		\$ 1,205
C2 TIPPING FLOOR GRADING PLAN		1	4	4	8					17.00	\$ 2,205		\$ 2,205
C3 DEMOLITION PLAN – HOPPER		1	2	2	4					9.00	\$ 1,205		\$ 1,205
C4 DEMOLITION PLAN – OTHER SYSTEMS (TBD)		1	2	2	4					9.00	\$ 1,205		\$ 1,205
C5 DEMOLITION DETAILS AND PHOTOGRAPHS		1	2	2	4					9.00	\$ 1,205		\$ 1,205
C6 DEMOLITION DETAILS AND PHOTOGRAPHS		1	2	2	4					9.00	\$ 1,205		\$ 1,205
C7 DEMOLITION DETAILS AND PHOTOGRAPHS		1	2	2	4					9.00	\$ 1,205		\$ 1,205
C8 LEACHATE DRAINAGE SYSTEM IMPROVEMENTS AND DETAILS		1	4	4	4					13.00	\$ 1,745		\$ 1,745
C9 SCALE/ WEIGHT SYSTEM PLAN AND DETAILS		1	4	4	4					13.00	\$ 1,745		\$ 1,745
C10 FIRE PROTECTION & LIFE SAFETY PLAN		1	4	4	4					13.00	\$ 1,745		\$ 1,745
S1 STRUCTURAL NOTES (GSE)			1	1	2					4.00	\$ 500	\$ 2,875	\$ 3,375
S2 STRUCTURAL PLAN –LOADING HOPPERS (GSE)			1	1	2					4.00	\$ 500		\$ 500
S3 STRUCTURAL PLAN –TIPPING FLOOR (GSE)			1	1	2					4.00	\$ 500		\$ 500
S4 STRUCTURAL PLAN –TUNNEL LEVEL (GSE)			1	1	2					4.00	\$ 500		\$ 500
S5 STRUCTURAL DETAILS – LOADING HOPPERS (GSE)			1	1	2					4.00	\$ 500		\$ 500
S6 STRUCTURAL DETAILS – TIPPING FLOOR (GSE)			1	1	2					4.00	\$ 500		\$ 500
S7 STRUCTURAL DETAILS – TUNNEL LEVEL (GSE)			1	1	1					3.00	\$ 385		\$ 385
S8 STRUCTURAL DETAILS – SCALE/WEIGHT SYSTEM (GSE)			1	1	1					3.00	\$ 385		\$ 385
E1 ELECTRICAL NOTES (Spellicy)			1	1	1					3.00	\$ 385	\$ 5,175	\$ 5,560

**MARION COUNTY
TRANSFER STATION REPAIRS
JONES EDMUNDS OPPORTUNITY NO. 95443-227-24**

Exhibit A - Proposal



FEE ESTIMATE

TASK	HOURS											COSTS	TOTALS
	Project Officer	Sr. Project Manager	Project Engineer	Engineer Intern	Senior CADD Designer	Sr. Const. Administrator	Const. Coordinator	Construction Field Rep	Sr. Admin Assistant Admin.	Labor Hours	Labor Fee		
Standard Rate	\$240	\$205	\$170	\$100	\$115	\$150	\$70	\$105	\$85				
E2 ELECTRICAL SITE PLAN AND DETAILS (Spellicy)			1	1	1					3.00	\$ 385		\$ 385
E3 LIGHTING PLAN- TIPPING FLOOR (Spellicy)			1	1	1					3.00	\$ 385		\$ 385
E4 LIGHTING PLAN- TUNNEL LEVEL (Spellicy)			1	1	1					3.00	\$ 385		\$ 385
E5 ONE-LINE DIAGRAM (Spellicy)			1	1	1					3.00	\$ 385		\$ 385
Technical Specifications		1	6	8					4	19.00	\$ 2,365		\$ 2,365
Quality Control Process/ Internal reviews	8	8	4	4	8				4	36.00	\$ 5,900		\$ 5,900
Submittal Production			1	2	4				4	11.00	\$ 1,170		\$ 1,170
100% Review Meeting (teleconference)		2	2	2					2	8.00	\$ 1,120		\$ 1,120
Develop Final Construction Package	1	2	4	4	8				4	23.00	\$ 2,990		\$ 2,990
Subtotal 100% Submittal	9.00	23.00	61.00	64.00	89.00	0.00	0.00	0.00	18.00	264.00	\$ 35,410	\$ 8,050	\$ 43,460
Subtotal Task 2	17.00	49.00	138.00	152.00	193.00	0.00	0.00	0.00	36.00	585.00	\$ 78,040	\$ 20,700	\$ 98,740
TASK 3 - Bid Phase Assistance to the CM													
Attend Pre-Bid Meeting		2	2	2					2	8.00	\$ 1,120		\$ 1,120
Respond to CM Questions	1	1	4	8	8				2	24.00	\$ 3,015		\$ 3,015
Prepare Conformed Documents		1	2	4	4					11.00	\$ 1,405		\$ 1,405
Subtotal Task 3	1.00	4.00	8.00	14.00	12.00	0.00	0.00	0.00	4.00	43.00	\$ 5,540	\$ -	\$ 5,540
TASK 4 - Construction Phase Assistance to the CM													
Pre-Construction Meeting		1	4	4		4	4			17.00	\$ 2,165		\$ 2,165
Submittal Review (15)		4	8	16		16	20			64.00	\$ 7,580	\$ 575	\$ 8,155
Test Reports Review (concrete and welding)		1	2	4						7.00	\$ 945	\$ 460	\$ 1,405
Respond to Requests for Information (RFI)		4	8	8	8	4	4			36.00	\$ 4,780		\$ 4,780
Onsite Observation (40 hrs total)							4	40		44.00	\$ 4,480	\$ 1,320	\$ 5,800
Progress Meetings (4 total)		8	16	8		8	8			48.00	\$ 6,920	\$ 1,150	\$ 8,070
RFIs and Field Orders		1	6	8		4	2			21.00	\$ 2,765		\$ 2,765
Review As-builts Provided by CM		1	2	2						5.00	\$ 745		\$ 745
FDEP Certification of Construction Completion			2	2					1	5.00	\$ 625		\$ 625
Substantial and Final Completion	2	2	8	8		2	1			23.00	\$ 3,420	\$ 660	\$ 4,080
Subtotal Task 4	2.00	22.00	56.00	60.00	8.00	38.00	43.00	40.00	1.00	270.00	\$ 34,425	\$ 4,165	\$ 38,590
PROJECT TOTAL	26.00	113.00	262.00	274.00	273.00	38.00	43.00	40.00	47.00	1,116.00	\$ 149,645	\$ 74,085	\$ 223,730

**June 4, 2024, Baseline Transfer Station
Damage Evaluation**

DRAFT

June 4, 2024

Mark Johnson
Director of Solid Waste
Marion County Board of County Commissioners
5601 SE 66th Street
Ocala, Florida 34480-9501

RE: Marion County Board of County Commissioners
Baseline Transfer Station Damage Evaluation
Jones Edmunds Project No.: 04205-001-01

Dear Mr. Johnson:

While evaluating the damage to the center loading hopper, a list of other items at the transfer station needing maintenance or repair was assembled. The list was developed using County Operations staff knowledge, visual observations, and Jones Edmunds' knowledge of the facility. Attachment 1 lists the maintenance items, and the areas highlighted yellow show completed items that were part the recent demolition project administered by Dinkins Construction. Attachment 2 summarizes the work performed and observations made as part of the demolition project. This report provides the structural engineer's observations and recommendations for proceeding with repairs to the center hopper.

Jones Edmunds' Scope of Services relating to the Dinkins demolition project was limited to the center hopper. Visual observations indicate that similar damage is likely present in the remaining two hoppers that were not included in the demolition project.

As a result of the demolition project, Jones Edmunds and our structural engineer subconsultant have a good understanding of how the center hopper should be reconstructed to perform better in future operations. However, this only addresses one of the three hoppers and none of the other concerns in Attachment 1. From a safety standpoint, the hoppers present a major source of risk to health and safety for Operations staff and transfer trucks/drivers. We recommend an assessment, design, and repair of all three hoppers as part of a combined effort to improve the operational safety and efficiency of the transfer station. The work on the hoppers could be staged so that one hopper always remains operational. By performing the work as a single multi-stage project, an economy of scale will be provided that will reduce the time and cost to complete the work.

Other items identified in Attachment 1 for repair relate to concrete and steel construction, including Item 2, Tunnel Pit Brushes; Item 3, Tipping Floor; Item 4, Push Walls; and Item 5,

Exhibit A - Proposal

Mark Johnson
June 4, 2024
Page 2

Transfer Station Metal. Including these items in a multi-stage project will provide additional economies of scale and savings in time and cost.

The structural engineer's report is provided as Attachment 2.

Please let me know when you are available to discuss this further.

Sincerely,



Mark Hadlock, PE
Senior Engineer
13545 Progress Boulevard, Suite 100
Alachua, Florida 32615

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Attachments: 1 - Maintenance Items List
2 - Work and Observations Summary

Attachment 1
Maintenance Items List

Attachment 1 – Baseline Transfer Station Summary of Maintenance and Repair Needs

1. Hoppers

- a. Remove/demolish the damaged cladding structure and other steel in and adjacent to the center hopper as needed, including the underlying concrete, to expose the extent of the damage.
- b. Collaborate with a Structural Engineer to perform a visual inspection of the exposed area including steel and concrete conditions, all three hoppers, the hopper end walls, and the knee walls on the tipping floor level.
- c. Repair the damaged concrete structures near and under the existing steel plates based on the Contractor's and Engineer's collaboration.
- d. Install a new steel plate in the center hopper similar to the original construction using bent corners rather than welded corners.
- e. Install new structural steel and a steel plate on the west side of the center hopper to direct waste into the transfer trailers.

2. Scale/Weight Management System

- a. The scale/weight management system located in the tunnels is used to load transfer trailers to the maximum capacity and so that legal weight limits are not exceeded.
- b. The scale system dates to the opening of the transfer station in 2003. The County was notified by the scale representative that the system is outdated, and parts and services will no longer be available by the end of 2024.
- c. The County should install a suitable replacement scale system that will provide service for the foreseeable future.

3. Tunnel Pit Brushes

- a. Replace all brushes on all three bays with rubber (conveyor-style) flaps to prevent spillage into the trailers.
- b. Demolish all brushes and steel supports in the three bay areas on the tunnel level.
- c. Replace brushes with rubber mat-material product.
- d. Replace steel supports as needed to install new rubber mats; removing the mounting structure may require torch cutting. Additional steel supports may be required along the entire perimeter of each bay for installing the mat material.
- e. Install new 12-inch rubber mat.
- f. Final positioning will be approved by the Owner.

4. Tipping Floor

- a. The Contractor will perform a limited survey to determine the amount wear to the concrete floor. This should be compared to the as-builts provided by the Engineer.
- b. Demolish and prepare the damaged tipping floor as needed to receive a new topping, returning the tipping floor to original/as-built elevation and slope.
- c. Repair the tipping floor using Emorytop the full width of the center hopper, approximately 60 feet, and east 125 feet (approximately 7,500 square feet), with a 2-inch minimum thickness.
- d. Install new steel reinforcing/rebar in areas of the floor where the rebar has been damaged.
- e. Repair the remaining portion of the tipping floor using 8,000 pound-per-square-inch (psi) silica fume and granite aggregate concrete (approximately 15,000 square feet), 2 to 4 inches thick.

Exhibit A - Proposal

- f. Install 30 linear feet of 8- to 12-inch trench drain into the tipping floor to replace the drop inlets and connect to the existing drain piping. Provide steel/iron grates to allow liquid in and keep debris out.

5. Push Wall

- a. Repair breaks and broken sections of the push wall on the south side of the building and in the southeast corner (angled wall) tied into the south pit, as needed.

6. Electrical

- a. Remove and replace electrical conduit and fixtures on the tunnel level to allow for structural repairs.
- b. Replace lighting fixtures on the tunnel level with light-emitting diode (LED) lights.
- c. Replace the high-bay lights with new LED fixtures on the tipping floor level.
- d. Install hardwiring of indicator displays on the tipping floor for each scale/bay. Plug connections are currently used, which frequently come loose due to vibrations.
- e. Repair the exhaust fans in the building.
- f. Replace the barrier-arm gate at the entrance to the transfer station. This gate needs to be remote-control operated from the loader. The gate or fence will need to be repositioned so that the gate comes close to the fence to keep vehicles from driving around the gate. This could possibly be a longer gate similar to Hysecurity StrongArm or Doorking 1602 Barrier Gate.
- g. Coordinate with Duke Energy to have powerlines placed underground on the exit road. This will require 320 feet of underground wiring; however, if an additional pole is installed, the length could be reduced to approximately 150 feet.

7. Transfer Station Metal Repairs

- a. Cover the opening/install new siding on the south side of the building previously used as a citizen drop-off area. Add structural support as necessary.
- b. Repair/replace the front east soffit.
- c. Replace translucent panels on the building.

8. Miscellaneous

- a. Pressure wash the inside and outside of the transfer station building and paint as needed.
- b. Replace electric washdown hose reels and hoses on the north side, south side, and tunnel level.
- c. Provide a 20-foot conex box with high security lock protector(s) on the ends with a single lockable man door. This will be placed on the south side of the building adjacent to where the hole in the building is. Install electricity to run lights, an air compressor, and light tools.
- d. Install 80 feet of 12- to 15-foot-tall pre-fabricated bunker/push wall to increase the storage capacity along the south side where the hole in the building is to allow for additional waste storage.
- e. Install a tinted drive-through freezer curtain-type apparatus to block morning glare.

Photograph of Underground Power Needed



Attachment 2
Work and Observations Summary



TECHNICAL MEMORANDUM

Demolition of Steel Plates All-Around the Middle Loading Bay/Trash Opening and Structural Recommendations for Replacement - Baseline Transfer Station, Marion County, FL

PREPARED FOR: Mark Hadlock, P.E. – Jones Edmunds and Associates, Inc.
PREPARED BY: Monrad Thue, P.E. (FL No. 32071)
REVIEWED BY: John Newcombe, P.E. (FL No. 93594)
GSE PROJECT No.: 16155A
DATE: June 3, 2024 *M. Thue*

Background Information:

GSE Engineering and Consulting, Inc. (GSE) was retained to inspect the demolition of steel protective plating on all sides of the middle bay trash-opening (hopper), and to provide recommendations for the replacement of the steel plating covering the front and side knee-walls around the middle bay hopper and the replacement of the back side deflector plates and secondary plate support framing for the middle bay hopper. These recommendations can be incorporated in a future design phase developing structural drawings for the replacement of steel plating around any of the three hoppers.

Demolition operations were performed by Dinkins Construction, and we met with Michael Hannah on April 8, 2024, to observe the on-going demolition. We spoke with Michael Hannah during the following two days of demolition (operations were completed on April 10, 2024). All demolition was carefully performed to ensure safety of the crews and to limit any damage to main supporting elements, such as concrete knee walls on the sides and inside face of the openings and the main steel framing on the back side of the openings. Attached to this memorandum are representative photographs of the demolition with captions describing the pictures.

In addition to our site visit, we were given the original structural documents S-2 and S-5 (from 2003) for the transfer station, and a structural detail sheet 3 of 4 (from 2004) showing barrier wall and deflector plate details. These documents show limited information on the overall framing of the metal building and other structural members that support the steel plates demolished and removed. These documents did provide adequate information to understand which structural members are considered main building members and which are considered secondary plate supports.

Evaluation of Damage and Demolition Operations:

Demolition operations proceeded safely and without any significant adverse structural issues. During the demolition process, the reinforced concrete knee-walls along the sides and front of the middle hopper were damaged at the embedded headed-stud connections located along the length of the 3/8" plating and along the lower inside corner. This damage can be repaired and will be detailed as part of the future design phase. The main steel framing for the building had no apparent damage. Any minor damage to main framing members found during future construction can be repaired at that time. This will include simple repairs such as adding stiffeners and other steel plates in isolated areas. The demolition operations appeared to meet the contractor's anticipated schedule.

The main causes of the damaged 3/8" protective plates over the concrete knee-walls can be attributed to excessive wear from routine operations. The original design's intent was to use all three hoppers equally to help balance wear and tear at individual hoppers. As part of normal operations, we understand the County determined that using the center bay was the most efficient way to load transfer trailers and to manage the tipping floor. Because of this, the center hopper was used most of the time and routine wear and tear from ongoing operations was focused on the center bay. This added wear and tear likely resulted in the observed failure of the welds and supporting steel. In addition, using the articulating knuckle boom for tamping the waste in the transfer trailers most likely resulted in the tamping head snagging on pieces of steel cladding as it was being retracted/lifted.

Structural Recommendations:

Based on our observations, we recommend that the County consider replacing the steel cladding and structural supports in all three bays with 1/2" steel plating. This will provide a more robust protective plating system and provide confidence in the safety of the transfer station, so the three hoppers are equally ready for use at any time. At the knee-walls, structural concrete repairs will be required prior to installation of new plating. These repairs will include adding reinforcing and structural mortar/grout to bring all walls back to their original cross section and strength. New plating will then be installed and anchored using post installed anchors spaced similarly to the original design and embedded between 6 and 8 inches into the concrete.

Along the back side, the new deflector plates can remain 3/8" thick, or can be increased to 1/2" for a more durable design. The necessary secondary framing will be very similar to the original design, with slight modifications to provide framing members along the horizontal seams between plates and enhance the support of all plate edges. Any design modifications from the original can be evaluated during the design process to provide the most durable solution at a reasonable cost.

During construction of the new secondary framing and plating, any unforeseen damage can be repaired with steel plates, stiffeners and/or field welding.

Exhibit A - Proposal

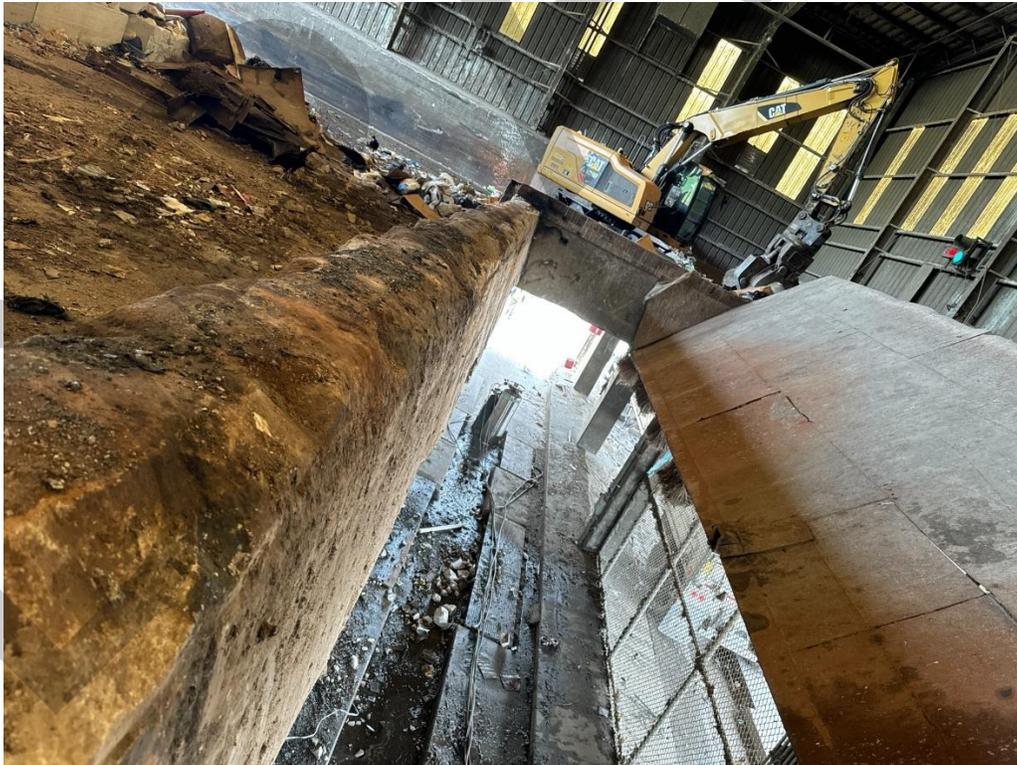
DRAFT

ATTACHMENTS

Exhibit A - Proposal



1. Underside Showing Concrete Wall Plate Removed at South End



2. Wall Plate Removed on Tipping Floor Side

Exhibit A - Proposal



3. Wall Plate Removed at End

Exhibit A - Proposal

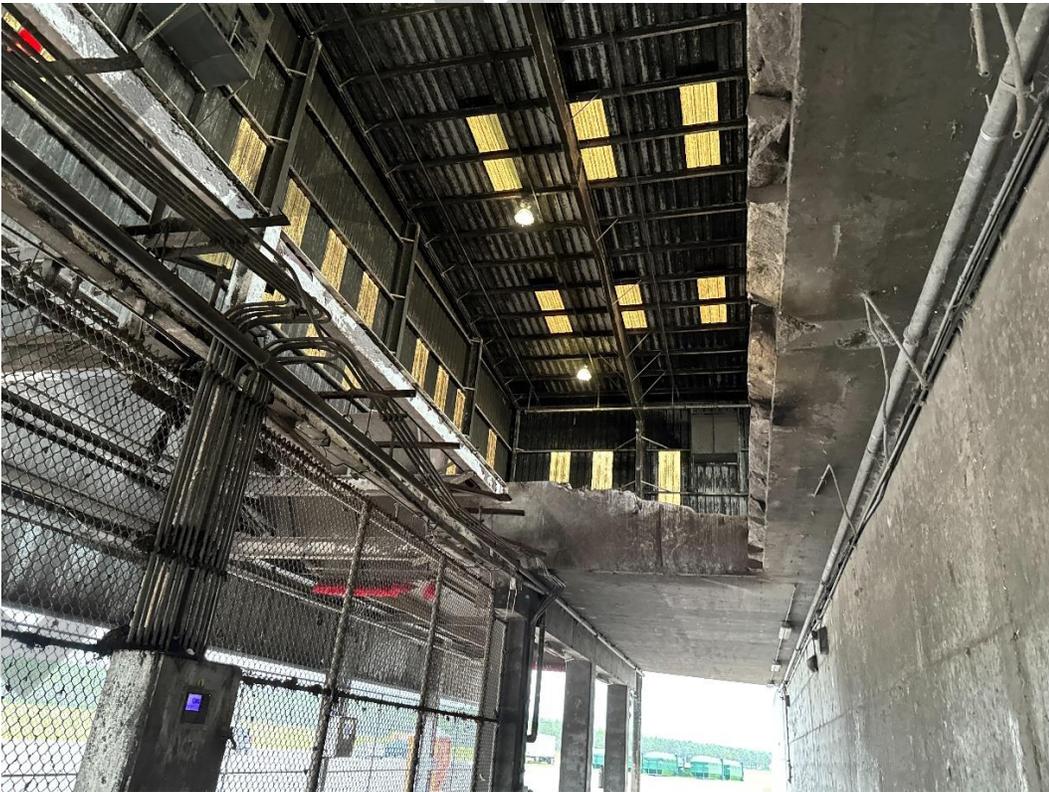


4. Starting Demolition on Back Side

Exhibit A - Proposal



5. Demolition Complete



6. Demolition Complete

Exhibit A - Proposal



7. Back Supporting Framing Undamaged