CONTRACT# 220118

CITY OF OCALA
CONTINUING PROFESSIONAL SERVICES CONTRACT WORK ORDER

TASK WORK ORDER NO: 26-05

EFFECTIVE DATE: 07/21/2026

DS PL
Contracting Officer Approval/Initials

Project Title: Design Relocation of FDOT Pond #3 (SR40)

To: ***Infrastructure Consulting and***
5550 W. Idlewild Avenue
Suite 115
Tampa FL 33634
813-330-2701
Attn: ***Mr. Doug Hambrecht, P.E.*** 850.510.5525 doug.hambrecht@ice-eng.com

FUNDING SOURCE:	FDOT: 341-050-743-542-54-31010	
	Match: 451-027-743-542-54-31010	
EXPENDITURE ACCOUNT NUMBER:	FDOT: 341-050-743-542-54-31010	Match: 451-027-743-542-54-31010

In accordance with your executed City Council Agreement, you are hereby authorized to commence the work outlined in the attached scope of work. The approved work order amount as a maximum limiting amount shall not to exceed **$ 157,711.13** .

Requested By: _____ **Date:** 6/30/2026
Department Director

Approved By: _____ **Date:** _____
Council President/City Manager

Exhibit 'A'

OCALA INTERNATIONAL AIRPORT

Relocation of FDOT Pond 3

DESIGN PHASE SERVICES

Contract # AIR/220118

Infrastructure Consulting and Engineering
5550 W. Idlewild Avenue
Suite 115
Tampa Florida 33634
P 813.330-2701

Exhibit "A" – SCOPE OF SERVICES
OCALA INTERNATIONAL AIRPORT
Relocation of FDOT Pond 3

SCOPE OF SERVICES
DESIGN PHASE SERVICES

INTRODUCTION

INFRASTRUCTURE CONSULTING & ENGINEERING PLCC (ICE) shall provide required professional services to design the **Relocation of FDOT Pond 3** project at the OCALA INTERNATIONAL AIRPORT and the CITY OF OCALA, FL. This work will be designed in accordance with the requirements of the Federal Aviation Administration (FAA), the Florida Department of Transportation (FDOT) and the Southwest Florida Water Management District (SWFWMD).

As part of the construction of SR 40, the FDOT constructed a stormwater pond (pond 3) on airport property that is located within a future access road construction area and is not conducive to future airport development plans. The goal of these services is to design and permit the relocation of this pond to be closer to SR 40. Also, provide legal description of easement for filing with the clerk of court and other legal agencies.

The work associated with this Scope includes the various tasks identified in herein which are necessary to provide Design Phase Services for the construction of this project.

Professional services to be provided by the consultant shall include the civil engineering services required to accomplish the following items:

TASK 1 – PRELIMINARY POND DESIGN

In the preliminary phase, the engineers with ICE will perform drainage calculations and provide a preliminary pond layout for review and approval prior to the Final Design and Permitting Phase. The following outline describes in greater detail the tasks and deliverables.

1) Obtain existing permit information for the FDOT Pond 3 from SWFWMD. This information will be reviewed to determine an approach to the pond design.
2) A topographic survey of the area (600 feet by 600 feet in size) will be conducted (by a subconsultant) where the proposed pond relocation is anticipated to be located.
3) Obtain preliminary geotechnical investigation (by a subconsultant) to consist of two (2) twenty-foot deep borings to determine the soil characteristics (permeability and porosity and depth to confining layer) at the pond site and anticipated groundwater conditions (including seasonal high groundwater levels). This information is needed to perform preliminary drainage calculations and pond sizing. Additional borings would be performed for the final design after approximate sizing has been determined. A report will be prepared documenting the results of the investigation.
4) A coordination meeting will be held with FDOT district 5 drainage engineer and another with

SWFWMD to determine the permitting and design requirements to be met with the relocated pond design.

5) Preliminary drainage calculations will be prepared including pond routing (using ICPR/Stormwise) to determine a preliminary pond size to meet SWFWMD, FDOT and City of Ocala stormwater criteria.

6) A coordination meeting with FDOT properties or the party responsible to discuss procedure for abandoning existing easement and generating new.

7) Deliverables: a technical memorandum of the preliminary pond sizing calculations will be prepared and a plan view graphic of the proposed relocated pond. This memorandum will be submitted to the client (and FDOT) for review and approval prior to proceeding with the final design and permitting phase. We will review and respond to any client comments.

TASK 2 – FINAL DESIGN & PERMITTING

Following approval of the preliminary design phase, the engineers with ICE will provide final design of the relocated pond, well-defined construction requirements to assure competitive construction bids, and obtain necessary permits from FDOT and SWFWMD. The following outline describes in greater detail the tasks and deliverables.

1) Four (4) additional twenty-foot (20) deep geotechnical borings will be obtained within the limits of the preliminary pond design. A report will be prepared documenting the results of the investigation for a final report.

2) Based upon the results of the final geotechnical report and the review from the preliminary phase, a final pond design layout and refinement of the drainage calculations will be performed. Any changes in the pond design layout will be provided to the client for review and approval before preparing construction documents.

3) Prepare construction plans (11”x17” size) for the proposed relocated pond design to include:
   a. Cover Sheet
   b. Drainage Map
   c. Topographic Survey/Existing Conditions
   d. General Notes sheet
   e. Demolition/Clearing & Grubbing Plan
   f. Summary of Quantities (with pay items and quantities)
   g. Pond Typical Sections
   h. Pond Plan Sheet
   i. Drainage Details (outfall structure if required)
   j. Construction Details
   k. Cross-Sections (at 100 feet intervals plus grade breaks) and earthwork
   l. Erosion Control/SWPPP

4) Permitting:
   a. Surface Water Environmental Resource Permit (SWERP) Modification – It is anticipated that a permit modification will be required to relocate the existing FDOT pond. ICE will prepare the application for this permit modification, submit the application (with client’s signature of the permit application) and coordinate/respond to SWFWMD for

questions asked (RFAI).

b. FDOT Permit – ICE will prepare a permit application as required by FDOT and provide appropriate permit forms and documentation and respond to comments/questions from FDOT.

5) Legal Description & Sketch – following completion of the permitting for this project, a legal description and sketch of the proposed relocated pond will be prepared (by survey subconsultant) for the client's use in conveying

6) Provide guidance and a construction cost based on estimated quantities.

7) Provide final design drawings, specifications, and detailed construction cost estimates.

8) Develop specifications using City specifications for construction or FDOT standards, whichever is appropriate.

9) Design all improvements in accordance with FDOT and City standards and guidelines.

10) Complete estimate of probable construction cost.

11) Solicit FDOT review.

12) Obtain a legal description from survey subconsultant for filing with the clerk of court.

13) Provide contract documents, technical specifications, and bid quantities.

14) Assist airport with interpretation of project requirements.

Submittals will be made at:

a. Preliminary
b. Final Documents

SCOPE PROVISIONS

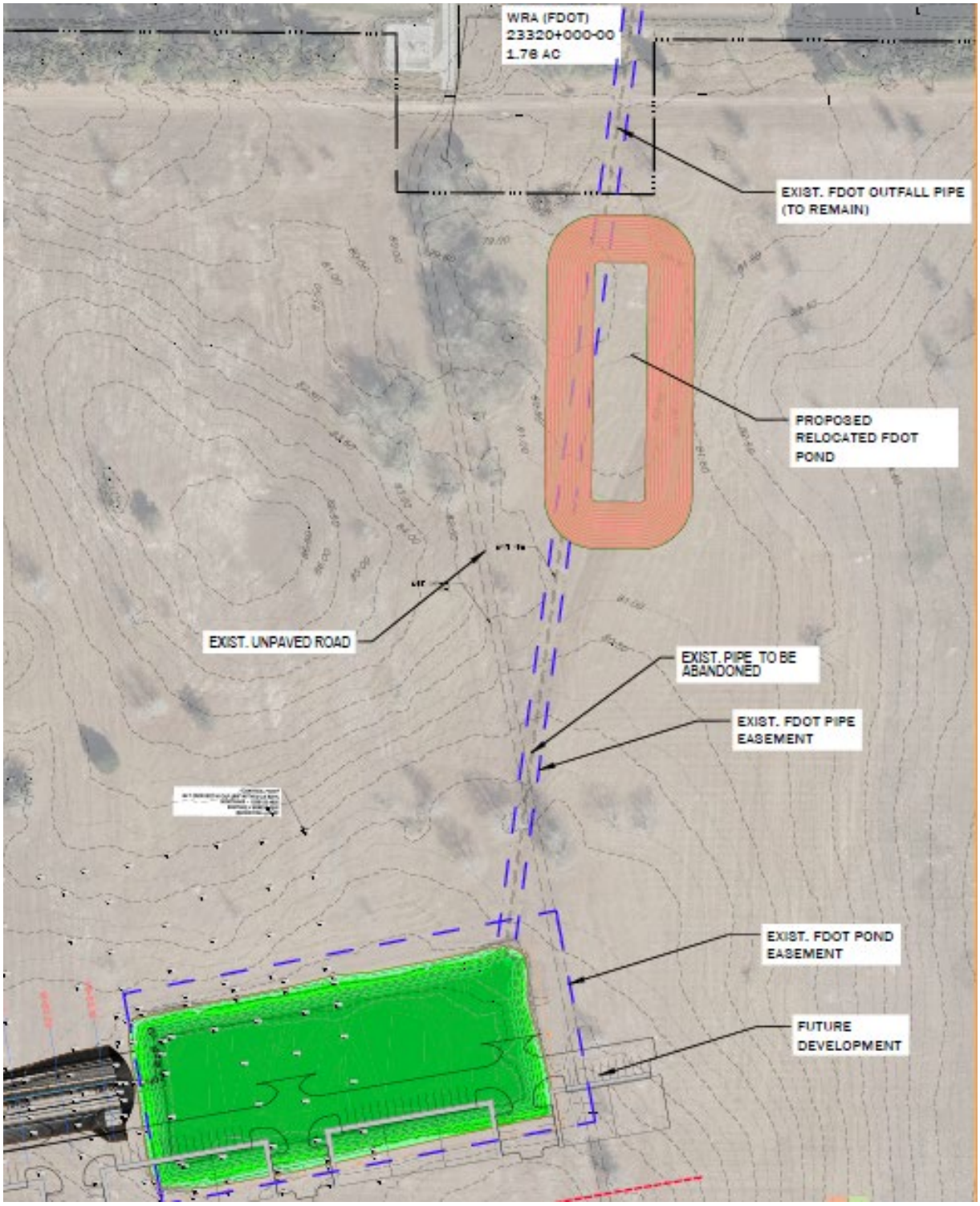
Due to the limited and precise nature of this project, the following services are assumed to not be anticipated as needed for the design phase services scope of work: Bidding Phase Services, Construction Phase Services, Construction Inspection Services. Future phased services shall be packaged under a separate scope and fee.

SCHEDULE

Task 1 – We estimate that the completion of Task 1 activities would be completed within four (4) months of the notice to proceed.

Task 2 – We estimate that the completion of Task 2 activites would be completed within eight (8) months after approval of Task 1.

CONCEPT EXHIBIT



END SCOPE OF WORK

INFRASTRUCTURE
CONSULTING & ENGINEERING

OCALA INTERNATIONAL AIRPORT/ CITY OF OCALA

FDOT Pond Relocation/Redesign

EXHIBIT "B"

Ocala International Airport

FEE SUMMARY

BASIC SERVICES

DESIGN	
TASK 1 - Preliminary Pond Design	$38,628.99
TASK 2 - Final Design & Permitting	$106,562.14
SUBTOTAL BASIC SERVICES :	**$145,191.13**
SUBCONSULTANT	
Survey	$4,590.00
Geotechnical	$7,930.00
TOTAL BASIC SERVICES :	**$157,711.13**

TOTAL PROFESSIONAL FEES (Lump Sum):	**$157,711.13**

EXHIBIT B				FDOT Pond 3 Relocation
OCALA INTERNATIONAL AIRPORT				
				TASK 1 - Preliminary Pond Design
MANHOUR AND FEE ESTIMATE				
Item/Task Description	Senior Project Manager	Engineer	Designer	Admin	Total Hours
	$317.30	$211.54	$135.23	$75.55	
Coordination with Subconsultants	4	2	2		8
Retrieve/gather existing permitting information for FDOT Pond 3 from SWFWMD and review.	2	10			12
Review topo survey information	1	4	3		8
Review Geotechnical Investigation	1	4			5
Prepare and meet with FDOT Drainage	6	12	2	1	21
Prepare and meet with SWFWMD	3	8	2	1	14
Preliminary Drainage Calculations	6	40	2		48
Total Hours:	23	80	11	2	116
Deliverables					
Technical Memorandum	8	24	16	6	54
Quality Control					0
Review and Meet w/Client, Incorporate Review Comments	4	4	2	2	12
Total Hours:	12	28	18	8	66
TOTAL HOURS	35	108	29	10	182
ICE LABOR COST TOTAL (Task 1)	$11,105.50	$22,846.32	$3,921.67	$755.50	**$38,628.99**

EXHIBIT B					FDOT Pond 3 Relocation
OCALA INTERNATIONAL AIRPORT					
					TASK 2 - Final Design & Permitting
MANHOUR AND FEE ESTIMATE					
	Senior Project				Total
Item/Task Description	Manager	Engineer	Designer	Admin	Hours
	$317.30	$211.54	$135.23	$75.55	
Coordination with Geotechnical subconsultant for Final Pond Borings	2	2		1	5
Finalize Drainage Calculations based upon final geotechnical borings	6	24	2		32
Revise Pond Design Layout	3	8	16		27
Incorporate Client Review Comments on pond layout	3	4	3		10
Update Technical Memo - for Final Pond Design	2	16	4	4	26
Prepare Quantity takeoffs for Final Estimate	2	8	12		22
Prepare Engineer's Estimate Of Probable Construction Cost (EOPC)	5	8		2	15
SWFWMD SWERP Modification (Prepare and answer RFAI's)	16	40	16	4	76
FDOT Permitting	16	40	4	4	64
Contract Documents, Technical Specs	10	12			22
Coordination w/FDOT, City	20	4		2	26
Quality Review	16				16
Total Hours:	101	166	57	17	341
Draft Deliverables					
Cover Sheet	1		2		3
Drainage Map	1	4	8		13
Topographic Survey/Existing Conditions	1	2	4		7
General Notes	1	3	6		10
Demolition/Clearing & Grubbing Plan	1	2	6		9
Summary of Quantities	2	4	8		14
Pond Typical Sections	1	2	6		9
Pond Plan	4	8	12		24
Drainage Details	2	4	16		22
Construction Details	1	2	8		11
Cross Sections	1	6	8		15
Erosion Control/SWPPP	1	4	8	4	17
Quality Review	4	8			12
Submit Design Development Documents (2 Copies)		3			3
Total Hours:	21	52	92	4	169
TOTAL HOURS	122	218	149	21	510
TOTAL ICE LABOR COST (Task 2)	$38,710.60	$46,115.72	$20,149.27	$1,586.55	**$106,562.14**

R.M. BARRINEAU
AND ASSOCIATES
PROFESSIONAL SURVEYORS & MAPPERS
Reginald M. Barrineau, P.S.M., Founded 1988

Oakhurst Professional Park + 1309 S.E. 25th Loop + Suite 103 + Ocala, Florida 34471
PHONE (352) 622-3133 + **FAX** (352) 369-3771 + rmbarrineau.com

March 16, 2026

Marty Morlan, PE
Infrastructure Consulting & Engineering
5550 W. Idlewild Ave., Suite 115
Tampa, FL 33634

RE: Proposal for Topographic Surveying Services for Relocation of FDOT Pond Adjacent to S.R. 40, Ocala International Airport

Dear Marty:

Thank you for your request. R.M. Barrineau and Associates Inc. will provide the following surveying services for the above-listed project in Ocala, Marion County, Florida. The following Scope of Services is based on your request.

Scope of Services:

1)Topographic Surveying Services: Fee: $ 4590.00

- The services will be completed in accordance with the Standards of Practice for Professional Surveyors and Mappers, as set forth in the Florida Administrative Code and the City of Ocala Land Development Code Standards. The project limits will be 600' X 600' on the northerly boundary of the Airport and the southerly Right of Way of S.R. 40 that is adjacent to the project limits.
- Prepare metes and bounds description, with Sketch for new FDOT Pond.
- Elevation grid will be 50' X 50' and all grade breaks, and elevation changes.
- Horizontal and vertical location of existing above ground improvements and evidence of subsurface utilities, inverts, pipes, rims.
- Horizontal and vertical location of the existing inlet/outfall pipe from S.R. 40 (FDOT structure S-33) to the existing FDOT pond.
- Horizontal and vertical location of the existing driveway on S.R. 40 (which is adjacent to a fenced utility area).
- Location of trees 4" and larger.
- Depict existing easements on Map of Survey.
- Horizontal control will be established by the Florida West State Plane Coordinate System and depicted on Map of Survey.
- Vertical control will be established by and tied to NAVD 88.
- TBM's will be set on site and referenced on Survey.
- Certified PDF print and CAD DWG 2026 FILE.

Schedule for Surveying Services:
Estimated to be completed 2 to 3 weeks from notice to proceed.

Terms of this proposal are valid for 30 days from date of proposal. If you have any questions regarding the proposal, please do not hesitate to contact our office. If the terms are acceptable, please email authorization to proceed and we will schedule the project. An invoice will be submitted upon completion of the project, with payment due in 30 days. Thank you for the opportunity to submit a proposal for this project.

Sincerely,
Diane Barrineau
Diane Barrineau, CFO
R.M. Barrineau and Associates, Inc.

Cal -Tech Testing, Inc.

- Engineering
- Geotechnical
- Environmental

LABORATORIES

P.O. Box 1625 • Lake City, FL 32056
Tel. (386) 755-3633 • Fax (386) 752-5456

450 SR 13N, Suite 106-308, Jacksonville, FL 32259
Tel. (904) 381-8901 • Fax (904) 381-8902

March 11, 2026

Mr. Marty Morlan, P.E.
Infrastructure Consulting & Engineering
5550 W. Idlewild Avenue, Suite 115
Tampa, Florida 33634

RE: Proposal for Geotechnical Eng Exploration & Field Soil Permeability Testing
Ocala International Airport, FDOT Stormwater Retention Pond Relocation
Ocala, Florida

Dear Mr. Marty Morlan, P.E.

Cal-Tech Testing, Inc. (CTTI) is pleased to submit this proposal to perform a geotechnical engineering exploration and field soil permeability testing for the proposed FDOT stormwater retention pond relocation at the Ocala International Airport in Ocala, Florida.

SITE AND PROJECT DESCRIPTION

Based on the information you provided to us, preliminary and final subsurface soil conditions, including soil permeability parameters, are required for the design of a 4-ft to 7-ft deep dry stormwater retention pond.

SCOPE OF SERVICES

Based on your request, our scope of services will consist of drilling two (2), 20-ft-deep, preliminary Standard Penetration Test (SPT) borings within the proposed stormwater retention pond footprint and performing two (2) field soil permeability tests next to the retention pond borings. Furthermore, we will remobilize for additional four (4), 20-ft-deep, SPT borings and associated four (4) field soil permeability tests will be performed after completion of the preliminary design.

Our field crew will lay out the boring location using a handheld GPS device and coordinates provided by you. The borings will be backfilled with soil cuttings at completion.

CTTI will contact the Florida Sunshine One Call system to get underground utilities located prior to mobilization.

CTTI will transport the boring soil samples to our laboratory for examination and visual classification by our engineer in general accordance with the Unified Soil Classification System.

At completion, we will prepare separate preliminary and final reports summarizing the field and laboratory work done and presenting the subsurface soil profile including groundwater depth, the estimated Seasonal High Groundwater Table (SHGWT), the soil unsaturated vertical and horizontal Hydraulic Conductivity, the soil porosity and depth to the confining layer.

ESTIMATED FEE

Based on the scope of services and presuming equipment accessibility to the boring locations without delay (i.e. vegetation clearance, etc. by others) the fees for our preliminary and final geotechnical engineering exploration and field soil permeability testing are as follows:

Preliminary Work

Sub Total $3,285.00

Final Work

SubTotal $4,645.00

Total = $7,930.00

Schedule

We anticipate that our preliminary and final field works will encompass one (1) working day each. Each report should be issued within 3 working days of completion of the field and laboratory work.

Limitations

The soil borings detailed in this proposal presumes standard geotechnical drilling and does not include provisions for drilling through or into contaminated material.

Authorization

If this proposal is acceptable, please authorize us to proceed with the proposed services by signing below and return to our office.

Closing

CTI appreciates the opportunity to provide this proposal and we look forward to serving you on this and future projects. Should you have any questions concerning this proposal, please do not hesitate to contact me at our Lake City, FL office (386) 755-3633.

Sincerely,

Cal-Tech Testing, Inc.

Ivan E. Marcano, MSCE, P.E.
Sr. Geotechnical Engineer

Mike Stalvey, Jr.
Vice-President

Proposal for Geotechnical Engineering Exploration & Field Soil Permeability Testing- Ocala International Airport, FDOT Stormwater Retention Pond Relocation, Ocala, Florida
Name of Representative (Print) Date Title: Representative Signature:

Certificate Of Completion

Envelope Id: 02AA0883-2AB2-8FE2-805C-6069E57D1D7E
Status: Completed
Subject: SIGNATURE:
Source Envelope:
Document Pages: 16
Signatures: 0
Certificate Pages: 1
Initials: 1
AutoNav: Enabled
EnvelopeId Stamping: Enabled
Time Zone: (UTC-05:00) Eastern Time (US & Canada)

Envelope Originator:
Patricia Lewis
110 SE Watula Avenue
City Hall, Third Floor
Ocala, FL 34471
plewis@ocalafl.org
IP Address: 216.255.240.104

Record Tracking

Status: Original
7/21/2026 1:52:08 PM
Holder: Patricia Lewis
plewis@ocalafl.org
Location: DocuSign
Security Appliance Status: Connected
Pool: StateLocal

Signer Events	Signature	Timestamp
Patricia Lewis plewis@ocalafl.org Senior Contract Specialist City of Ocala Security Level: Email, Account Authentication (None)	 Signature Adoption: Pre-selected Style Using IP Address: 216.255.240.104	Sent: 7/21/2026 1:53:04 PM Viewed: 7/21/2026 1:53:18 PM Signed: 7/21/2026 1:53:29 PM

Electronic Record and Signature Disclosure:
Not Offered via Docusign

In Person Signer Events	Signature	Timestamp

Editor Delivery Events	Status	Timestamp

Agent Delivery Events	Status	Timestamp

Intermediary Delivery Events	Status	Timestamp

Certified Delivery Events	Status	Timestamp

Carbon Copy Events	Status	Timestamp

Witness Events	Signature	Timestamp

Notary Events	Signature	Timestamp

Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	7/21/2026 1:53:04 PM
Certified Delivered	Security Checked	7/21/2026 1:53:18 PM
Signing Complete	Security Checked	7/21/2026 1:53:29 PM
Completed	Security Checked	7/21/2026 1:53:29 PM

Payment Events	Status	Timestamps