



Boca Raton Airport Authority
903 NW 35th Street
Boca Raton, Florida 33431
(561) 391-2202

ADDENDUM NO. 1

Date: Monday, March 25, 2024
Project Name: Airport Service Road Rehabilitation and Stormwater Improvements
Owner: Boca Raton Airport Authority
Owner Project No.: 2024-BRAA-02
Garver Project No. 23A33831

This addendum shall be a part of the Plans, Contract Documents and Specifications to the same extent as though it were originally included therein, and it shall supersede anything contained in the Plans, Contract Documents, and Specifications with which it might conflict. This addendum, including all attachments, shall become part of the Contract and all provisions of the Contract shall apply thereto. The time provided for completion of the Contract has not been changed as noted in this addendum. Acknowledgement of receipt of this addendum must be noted in the appropriate section of the Bid Form and included with the Contract Documents.

This addendum includes the following attachments:

- A. Pre-bid Conference sign-in sheet, agenda, and presentation.
- B. Questions and Answers No. 1.
- C. DRAWINGS
 - a. Remove the following drawings in their entirety, and replace with the same, attached hereto:
GI-002 – Sheet Index and Summary of Quantities
 - b. Insert the following drawings in their entirety, attached hereto:
CG-403 – Landside Stormwater Improvements – Control Structure Details
 - c. Increase all sheet numbers by one (1) beginning with Sheet XS-101 (Sheet Number 41).
- D. SPECIFICATIONS
 - a. Remove the following specifications sections in their entirety, and replace with the same, attached hereto (revisions are formatted in red for reference):
SS-280 – Operable Stormwater Control Structure

By: _____

David Gordon, P.E.

- A. Attachments:
 - 1. Prebid Conference Sign-In Sheet, Agenda, and Presentation
 - 2. Questions and Answers No. 1
- B. Drawings
 - 1. GI-002 – Sheet Index and Summary of Quantities
 - 2. CG-403 – Landside Stormwater Improvements – Control Structure Details



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903 NW 35th Street
Boca Raton, Florida 33431
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C. Specifications

1. SS-280 – Operable Stormwater Control Structure

END OF ADDENDUM NO. 1





SIGN-IN SHEET

Name	Representing	Phone #	Email
Lisa Birchfield (phone)	Roberts Traffic Marking	954-325-9657	Lisa@robertstraffic.com
Paul Emmans (phone)	Florida Blacktop, Inc.	954-410-3031	Paul@floridablacktopinc.com
Elena Arango (phone)	Ranger Construction Industries, Inc.	407-749-6266	estimating@rangerconstruction.com
Scott Kohut	BRAA Deputy Director	561-391-2022	scott@bocaairport.com
Travis Bryan	BRAA Airport Operations Director	561-391-2022	travis@bocaairport.com
Robert Pratt	BRAA Operations Coordinator	561-391-2022	robert@bocaairport.com
Hannah Oakland	BRAA Operations Coordinator	561-391-2022	hannah@bocaairport.com



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BCT Airport Service Road Rehabilitation and Stormwater Improvements Pre-Bid Agenda

To: Attendees **Date:** Tuesday, March 12, 2024
From: Garver **BRAA Project #:** 2024-BRAA-002

Nothing stated or distributed at this meeting will change the contract documents unless through written addendum.

1. Introductions and Sign-in Sheet
 - a. Boca Raton Airport Authority (BRAA)
 - i. Clara Bennett - Executive Director
 - ii. Scott Kohut – Deputy Director
 - iii. Travis Bryan – Airport Operations Director
 - b. Garver
 - i. David Gordon, PE, DAGordon@GarverUSA.com
 - ii. John Carrigan, PE, JWCarrigan@GarverUSA.com
2. Date, Time, and Place of Bid Opening
 - a. Bids will be received until **Wednesday, April 3, 2024** at 2:00 PM at the Boca Raton Airport Authority at 903 NW 35th Street, Boca Raton, FL 33431.
 - b. No bids will be accepted after bid time is called.
 - c. Reference instructions for Bidders for all bidding requirements.
 - i. Bidder's Checklist of Required Items (*Invitation to Bid*)
 - d. Bid proposals must be submitted on the forms provided by BRAA and accompanied by a bid security in the form of a certified check, cashier's check, money order or a bid bond submitted on the form provided, in favor of BRAA in the amount of not less than five percent (5%) of the bid price.
3. Bid Documents
 - a. Bid documents and addenda can be obtained by contacting Boca Raton Airport. Contact:
 - i. Travis Bryan, Airport Operations Director
903 NW 35th Street
Boca Raton, FL 33431
Phone (561) 391-2022
travis@bocaairport.com
 - b. Bid Form
 - i. Electronic bid form (Excel file) to be completed and printed to PDF and submitted with bid. PDF version will be the only accepted Bid Form.

- ii. It is recommended that bidders open and utilize the electronic bid form file sufficiently in advance of the bid submittal deadline so that any questions or issues with the file can be resolved before bids are due.

4. Project Description

a. Work Elements

b. Phasing

i. Work Hours

- 1. Day (non-runway closure phases) - Monday thru Friday, 7 AM – 7 PM
- 2. Night (runway closure phases) – Sunday thru Thursday, 9 PM – 7 AM

ii. Blackout periods

- 1. Thanksgiving – 11/23/24 thru 12/1/24
- 2. Christmas/New Years – 12/23/24 thru 1/1/25
- 3. President's Day – 2/14/25 thru 2/17/25
- 4. Other Holidays (1 day) – defined in front ends

c. Staging / Haul Route

5. Bid Alternates

6. Safety and Security Requirements

- a. Badging
- b. Escort Procedures
- c. Site Access

7. Permitting

- a. SFWMD permitting for the airside vehicle service road and stormwater improvements is in process.
- b. Permitting associated with the Bid Alternates and stormwater control structure modifications shall be conducted by the awarded contractor.
- c. Contractor is responsible for NPDES, SWPPP, and any required trade permits.
- d. Burrowing Owl permitting and construction phase services (including monitoring and/or collapsing of burrows) will be conducted by the Engineer.

8. DBE Participation Requirements

- a. Contract goal – 19.4%
- b. Refer to BRAA Form DBE004 for Good Faith Efforts

9. Other BRAA Administration Requirements

10. Bidder Questions / Addenda

- a. No interpretation of the Contract Documents will be made orally.

BCT Airport Service Road Rehabilitation and Stormwater Improvements
Pre-bid Meeting

- b. BRAA must receive written request for interpretation no later than **Tuesday March 19, 2024 at 2:00 PM** .
 - c. The final addenda, if necessary, will be issued no later than Wednesday, March 27, 2024.
- 11. Cone of Silence
 - a. Cone of Silence is in effect from the date of advertisement through contract award.
- 12. Site Visit

Nothing stated or distributed at this meeting will change the contract documents unless through written addendum.



BRAA-2024-002 Airport Service Road Rehabilitation
and Stormwater Improvements
Pre-bid Meeting
Tuesday, March 12, 2024

Agenda

- Introductions and Sign-in
- Bid Submittal Requirements
- Bid Documents
- Project Description
- DBE Requirements
- Site Visit

Introductions

- Boca Raton Airport Authority (BRAA) - Owner
 - Clara Bennett – Executive Director
 - Scott Kohut – Deputy Director
 - Travis Bryan – Airport Operations Director
- Garver – BRAA General Consultant / Project Engineer of Record
 - David Gordon, PE
 - John Carrigan, PE
 - Annya Grom

Bid Submittal Requirements

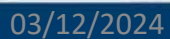
- Bids will be received until **Wednesday, April 3, 2024 at 2:00 PM** at the Boca Raton Airport Authority at 903 NW 35th Street, Boca Raton, FL 33431.
 - No bids will be accepted after bid time is called.
 - Reference instructions for Bidders for all bidding requirements.
- Bidder's Checklist of Required Items (Invitation to Bid)
 - Bid proposals must be submitted on the forms provided by BRAA and accompanied by a bid security in the form of a certified check, cashier's check, money order or a bid bond submitted on the form provided, in favor of BRAA in the amount of not less than five percent (5%) of the bid price.

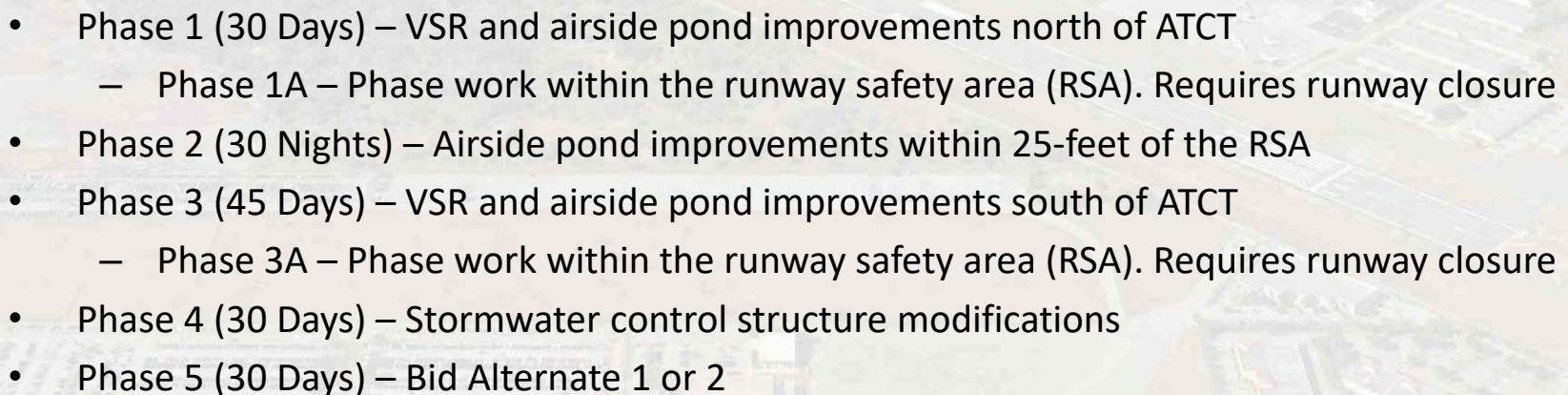
Bid Documents

- Bid documents and addenda can be obtained by contacting Boca Raton Airport. Contact:
 - Travis Bryan, Airport Operations Director
903 NW 35th Street
Boca Raton, FL 33431
Phone (561) 391-2022
travis@bocaairport.com
- Bid Form
 - Electronic bid form (Excel file) to be completed and printed to PDF and submitted with bid. PDF version will be the only accepted Bid Form.
 - It is recommended that bidders open and utilize the electronic bid form file sufficiently in advance of the bid submittal deadline so that any questions or issues with the file can be resolved before bids are due.

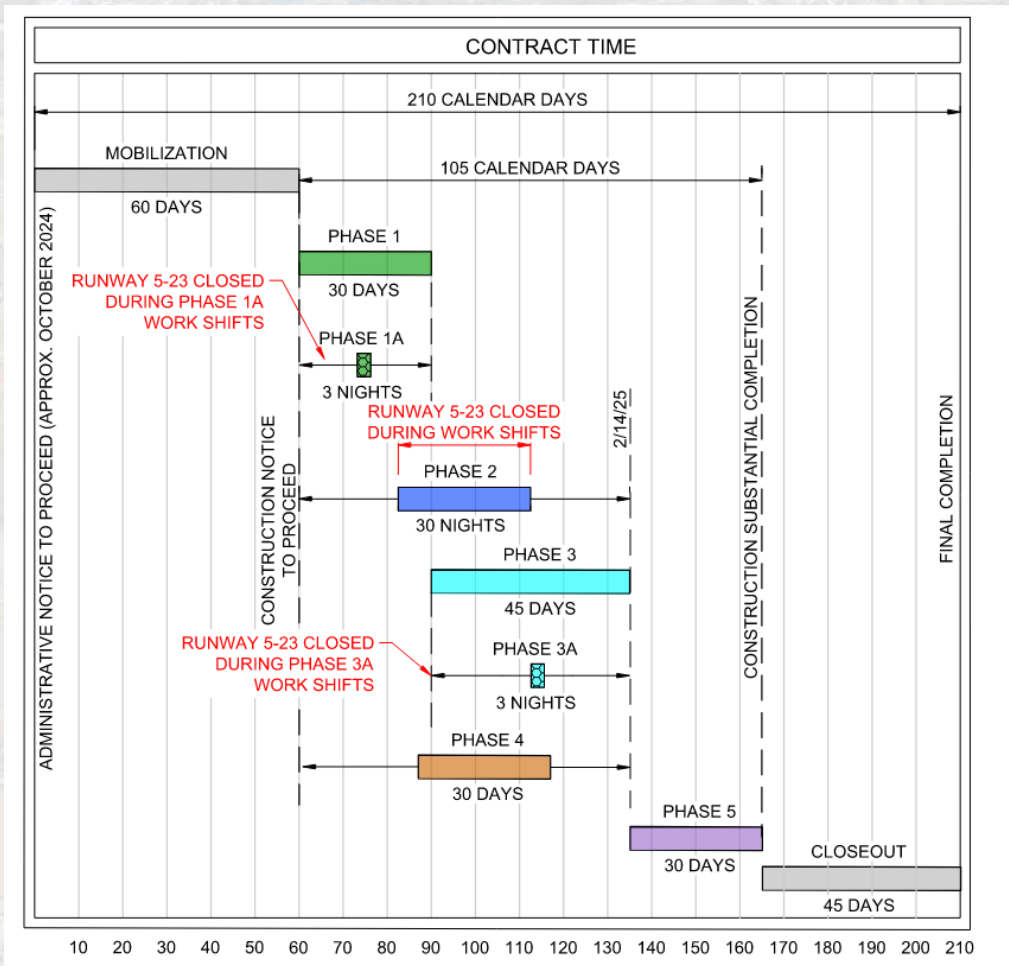
Project Description

- Project Elements
 - 4,200 SY of asphalt vehicle service road (VSR) 2" asphalt mill and 2" asphalt overlay
 - Includes +/- 2-feet to 3-feet VSR widening
 - 1,100 SY of full depth VSR asphalt pavement demolition
 - 5,000 SY of new VSR asphalt pavement construction
 - 11,000 CYD of earthwork
 - Including 7,400 CYD of borrow material from offsite
 - 9.2 acres of airside stormwater pond grading improvements
 - Modifications to the existing east and west airside pond slopes
 - Widening and extension of existing airside ponds
 - Miscellaneous stormwater structure and pipe improvement
 - Replacement of pipe
 - Demolition and removal of structures and pipe
 - 46,300 SY of sodding
 - 5,900 SF of pavement markings



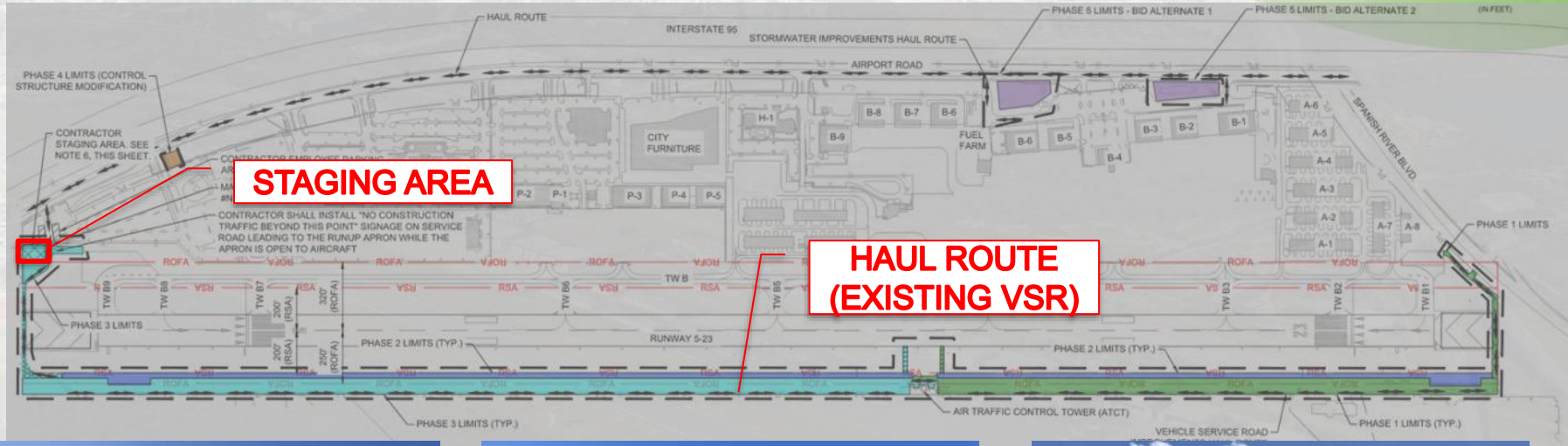


Phasing



- NTP anticipated in October 2024
- Blackout periods
 - Thanksgiving – 11/23/24 thru 12/1/24
 - Christmas/New Years – 12/23/24 thru 1/1/25
 - MLK Day – 1/20/25
 - President's Day – 2/17/25
 - Memorial Day – 5/26/25
- Airside pond grading work must be completed no later than February 14, 2025 to avoid work during Burrowing Owl nesting season

Staging Area / Haul Route



Staging Area

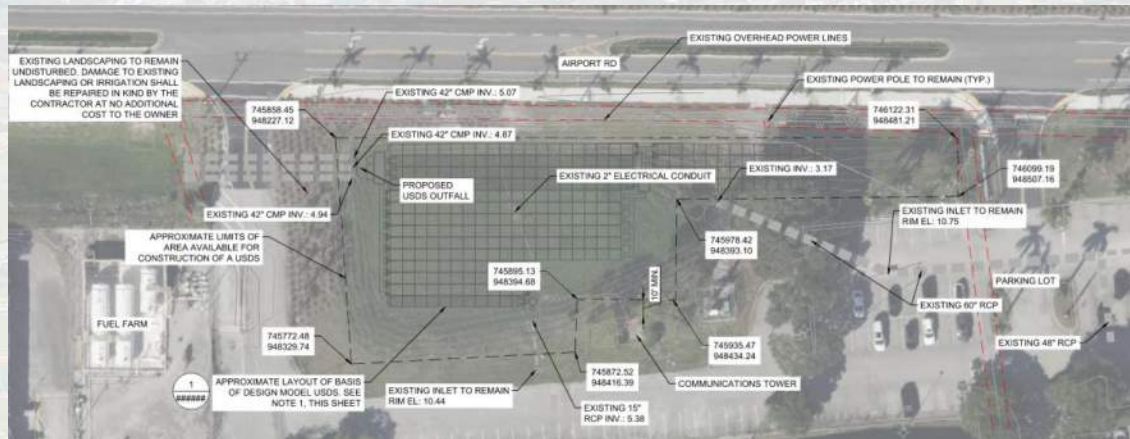


Staging Area

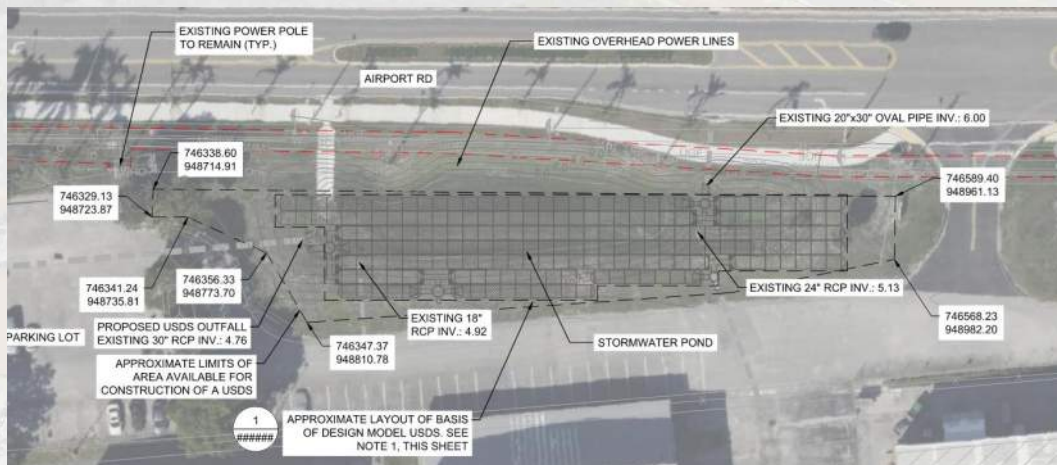


Existing VSR / Haul Route

Bid Alternates



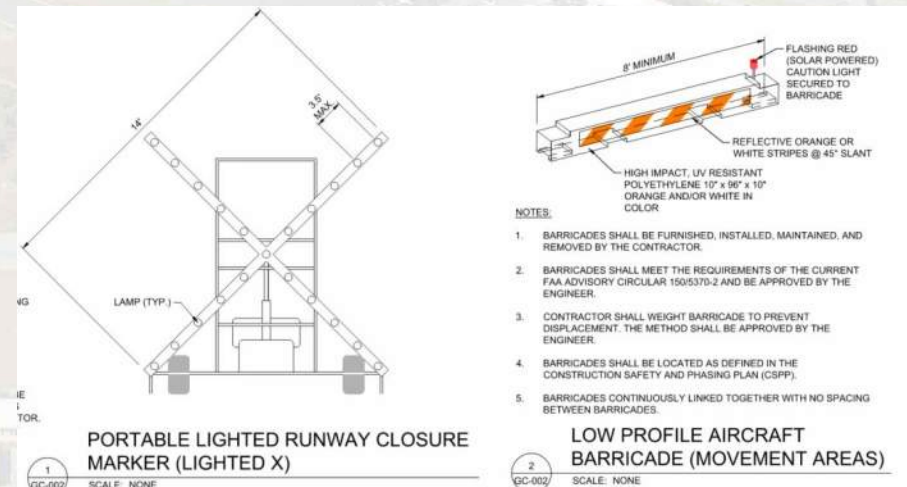
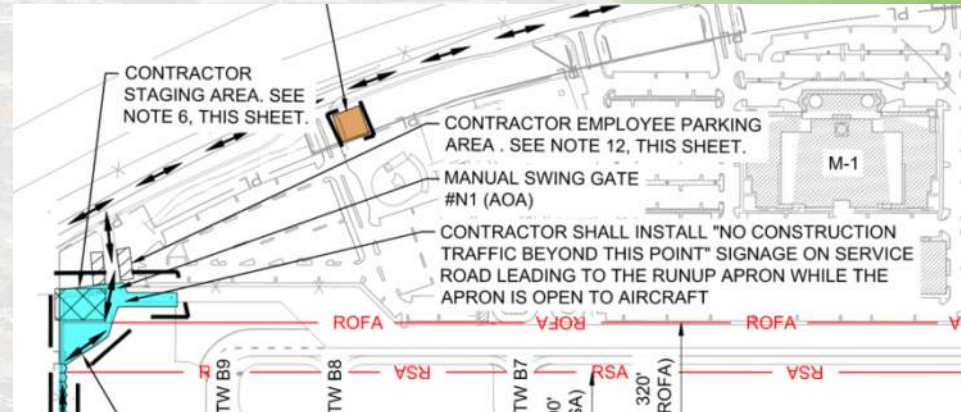
- Bid Alternate 1
 - +/- 56,000 CF underground stormwater storage chamber system
 - Basis of design – ADS StormTech MC-3500



- Bid Alternate 2
 - +/- 38,000 CF underground stormwater storage chamber system
 - Basis of design – ADS StormTech MC-3500

Safety and Security Requirements

- Badging
- Escort Procedures
- Site Access
- Airfield MOT
 - Lighted barricades
 - Runway closure devices (lighted X)
 - See CSPP plan sheets for proposed barricade layouts and requirements



Permitting

- South Florida Water Management District (SFWMD) permitting for the airside vehicle service road and stormwater improvements is in process.
- Permitting associated with the Bid Alternates and stormwater control structure modifications shall be conducted by the awarded contractor.
- Contractor is responsible for NPDES, SWPPP, and any required trade permits.
- Burrowing Owl permitting and construction phase services (including monitoring and/or collapsing of burrows) will be conducted by the Engineer.

DBE Requirements

- Contract goal – 19.4%
- Refer to BRAA Form DBE004 for Good Faith Efforts

Questions / Addenda

- No interpretation of the Contract Documents will be made orally, including statements made during the pre-bid meeting.
- BRAA must receive written request for interpretation no later than **Tuesday March 19, 2024 at 2:00 PM** .
- The final addenda, if necessary, will be issued no later than Wednesday, March 27, 2024.

Cone of Silence

- **Cone of Silence:** Pursuant to Section 20 “Procurement Code Cone of Silence” of the Procurement Code of the BRAA, and subject to any exceptions described therein, any verbal or written communication between a Proposer or any of its representatives, employees or agents and the BRAA or any of its members, or the Executive Director or any of the Executive Director’s staff consultants or agents regarding a solicitation is under a “cone of silence” and is strictly prohibited from the date of advertisement of the solicitation through the award of a contract or the final ranking of the Proposers, whichever occurs first. The following exceptions apply to the cone of silence set forth above:
 - 6.1. Any verbal or written communication between a Proposer or its representatives, employees or agents and the Authority or any of its members, or the Executive Director or any of Executive Director’s staff, consultants or agents regarding a solicitation is strictly prohibited from the date of advertisement of the solicitation through the award of a contract or the final ranking of respondents, whichever occurs first.
 - 6.2 The following exceptions apply to the cone of silence set forth above:
 - 6.2.1 The written response to the solicitation, including bids, proposals and letters of interest;
 - 6.2.2 Communications expressly allowed by the solicitation, including without limitation any interviews conducted during the solicitation evaluation;
 - 6.2.3 Any communication made pursuant to Sections 14, 15, or 16 of the BRAA Procurement Code;
 - 6.2.4 Any communication made with Airport Legal Counsel; and
 - 6.2.5 Any communications made on the record at a public noticed meeting of the Board.

Non-Mandatory Site Visit

- A site visit following the pre-bid meeting will be conducted for project areas within the security fence
- Stormwater control structure modifications work area and Bid Alternate 1 and 2 works areas are accessible to the public via Airport Road.





Boca Raton Airport Authority
903 NW 35th Street
Boca Raton, Florida 33431
(561) 391-2202

QUESTIONS AND ANSWERS No. 1

Date: Monday, March 25, 2024

For the Construction of Airport Service Road Rehabilitation and Stormwater Improvements

Owner: Boca Raton Airport Authority
Owner Project No. 2024-BRAA-02
Garver Project No.: 23A33831

To All Plan holders and/or Prospective Bidders:

Question No.	Specification Section	Drawing/ Detail Number	Question	Response	Addendum Information
1.1	N/A	N/A	<i>Could your engineer please supply specific gate requirements and details so we can have a company make the gate?</i>	<i>Refer to Sheet CG-403 issued with this addendum for details of the stormwater control structure modifications. National Stormwater Trust, Inc. (NST) will provide proprietary Continuous Monitoring and Adaptive Control (CMAC) system components. The Contractor is responsible for all costs associated with procurement and installation of all necessary CMAC components as determined by NST to provide a complete and operational CMAC system and operable control structure weir.</i>	<i>Refer to new Sheet CG-403 issued with this addendum for gate requirements.</i>
1.2	N/A	N/A	<i>Do you have a contact for National Stormwater Trust, Inc.?</i>	<i>The NST contact engaged with this project is: Mark Thomasson, PE, 850-510-2226, MPT@nationalstormwater.com</i>	<i>None</i>

Question No.	Specification Section	Drawing/ Detail Number	Question	Response	Addendum Information
1.3	N/A	N/A	<i>Is a 3A Major roads license sufficient to bid the job or does it require a GC License?</i>	<i>Article 11 of the Contract Documents states, "It is CONTRACTOR's responsibility to have and maintain appropriate Certificate(s) of Competency, valid for the Work to be performed and valid for the jurisdiction in which the Work is to be performed..." Your question references examples that may be suitable, but there are others. The BRAA does not aim to provide an exhaustive list of required certificates. Instead, contractors are expected to comply with Article 11 as determined suitable by BRAA. Documentation shall be included in your response.</i>	<i>None</i>

END OF QUESTIONS AND ANSWERS

File: L:\2023\23A33831 - BCT Service Road Rehab-Stormwater Imp\Drawings\BCT_SR_RHB-GI-001.dwg Last Save: 3/21/2024 10:44 AM Last saved by: AGrom
Last plotted by: Grom, Anna (Annya) Plot Style: AECmono.ctb Plot Scale: 1:1 Plot Date: 3/25/2024 2:50 PM Plotter used: DWG To PDF.pc3

INDEX OF DRAWINGS	
SHEET NUMBER	SHEET TITLE
GI-001	COVER SHEET
GI-002	SHEET INDEX AND SUMMARY OF QUANTITIES
GI-101	PROJECT LAYOUT PLAN
GI-201	SURVEY CONTROL PLAN
GC-001	GENERAL NOTES 1
GC-002	GENERAL NOTES 2
GC-100	CONSTRUCTION PHASING PLAN - OVERVIEW
GC-101	CONSTRUCTION PHASING PLAN - PHASE 1
GC-102	CONSTRUCTION PHASING PLAN - PHASE 2
GC-103	CONSTRUCTION PHASING PLAN - PHASE 3
GC-104	CONSTRUCTION PHASING PLAN - PHASE 4
GC-105	CONSTRUCTION PHASING PLAN - PHASE 5
GC-106	CONSTRUCTION SAFETY AND PHASING PLAN 1
GC-107	CONSTRUCTION SAFETY AND PHASING PLAN 2
CE-101	EROSION CONTROL PLAN 1
CE-102	EROSION CONTROL PLAN 2
CE-103	EROSION CONTROL PLAN 3
CE-201	EROSION CONTROL DETAILS 1
CP-001	OVERALL KEY MAP
CP-101	PAVEMENT REHABILITATION PLAN 1
CP-102	PAVEMENT REHABILITATION PLAN 2
CP-103	PAVEMENT REHABILITATION PLAN 3
CP-104	PAVEMENT REHABILITATION PLAN 4
CP-105	PAVEMENT REHABILITATION PLAN 5
CP-106	PAVEMENT REHABILITATION PLAN 6
CP-107	PAVEMENT REHABILITATION PLAN 7
CP-200	PAVEMENT REHABILITATION DETAILS 1
CP-201	PAVEMENT REHABILITATION DETAILS 2
CP-202	PAVEMENT REHABILITATION DETAILS 3
CP-203	VSR REALIGNMENT PROFILES
CG-101	AIRSIDE GRADING AND DRAINAGE PLAN 1
CG-102	AIRSIDE GRADING AND DRAINAGE PLAN 2
CG-103	AIRSIDE GRADING AND DRAINAGE PLAN 3
CG-104	AIRSIDE GRADING AND DRAINAGE PLAN 4
CG-105	AIRSIDE GRADING AND DRAINAGE PLAN 5
CG-106	AIRSIDE GRADING AND DRAINAGE PLAN 6
CG-107	AIRSIDE GRADING AND DRAINAGE PLAN 7
CG-201	AIRSIDE GRADING AND DRAINAGE DETAILS
CG-401	LANDSIDE STORMWATER IMPROVEMENTS - SITE PLAN
CG-402	LANDSIDE STORMWATER IMPROVEMENTS - ELECTRICAL DETAILS
CG-403	LANDSIDE STORMWATER IMPROVEMENTS – CONTROL STRUCTURE DETAILS
XS-101	VSR CROSS SECTION 1
XS-102	VSR CROSS SECTION 2
XS-103	VSR CROSS SECTION 3

XS-104	VSR CROSS SECTION 4
XS-105	VSR CROSS SECTION 5
XS-106	VSR CROSS SECTION 6
XS-107	VSR CROSS SECTION 7
XS-108	VSR CROSS SECTION 8
XS-109	VSR CROSS SECTION 9
XS-110	VSR CROSS SECTION 10
XS-111	VSR CROSS SECTION 11
XS-112	VSR CROSS SECTION 12
XS-113	VSR CROSS SECTION 13
XS-114	VSR CROSS SECTION 14
XS-115	VSR CROSS SECTION 15
XS-116	VSR CROSS SECTION 16
XS-117	VSR CROSS SECTION 17
XS-118	VSR CROSS SECTION 18
XS-119	VSR CROSS SECTION 19
XS-120	VSR CROSS SECTION 20
XS-121	VSR CROSS SECTION 21
XS-122	VSR CROSS SECTION 22
XS-123	VSR CROSS SECTION 23
XS-124	VSR CROSS SECTION 24
XS-125	VSR CROSS SECTION 25
XS-126	VSR CROSS SECTION 26
XS-127	VSR CROSS SECTION 27
XS-128	VSR CROSS SECTION 28
XS-129	VSR CROSS SECTION 29
XS-130	VSR CROSS SECTION 30
XS-131	VSR CROSS SECTION 31
XS-132	VSR CROSS SECTION 32
XS-133	VSR CROSS SECTION 33
XS-134	VSR CROSS SECTION 34
BA-101	LANDSIDE STORMWATER IMPROVEMENTS PLAN - BID ALTERNATE 1
BA-102	LANDSIDE STORMWATER IMPROVEMENTS PLAN - BID ALTERNATE 2
BA-200	LANDSIDE STORMWATER IMPROVEMENTS (BID ALTERNATE) - NOTES
BA-201	LANDSIDE STORMWATER IMPROVEMENTS (BID ALTERNATE 1) - DETAILS 1
BA-202	LANDSIDE STORMWATER IMPROVEMENTS (BID ALTERNATE 1) - DETAILS 2
BA-203	LANDSIDE STORMWATER IMPROVEMENTS (BID ALTERNATE 2) - DETAILS 1
BA-204	LANDSIDE STORMWATER IMPROVEMENTS (BID ALTERNATE 2) - DETAILS 2
BA-205	LANDSIDE STORMWATER IMPROVEMENTS (BID ALTERNATE) - DETAILS 2
BA-206	LANDSIDE STORMWATER IMPROVEMENTS (BID ALTERNATE) - DETAILS 2
BA-207	LANDSIDE STORMWATER IMPROVEMENTS (BID ALTERNATE) - DETAILS 3

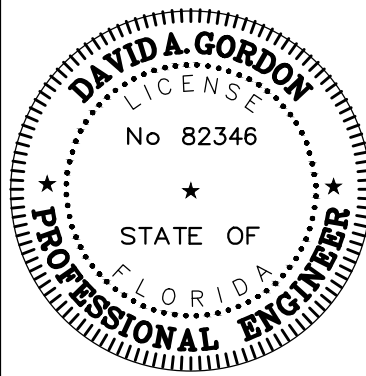
BASE BID				
ITEM NO.	SPEC. NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY
1	C-102-5.1	TEMPORARY EROSION CONTROL	LS	1
2	C-105-6.1	MOBILIZATION (MAXIMUM 10% OF TOTAL BID)	LS	1
3	P-101-5.1a	FULL DEPTH ASPHALT PAVEMENT SECTION REMOVAL	SY	1,100
4	P-101-5.1b	COLD MILLING (2")	SY	4,200
5	P-101-5.1c	VARIABLE DEPTH COLD MILLING (0" TO 2")	SY	400
6	P-101-5.1d	PIPE REMOVAL	LF	480
7	P-101-5.1e	MITERED END SECTION REMOVAL	EA	4
8	P-101-5.1f	INLET REMOVAL	EA	5
9	P-101-5.1g	ABANDONED FENCE POST FOOTING REMOVAL	EA	660
10	P-152-4.1a	UNCLASSIFIED EXCAVATION	CYD	3,400
11	P-152-4.1b	BORROW EXCAVATION (FROM OFFSITE)	CYD	7,400
12	P-152-4.1c	TOPSOIL STRIPPING (4")	AC	9.2
13	T-904-5.1	SODDING	SY	46,300
14	T-905-5.1	TOPSOIL (OBTAINED ON SITE OR REMOVED FROM STOCKPILE)	SY	46,300
15	L-110-5.1	CONCRETE ENCASED ELECTRICAL DUCT BANK, 6-WAY 4-INCH (SPARE)	LF	50
16	L-115-5.1	AIRFIELD ELECTRICAL HANDHOLE	EA	2
17	SS-110-4.3	TEMPORARY DEWATERING	LS	1
18	SS-110-4.4	12" LBR 40 STABILIZED SUBGRADE	SY	5,900
19	SS-110-4.5	REWORK EXISTING LIMEROCK BASE	SY	1,000
20	SS-110-4.6	6" OPTIONAL BASE COURSE (LIMEROCK OR RCA)	SY	4,900
21	SS-110-4.10a	2" BITUMINIOUS SURFACE COURSE (FDOT TYPE SP-12.5)	TON	1,300
22	SS-110-4.10b	4" BITUMINIOUS SURFACE COURSE (FDOT TYPE SP-12.5)	TON	900
23	SS-110-4.11a	24" CLASS III RCP	LF	305
24	SS-110-4.11b	24" MITERED END SECTION	EA	2
25	SS-110-4.12	REMOVE AND REPLACE ELECTRIC PULL BOX	EA	3
26	SS-110-4.13	AUTOMATIC VEHICLE GATE DETECTION LOOPS	LS	1
27	SS-110-4.14	NEW SIGN PANELS INSTALLED ON EXISTING FENCE	EA	2
28	SS-110-4.15	RAISED PAVEMENT MARKER	EA	350
29	SS-110-4.16a	ROADWAY PAVEMENT MARKINGS	SF	5,900
30	SS-110-4.16b	CONCRETE WHEEL STOP	EA	4
31	SS-120-3.1	CONSTRUCTION SAFETY AND SECURITY	LS	1
32	SS-280-4.1	STORMWATER CONTROL STRUCTURE MODIFICATIONS (COMPLETE)	LS	1

BID ALTERNATE 1				
ITEM NO.	SPEC. NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY
1	SS-275-4.1	UNDERGROUND STORMWATER DETENTION SYSTEM	LS	1

BID ALTERNATE 2				
ITEM NO.	SPEC. NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY
1	SS-275-4.1	UNDERGROUND STORMWATER DETENTION SYSTEM	LS	1



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THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY DAVID A. GORDON ON THE DATE ADJACENT TO THE SEAL.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

REV.	DATE	DESCRIPTION	BY
1	03/25/2024	ADDENDUM NO. 1	DAG

BOCA RATON AIRPORT
BOCA RATON, FLORIDA

AIRPORT SERVICE ROAD REHABILITATION
AND STORMWATER IMPROVEMENTS

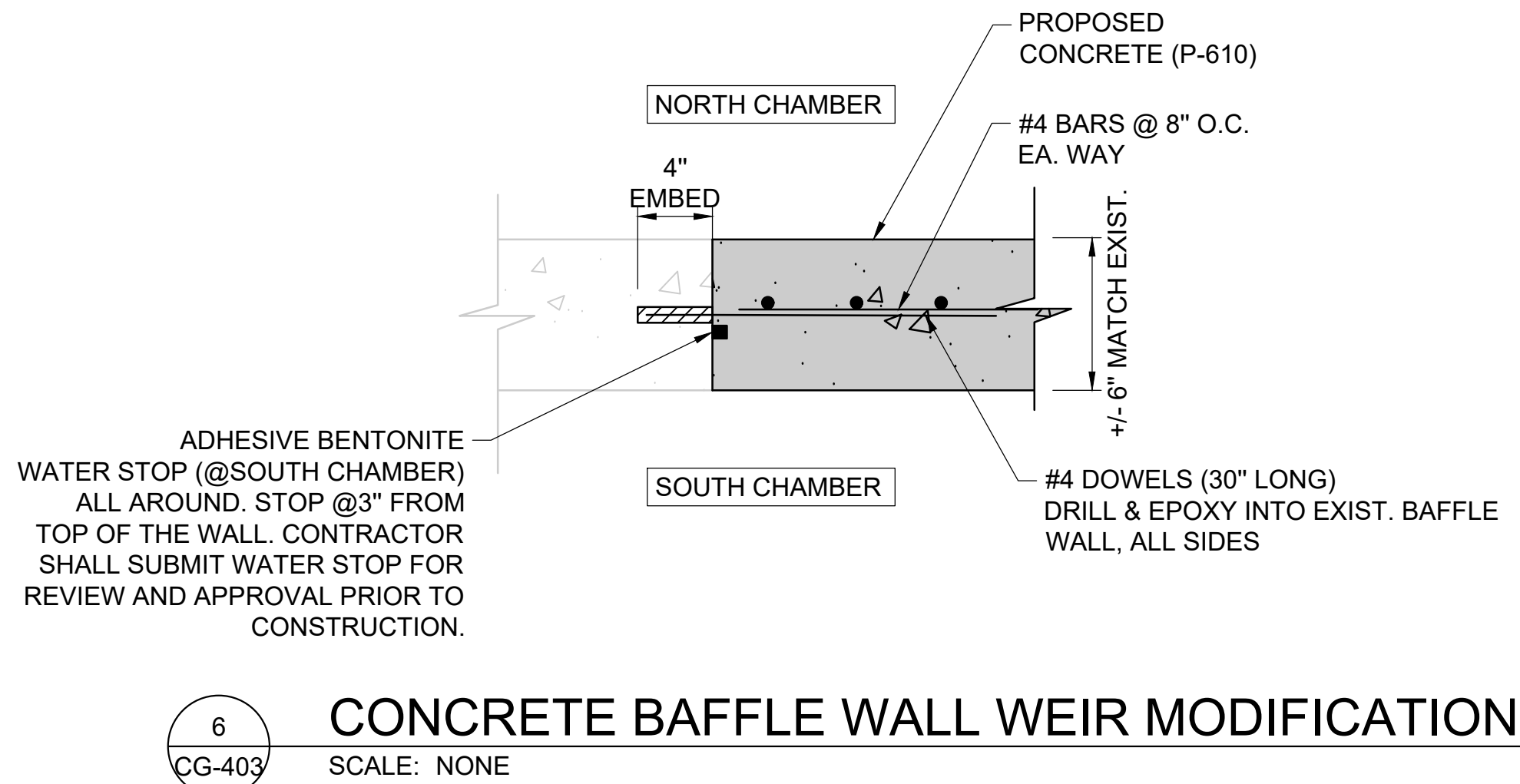
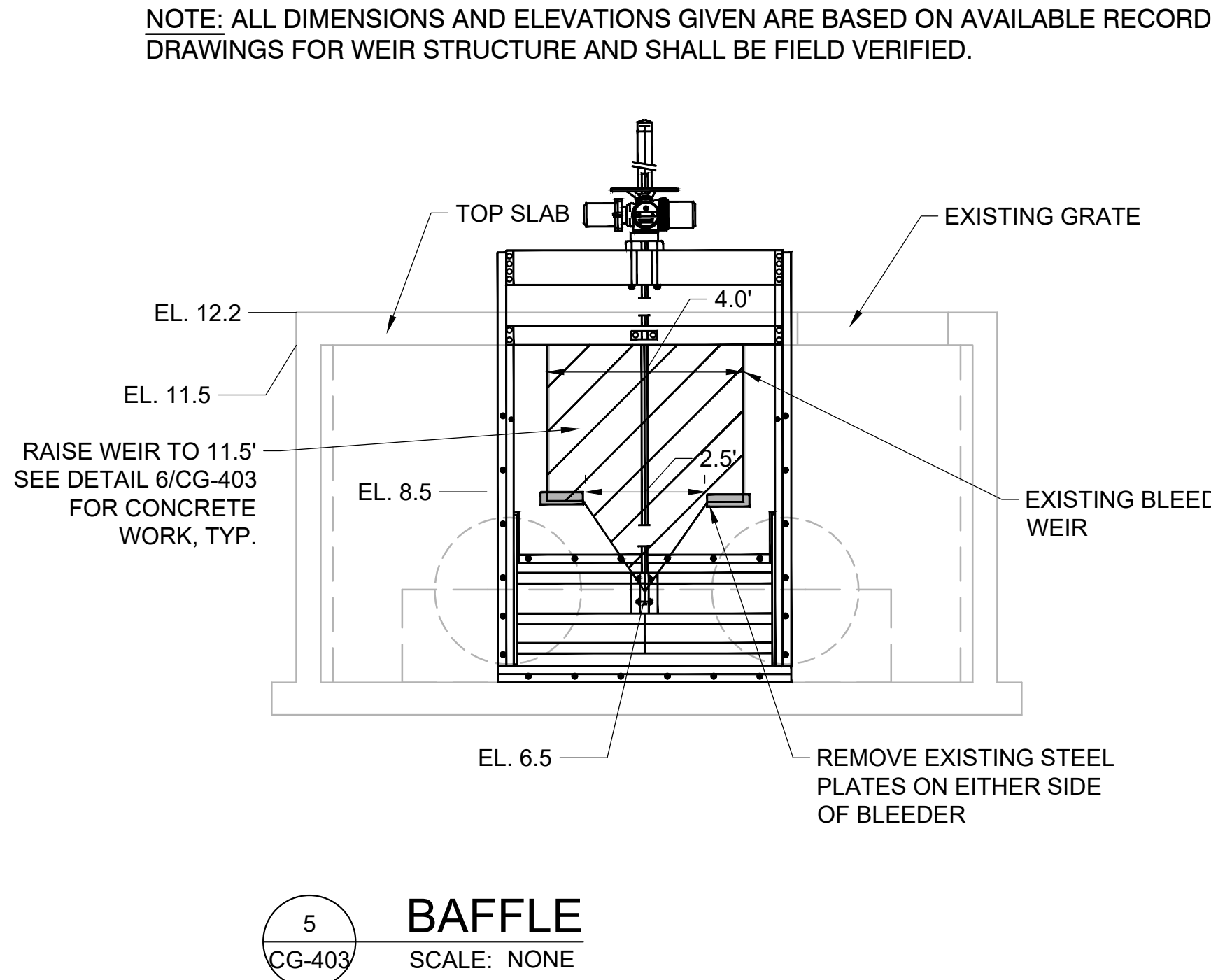
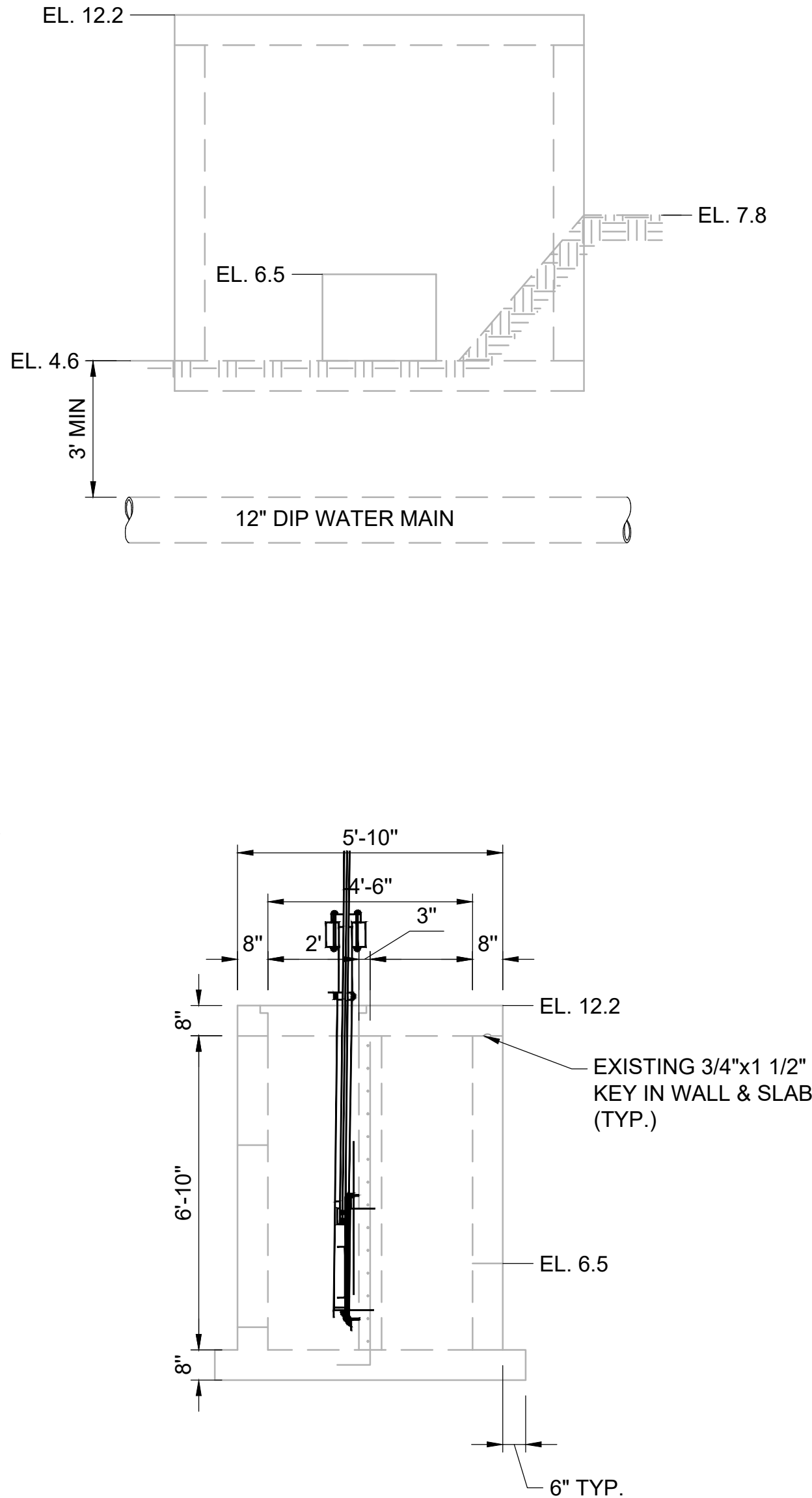
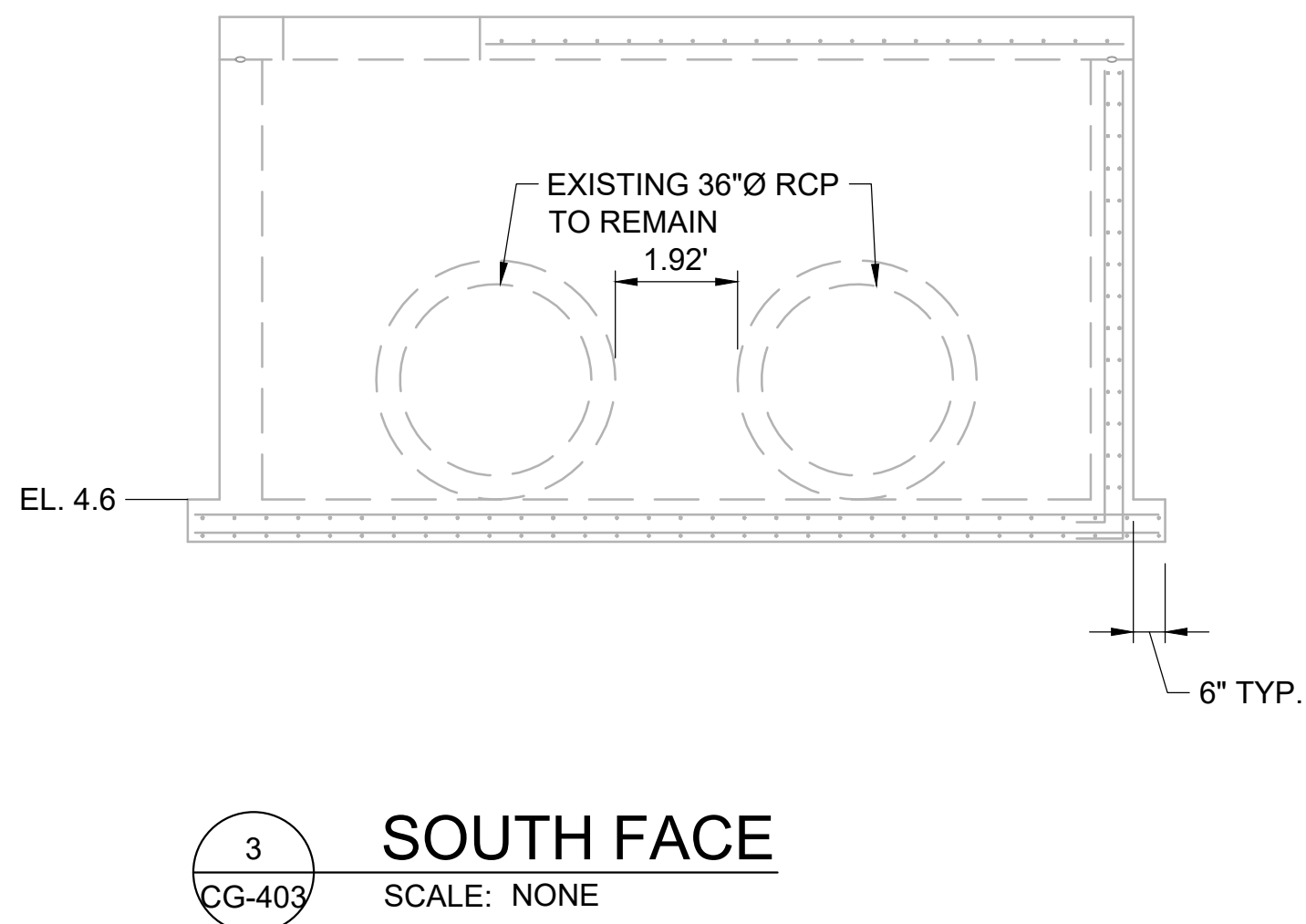
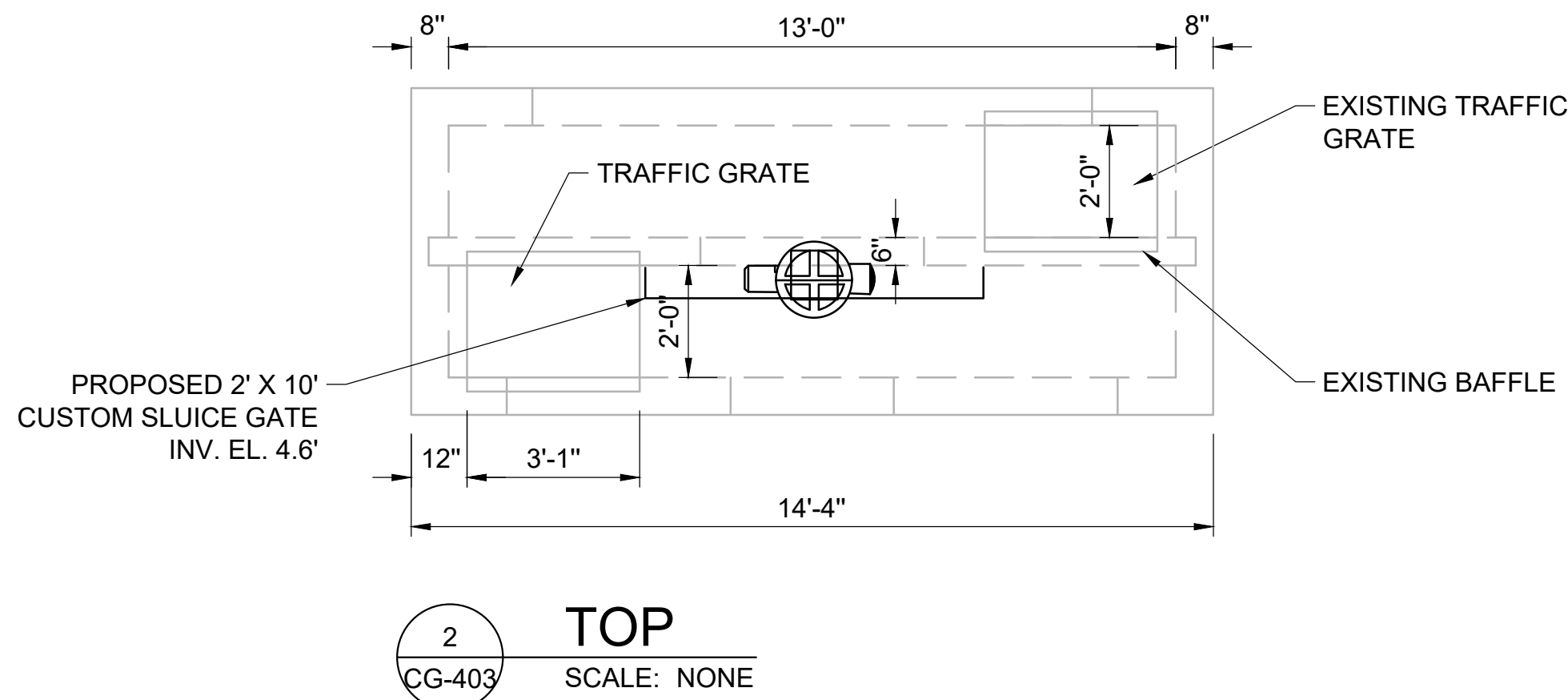
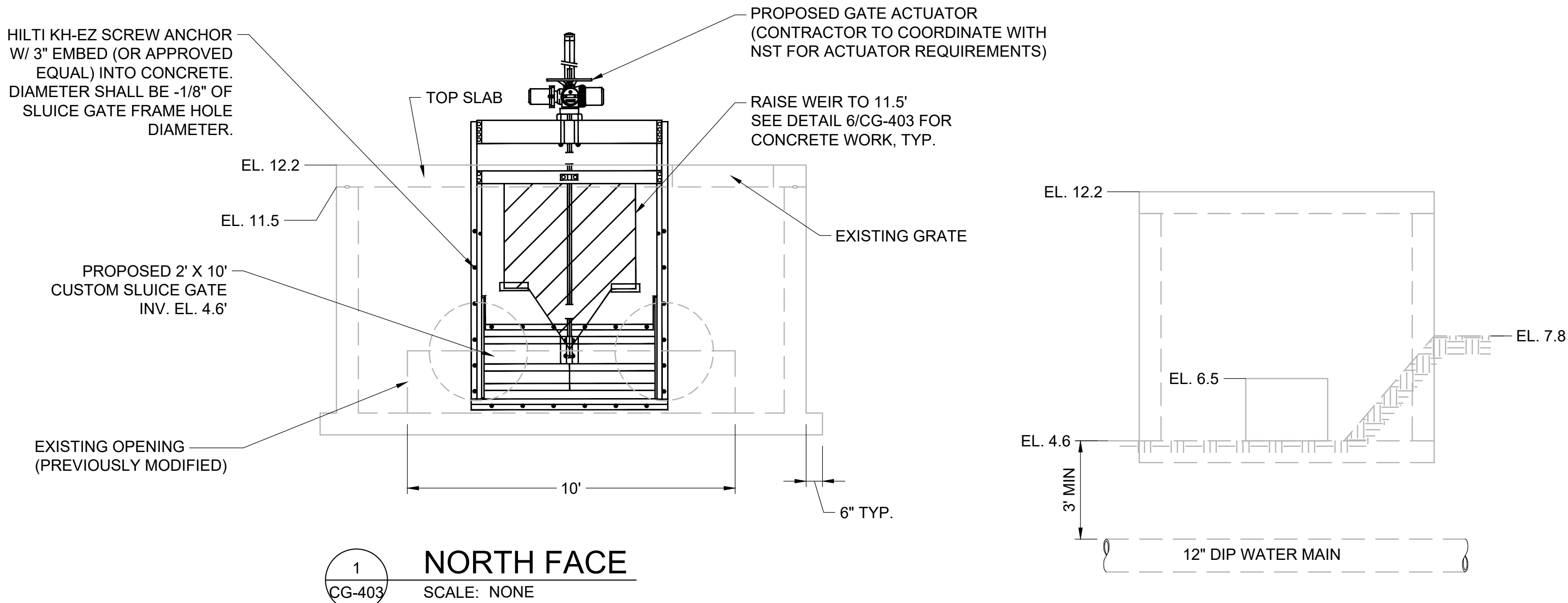
SHEET INDEX AND SUMMARY OF QUANTITIES

JOB NO.: 23A33831
DATE: MARCH 2024
DESIGNED BY: DAG
DRAWN BY: AG

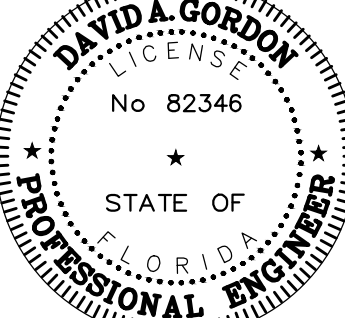
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SHEET NUMBER **2**

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REV.	DATE	DESCRIPTION	BY
1	03/25/2024	ADDENDUM NO. 1	DAG

BOCA RATON AIRPORT
BOCA RATON, FLORIDA

BOCA RATON AIRPORT
AIRPORT SERVICE ROAD REHABILITATION
AND STORMWATER IMPROVEMENTS

LANDSIDE
STORMWATER
IMPROVEMENTS -
CONTROL STRUCTURE
DETAILS

JOB NO.: 23A33831
DATE: MARCH 2024
DESIGNED BY: AG
DRAWN BY: DAG

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DRAWING NUMBER
CG-403

SHEET
NUMBER **41**

ISSUED FOR BID - NOT FOR CONSTRUCTION

ITEM SS-280 OPERABLE STORMWATER CONTROL STRUCTURE

DESCRIPTION

275-1.1 This specification designates general requirements for modifications to the existing Airport stormwater control structure to include an operable weir and continuous monitoring and adaptive control (CMAC) system by National Stormwater Trust, Inc.

DESIGN REQUIREMENTS

275-2.1 The modified control structure shall consist of replacement of the existing stormwater control structure v-notch bleeder with an orifice style bleeder that utilizes continuous monitoring and adaptive control (CMAC). All components of the CMAC system shall be provided by the Contractor as part of this project and sourced from National Stormwater Trust, Inc. (NST). The Contractor is responsible for procuring and installing all components required to provide a complete and operational weir and CMAC system including, but not limited to, control structure modifications, providing electrical service to the site as shown in the Plans, electrical rack and associated equipment, and power/communications service to the operable weir actuator.

The proposed control structure improvements include installation of a 2'x10' sluice gate at invert elevation 4.6' with a weir which can be raised to a maximum height of 11.5' shall be as shown in the Plans.

Electrical and communications requirements components required to operate the weir shall be in accordance with the requirements of the CMAC system as provided by NST. Site electrical requirements shall be as provided shown in the plans unless otherwise required by the CMAC provider NST.

The Contractor is responsible for providing final engineered drawings and specifications required for installation of the CMAC in accordance with the plans and specifications. The Contractor is responsible for conducting any necessary topographic, utility, and/or geotechnical survey to facilitate design of the CMAC, control structure modifications, and/or utility service to the site. The Contractor is also responsible for all permitting associated with installation of the control structure modifications and implementation of the CMAC system.

Costs associated with operating the CMAC system following the completion of construction shall be the responsibility of the Owner.

CONSTRUCTION REQUIREMENTS

275-3.1 The CMAC and control structure modifications shall be installed in accordance with the manufacturer's recommendations and related sections of the contract documents.

The contractor shall follow Occupational Safety and Health Association (OSHA) guidelines for safe practices in executing the installation process in accordance with the manufacturer/supplier installation recommendations.

MEASUREMENT AND PAYMENT

275-4.1 Control structure modifications and CMAC implementation will be measured as a lump sum complete item. Work completed and accepted under this item will be paid for at the contract lump sum price which price shall be full compensation for design of the system including any pre-design required investigations, permitting, design services, modifications or connections to existing drainage infrastructure, utility adjustments, providing utility service to the site, and furnishing all labor, tools, equipment and

Boca Raton Airport

Airport Service Road Rehabilitation and Stormwater Improvements

incidentals necessary to complete the work as shown in the plans and as required by NST to provide a complete and operational system.

Payment for all work required to meet the requirements shown in the plans and specifications will be made on a lump sum basis.

Payment will be made under:

SS-280-4.1 Stormwater Control Structure Modifications (Complete) — per Lump Sum

END OF ITEM SS-280