



ADDENDUM NO. 1

DATE: April 26, 2024

TO: ALL PROSPECTIVE BIDDERS

SUBJECT: Solicitation No. AB003A

TITLE: Miami International Airport (MIA) E Satellite APM Bridge Rehabilitation

This Addendum becomes a part of the subject solicitation.

REVISIONS:

1. **SUBMITTAL DATE HAS BEEN EXTENDED TO May 6, 2024, AT 2:00 PM LOCAL TIME.** Sealed Bids for the Project will be received for and on behalf of Miami-Dade-County Aviation Department, Procurement & Materials Management Division, **4331 N.W. 22nd Street, Building 3040, Miami, Florida 33122 until 2:00 P.M. EST on May 6, 2024** or as modified by addendum, at which time all Bids will be taken to Building 5A, 4200 N.W. 36th Street, 2nd Floor, Conference Room G, Miami, Florida 33166, publicly opened and read aloud. Bids received after the time and date specified will not be considered.
2. Advertisement of Bids, Schedule of Prices Bid Table A, pages A24-25 is hereby revised per **Attachment 1 of Addendum No. 1**. Please note the PDF is now fillable.

QUESTIONS & ANSWERS

Question No. 1 Do you have an estimate for the above mentioned project?

Answer No. 1: Total Cost Estimate of \$16,268,479.00.

Question No. 2 We understand painting is not part of this project.?? Will the steel be painted under a separate contract?

Answer No. 2: Yes; the global painting of all steel components of the bridge will be performed under a separate contract. However, cleaning and painting are required for all areas disturbed while performing the bridge rehab work under this contract. Notes 4 and 5 were added to Sheet S17 as part of **Attachment No.2 of Addendum No. 1**.

Question No.3 Could you please give us the estimated budget for this project?

Answer No. 3 Refer to Answer No. 1.

Question No. 4 We kindly request extending the bid date by at least 3 weeks to be able to successfully submit a quality proposal for this opportunity. As we dig into all the documents, we have realized there is lot of information to digest and also lot of information missing that we have to put together. There are lot of assumed structural parts like beam stiffeners, brackets and access info for Jacking that we have to preliminarily engineer and get some realistic quotes.



- Answer No. 4 Refer to Revision Section, Item No. 1
- Question No. 5 Due to the complexity of the project, we request the bid date be extended 2 weeks.
- Answer No. 5 Refer to Revision Section, Item No. 1
- Question No. 6 To avoid any doubt, please confirm, as stated in Note 17 of the General Structural Notes, "work for relocating or adjusting the utilities are to be performed by others and the costs are not to be included in this contract." This would include all pipes, conduits, chilling pipes, etc...
- Answer No. 6 Correct. All Work for relocating and/or adjusting the utilities is to be performed by others and not included in the Contractor's bid price. An allowance will be made to cover the cost of the utility relocation/adjustment.
- However, as indicated on drawing S18, Construction Note 2, prior to construction, the contractor shall survey all utilities attached to the existing bridge and provide shop drawings on means and methods for releasing utilities, including those hung under the bridge and also the pipes and conduits attached to the bridge. The shop drawings shall include sketches showing the utility impacted by the Work and also support calculations to allow them to be released for an upward movement of at least 1" without damaging the attachments or the existing girder.
- The cost for the utility survey and shop drawings is to be included in the Contractor's bid price. This includes coordinating with MDAD to schedule the utility relocation and minimizing impacts to the APM Operating Systems and/or MDAD airport facilities or terminals.
- Question No. 7 We kindly request a new site visit. Is there a possibility of accessing the bridge structure using a bucket truck, as it would be beneficial for a deeper understanding.
- Answer No. 7 Due to grant funding, no adding site visits are available. In lieu of site visit, below is the link to copies of the routine and interim bridge inspection reports for your reference/use.
- [E-Satellite Inspections 2020-2024](#)
- Question No. 8 Due to the technical complexity involved in estimating the project and the data that we gathered in the recent pre-bid meeting, could you please consider extending the bid due date by two weeks?
- Answer No. 8 Refer to Revision Section, Item No. 1
- Question No. 9 Regarding PIER CAP STRENGTHENING: Would you accept an alternative using external post-tensioning?
- Answer No. 9 No. External post-tensioning is not acceptable.
- Question No. 10 Regarding the note in Plan BX1-46 marked as 'NOT USED,' could you clarify whether it pertains to Detail B S4/A7 exclusively, or if it applies to the entire plan?
- Answer No. 10 "Not Used" is only applicable to Details B and not applicable to the entire plan sheet. The Contractor is responsible for verifying as-built conditions in the field.



- Question No. 11 Has the work outlined in Plan BX1-46, entailing column head repair utilizing Sikadur for crack filling and carbon fiber reinforcement, already been executed?
- Answer No. 11 Drawing BX1-46 is part of the as-built set for work performed in 1998. The Contractor is responsible to verify as-built conditions in the field.
- Question No. 12 Is the 1.31 Sustainable Buildings Program applicable to this bid? If so, please clarify the scope of it.
- Answer No. 12 Yes. Refer to Section 1.31, Instruction to Bidders, Advertisement for Bids Document. In addition please refer to Attachment No. 3 of Addendum No.1.
- Question No. 13 Regarding the DBE requirements, could you include a waiver form as an option?
- Answer No. 13 Refer to Article 14, Special Provisions, Section K last sentence of paragraph 1, of Attachment 2 - Standard Construction General Contract Conditions. The DBE Participation Provisions Proposer is attached to this Addendum No.1 for reference.
- Question No. 14 Is badging of the personnel a requirement for this bid? Will the costs be reimbursable?
- Answer No. 14 Refer to Article 14, Special Provisions, Section D, of Attachment 2 - Standard Construction General Contract Conditions

All other information remains the same.

Miami-Dade County,

Claudia Portocarrero
Aviation Senior Procurement Contracting Officer

c: Clerk of the Board

ADDENDUM No. 1

ATTACHMENT 1

Advertisement of Bids

Schedule of Prices

Table A– REVISED

REVISED

SCHEDULE OF PRICES BID [All Prices shall be in U.S. Dollars]

PROJECT: MIAMI INTERNATIONAL AIRPORT (MIA) CONCOURSE E SATELLITE APM BRIDGE REHABILITATION

BID NO.: AB003A

Miami-Dade County will calculate the amount (sum of Items 1 through 5)

Unit Prices shall include fully burdened equipment, labor, material, tools, supplies, supervision, incidentals, engineering, mobilization, profit, design, manufacture, delivery, construction administration, project management, installation, testing, and any other item necessary which is clearly necessary for the completion of the work shall be considered a part of such work although not directly specified or called for. See specifications for Divisions and Schedule of Payment.

The total bid amount shall include all items needed to complete the work specified in the Divisions including without limitation all equipment, labor, material, tools, supplies, supervision, incidentals, engineering design manufacture, delivery, construction administration, project management, installation, testing startup, commissioning, permitting, and any other item necessary to fully complete the work pursuant to this solicitation.

Any work omitted from this solicitation which are clearly necessary for the completion of this work and is appurtenances shall be considered part of such work although not directly specified or called for in this solicitation.

The Manufacturer/Installer shall be responsible for verifying installation locations, methods, and notify MDAD Representative of any conflict or Code violations prior to manufacturing of equipment. Modifications will be coordinated and approved by MDAD. Modifications shall be made at no additional cost or fees.

The Manufacturer/Installer's total bid amount shall include all employees out of pocket expenses, including travel, per diem, and miscellaneous costs and fees.

CONTINUES ON NEXT PAGE

REVISED

SCHEDULE OF PRICES BID TABLE A
[All Prices shall be in U.S. Dollars]

Item #	Description	Quantity	Unit of Measurement	Unit Price
1	DIVISION 01 - GENERAL REQUIREMENTS	1	Lump Sum	\$
2	DIVISION 02 - EXISTING CONDITIONS	1	Lump Sum	\$
3	DIVISION 03 - CONCRETE	1	Lump Sum	\$
4	DIVISION 05 - METALS	1	Lump Sum	\$
5	DIVISION 07 - THERMAL AND MOISTURE PROTECTION	1	Lump Sum	\$

NOTE: ALLOWANCE ACCOUNT(S):

Contingency ALLOWANCE ACCOUNT
(Amount in Words)

10% OF TOTAL BID ITEM TABLE A
(Amount in Figures)

Inspector General
(Amount in Words)

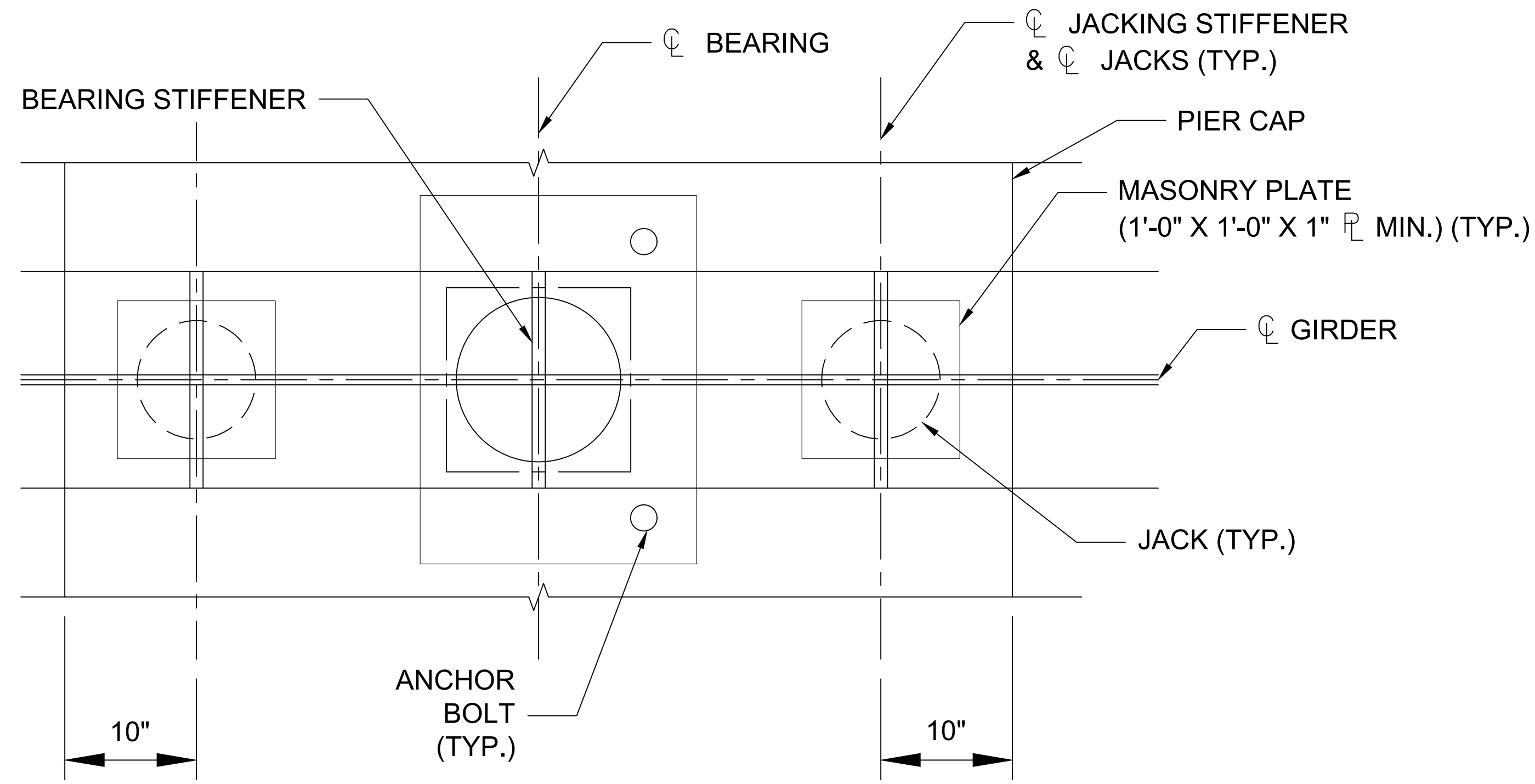
0.25% OF TOTAL BID ITEM TABLE A
(Amount in Figures)

ADDENDUM No. 1

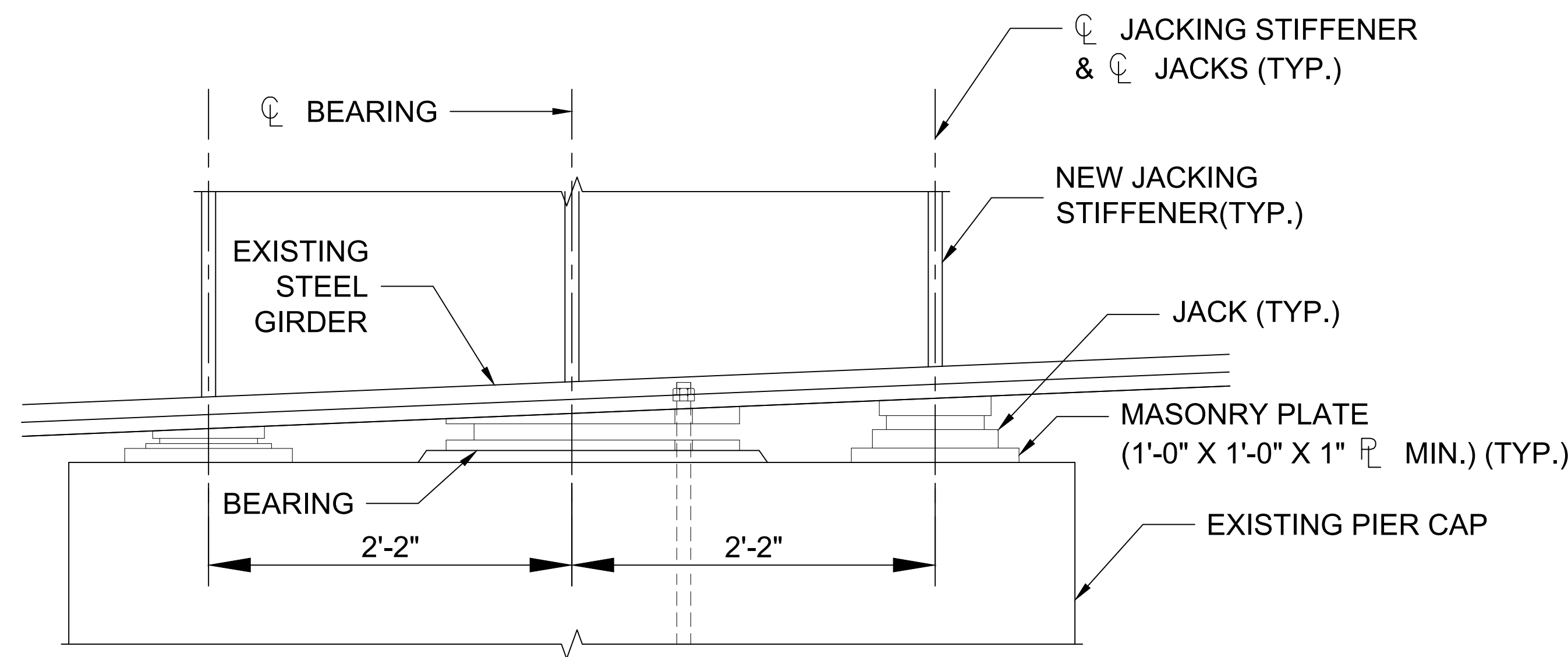
ATTACHMENT 2

Drawings - REVISED

DIRECTION OF STATIONING →



PLAN VIEW (AT PIERS)



ELEVATION VIEW (AT PIERS)

JACKING NOTES:

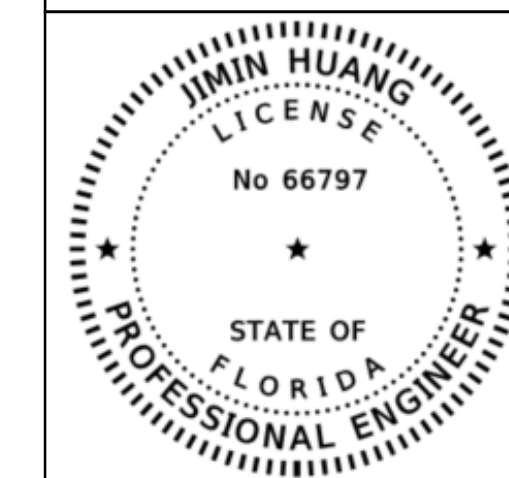
- JACKING OF THE SUPERSTRUCTURE AND EQUIPMENT REQUIRED THEREOF (JACKS, SHIMS, BEVELED JACKING PLATES AND TEMPORARY SUPPORT TOWER) ARE INCLUDED IN THIS CONTRACT.
- JACKING DETAILS, EQUIPMENT AND DATA SHOWN ON THE DRAWINGS ARE FOR REFERENCE. THE CONTRACTOR MAY SUBMIT ALTERNATIVE JACKING DETAILS IN THE SHOP DRAWINGS FOR ENGINEER'S APPROVAL.
- BEARING REPLACEMENT AND JACKING WILL ONLY BE ALLOWED WITHOUT TRAIN LOADS.
- LIMIT TOTAL JACKING MOVEMENT TO 1" MAXIMUM. LARGER MOVEMENT MAY BE ALLOWED, BUT IT REQUIRES APPROVALS FROM MDAD AND THE ENGINEER.
- LOCATE JACKS UNDER JACKING STIFFENERS ONLY. BEVELED JACKING PLATES SHALL BE UTILIZED TO PROVIDE A LEVEL JACKING SURFACE.
- JACKING OPERATION SHALL BE PERFORMED SIMULTANEOUSLY FOR ALL JACKS ALONG A LINE OF SUPPORT (PIER). A COMMON PRESSURE MANIFOLD SHALL BE USED THAT UTILIZES THE EQUAL VOLUME OR EQUAL DISPLACEMENT METHOD TO ELIMINATE DIFFERENTIAL JACKING ALONG A LINE OF SUPPORT. RELATIVE MOVEMENT BETWEEN ADJACENT GIRDERS SHALL NOT EXCEED 1/8".
- ALL JACKS SHALL BE EQUIPPED WITH LOCKING RINGS TO MAINTAIN THE DESIRED JACKING HEIGHT DURING THE JACKING OPERATION.
- JACKING LOAD CAN CONSIDER 1.3 DEAD LOAD WITHOUT TRAIN RUNNING. THE CONTRACTOR SHALL MONITOR THE JACKING LOADS AT ALL JACK LOCATIONS. THE MAX JACKING LOADS MAY NOT EXCEED 120% OF THE PREDICTED JACKING LOADS SHOWN IN THE TABLE. CONTACT THE ENGINEER FOR REVIEW AND APPROVAL FOR A JACKING LOAD EXCEEDING 120% OF THE PREDICTED JACKING LOADS.
- MONITOR THE EXISTING BRIDGE STRUCTURE DURING ANY JACKING OPERATION FOR SETTLEMENT, STRUCTURAL STEEL DAMAGE AND POTENTIAL CONCRETE CRACKING. THE CONTRACTOR SHALL IMMEDIATELY STOP JACKING OPERATION FOR UNUSUAL STRUCTURAL BEHAVIOR.
- FOR JACKING AT ABUTMENT SUPPORT, SEE JACKING DETAILS (2 OF 4) SHEET.
- FOR JACKING AT EXPANSION JOINTS, SEE JACKING DETAILS (3 OF 4) SHEET.
- NO BEARING REPLACEMENT IS REQUIRED FOR BEARINGS AT PIERS 10G, 11G AND 12G.
- PIER CAPS SHALL BE STRENGTHENED BEFORE ANY JACKING OPERATIONS. ACCESS TO TERMINAL BUILDING IS REQUIRED FOR PIER CAP STRENGTHENING AT PIERS 7G, 8G, AND 9G. ANY DAMAGES TO THE BUILDING SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE MDAD. SUBMIT SHOP DRAWINGS FOR REPAIR MATERIALS AND PROCEDURE FOR MDAD'S APPROVAL PRIOR TO CONSTRUCTION.

TABLE OF JACKING LOADS (AT PIERS)

PIER	LOCATION	DEAD LOAD (KIPS)	LIVE LOAD (KIPS)	TOTAL LOAD (KIPS)	NO. OF JACKS REQ'D. PER BEARING	MIN. JACK CAPACITY (TONS)	PIER/SPAN	LOCATION	DEAD LOAD (KIPS)	LIVE LOAD (KIPS)	TOTAL LOAD (KIPS)	NO. OF JACKS REQ'D. PER BEARING	MIN. JACK CAPACITY (TONS)
1G	G1-N	101	134	235	2	59	1G	G2-N	191	123	314	2	79
1G	G1-S	198	131	329	2	82	1G	G2-S	91	133	224	2	56
2G	G1-N	92	127	219	2	55	2G	G2-N	142	124	266	2	67
2G	G1-S	142	129	271	2	68	2G	G2-S	93	131	224	2	56
3G	G1-N	77	129	206	2	52	3G	G2-N	112	117	229	2	58
3G	G1-S	111	122	233	2	59	3G	G2-S	85	135	220	2	55
4G	G1-N	81	127	208	2	52	4G	G2-N	108	125	233	2	59
4G	G1-S	102	125	227	2	57	4G	G2-S	79	131	211	2	53
5G	G1-N	77	120	197	2	49	5G	G2-N	123	121	243	2	61
5G	G1-S	146	145	291	2	73	5G	G2-S	85	141	226	2	57
6G	G1-N	95	132	227	2	57	6G	G2-N	122	130	252	2	63
6G	G1-S	120	130	250	2	62	6G	G2-S	91	136	227	2	57
7G	G1-N	82	130	212	2	53	7G	G2-N	106	119	224	2	56
7G	G1-S	107	121	228	2	57	7G	G2-S	81	135	216	2	54
8G	G1-N	80	126	206	2	52	8G	G2-N	106	124	231	2	58
8G	G1-S	105	124	229	2	58	8G	G2-S	82	133	215	2	54
9G	G1-N	85	130	215	2	54	9G	G2-N	110	121	231	2	59
9G	G1-S	109	123	232	2	58	9G	G2-S	84	137	221	2	56
10G	G1	--	--	--	--	--	10G	G2	--	--	--	--	--
11G	G1	--	--	--	--	--	11G	G2	--	--	--	--	--
12G	G1	--	--	--	--	--	12G	G2	--	--	--	--	--

TABLE OF JACKING LOADS (AT PIERS)

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ENGINEER OF RECORD: JIMIN HUANG
FL PE NO. 66797



REVISION 1	REVISION 3 AND ADDED NOTE 12	DATE
MARK	DESCRIPTION	04/22/24

ISSUE DATE:	05/25/2022
DESIGNED BY:	JD
DRAWN BY:	EC
CHECKED BY:	JH
SUBMITTED BY:	JH
SIZE:	ANSI F

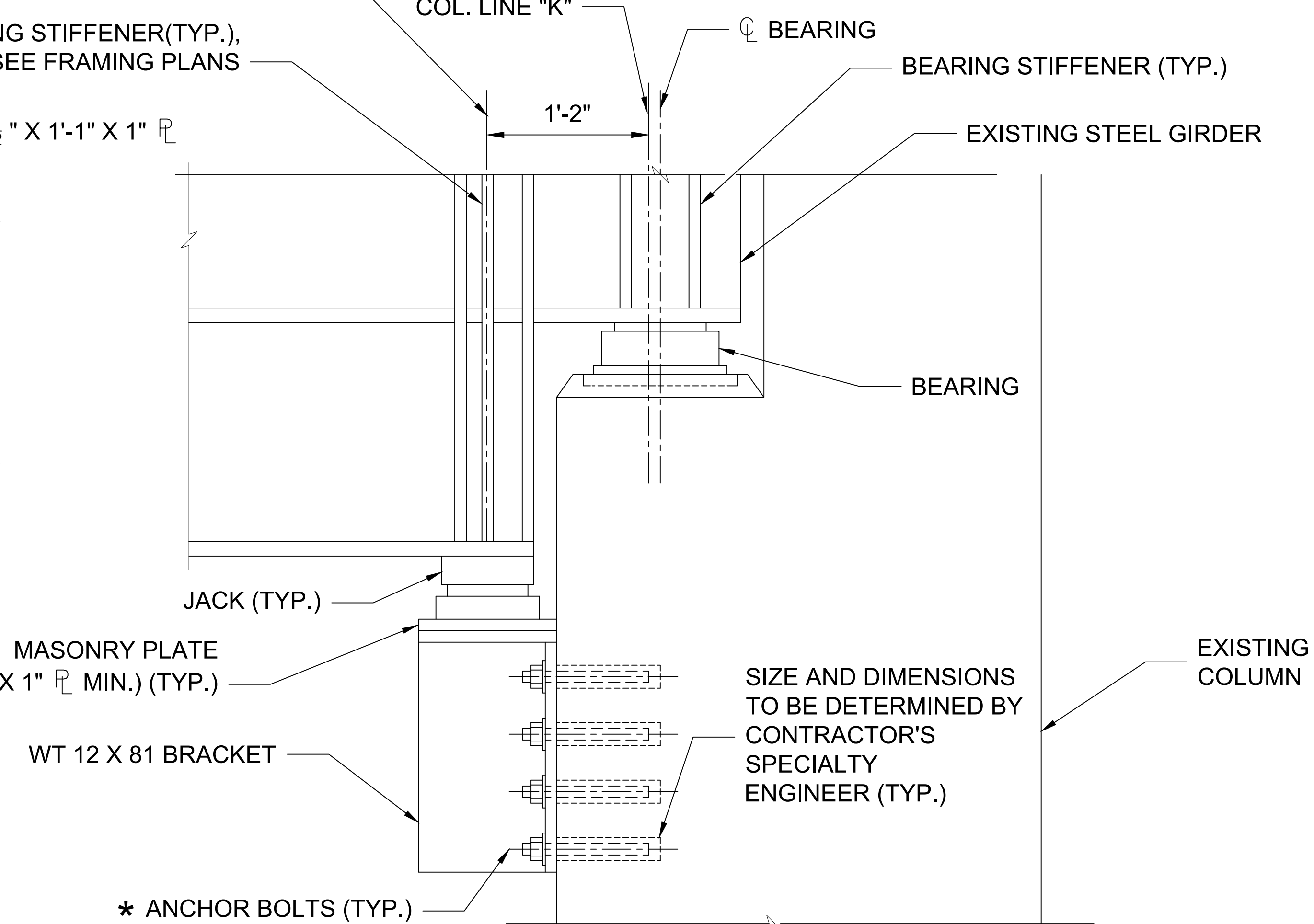
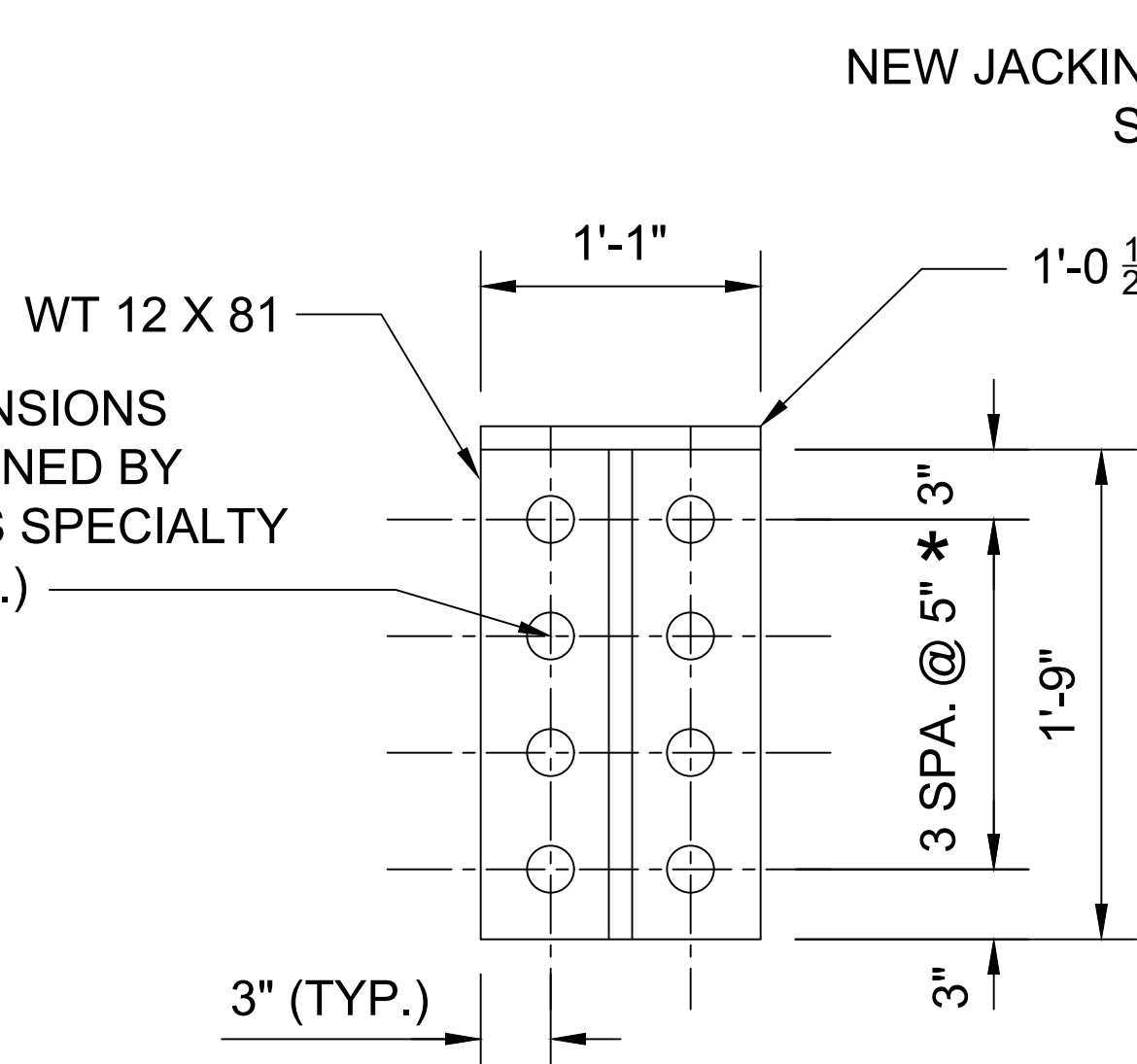
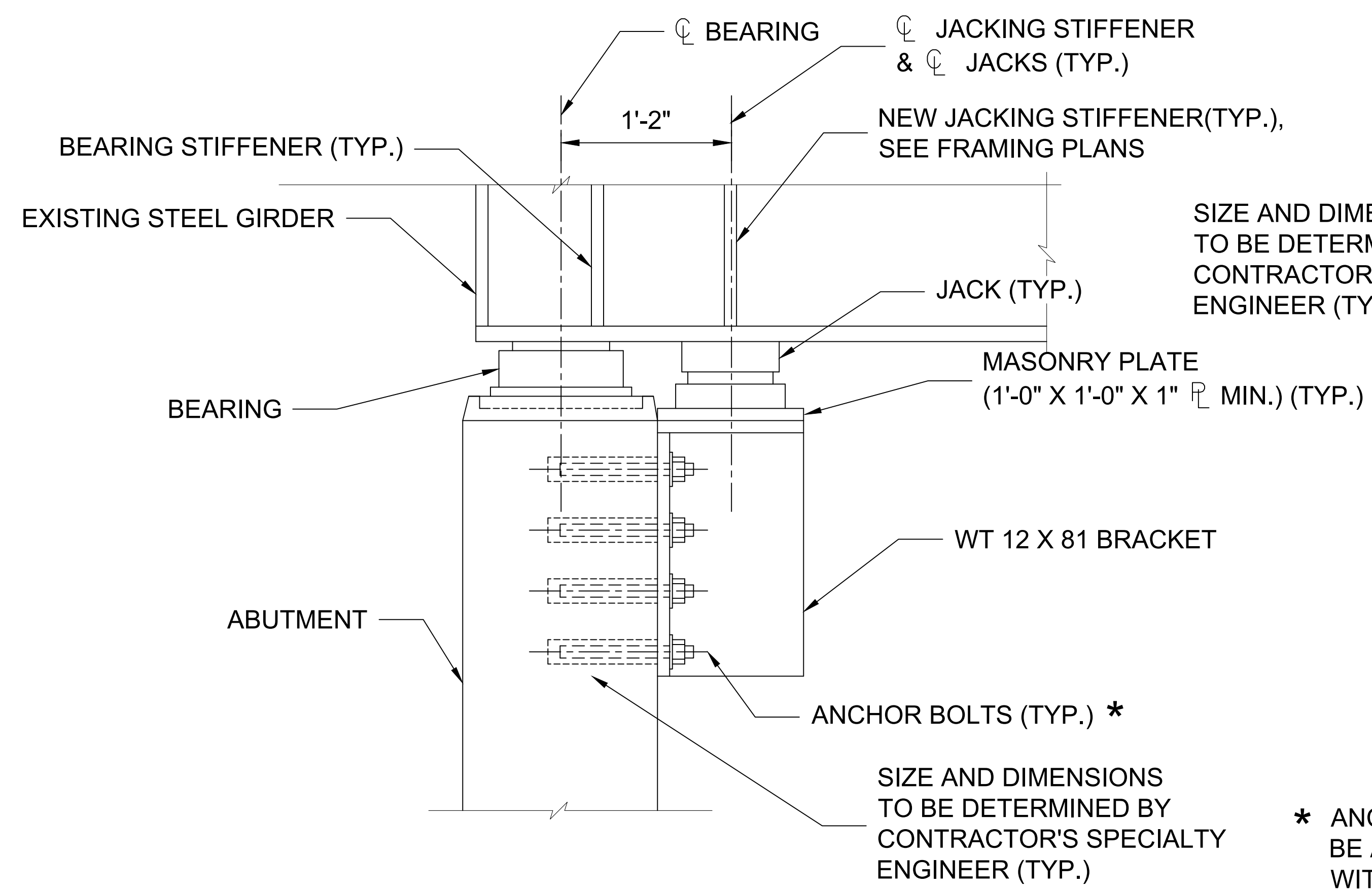
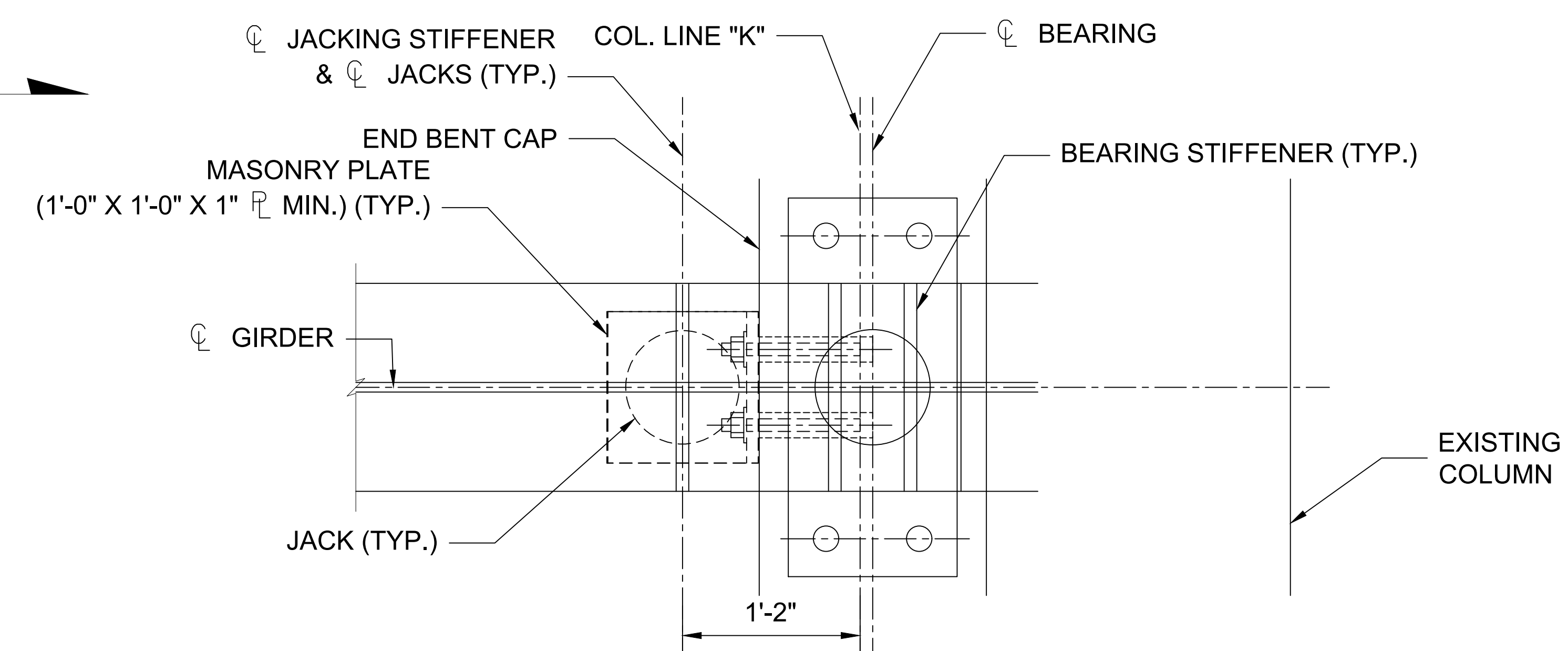
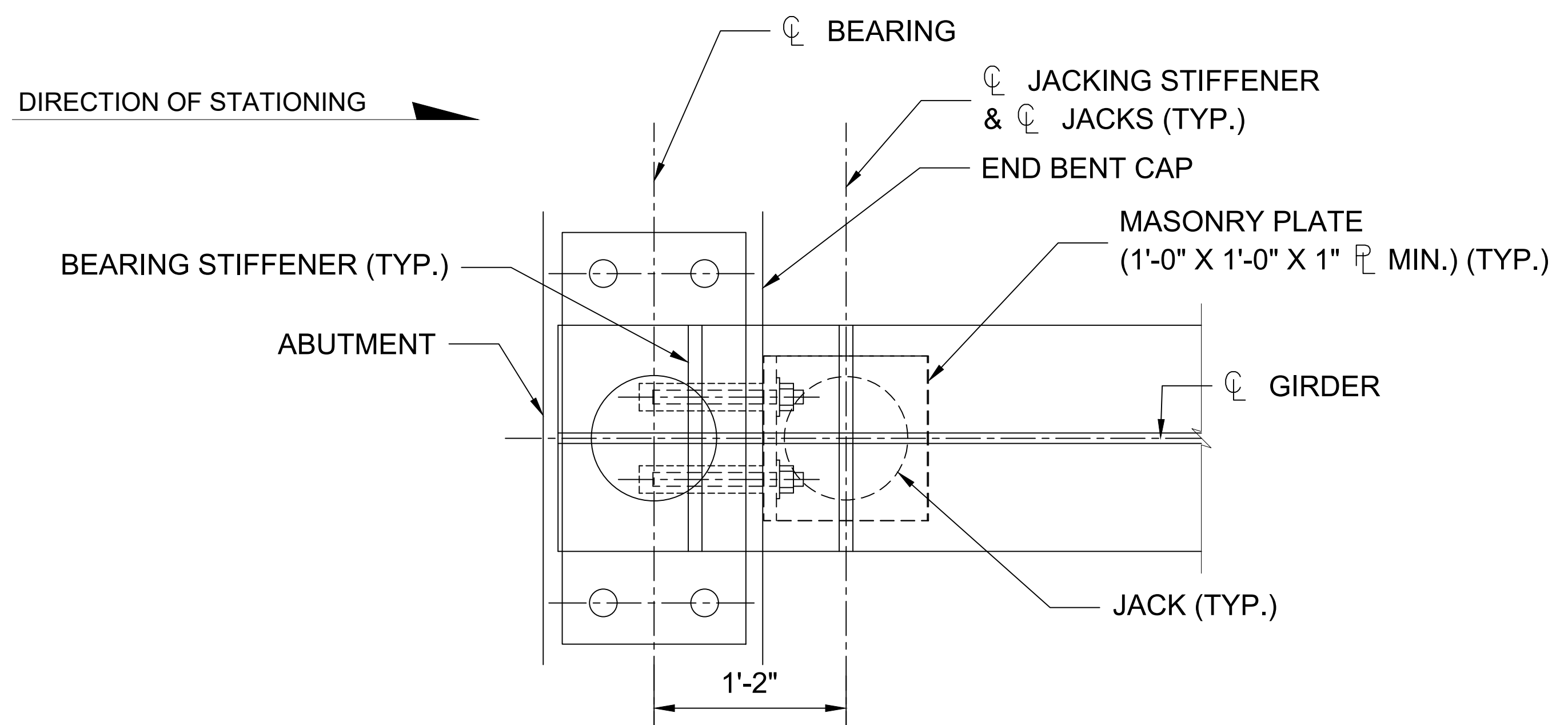
MIAMI-DADE AVIATION DEPARTMENT
MIAMI INTERNATIONAL AIRPORT
MIAMI-DADE COUNTY
P.O. BOX 582075 MIAMI, FL 33159

3250 WEST COMMERCIAL
BOULEVARD, SUITE 100
FORT LAUDERDALE, FL 33309

MIAMI INTERNATIONAL AIRPORT
CONCOURSE 'E' SATELLITE
APM BRIDGE REHABILITATION PROJECT
MDAD PROJECT NUMBER: AB003A

JACKING DETAILS (1 OF 4)

SHEET ID
S13



* ANCHOR BOLT LOCATIONS SHALL BE ADJUSTED TO AVOID CONFLICTS WITH REINFORCING AND ANCHOR BOLTS FOR BEARINGS IN THE EXISTING ABUTMENT CAP. SUPPORT BRACKET DETAILS SHALL BE ADJUSTED ACCORDINGLY.

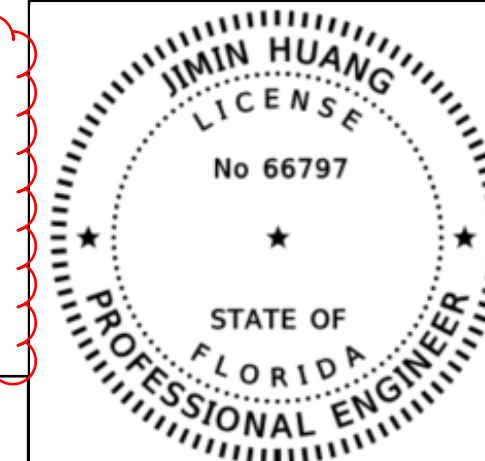
NOTES:

- FOR JACKING NOTES, SEE JACKING DETAILS (1 OF 4).
- FOR JACKING AT PIERS, SEE JACKING DETAILS (1 OF 4).
- FOR JACKING AT IN-SPAN SUPPORTS, SEE JACKING DETAILS (3 OF 4).
- IN LIEU OF UTILIZING A STEEL BRACKET MOUNTED ON THE CAP TO SUPPORT THE JACK, IT IS ACCEPTABLE TO SUPPORT THE JACKS ON TEMPORARY SUPPORT TOWERS. STEEL BRACKETS OR TEMPORARY SUPPORT TOWERS SHALL BE DESIGNED BY CONTRACTOR'S SPECIALTY ENGINEER. SUBMIT DRAWINGS AND CALCULATIONS IN THE SHOP DRAWINGS.
- JACKING STIFFENER LOCATIONS AT F.I.S. BLDG SHALL BE FIELD VERIFIED TO AVOID CONFLICTS WITH EXISTING SHEAR STIFFENERS.
- HOLD-DOWN DEVICE IS REQUIRED FOR EACH BEARING AT ABUT. S TO RESIST A MIN. SERVICE UPLIFT OF 23 KIPS AND A MIN. STRENGTH UPLIFT OF 45 KIPS.
- REMOVE EXISTING CONCRETE DIAPHRAGM AS NEEDED IN ORDER TO JACK THE GIRDERS AT THE ABUTMENTS. AFTER BEARING REPLACEMENT, RECONSTRUCT CONCRETE DIAPHRAGM TO BE SIMILAR AS ORIGINAL. THE CONCRETE SHALL HAVE A MIN. 28-DAY STRENGTH OF 5.5 KSI. SUBMIT SHOP DRAWING FOR EXISTING DIAPHRAGM REMOVAL AND RECONSTRUCTION DETAILS.

TABLE OF JACKING LOADS (AT END SUPPORTS)

PIER	LOCATION	DEAD LOAD (KIPS)	LIVE LOAD (KIPS)	TOTAL LOAD (KIPS)	NO. OF JACKS REQ'D. PER BEARING	MIN. JACK CAPACITY (TONS)
ABUT. S	G1-N	8	43	51	1	25
ABUT. S	G1-S	21	45	66	1	33
ABUT. S	G2-N	23	41	64	1	32
ABUT. S	G2-S	5	47	52	1	26
F.I.S. BLDG	G1-N	16	55	71	1	36
F.I.S. BLDG	G1-S	36	56	92	1	46
F.I.S. BLDG	G2-N	37	60	97	1	48
F.I.S. BLDG	G2-S	15	58	73	1	37

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ENGINEER OF RECORD: JIMIN HUANG
FL PE NO. 66797



REVISION	MARK	ADDED NOTE / FOR DIAPHRAGM. DESCRIPTION	DATE
1			04/22/24

ISSUE DATE: 05/25/2022

DESIGNED BY: JD

DRAWN BY: EC

CHECKED BY: JH

SUBMITTED BY: JH

MIAMI-DADE AVIATION DEPARTMENT
MIAMI INTERNATIONAL AIRPORT
MIAMI-DADE COUNTY
P.O. BOX 582075 MIAMI, FL 33159

3250 WEST COMMERCIAL
BOULEVARD, SUITE 100
FORT LAUDERDALE, FL 33309

SIZE: ANS I F

MIAMI INTERNATIONAL AIRPORT
CONCOURSE "E" SATELLITE
APM BRIDGE REHABILITATION PROJECT
MIDAD PROJECT NUMBER: AB003A

JACKING DETAILS (2 OF 4)

SHEET ID
S14



REVISION MARK	DESCRIPTION	DATE
REVISION 1	REVISED NOTE 4 AND ADDED NOTE 5.	04/22/24

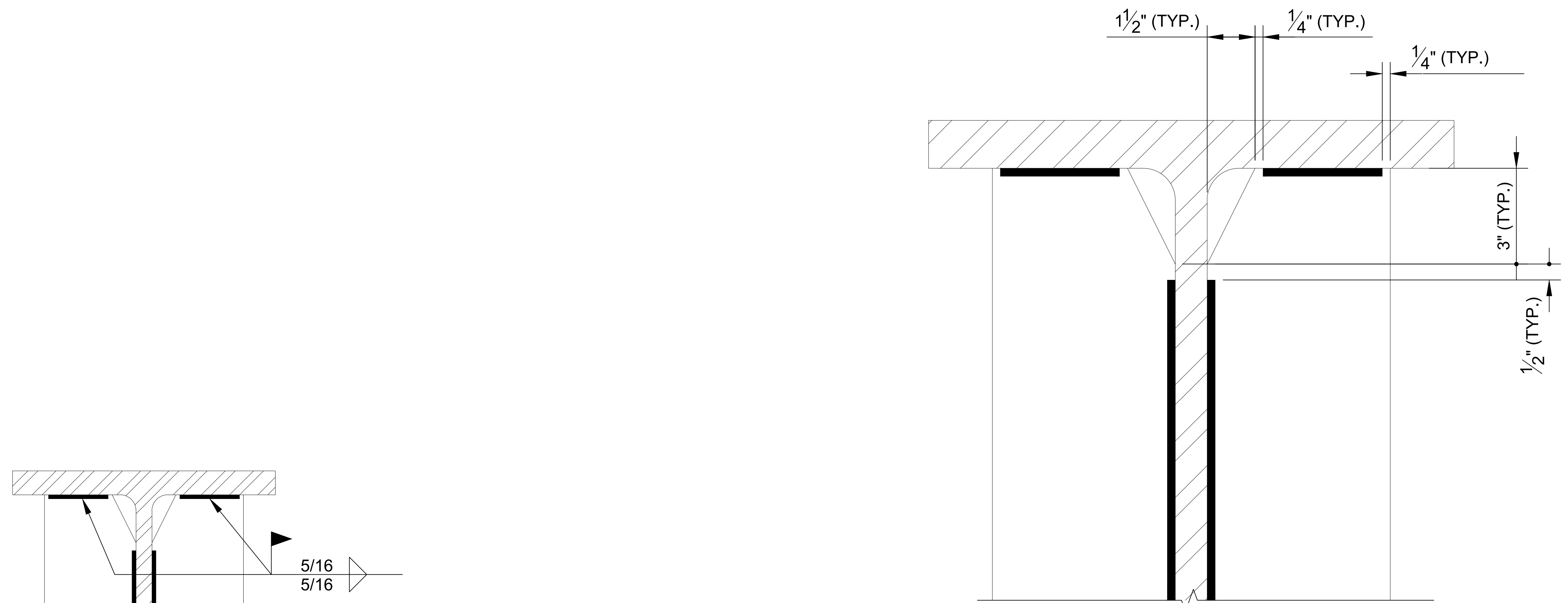
ISSUE DATE:	05/25/2022
SOLICITATION NO.:	
CONTRACT NO.:	
DESIGNED BY:	JH
DRAWN BY:	EC
CHECKED BY:	JH
SUBMITTED BY:	JH
SIZE:	ANSI F
MIAMI-DADE AVIATION DEPARTMENT	
MIAMI INTERNATIONAL AIRPORT	
MIAMI-DADE COUNTY	
P.O. BOX 592075 MIAMI, FL 33159	
3250 WEST COMMERCIAL	
BOULEVARD, SUITE 100	
FORT LAUDERDALE, FL 33309	

MIAMI INTERNATIONAL AIRPORT
CONCOURSE 'E' SATELLITE
APM BRIDGE REHABILITATION PROJECT
MIDAD PROJECT NUMBER: AB003A

JACKING STIFFENER DETAILS

SHEET ID
S17

G
F
E
D
C
B
A



STIFFENER WELD TERMINATIONS AND CLIP DETAIL

JACKING STIFFENERS
(W36 BEAM WITH OR WITHOUT COVER PLATES)

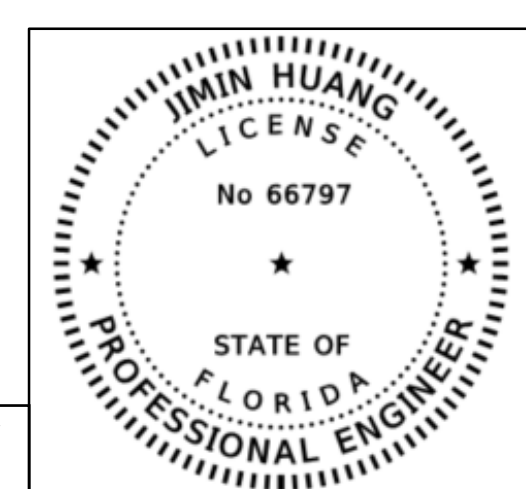
NOTES:

- SEE FRAMING PLANS FOR LOCATIONS OF JACKING STIFFENERS.
- STIFFENER STEEL SHALL BE ASTM A572 GRADE 50.
- JACKING STIFFENERS MAY BE INSTALLED WITH TRAIN RUNNING. PROVIDE TEMPORARY SUPPORT OR TEMPORARY SUPPORT TOWER AT THE JACKING STIFFENER LOCATION WHEN NEW STIFFENER IS WELDED TO EXISTING GIRDER.
- PAINT EXPOSED SURFACES OF JACKING STIFFENERS AND REPAIR AFFECT LOCAL STEEL COMPONENTS WITH A HIGH-PERFORMANCE PAINT AND WITH A COLOR MATCHING THE EXISTING STEEL STRUCTURE BASED ON FDOT STANDARD SPECIFICATIONS.
- GLOBAL PAINTING OF ALL STEEL COMPONENTS IS NOT PART OF THIS CONTRACT. HOWEVER, CLEANING AND PAINTING ARE REQUIRED FOR ALL AREAS DISTURBED WHILE PERFORMING THE BRIDGE REHAB WORK UNDER THIS CONTRACT.

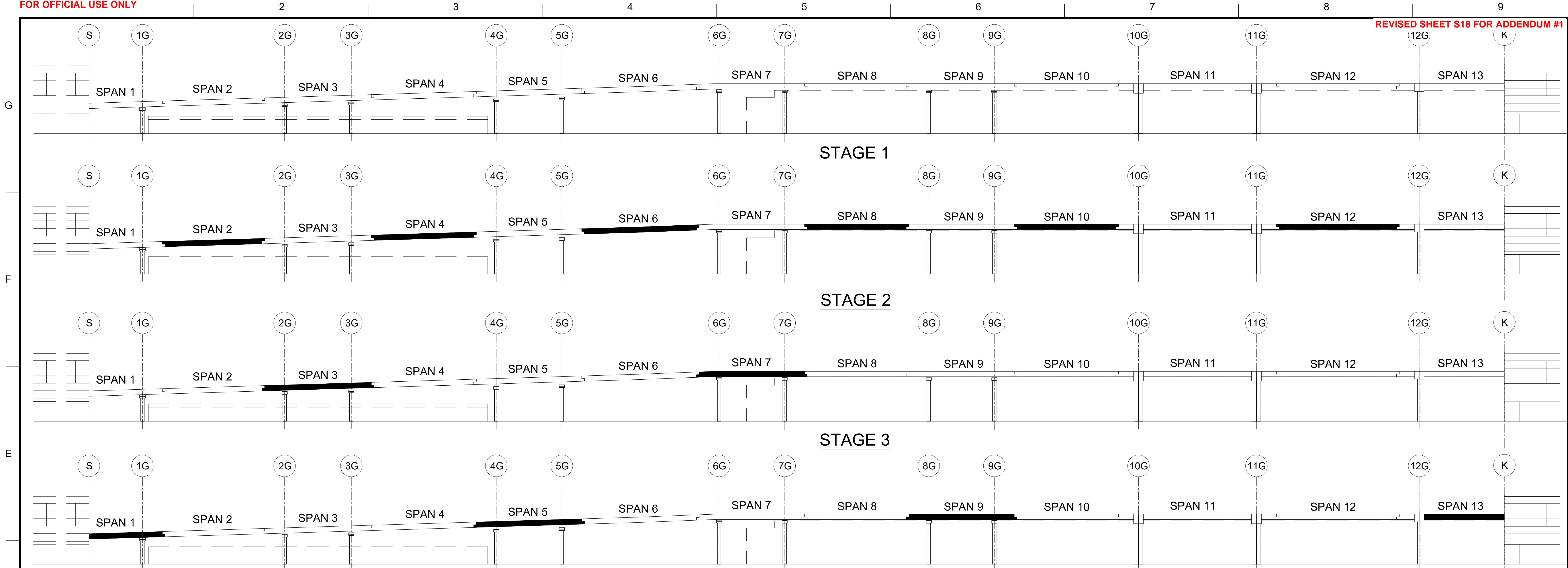
FIELD WELD NOTES

- SHOP DRAWINGS SHALL BE SUBMITTED FOR FIELD WELD OF THE STIFFENERS TO THE EXISTING STEEL GIRDERS.
- PRIOR TO THE BEGINNING OF ANY WELDING A WELD PROCEDURE SPECIFICATION (WPS) AND SUPPORTING PROCEDURE QUALIFICATION RECORD (PQR) SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY THE ENGINEER AND MDAD.
- ALL WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS THAT COMPLY WITH THE APPROPRIATE CODE, MATERIAL AND POSITION.
- ALL WELDING SHALL BE VISUALLY INSPECTED BY AN AMERICAN WELDING SOCIETY (AWS) CERTIFIED WELDING INSPECTOR (CWI). A REPORT SHALL BE ISSUED BY THE INSPECTOR THAT IS STAMPED AND DATED STATING THAT ALL WELDING HAS BEEN COMPLETED IN COMPLIANCE WITH THE CONTRACT DOCUMENTS AND THE APPROPRIATE CODE.
- IF NON-DESTRUCTIVE TESTING OTHER THAN VISUAL IS REQUIRED, QUALIFIED TECHNICIANS SHALL PERFORM THE WORK AS SPECIFIED BY THE AWS CODE SHOWN ON THE GENERAL NOTES SHEET.
- IF REMOVAL OF EXISTING WELDS IS REQUIRED, SUBMIT SHOP DRAWINGS FOR THE METHOD AND PROCEDURE FOR WELD REMOVAL.

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ENGINEER OF RECORD: JIMIN HUANG
FL PE NO. 66797



CONSTRUCTION STAGES:

STAGE 1:

STEP 1: CORE HOLES IN THE EXISTING PIER CAPS AND INSTALL POST-TENSIONING (PT) BARS IN THE CAPS. STRESS PT BARS AS REQUIRED ON PLANS AND GROUT PT DUCTS PER SPECIFICATIONS. INSTALL JACKING STIFFENERS AND DRILL HOLES FOR ANCHOR BOLTS AT PIER LOCATIONS WITH NO TRAIN RUNNING ON THE TRACKS. INSTALL TEMPORARY JACKING FRAMES OR TEMPORARY SUPPORTS AT BOTH ABUTMENTS. THE WORK IN THIS STEP CAN BE PERFORMED DURING NIGHT CLOSURES PRIOR TO TRAIN SHUTDOWN PERIOD.

STEP 2: AFTER APM SYSTEM IS SHUT DOWN FOR CONSTRUCTION, RELEASE HANGERS FOR THE UTILITIES INCLUDING PIPES AND APM HARDWARE COMPONENTS ATTACHED TO THE BRIDGE STRUCTURES. PROVIDE NECESSARY SUPPORTS TO THE UTILITIES AS NEEDED TO AVOID ANY DAMAGE. RELEASE UTILITY CONNECTIONS AT PIER SUPPORTS TO ALLOW AN UPWARD MOVEMENT OF AT LEAST 1".

STEP 3: RELEASE TRACKS AT EACH EXPANSION JOINT TO BE DISCONTINUOUS ACROSS THE JOINT. TRACKS SHOULD BE FREE TO MOVE AT THE JOINT TO ALLOW AN UPWARD MOVEMENT OF AT LEAST 1".

STAGE 2:

STEP 1: INSTALL JACKING BEAMS AT EXPANSION JOINT LOCATIONS AS NEEDED.

STEP 2: JACK DROP-IN SPANS IN SPANS 2, 4, 6, 8, AND 12. THE CONTRACTOR CAN JACK AND REPLACE BEARINGS FOR ONE SPAN AT A TIME OR JACK AND REPLACE BEARINGS IN MULTIPLE SPANS AT THE SAME TIME DEPENDING ON THE RESOURCES AVAILABLE AND PROJECT SCHEDULE. FOR JACKING EACH SPAN, EACH END OF EACH DROP-IN SPAN SHALL BE JACKED UP SIMULTANEOUSLY WITH A MINIMUM OF 4 JACKING BEAMS UTILIZED. PRIOR TO JACKING,

VERIFY

ALL UTILITY CONNECTIONS TO THE DROP-IN SPAN ARE CLEARED FOR AN UPWARD MOVEMENT. AFTER JACKING UP THE BEAMS, SECURE THE BEAMS WITH SHIM SUPPORTS AND LATERAL RESTRAINTS FOR STABILITY.

STEP 3: BREAK WELDS BETWEEN THE EXISTING BEARING AND THE EXISTING STEEL GIRDERS WITH A GRINDER AND INSTALL NEW BEARING ASSEMBLY.

STEP 4: RELEASE THE JACKS AND RESTORE ASSOCIATED UTILITY CONNECTIONS.

STAGE 3:

STEP 1: JACK EXISTING GIRDERS OVER PIERS, SPAN 3 AND / OR SPAN 7. THE CONTRACTOR CAN JACK AND REPLACE BEARINGS FOR ONE SPAN AT A TIME OR JACK AND REPLACE BEARINGS FOR BOTH SPANS AT THE SAME TIME DEPENDING ON THE RESOURCES AVAILABLE AND PROJECT SCHEDULE. FOR JACKING EACH SPAN OVER PIERS, THE ENTIRE SPAN SHALL BE JACKED UP SIMULTANEOUSLY WITH A MINIMUM OF 16 JACKS UTILIZED. PRIOR TO JACKING, VERIFY ALL UTILITY CONNECTIONS TO THE SPAN ARE CLEARED FOR AN UPWARD MOVEMENT. AFTER JACKING UP THE BEAMS, SECURE THE BEAMS WITH SHIM SUPPORTS AND LATERAL RESTRAINTS FOR STABILITY.

STAGE 4

STEP 2: BREAK THE WELDS BETWEEN THE EXISTING BEARING AND THE EXISTING STEEL GIRDERS WITH A GRINDER, CUT THE EXISTING ANCHOR BOLTS AND REMOVE THE EXISTING BEARING ASSEMBLY AND THE CONCRETE PEDESTALS BELOW. POUR NEW CONCRETE PEDESTAL WITH RAPID HARDENING CONCRETE. AFTER THE CONCRETE REACHING A MINIMUM STRENGTH OF 4 KSI, INSTALL NEW BEARING ASSEMBLY.

STEP 3: RELEASE JACKS AND RESTORE ASSOCIATED UTILITY CONNECTIONS. GROUT ANCHOR BOLT BLOCKOUTS.

STAGE 4:

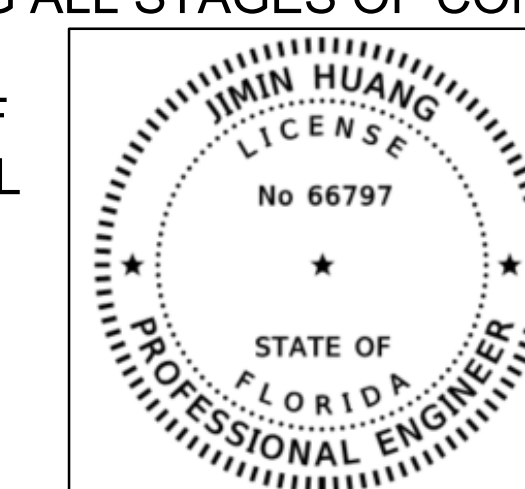
STEP 1: REPEAT STEPS IN STAGE 3 FOR SPANS 1, 5, 9, AND 13 EXCEPT FOR ADDITIONAL STEPS FOR SPANS 1 AND 13 BELOW.

STEP 2: FOR SPAN 1, AT ABUTMENT S, PRIOR TO JACKING SPAN 1 AND PORTION OF SPAN 2 OVER PIER 1G, RELEASE ANCHOR BOLTS AT ABUTMENT S AND PROVIDE TEMPORARY HOLD-DOWN FOR STABILITY.

STEP 3: FOR SPAN 13, ONLY JACK THE EXISTING GIRDER FROM THE ABUTMENT AND NO JACKING REQUIRED AT PIER 12G.

CONSTRUCTION NOTES:

- PRIOR TO SUBMIT SHOP DRAWINGS FOR NEW BEARING ASSEMBLY, THE CONTRACTOR MUST SURVEY THE EXISTING BRIDGE TO DETERMINE REQUIRED BEARING SIZES TO MATCH THE EXISTING BEARING HEIGHT AS WELL AS LONGITUDINAL AND TRANSVERSE SLOPES AT THE BEARING LOCATIONS. AFTER BEARING REPLACEMENT, THE NEW BEARING ASSEMBLY SHALL NOT CHANGE ANY GEOMETRY OF THE EXISTING GIRDERS INCLUDING ELEVATIONS AND SLOPES AT THE BEARING LOCATIONS WITHIN A TOLERANCE OF $\pm 0.05"$ FOR GIRDER ELEVATIONS AND ± 0.0015 RAD FOR LONGITUDINAL AND TRANSVERSE SLOPES. THE NEW BEARING PADS SHALL BE LOADED UNIFORMLY AFTER REPLACEMENT.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SURVEY ALL UTILITIES ATTACHED TO THE EXISTING BRIDGES AND PROVIDE SHOP DRAWINGS ON MEANS AND METHODS FOR RELEASING UTILITIES INCLUDING THOSE HANGED UNDER THE BRIDGE AND ALSO THE PIPES AND CONDUITS ATTACHED TO THE BRIDGE. THE SHOP DRAWINGS SHALL INCLUDE SKETCHES SHOWING THE UTILITY IMPACTED BY THE WORK AND ALSO SUPPORT CALCULATIONS TO ALLOW THEM TO BE RELEASED FOR AN UPWARD MOVEMENT OF AT LEAST 1" WITHOUT DAMAGING THE ATTACHMENTS OR THE EXISTING GIRDER. RELEASING APM COMPONENTS AND/OR TRACKS DURING JACKING OPERATION IS NOT INCLUDED IN THE CONTRACT. THE CONTRACTOR SHALL COORDINATE WITH MIA APM MAINTENANCE ON THE SCHEDULE OF RELEASING APM COMPONENTS AND/OR TRACKS FOR JACKING PRIOR TO THE TRAIN SHUTDOWN PERIOD.
- THE CONTRACTOR'S SPECIALTY ENGINEER IS RESPONSIBLE FOR DETERMINING THE NEED FOR TEMPORARY BRACES, TEMPORARY SHORING, HOLD CRANES, ETC. TO ENSURE STABILITY OF THE STRUCTURES DURING ALL STAGES OF CONSTRUCTION.
- THE CONTRACTOR'S SPECIALTY ENGINEER IS RESPONSIBLE FOR THE DESIGN AND DETAILING OF TEMPORARY BLOCKING, GIRDER END RESTRAINTS, AND ANY SUPPORT SYSTEM USED FOR LOCAL STABILITY.
- EXCEPT FOR BEARING REPLACEMENT STAGES ON THE SHEET, OTHER REPAIR WORK SHOWN ON THE PLANS CAN BE PERFORMED PRIOR, DURING, OR AFTER THE TRAIN SHUTDOWN PERIOD.
- REMOVE WELDING WITH A GRINDER OR USING OTHER METHOD APPROVED BY THE ENGINEER.



ENGINEER OF RECORD: JIMIN HUANG
FL PE NO. 66797



REVISION MARK	REVISION DESCRIPTION	DATE
REVISION 1	REVISED NOTE 2.	04/22/24

ISSUE DATE:	05/25/2022
DESIGNED BY:	JH
DRAWN BY:	EC
CHECKED BY:	JH
SUBMITTED BY:	JH
SIZE:	ANSI F
MIAMI-DADE AVIATION DEPARTMENT	
MIAMI INTERNATIONAL AIRPORT	
MIAMI-DADE COUNTY	
P.O. BOX 582075 MIAMI, FL 33159	
3250 WEST COMMERCIAL	
BOULEVARD, SUITE 100	
FORT LAUDERDALE, FL 33309	

MIAMI INTERNATIONAL AIRPORT	CONSTRUCTION SEQUENCE
CONCOURSE "E" SATELLITE	
APM BRIDGE REHABILITATION PROJECT	
MIDAD PROJECT NUMBER: AB003A	

SHEET ID	S18
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ADDENDUM No. 1

ATTACHMENT 3

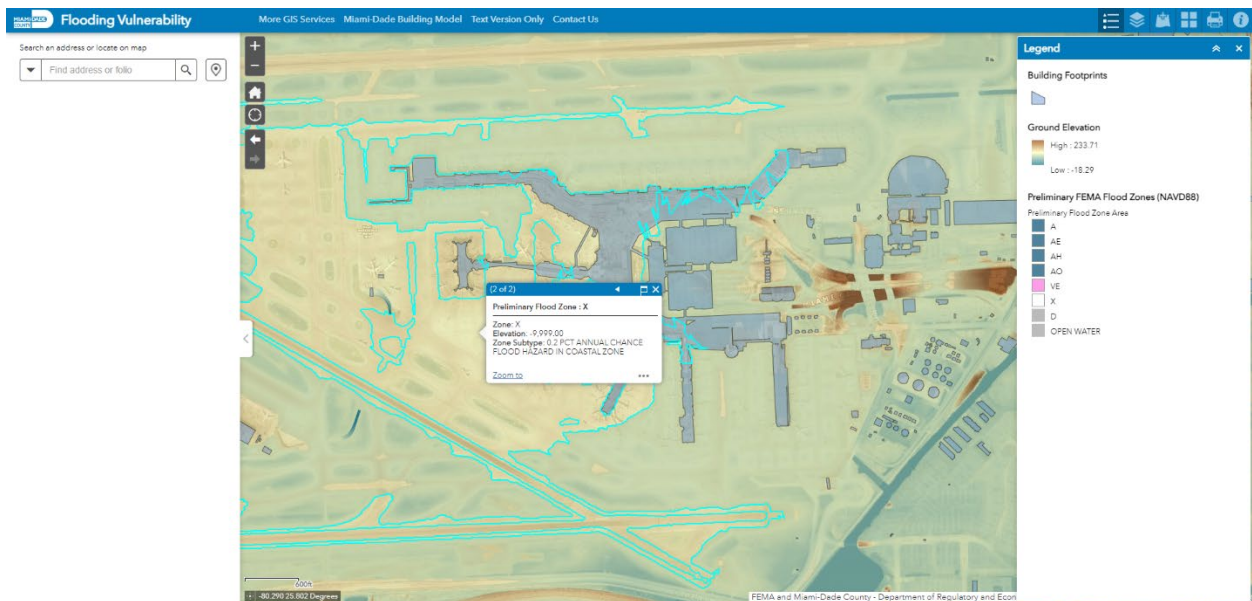
SEA LEVEL RISE ORDINANCE:

This project is at little to no risk of sea level rise impacts as this part of the airport (Concourse E) is at relatively high ground (7-9 ft NAVD88) and quite inland. Both the effective FEMA Flood Zone Maps and the Preliminary FEMA Flood Zone Maps show this area as being outside the special flood hazard area (see snapshot below from the [Flooding Vulnerability Viewer](#)). In addition, it's a bridge rehab project where, aside from supporting columns, a majority of the work of the actual bridge is occurring at 23 to 38 ft in elevation.

OOR recommends that the project design does not need to be altered or go beyond minimum local/state/federal code requirements due to low risk.

It is recommended to include a statement for sea level rise consideration such as:

“The location of the project is at relatively high ground, is occurring mostly high above the ground surface and faces very low risk of sea level rise related impacts. Therefore, the Office of Resilience recommends the project proceed while following all applicable local, state, and federal design and construction codes and requirements.”



SUSTAINABLE BUILDINGS PROGRAM

We have reviewed this project and determined that due to the scope this project will not need to pursue LEED certification and instead should be pursuing “Maximum Sustainable Measures” under the Sustainable Buildings Program. Below is some sample contract / agreement language you may want to include in your project documents or share with the developer:

Projects that involve the planning, budgeting, design, construction, operations, management, renovation, maintenance and decommissioning of buildings or infrastructure owned, in county land, financed, or operated by the County shall comply with the requirements of the County's Sustainable Buildings Program. The Sustainable Buildings Program (SBP) is codified in [Chapter 2, Article I, Sec. 2-1, BCC Rule 5.10](#), and [Chapter 9, Article III, Sec. 9-71 through 9-75](#), of the Code of Miami-Dade County, together with [Implementing Order 8-8 \(IO 8-8\)](#), constitute the "Sustainable Buildings Program."

In accordance with the scope and nature of this project, the Vendor is required to design and construct the project to meet the County's "Maximum Sustainable Measures" as prescribed by the Sustainable Buildings Program. Based on the information below, as the initial assessment, the Vendor shall provide a list of "Maximum Sustainable Measures" they determine the project can pursue and implement, and which shall include all applicable credits from the [LEED BD+C: Transit checklist](#). The Office of Resilience will conduct a second assessment to develop a comprehensive list of "Maximum Sustainable Measures", to mutually agreed upon the department, the Office of Resilience, and Vendor.

The construction of the infrastructure must be in compliance with any and all green building requirements of the County for new construction projects, in addition to any and all Florida building code restrictions and/or requirements, or requirements related to federal funding or tax benefits. This may include, but is not limited to, County requirements related to Sea Level Rise (Resolution No. R-451-14 and Ordinance No. 14-79), Cool Roofs (Resolution R-1103-10 and Resolution R-54-18), Solar Hot Water and Solar Photovoltaic Feasibility Evaluation (Resolution R-303-17), and Life Cycle Cost Analysis (LCCA) (County Administrative Order AO 11-3).

The Vendor acknowledges and agrees that the appropriate standard certification or designation means that the project shall be constructed to meet certain sustainability specifications as outlined by the Miami-Dade County Office of Resilience, which will include various "green" or environmentally responsible features including, but not limited to, the preparation of the project site, as well as the design and construction of the infrastructure and/or other improvements. The Vendor agrees to regularly provide the County with copies of any and all records and/or reports (including but not limited to any approvals, rejections and/or comments) to establish that the Vendor is in fact proceeding with the construction in a manner to ensure that appropriate designation can be secured from the appropriate entity. The Vendor also hereby acknowledges and agrees that it must incorporate high performance infrastructure concepts and technologies to enhance the overall design and construction of the building(s), while simultaneously making all other environmentally responsible improvements to public spaces.

There are additional green building requirements that County projects must comply with. Please review the checklist below. Additional information on each of the requirements is also provided after the checklist.

Status	County Policies	Check if Applicable
Required	Sustainable Buildings Program - Envision and/or LEED Certification (Sustainable Buildings Program Ordinance (07-65) , Sections 9-71 through 9-75 , and (Resolution R-617-17)	<input checked="" type="checkbox"/>
Required	Sea Level Rise (Resolution No. R-451-14 and Ordinance No. 14-79)	<input checked="" type="checkbox"/>
Required	Cool Roofs (Resolution R-1103-10 and Resolution R-54-18)	<input checked="" type="checkbox"/>
Required	Benchmarking Energy and Water Use and use of Energy Star Certified products when available (Resolution R-228-09 , Resolution R-918-12 , and Resolution R-795-12)	<input checked="" type="checkbox"/>
Required	Solar Hot Water and Solar Photovoltaic Feasibility Evaluation (Resolution R-303-17)	<input checked="" type="checkbox"/>
Required	Life Cycle Cost Analysis (LCCA) (County Administrative Order AO 11-3)	<input checked="" type="checkbox"/>
Required	Green Procurement Preference Program (Resolution 1053-09)	<input checked="" type="checkbox"/>
Required	Minimize the Purchase of polystyrene products (Resolution R-500-16)	<input checked="" type="checkbox"/>

- **Sea Level Rise ([Resolution No. R-451-14](#) and [Ordinance No. 14-79](#)):** All County building and infrastructure projects that come before the Board of County Commissioners must consider sea level rise in their planning, design, and construction.
- **Cool Roofs ([Resolution R-1103-10](#) and [Resolution R-54-18](#)):** All County-owned or -operated facilities, including those subject to the SBP, as well as public and affordable housing projects, must comply with the “cool roof” requirement. For these qualifying projects, all new construction, roofing maintenance, and re-roofing work where the surface material is being replaced must utilize highly reflective and emissive materials that remain significantly cooler than traditional materials. “Cool roof” materials must meet the standards for solar reflectance and thermal emittance as determined by the Cool Roof Rating Council (CRRC-1) Product Rating Program, and shall be labeled and certified by the manufacturer. In addition, all solicitations for public and affordable housing projects with a contract value of over one million dollars must include a requirement for energy-efficiency reflective roofs or green roofs. These requirements must be based on LEED or similar certification standards for roofs and must be a part of any contract resulting from the solicitation.

- **Solar Hot Water and Solar Photovoltaic Feasibility Evaluation ([Resolution R-303-17](#))**: Existing County properties must be evaluated for the feasibility of using solar hot water and solar photovoltaic installations to generate electricity. This evaluation, at a minimum, must include a preliminary analysis of the following: the estimated cost of installation and maintenance; available area where solar photovoltaic and solar hot water systems could be placed; the amount of electricity and hot water that are being used by the County onsite; and the opportunity to net-meter the output. The study shall also identify different funding options and creative low-interest financing opportunities using the County's own property and rooftops.
- **Benchmarking Energy and Water Use and use of Energy Star Certified products when available ([Resolution R-228-09](#), [Resolution R-918-12](#), and [Resolution R-795-12](#))**: All County buildings and projects, once occupied/functional, must continuously benchmark and track whole-building energy and water consumption using EnergyCAP, the County's utility billing management system software platform. This data must also be transmitted, via EnergyCAP or manual upload, to the free federal benchmarking tool known as EnergyStar Portfolio Manager. Energy and water usage for individual units is not required to be reported. These systems help the County strategically manage electricity and water usage and bills, obtain energy and water use intensity values (and in some cases ENERGY STAR ratings), and help with other functions for County facilities. Finally, all product types qualified by and incorporated into an Energy Star certification category that are procured for a project shall have an EnergyStar certification

 - Whole building data can be obtained through a variety of methods, such as utility meters, sub-meters, and building management systems. In all cases, water and electricity meter numbers, premise numbers, and all other building information required for benchmarking shall be entered into the County's ECAP utility billing management system. The Office of Resilience continues to work with Florida Power and Light (FPL) to obtain whole building data for multi-Vendor/multi-family buildings in the County's Portfolio.
- **Life Cycle Cost Analysis (LCCA) ([County Administrative Order AO 11-3](#))**: Life Cycle Cost Analysis (LCCA) of specific equipment for the County Project is required. LCCA is an analysis that determines the most cost-effective option among different competing alternatives by including all direct and externalized costs associated with processes, materials, and goods (more than initial costs are considered) when estimating the actual total cost of an investment.
- **Green Procurement Preference Program ([Resolution 1053-09](#))**: Resulted in Miami-Dade County "[Buy Green](#)" Purchasing Policy and associated 11/2/2010 Memorandum to all Department Directors specifying the following 17 green commodity priority categories:

- Janitorial Services – shall require contractors to use Green Seal or EcoLogo certified products
- Carpet – shall contain the highest level of recycled content practical
- Computers and Electronic Equipment – shall have EnergyStar and EPEAT certifications as applicable
- Pest Control – shall use an Integrated Pest Management process
- Paint – shall be VOC and lead-free
- Energy using systems and appliances - all product types that are incorporated into an Energy Star certification category shall have an EnergyStar certification.

Based on the above the developer needs to formally review the LEED checklist (or appropriate substitute – please see IO 8-8 for guidance on how to request a substitution of standard) and provide a list of “Maximum Sustainable Measures” they determine the project can pursue and implement. Please note that proposed “Maximum Sustainable Measures” shall include the items marked in the checklist above. Office of Resilience will review the proposed list and add any other pertinent green measures that developer may have missed (if necessary) to finalize the list of “Maximum Sustainable Measures” for the project.

Below please see an example or starting point for the list of “Maximum Sustainable Measures:”

- OOR General Materials & Procurement Recommendations:
 - For any procurement related items associated with this project please review and follow the required Miami-Dade County “Buy Green Purchasing Policy” identified in [Resolution 1053-09](#) and the associated 11/2/2010 Memorandum.
 - For any electronics associated with this project:
 - <https://www.usgbc.org/credits/existing-buildings/v41/mr127?return=/credits/Existing%20Buildings/v4.1>
 - EPEAT rating. The equipment must have a silver Electronic Product Environmental Assessment Tool (EPEAT) rating or better.
 - ENERGY STAR rating. If the equipment does not yet fall under the EPEAT rating systems, it must be ENERGY STAR® qualified or performance equivalent for projects outside the U.S.
 - Lamps. Lamps must contain no mercury (with equivalent energy efficiency as mercury containing lamps) or have an average low mercury content of 25 picograms per lumen-hour or less.
 - Additional product labels and certifications to pursue, when applicable and available:
 - Health Product Declaration. The end use product has a published, complete Health Product Declaration with full disclosure of known

hazards in compliance with the Health Product Declaration Open Standard.

- This certification is used extensively by SFO to guide their materials/product selection for LEED-compatible or certified renovations
- Cradle to Cradle Certified. Products purchased have earned Cradle to Cradle certification of any level, Version 3 or newer.
- Declare. The Declare label must indicate that all ingredients have been evaluated and disclosed down to 1000 ppm.
- ANSI/BIFMA e3 Furniture Sustainability Standard: Documentation from the assessor or scorecard from BIFMA must demonstrate the product earned at least 3 points under 7.5.1.3 Advanced Level in e3-2014 or 3 points under 7.4.1.3 Advanced Level in e3-2012.
- Product Lens certification Facts - NSF/ANSI 336. Sustainability Assessment for Commercial Furnishings Fabric at any certification level
- Environmental product declaration (EPD): Products having an environmental product declaration that conform to ISO 14025, 14040, 14044, and EN 15804 or ISO 21930 and have at least a cradle to gate scope. The EPD can be either industry-wide (generic) EPD or product specific Type III EPD with third party external verification in which the manufacturer is explicitly recognized as the participant by the program operator.
- Zero Waste Manufacturing: Products are made from manufacturers that have achieved certification of their waste minimization during operations. Acceptable certifications include third-party verified TRUE (zero waste certification) and UL Standard 2799.
- Additional details and guidance: <https://www.usgbc.org/credits/existing-buildings/v41/mr127?return=/credits/Existing%20Buildings/v4.1>
- Paint
 - Utilize: low odor, no VOC, water-based, latex paint.
 - OOR General Recommendation:
 - Please review and utilize the guidelines on low-emissions paint provided here: <https://www.usgbc.org/credits/new-construction-core-and-shell-schools-new-construction-retail-new-construction-data-38>

ADDENDUM No. 1

ATTACHMENT 4



SPECIAL PROVISION

DISADVANTAGED BUSINESS ENTERPRISE (DBE) **PARTICIPATION PROVISIONS** **PROPOSER**

Disadvantaged Business Enterprise (DBE) participation goals are applicable to airport construction and design contracts that receive Federal Airport Improvement Program (AIP) grants. The contract to be awarded under this solicitation is subject to the DBE Program requirements described below.

01 OBLIGATIONS

The Proposer, Sub-contractor shall not discriminate on the basis of race, color, national origin, or sex in the award and performance of any DOT assisted contract or in the administration of its DBE Program or the requirements of 49 CFR Part 26. The Proposer shall take all necessary and reasonable steps under 49 CFR Part 26 to ensure nondiscrimination in the award and administration of DOT assisted contract. The DBE Program, as required by 49 CFR Part 26 and as approved by DOT, is incorporated by reference in this agreement. Implementation of this Program is a legal obligation and failure to carry out its terms shall be treated as a violation of this agreement.

(a) Each sub-contract the prime Proposer signs with a Sub-contractor must include the following assurance:

“The Proposer shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The Proposer shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of this contract. Failure by the Proposer to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedies as deemed appropriate.”

02 ELIGIBILITY

To be eligible for participation in a Federally-assisted contract as a DBE, a company must be a business organized for profit and must qualify as a Disadvantaged Business Enterprise (DBE) under 49 CFR Part 26. The definition of a DBE is provided in Special Provision (SP) (07) (A).

The apparent successful Proposer who claims DBE status, and all of its Sub-contractors claiming DBE status, must be certified by the Florida Unified Certification Program (FLUCP) prior to Bid Submittal. All DBE firms shall keep their DBE certifications current throughout the life of the contract. If a DBE certified firm participating in this contract exceeds the small business size standard during the term of this contract, the firm may continue to be considered a DBE for purposes of calculating DBE participation for this contract until this contract expires. If a DBE certified firm participating in this contract becomes ineligible for DBE certification for any reason other than growth in its annual gross receipts during the term of this contract (e.g., the DBE is purchased by a large firm), the County reserves the right to require the Proposer to substitute a certified DBE firm to perform the ineligible DBE's work under this contract.

Application for certification as a DBE may be obtained by contacting the Florida DOT Equal Opportunity Office located at FLUCP 605 Suwannee Street, MS 65 Tallahassee, Florida 32399-0450. Telephone (805) 414-4747, Fax: (805) 414-4879, or their website: www.dot.state.fl.us/equalopportunityoffice. Miami-Dade County's Office of Small Business Development (SBD) is a certifying member of Florida Unified Certification Program (FLUCP) and can also be contacted for DBE certification. SBD is located at 111 N.W. 1st Street, Stephen P. Clark Center, 19th Floor, Miami Florida 33128-1974 or by telephone at (305) 375-3111 or facsimile at (305) 375-3160, or visit their on-line certification website at: www.mdcsbd.gob2g.com.

The Florida UCP updates the certification data every 24 hours and revises the database regularly. The database lists the firm's name, address, phone number, date of most recent certification, certifying agency and type of work the firm has been certified to perform.

03 DBE PARTICIPATION

- A. The DBE goal will be listed on the Project Worksheet and bid documents. By signing the offer, Proposer commits to make good faith efforts to achieve the DBE goal, unless a waiver request is submitted with the bid/offer. Failure to sign the offer or submit a waiver request with the offer will result in the offer being found in nonconformance with the RFP and may be rejected. The County will treat all other matters of DBE participation (for example, whether the Proposer has made a good faith effort to meet the DBE goal, the sufficiency of the submitted Contract Participation Form (Exhibit B), or whether a DBE for whom pre-award substitution is sought was proposed in good faith) as matters relating to the Proposer's responsibility that the County may determine prior to award through communications with the Proposer(s) in question.

- B. The following DBE participation clauses apply to this solicitation:

1. The DBE goal is a percentage of the total value of the contract. The Proposer shall promptly, using reasonable measures, notify all DBE firms participating in this contract to renew their DBE certifications and notify their certifying agency immediately of any change in status that would affect their DBE certification.
 2. If the Proposer is not a DBE, the DBE goal may be met by first tier subcontracts with DBEs.
 3. No Proposer that seeks to meet the DBE goal through subcontracting shall be considered to have met this goal unless the DBE Sub-contractor(s) is certified by the FLUCP as a DBE and performs a commercially useful function as defined in SP (07)(A).
 4. When modifications to the contract increase the total dollar value of the contract, the Proposer shall make best efforts under the circumstances to maintain the DBE participation so that by completion of the contract, the DBE goal and the dollar value for services performed by DBEs would have met the contract requirements. The Proposer must submit a revised Contract Participation Form and Revised Utilization Form (s), or other documentation acceptable to the County, which reflects changes in the DBE participation associated with the modifications to the contract.
 5. The County discourages Proposers and subs from the practice known as "shopping the contract" when such practice results in a disparate impact on Sub-contractors at any tier. Although Proposers and subs are expected to provide the County with the best value possible for the work performed, this expectation should not be construed to mean that the County expects or condones any Sub-contractor, including DBEs, to perform work at an unreasonably low price.
 6. The County is committed to significant participation of minority and woman-owned business enterprises in this contract and encourages Proposers to meet the DBE participation goal with significant participation by minority-owned businesses who qualify as DBEs.
- C. Where subcontracting is proposed, the County may evaluate the amount of work subcontracted, the industry practices involved, and any other relevant factors in determining whether the DBE is performing a commercially useful function, as defined in SP (07) (A). If a DBE does not perform or exercise responsibility for at least thirty percent (30%) of the total value of its contract with its own work force, or the DBE subcontracts a greater portion of its work than would be expected on the basis of normal industry practice for the type of work involved, it may be presumed that the DBE is not performing a commercially useful function.

D. Computing DBE participation

Proposers shall apply the following rules to determine whether their DBE participation will meet the contract's DBE goal:

1. When a DBE participates in a contract, only the value of the work performed by the DBE can be counted toward the DBE goal.
2. A prime Proposer who is an eligible DBE certified by the FLUCP can count the amount of its own participation in the contract towards the DBE goal, provided that it is performing a commercially useful function as defined in SP (07) (A). Subject to the conditions in SP (03)(D) (4-11) below, it can also count the total value of the work that other DBEs perform under a subcontract, provided that the DBE is performing a commercially useful function and is certified by the FLUCP.
3. Once a prime contract or subcontract has been awarded to a certified DBE, the DBE must remain certified until its work is complete on the project. The dollar value of work performed under this contract by a firm after it has ceased to be certified as a DBE, or if its certification lapses, will not be counted toward DBE participation.
4. The County will not credit the participation of a DBE Sub-contractor toward the prime Proposer's DBE achievement until the amount being counted has been paid to the DBE.

The following subsections discuss the County's approved methods of calculating DBE participation for certain types of subcontracts.

5. A non-DBE prime Proposer who plans to subcontract work to DBE firm(s) may count toward its DBE goal only the total dollar value of first tier subcontracts that DBEs will self-perform, provided that:
 - a. Each first tier DBE Sub-contractor is an eligible Sub-contractor that has been certified as a DBE by the FLUCP; and
 - b. Each first tier DBE Sub-contractor is performing a commercially useful function in the work of the contract as defined in SP (07)(A).
6. A non-DBE prime Proposer who plans to obtain supplies or materials from a DBE manufacturer (i.e., a producer of goods from raw materials or one which substantially alters them before resale) may count towards its DBE goal the total dollar value of first tier DBE manufacturer subcontracts provided that:

- a. The manufacturer has been certified as a DBE by the FLUCP; and
 - b. The DBE assumes the actual responsibility for directly manufacturing the materials or supplies.
7. A non-DBE prime Proposer who plans to obtain supplies or materials from a DBE stocking distributor or stocking supplier may count towards its DBE goal sixty percent (60%) of the first tier DBE distributor and stocking supplier contracts provided that:
 - a. The stocking distributor or stocking supplier has been certified as a DBE by the FLUCP; and
 - b. The DBE assumes the actual responsibility for directly providing the materials or supplies.
8. A non-DBE prime Proposer who plans to obtain materials or supplies from a DBE non-stocking supplier or distributor, (i.e., a DBE broker, agent, or packager) may count only the broker, agent or packager fee plus transportation cost (usually not more than five percent (5%) of the total value of the subcontract) toward its DBE goal provided that the DBE broker, agent or packager is certified as a DBE by the FLUCP.
9. A non-DBE prime Proposer who plans to obtain the services of a DBE hauling/trucking firm may count towards its DBE goal:
 - a. The full value of the transportation services provided by the DBE, provided that the DBE hauling/trucking Sub-contractor is using trucks it owns, insures, and operates using drivers it employs, is performing a commercially useful function as defined in SP (07)(A), and is certified as a DBE by the FLUCP under an appropriate North American Industry Classification System (NAICS) code. The DBE may also receive credit for the full value of the transportation services it provides using trucks leased from another DBE firm, including an owner operator who is certified as a DBE. The DBE who leases trucks from a non-DBE firm is entitled to credit only for the fee or commission it receives as a result of the lease arrangement. The DBE does not receive credit for the total value of the transportation services provided by the lessee, since these services are not provided by a DBE.
 - b. The cost of materials/supplies may not be counted toward the total value of the hauling firm's subcontract unless the DBE hauling firm is also certified as a DBE stocking supplier or non-

stocking supplier, and requirements in SP (03)(D)(7) or (8) are met. The total subcontract value, the hauling/trucking fee, and the materials price shall be listed on Exhibits B as separate line items.

10. A non-DBE prime Proposer who plans to lease or rent equipment from a DBE equipment rental firm may count the total value of the rental/lease contract provided that:
 - a. The DBE equipment rental firm is certified as a DBE by the FLUCP under an appropriate NAICS code; and,
 - b. the equipment is used for the performance of a distinct element of the contract work; and,
 - c. the rental/lease cost(s) are not in excess of industry standard rates for leased or rented equipment; and,
 - d. the DBE equipment rental firm must actually own or control the equipment and maintain a yard or other facility where such equipment is stored.

E. Proposer Conformance with DBE Requirements

1. Documents to Be Submitted with Bid/Offer Submission

- a. To be in conformance with this solicitation, the Proposer is required to commit to meeting the DBE participation goal. **The Proposer's signature on this offer signifies its commitment to the goal.** If the Proposer is unable to commit to all or any portion of the DBE goal, it must submit a DBE Goal Waiver Request Form (Exhibit D) in accordance with the requirements of SP (04) below with this offer to be in conformance with this solicitation.
- b. Contract Participation Form

All Proposers (including those who are FLUCP certified DBEs who plan to count themselves to fulfill the DBE goal) shall submit a Contract Participation Form (Exhibit B) with their offers. Exhibit B is to list all firms that are participating in the contract and to provide all information required by the Exhibit. This form must be signed and dated by the prime Proposer's representative.
- c. Bidder List

The Department of Transportation regulations under 49 CFR Part 26 require all Proposers to identify all firms (DBEs and non-DBEs) who attempted to participate as Sub-contractors or suppliers on this federally assisted contract. All Proposers shall complete the Bidder's List (Exhibit C), including all firms, both DBEs and non-DBEs, that quoted to Proposer on potential subcontracts and supplies for this contract.

d. Utilization Form (includes Letter of Intent)

The apparent successful Proposer shall submit original signed Letters of Intent (Exhibit A) from each of the DBEs identified on the Contract Participation Form (Exhibit B) as those firms which will perform work to meet the DBE goal of this solicitation. Each DBE Utilization Form shall be filled out and signed by the DBE and co-signed by the Proposer. A detailed description of the DBE's scope of work must be provided on Exhibit B.

Under this solicitation, the signed DBE Utilization Form represents intent by the DBE to perform the subcontract at the price stated on the Contract Participation Form (Exhibit B), if the offer is accepted by the County without negotiation. However, if price negotiation occurs, the Proposer shall submit to the County a revised Exhibit B with its revised offer, and within three (3) business days after the Contracting Officer's request (Exhibit B). The Proposer is not required to renegotiate prices with any DBEs identified on the initial Exhibit B; consequently, the revised Exhibit B submitted after negotiations between the County and the Proposer is not required to show any change to the original price agreed to by the DBE.

2. DBE Certification

- a. All DBEs must be certified by the FLUCP as DBEs pursuant to 49 CFR Part 26 prior to Bid submittal.
- b. All DBEs shall keep their DBE certifications current and shall immediately notify their certifying agency and the County if they become ineligible for DBE certification.

3. Failure to Submit Documents and Information

Failure to submit Contract Participation Form (Exhibit B), DBE Utilization Form/Letters of Intent (Exhibit A), Bidder's List (Exhibit C), DBE Goal Waiver Request Form (Exhibit D, if needed), and

DBE Unavailability Certification (if needed) by a deadline of Bid Submittal will result in the bid/offer being found nonresponsive.

04 REQUEST FOR WAIVER

- A. If a Proposer is unable to meet all or any part of the DBE participation goal, the Proposer must submit a Request for Waiver (Exhibit D) of the goal with the offer. The Request for Waiver must demonstrate that the Proposer has made a good faith effort to meet the DBE participation goal. The Request for Waiver must include a detailed report of the efforts employed by the Proposer to meet the DBE goal, and such reporting must sufficiently satisfy the County that the requested waiver is justified. If the County is not satisfied that the requested waiver is justified, the Proposer will be notified in writing that the good faith efforts were not met. The notification will provide the Proposer an opportunity for an administrative reconsideration. The request for administrative reconsideration shall be postmarked not later than seven (7) days after the initial notification of denial of the waiver was received by the Proposer. As part of this administrative reconsideration, the Proposer will have an opportunity to provide written documentation and argument concerning the issue of whether it met the goal or made adequate good faith efforts to do so. If requested, the Proposer will be provided an opportunity to meet with the reconsideration official prior to the issuance of a final decision. If the reconsideration official determines that good faith efforts were not made, the County may reject the offer. The Proposer will be notified of the reconsideration official's decision in writing. The decision is final and is not administratively appealable to the U.S. Department of Transportation. Note: A waiver of any portion of the DBE goal does not relieve the Proposer of its responsibilities and requirements under SP (03)(E) concerning submission of the Contract Participation Form, DBE Utilization Form (including Letter(s) of Intent) and certification documents for the DBE participation that the Proposer has proposed.
- B. The Proposer's report supporting the waiver request shall include documentation to substantiate that good faith efforts were made. The Request for Waiver Procedure Form (Exhibit D) contains a sample list of the efforts that a Proposer may make. This list is not intended to be exclusive or exhaustive.

The good faith efforts of a Proposer shall be evaluated by the County to determine whether the efforts to obtain DBE participation were those that a firm aggressively seeking Sub-contractors would take in the normal course of doing business; whether the steps taken had a reasonable probability of success; and whether based upon the size, scope and complexity of the subcontract, there were qualified DBE firms available and willing to accept the contract at a competitive price.

Efforts that are merely pro forma are not good faith efforts to meet the goal. Efforts to obtain DBE participation are considered pro forma, even if they are

sincerely motivated, if, given all relevant circumstances, they could not reasonably be expected to produce a level of DBE participation to meet the DBE goal. For example, advertising or bulk mailings, alone or together, are considered pro forma and not good faith efforts unless followed up with telephone calls and/or correspondence consistent with normal business practice. If the DBE provides an offer, reasonable efforts to negotiate must be demonstrated.

C. Documents Required for Good Faith Efforts Waiver

1. The Request for Waiver of the DBE goal, the Report of Good Faith Efforts, and all documentation of good faith efforts (Exhibit D) shall be submitted by a Proposer with its offer by the bid/offer deadline. Failure to submit the Request for Waiver with the offer will cause the offer to be rejected as nonconforming to the solicitation.
2. DBE Unavailability Certificate Forms (Exhibit E) are to be used if the DBE contacted responded to the prime Proposer and stated that it was unavailable for a specific reason. These forms, if applicable, shall be submitted with the Request for a Waiver (Exhibit D) of the goal.

D. SBD will assist Proposers by identifying FLUCP certified DBE firms. Upon request, a directory of Local DBE firms will be provided for information only. The SBD does not warrant or guarantee the performance capability of any firms listed therein. The Office of Small Business Development may be contacted at (305) 375-3135, or at the following e-mail addresses: Gayna.McDonald@miamidade.gov or Diana.Bazile@miamidade.gov .

05 PREAWARD SUBSTITUTIONS

The County expects Proposers to achieve DBE participation using the firm(s) specified on the Contract Participation Form (Exhibit B). On occasion it may be necessary to substitute other firms to achieve the DBE participation. No substitution may occur without the County's prior written approval. The County will approve a proposed substitution if it determines that the Proposer has acted in good faith in attempting to meet the DBE participation achievement and if the County concurs that the substitution is necessary. The following are some examples of when substitution may be necessary:

- A. Death or physical disability, if the named DBE prime Proposer, DBE Sub-contractor, or DBE partner(s) of the joint venture is an individual.
- B. Dissolution, if a corporation or partnership.
- C. Bankruptcy.

- D. Inability to obtain, or loss of, a license necessary for the performance of the category of work.
- E. Failure to comply with the terms and conditions of its subcontract agreement.
- F. Voluntary decision by the DBE to not participate on the project prior to signing the DBE Utilization Form (Exhibit A).
- G. The County determines that a named DBE is unlikely to perform a commercially useful function or is unable to perform work of the nature and scope claimed for it and the County finds that the Proposer acted in good faith with respect to its decision to propose that DBE.

06 POST-AWARD COMPLIANCE

A. Compliance Reviews

- 1. The County may conduct post-award compliance reviews to ensure that the named DBEs on the original or, as a result of contract modification, amended Contract Participation Form (Exhibit B), submitted to and accepted by the County, perform the work as assigned, and at least at the agreed price that was identified on Exhibit B. Specifically, compliance reviews verify: (1) the participation of those DBE Sub-contractors identified on Exhibit B; (2) the scope of work for each DBE listed on Exhibit B; and, (3) at least at the agreed price identified for each DBE listed on Exhibit B. The County may review the Business Management Workforce System (BMWS), or other appropriate information, to verify the participation of each DBE Sub-contractor identified on Exhibit B, as submitted by the prime Proposer. Outlined on these forms will be the activities of all first-tier Sub-contractors, for the purpose of monitoring the progress of all phases of the contract.
- 2. The County is committed to equitable treatment and meaningful utilization of, and timely payment and return of retainage to, DBE Sub-contractors. All Proposers are advised that the contract resulting from this solicitation will include the Sub-contractor payments and return of retainage clause that reflects the Regulatory prompt payment time period.

B. By accepting this contract, the Proposer agrees to the following requirements:

- 1. The Proposer shall submit a revised Contract Participation Form and Revised Letter(s) of Intent, or other documentation acceptable to the County, which reflects changes in the DBE participation associated with the modifications to the contract within three (3) days of the Compliance Monitoring officer's request.

2. The Proposer shall be responsible for reporting all payments to sub-consultants, and sub-consultants must confirm the reported payments, via the County's BMWS, within the specified time frame. The Proposer is responsible for the accuracy of all information reported.
 3. The Proposer shall allow the County access to records relating to the contract, including but not limited to, subcontracts, payroll records, tax information and accounting records, for the purpose of ascertaining whether the DBEs are performing the scheduled subcontract work and the Proposer is otherwise in compliance with the contract's DBE participation goals.
 5. The Proposer shall maintain DBE Sub-contractor records of all DBE subcontracting activities. These records shall include current DBE Sub-contractor logs, and evidence of payments to DBE Sub-contractors, including but not limited to, copies of canceled checks and paid invoices. These records must evidence compliance with the terms of the contract. Copies of these records will be available to the Project Manager or the Compliance Officer to review upon request. The Proposer shall document any changes in the DBE contract resulting from increases or decreases in contract value due to contract modifications or other changes, new DBE subcontracts, completion of existing DBE contracts or approved substitution of a DBE Sub-contractor.
 6. The Proposer shall maintain a detailed record of every non-compliance issue and corrective action taken. Examples of non-compliance issues are found below in SP (06)(C).
- C. The Proposer shall be found to be in non-compliance if the Proposer fails to fulfill the DBE participation commitment contained in the Contract Participation Form (Exhibit B) and DBE Utilization Form (Exhibit A). The following are examples of non-compliance:
1. The terms of a subcontract with a DBE do not agree with the Contract Participation Form and/or DBE Utilization Form.
 2. A firm other than the DBE listed on the Contract Participation Form (Exhibit B) is performing the subcontract work listed on Exhibit B, unless the substitution was authorized by the County.
 3. The Proposer is purchasing the supplies or materials when the Proposer has represented to the County that the DBE Sub-contractor will supply both the labor and supplies or materials for the subcontract.
 4. The Proposer requires the DBE Sub-contractor to perform additional or different work than was agreed in the DBE Utilization Form (Exhibit A) and the formal contract between the prime Proposer and the DBE Sub-

contractor, without additional compensation, and without filing a Revised DBE Utilization Form (Exhibit A) with the County.

5. The Proposer is paying the DBE Sub-contractor less than the agreed price of the subcontract as defined in the DBE Utilization Form (Exhibit A), or in the Revised DBE Utilization Form (Exhibit A) without cause.
 6. The Proposer is not paying the DBE Sub-contractor in accordance with the payment provisions of their subcontract.
 7. The Proposer fails to report all payments to sub-consultants via the County's BMWS, within the specified time frame or fails to provide any other documents requested for the purpose of conducting a post-award compliance review.
 8. The Proposer's payments to a DBE Sub-contractor do not meet the DBE dollar commitment made in the Contract Participation Form (Exhibit B).
 9. The Proposer fails to accurately report payments to DBE Sub-contractor(s) in the County's BMWS.
 10. The DBE Sub-contractor enters into second tier subcontracts without written approval by the County.
 11. The DBE Sub-contractor is not performing a commercially useful function as defined in SP (07) (A).
- D. If the Proposer is found to be in non-compliance, the County may impose appropriate sanctions, (including, but not limited to, withholding of payments or termination of the contract in accordance with the DEFAULT clause) if corrective action acceptable to the County is not taken within forty-eight (48) hours (or such other time period deemed appropriate by the Monitoring Officer) after notification by the Project Manager and Monitoring Officer.
- E. If a DBE listed on the Contract Participation Form (Exhibit B) is determined not to be performing a commercially useful function and it is determined by the County that a misrepresentation was made by the DBE, the firm's DBE certification may be revoked. In such cases, the Proposer will be required to replace the DBE found to be ineligible with another eligible, certifiable DBE approved by the County that will perform a commercially useful function.
- F. Post Award Substitution: The County may permit the Proposer to make post-award DBE substitutions consistent with the principles established in SP (05) and (06).

Note: Prospective Proposer (s) must submit an executed DBE subcontract agreement as a condition of award of a contract.

07 DEFINITIONS

- A. “Disadvantaged Business Enterprise” (DBE) is defined as a for-profit small business concern that is (1) at least 51 percent owned by one or more individuals who are both socially and economically disadvantaged, or, in the case of a corporation in which at least 51 percent of the stock of which is owned by one or more such individuals; and (2) whose management and daily business operations are controlled by one or more of the socially and economically disadvantaged individuals who own it.

“Small business concern” means a small business as defined pursuant to Section 3 of the Small Business Act and relevant regulations promulgated pursuant thereto.

“Socially and economically disadvantaged individual” means any individual who is a citizen (or lawfully admitted permanent resident) of the United States, and who is—

1. any individual that the FLUCP (or FLUCP certifying member) finds to be a socially and economically disadvantaged individual on a case-by-case basis. Each such individual must submit the Personal Net Worth Statement showing that his or her personal net worth does not exceed \$1.32 million. To be considered a small business, a firm must meet SBD size criteria AND have average annual gross receipts not to exceed \$22.41 million (subject to inflation adjustment).
2. any individual in the following groups, members of which are rebuttably presumed to be socially and economically disadvantaged, provided that the individual also submits the Certification of Social and Economic Disadvantage Eligibility and the Personal Net Worth Statement showing that his or her personal net worth does not exceed \$1.32 million.
 - a. “Black Americans,” which includes persons having origins in any of the Black racial groups of Africa;
 - b. “Hispanic Americans,” which includes persons of Mexican, Puerto Rican, Cuban, Dominican, Central or South American, or other Spanish or Portuguese culture or origin, regardless of race;
 - c. “Native Americans,” which includes persons who are American Indians, Eskimos, Aleuts, or Native Hawaiians;
 - d. “Asian-Pacific American,” which includes persons whose origins are from Japan, China, Taiwan, Korea, Burma (Myanmar), Vietnam, Laos, Cambodia (Kampuchea), Thailand, Malaysia,

Indonesia, the Philippines, Brunei, Samoa, Guam, the U.S. Trust Territories of the Pacific Islands (Republic of Palau), the Commonwealth of the Northern Marianas Islands, Macao, Fiji, Tonga, Kirbati, Juvalu, Nauru, Federated States of Micronesia, or Hong Kong;

- e. "Subcontinent Asian-Indian Americans," which includes persons whose origins are from India, Pakistan, Bangladesh; Bhutan, the Maldives Islands, Nepal or Sri Lanka:
 - f. Women;
 - g. Any additional groups whose members are designated as socially and economically disadvantaged by the SBA, at such time as the SBA designation becomes effective.
- B. The term "Sub-contractor" for purposes of Special Provision (SP), shall mean an individual or firm with which the Proposer or Sub-contractor, proposes to enter into an agreement for the performance of work on the site or for the manufacture, fabrication, or supply of equipment or materials or services used in the construction of the project. The term "Sub-contractor" shall further refer only to first tier Sub-contractors (unless the contract also permits second tier contracting under extraneous circumstances).
- C. The term "Joint Venture" shall mean an association of two or more businesses to carry out a single business enterprise for profit for which purpose they combine their property, capital, efforts, skills, and/or knowledge.
- D. "Affiliates" Business concerns are affiliates of each other when either directly or indirectly, (1) one business concern controls or has the power to control the other, or (2) a third party or parties controls or has the power to control both. In determining whether business concerns are affiliated, consideration shall be given to all appropriate factors, including common ownership, common management, and contractual relationships. The provisions of 13 CFR Part 121 will be used to guide the County in determining whether firms are affiliated.
- E. The County is committed to achieving significant participation of minority and women-owned businesses in its contracting opportunities. To be considered a minority or women-owned business enterprise, the business concern must be at least 51 percent owned and controlled by one or more minority (African American, Hispanic American, Native American, Asian-Indian American, Asian Pacific American) or female individuals. The firm's management and daily business operations must be controlled by one or more of the qualifying individuals who own it.
- F. "Commercially Useful Function"
- 1. A DBE is considered to perform a commercially useful function when it:

- a. is responsible for execution of the work of the contract and is carrying out its responsibilities by performing, managing, and supervising the work involved;
 - b. is responsible, with respect to materials and supplies used on the contract, for negotiating price, ordering materials, and installing (where applicable) and paying for the material itself; and
 - c. when the amount of work performed, when compared to industry practices, is commensurate with the amount the DBE is to be paid under the contract and the DBE credit claimed for its performance of the work. If a DBE does not perform or exercise responsibility for at least thirty percent (30%) of the total value of its contract with its own work force, or the DBE subcontracts a greater portion of the work of a contract than would be expected on the basis of normal industry practice for the type of work involved, it may be presumed that the DBE is not performing a commercially useful function.
2. The following factors should be used in determining whether a DBE trucking company is performing a commercially useful function:
- a. The DBE must be responsible for the management and supervision of the entire trucking operation for which it is responsible on a particular contract, and there cannot be a contrived arrangement for the purpose of meeting DBE goals.
 - b. The DBE must itself own and operate at least one fully licensed, insured, and operational truck used on the contract.
 - c. If the DBE leases additional trucks, said lease agreements must indicate that the DBE has exclusive use of and control over the truck. This does not preclude the leased trucks from working for others during the term of the lease with the consent of the DBE, so long as the lease gives the DBE absolute priority for use of the leased truck. Leased trucks must display the name and identification number of the DBE.

INSERT EXHIBITS A – E HERE

DBE BID FORMS

EXHIBIT A - DBE UTILIZATION FORM

EXHIBIT B - DBE CONTRACT PARTICIPATION FORM

EXHIBIT C - BIDDER'S LIST

EXHIBIT D - REQUEST FOR WAIVER (If needed)

EXHIBIT E - DBE UNAVAILABILITY CERTIFICATION (If needed)



**DBE Utilization Form
Forms 1 & 2 Demonstration of Good Faith Efforts**

FORM 1: DISADVANTAGED BUSINESS ENTERPRISE (DBE) UTILIZATION

The undersigned bidder/offeror has satisfied the requirements of the bid specification in the following manner (please check the appropriate space).

- The bidder/offeror is committed to a minimum of _____% DBE utilization in this Contract.
- The bidder/offeror (if unable to meet the DBE goal of _____% is committed to a minimum of _____% DBE utilization on this contract and submits documentation demonstrating good faith efforts. Actions constituting evidence of good faith efforts are described in Appendix A to 49 CFR Part 26, Section 26.53 and request for waiver Exhibit D.

Name of bidder/offeror's firm: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____

State Registration No. _____

By: _____ Title: _____
(Signature)

(Print Name) Date: _____

FORM 2: LETTER OF INTENT

Name of DBE firm: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____

Description of work to be performed by DBE firm: _____

The bidder/offeror is committed to utilizing the above named DBE firm for the work described above. The estimated **percentage** value of this work is _____%.

AFFIRMATION:

The above named DBE firm affirms that it will perform the portion of the contract for the estimated percent as stated above.

By: _____
(Signature) (Title)

If the bidder/offeror does not receive award of the contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.

This form may be duplicated if utilizing multiple DBE firms.



**MIAMI-DADE AVIATION DEPARTMENT (MDAD)
DISADVANTAGED BUSINESS ENTERPRISE (DBE)
CONTRACT PARTICIPATION FORM**

Check One: Original Revised Date: _____ Contract No.: _____

Name of Offeror: _____ Project Name: _____

Original Percent Contracted DBE Participation: _____ %

The Offeror shall submit the Contract Participation Form to the Contracting Officer with the offer. Please attach additional sheets if needed.

LIST <u>ALL</u> FIRST TIER DBE FIRMS PARTICIPATING IN THIS CONTRACT Identify whether firms are S, B, H, SP, MF (see in next column).		TYPE OF FIRM *	FEDERAL TAX ID (also known as Employer Identification Number) nine digit number.	ADDRESS (Number, Street, City, State, Zip)	DESCRIBE TYPE OF WORK (Electrical, Paving, etc. with notation e.g. "Labor Only", "Material Only", "Complete") Item Number if Applicable, Quantity, Unit Price	DBE Participation Percent
EX	SAMPLE: Six Sigma Electrical Company	S	44-9999999	4200 N.W. 36 th Street, Miami, FL 33102	Furnish and install electrical work	%
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
					TOTAL OFFERED PERCENT:	

I, _____, a duly authorized representative of _____, certify that the above information is true and correct.
(type or print name) (name of firm)

Signature: _____ Date: _____

TYPE OF FIRM *

S = Subcontractor, **B** = Broker, Agent, Packager **H** = Hauler, **SP** = Stocking Supplier/Distributor, **MFG** = Manufacturer (for statistical purposes and program analysis.)



BIDDER AND SUBCONTRACTOR'S INFORMATION

Project/Bid No.: _____

Date: _____

In accordance with 49 CFR Part 26.11(c) the Prime Bidder shall complete and submit this form with the Bid. The form shall include the information requested for the Prime Bidder and for all subcontractors quoting on the Project.

Name of Bidder or Subcontractor	Address	DBE Status (Check applicable Box)	Age of firm	Type(s) of Work	Annual Gross Receipts (Check applicable Box)
		<input type="checkbox"/> DBE <input type="checkbox"/> non-DBE			<input type="checkbox"/> Less than \$500,000 <input type="checkbox"/> \$500,000 - \$1 Million <input type="checkbox"/> \$1 Million - \$2 Million <input type="checkbox"/> \$2 Million - \$5 Million <input type="checkbox"/> \$5 Million and above
		<input type="checkbox"/> DBE <input type="checkbox"/> non-DBE			<input type="checkbox"/> Less than \$500,000 <input type="checkbox"/> \$500,000 - \$1 Million <input type="checkbox"/> \$1 Million - \$2 Million <input type="checkbox"/> \$2 Million - \$5 Million <input type="checkbox"/> \$5 Million and above
		<input type="checkbox"/> DBE <input type="checkbox"/> non-DBE			<input type="checkbox"/> Less than \$500,000 <input type="checkbox"/> \$500,000 - \$1 Million <input type="checkbox"/> \$1 Million - \$2 Million <input type="checkbox"/> \$2 Million - \$5 Million <input type="checkbox"/> \$5 Million and above

- Attach additional sheets as necessary



**DBE GOAL
WAIVER REQUEST FORM
PROCEDURE**

This procedure must be followed if a proposer/offeror cannot meet the DBE subcontracting requirement in part. The Request for Waiver must be submitted in writing with the proposal. The Request for Waiver must report and document the efforts made by the offeror to solicit DBEs for participation and clearly outline the offeror's reasons why no subcontracting opportunities exist. A waiver request must also demonstrate that there is an insufficient number of DBEs to provide adequate competition and reasonable prices. The provisions of the solicitation document must be reviewed by the offeror before submitting a request for a waiver.

A blanket statement that there are no DBE businesses to provide services or materials related to the proposal is **inadequate**. An explanation of how that conclusion was reached must be provided or the request will be determined to be pro forma and not in good faith.

Actions which may demonstrate a good faith effort on the part of the bidder include, but are not limited to the following:

1. Soliciting through all reasonable and available means (e.g. attendance at preproposal meetings scheduled by the authority, advertising and/or written notices in major circulation newspapers such as the local trade association publications, and disadvantaged and minority and women oriented media) the interest of all certified DBEs who have the capacity to perform the work of the contract. The offeror must solicit this interest within sufficient time to allow the DBEs to respond to the solicitation. The offeror must determine with certainty if the DBES are interested by taking appropriate steps to follow up initial solicitations.
2. Selecting portions of the work to be performed by DBEs in order to increase the likelihood that the DBE goals will be achieved. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate DBE participation, even when the prime contractor might otherwise prefer to perform these work items with its own forces.
3. Providing interested DBEs with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding to a solicitation.

4. Negotiating in good faith with interested DBEs. It is the offeror's responsibility to make a portion of the work available to DBE subcontractors and suppliers and to select those portions of the work or material needs consistent with the available DBE subcontractors and suppliers, so as to facilitate DBE participation. Evidence of such negotiation includes the names, addresses, and telephone number of DBEs that were considered: a) a description of the information provided regarding the plans and specifications for the work selected for subcontracting; and, b) evidence as to why additional agreements could not be reached for DBEs to perform the work.
5. Making efforts to assist interested DBEs in obtaining bonding, lines of credit or insurance as required by the MDAD or the offeror.
6. Making efforts to assist interested DBEs in obtaining necessary equipment, supplies, materials or related assistance or services.
7. Negotiate in good faith with interested DBEs, and not reject DBEs as unqualified without sound reasons based on a thorough investigation of their capabilities.

REQUEST FOR WAIVER

_____ hereby requests a waiver of the required contract goals for the participation of DBEs as specified in solicitation number _____. All good faith efforts to identify potential DBEs as subcontractors have been made but we have been unable to obtain the required goals for the following reason(s):

(Authorized Representative)

(Date)

NOTE: All advertisements, telephone conversations and other documentation to support this statement should be attached.

EXHIBIT E



DBE UNAVAILABILITY CERTIFICATION

I, _____ of
(Name) **(Title)**
_____,
(Offeror) **(Date)**

I contacted the following DBEs to obtain a quote for work items to be performed on Contract
Number _____

<u>DBE (Name of Firm)</u>	<u>Work Items Sought</u>
_____	_____
_____	_____

To the best of my knowledge and belief, said DBEs were unavailable (exclusive of unavailability due to lack of agreement on price) for work on this project or unable to prepare an offer or bid for the following reason(s):

(Signature)

(Date)

_____ was offered an opportunity to bid or make an offer on
(Name of DBE)
the above identified work on _____, by _____
(Date) **(Source)**

The above statement is a true and accurate account of why I did not submit an offer/bid on this project.

(Signature of DBE)

(Title)