

CONTRACT PLANS COMPONENTS
STRUCTURE PLANS

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

BIG CARLOS PASS BRIDGE

PROJECT No: CN160002

ETDM No: 14301

LEE COUNTY

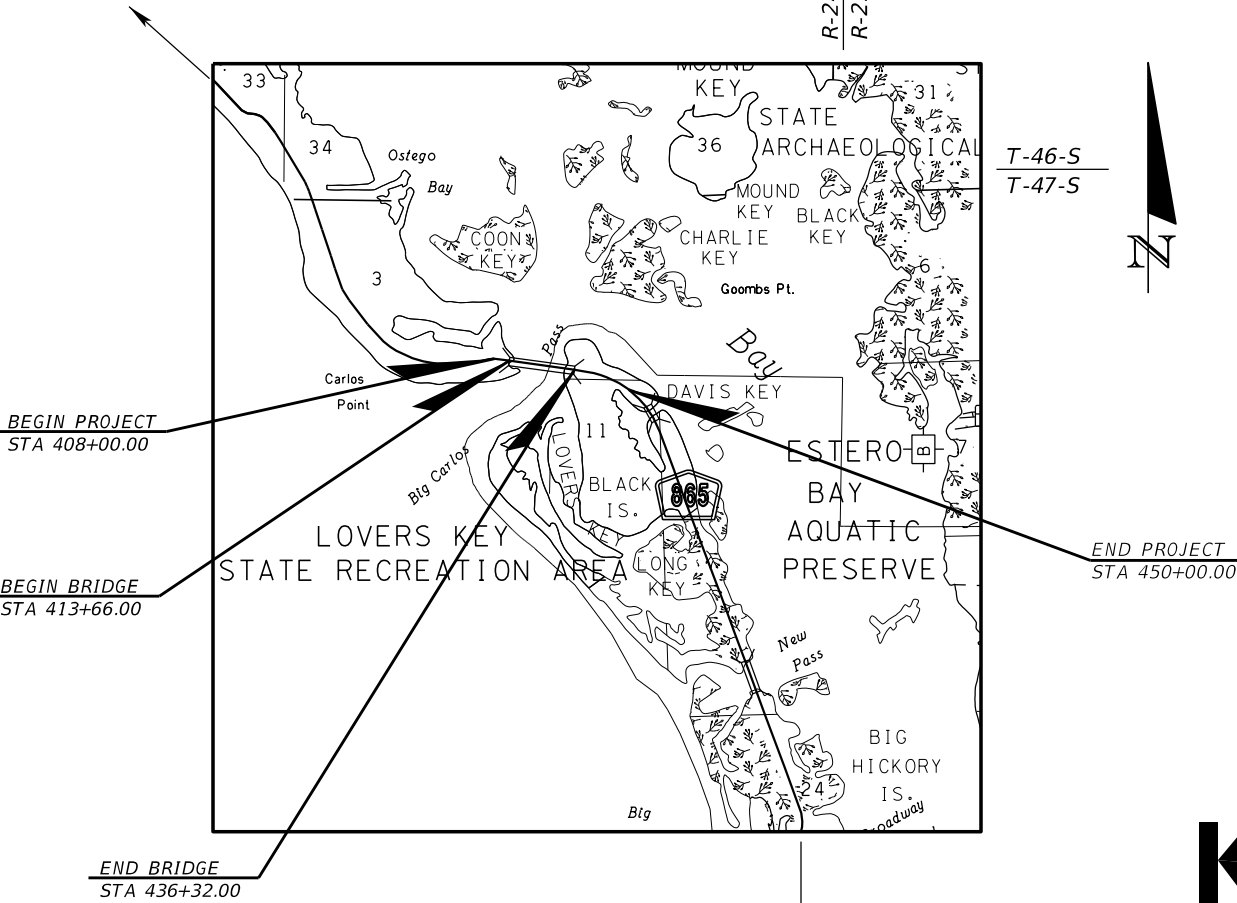
COUNTY ROAD NO. 865 (ESTERO BOULEVARD)

BRIDGE NO. 124143

INDEX OF STRUCTURE PLANS

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TO FORT MYERS BEACH



TO BONITA SPRINGS

GOVERNING DESIGN STANDARDS:

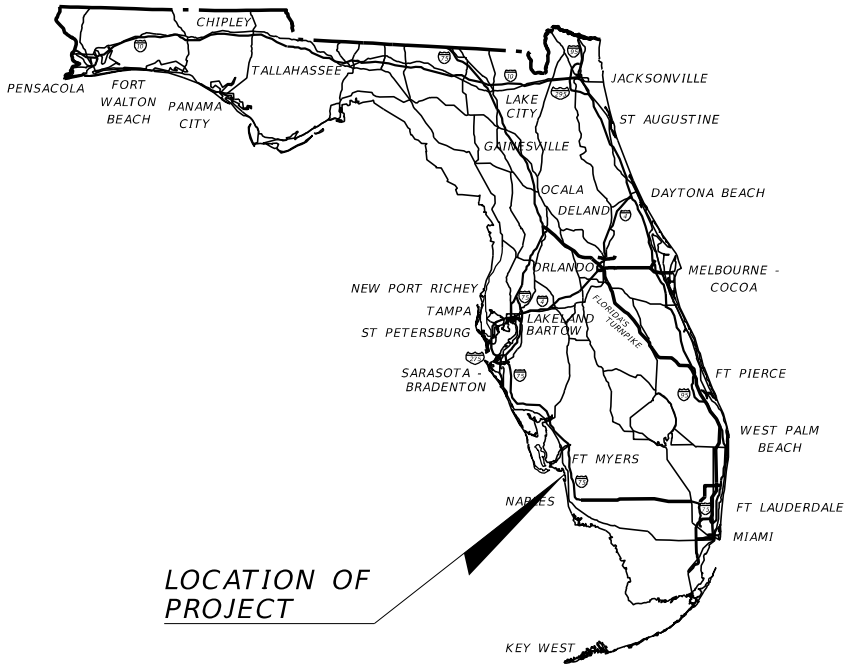
Florida Department of Transportation, FY2019-20 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

Standard Plans for Bridge Construction are included in the Structures Plans Component

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, January 2021 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>



LOCATION OF
PROJECT

60% PLANS
SUBMITTAL

KCA
KISINGER CAMPO
& ASSOCIATES

STRUCTURE PLANS:
ENGINEER OR RECORD:

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KISINGER CAMPO & ASSOCIATES CORP.
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CONTRACT NO. C-7533
VENDOR NO. 59-1677145

LEE COUNTY PROJECT MANAGER:

THOMAS J. MARQUARDT, P.E.

SHEET
NO.

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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-20			LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: INDEX OF SHEET			REF. DWG. NO.
DATE		BY	DESCRIPTION				CHECKED BY: JHJ 04-21									
							DESIGNED BY: SKB 10-20		ROAD NO.	COUNTY	COUNTY PROJECT No		PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		SHEET NO. B - 2	
							CHECKED BY: AJL XX-XX		CR 865	LEE	CN160002					

A. DESIGN SPECIFICATIONS:

- 1. FDOT STRUCTURES MANUAL DATED JANUARY 2021 AND SUBSEQUENT STRUCTURES DESIGN BULLETINS.
- 2. AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) LOAD AND RESISTANCE FACTOR (LRFD) BRIDGE DESIGN SPECIFICATIONS, (8TH EDITION).
- 3. FDOT DESIGN MANUAL DATED JANUARY 2021 AND SUBSEQUENT ROADWAY DESIGN BULLETINS.

B. GOVERNING STANDARDS AND CONSTRUCTION SPECIFICATIONS:

- 1. FLORIDA DEPARTMENT OF TRANSPORTATION, FY 2020-2021 STANDARD PLANS AND REVISED INDEX DRAWINGS AS APPENDED HEREIN, AND JANUARY 2019 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS AMENDED BY THE CONTRACT DOCUMENTS.

C. DESIGN METHODOLOGY:

LOAD AND RESISTANCE FACTOR DESIGN (LRFD) METHOD USING STRENGTH, EXTREME EVENT, SERVICE AND FATIGUE LIMIT STATES.

D. DESIGN LOADINGS:

- 1. DEAD LOADS:
 - A) UNIT WEIGHT OF REINFORCED CONCRETE: 150 PCF
 - B) PRESTRESSED BEAM FIB 78: 1,146 PLF
 - C) TRAFFIC RAILING - CORRAL SHAPE TRAFFIC RAILING: 460 PLF
 - D) 42" BRIDGE PEDESTRIAN/BICYCLE RAILING (ALUMINUM, SCHEME 2, INDEX 515-061 (TYP.): 15 PLF
 - E) STAY-IN-PLACE FORMS: 20 PSF
 - F) SACRIFICIAL DECK THICKNESS FOR LONG BRIDGES: THE DECK SLABS INCLUDE ½ INCH SACRIFICIAL THICKNESS FOR DEAD LOAD BUT OMITTED FROM THE SECTION PROPERTIES USED FOR DESIGN.
 - G) DESIGN DOES NOT INCLUDE AN ALLOWANCE OF 15 PSF FOR FUTURE WEARING SURFACE.
- 2. LIVE LOADS:
 - A) HL-93 WITH DYNAMIC LOAD ALLOWANCE (BIG CARLOS PASS BRIDGE)
 - B) H-10 LOADING OR 90 PSF (FISHING PIER)
 - C) PEDESTRIAN LIVE LOAD: 75 PSF (BIG CARLOS PASS BRIDGE)
- 3. WIND LOADS:
 - A) BASIC WIND AND WIND DURING CONSTRUCTION: IN ACCORDANCE WITH THE FDOT STRUCTURES MANUAL
- 4. THERMAL FORCES:
 - A) SEASONAL VARIATION FOR DESIGN (SDG TABLE 2.7.1-1):

CONCRETE:TEMP. RISE: +35°F
TEMP. FALL: -35°F
MEAN TEMPERATURE: 70°F
 - B) THERMAL COEFFICIENTS:

CONCRETE = 0.000006 PER °F
 - C) THERMAL GRADIENT IN ACCORDANCE WITH SDG SECTION 2.7.2 AND AASHTO LRFD FIGURE 3.12.3-2.
- 5. SEISMIC:
 - A) IN ACCORDANCE WITH SDG SECTION 2.3 AND AASHTO LRFD SECTION 4.7.4.
- 6. CREEP AND SHRINKAGE:
 - A) IN ACCORDANCE WITH AASHTO LRFD SECTION 5.4.2.3.
- 7. VESSEL COLLISION LOADS:
 - A) WATER PIERS FOR THE BIG CARLOS PASS BRIDGE HAVE BEEN DESIGNED TO RESISTANCE VESSEL IMPACT LOADS 82 KIPS FOR PIERS 2 THRU 11.
- 8. UTILITIES:
 - A) WATER MAIN ALLOWANCE: 150PLF
 - B) UTILITY TRAY ALLOWANCE: 20PLF
- 9. CONSTRUCTION LOADS:
 - A) SEE BRIDGE PLANS "BEAM BRACING DATA" AND "ERECTION SEQUENCE" SHEETS FOR CONSTRUCTION LOADS ASSOCIATED WITH BEAM STABILITY OR GIRDER ERECTION PRIOR TO PLACEMENT OF THE DECK SLAB
 - B) FINISHING MACHINE LOAD: 13.0 KIPS.
 - C) FINISHING MACHINE WHEEL LOCATION BEYOND THE EDGE OF DECK OVERHANG: 6 INCHES.
 - D) CONSTRUCTION LIVE LOAD: 20 PSF EXTENDED OVER THE ENTIRE BRIDGE WIDTH AND 50-FEET IN LONGITUDINAL LENGTH CENTERED ON THE FINISHING MACHINE.
 - E) REMOVABLE DECK CANTILEVER TIMBER FORMS WITH OVERHANG BRACKETS: 15 PSF.
 - F) LIVE LOAD AT OR NEAR THE OUTSIDE EDGE OF DECK DURING DECK CASTING: 75 PLF APPLIED AS A MOVING LOAD OVER A LENGTH OF 20 FEET.
 - G) CONSTRUCTION INACTIVE DESIGN WIND SPEED: 90 MPH
 - H) VELOCITY PRESSURE EXPOSURE COEFFICIENT (KZ): 1.34
 - I) CONSTRUCTION ACTIVE DESIGN WIND SPEED: 30 MPH
- 10. WAVE FORCE: (BIG CARLOS PASS BRIDGE)WAVE FORCE: (FISHING PIER)

SPAN	1	2	13	14	SPAN	9-11	11-12
VERTICAL (KIP)	2125	506	319	712	VERTICAL (KIP)	113	111
HORIZONTAL (KIP)	277	53	11	12	HORIZONTAL (KIP)	27	1
MOMENT (KIP-FT)	57,218	27,551	18,978	35,565	MOMENT (KIP-FT)	1,229	1,201

E. BRIDGE NAMES:

- 1. INSTALL THE FOLLOWING BRIDGE NAME AND NUMBER ON THE TRAFFIC RAILINGS IN ACCORDANCE WITH THE TRAFFIC RAILING STANDARD PLANS:

BRIDGE NO:BRIDGE NAME:
124143ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS

F. ENVIRONMENTAL CLASSIFICATION:

SUPERSTRUCTURE - EXTREMELY AGGRESSIVE (CHLORIDES > 18000 PPM)
SUBSTRUCTURE - EXTREMELY AGGRESSIVE (CHLORIDES > 18000 PPM)
(SULFATES > 2,800 PPM)

G. MATERIALS:

- 1. CONCRETE:
 - A) CONCRETE SHALL BE IN ACCORDANCE WITH SPECIFICATIONS SECTION 346.
- | CONCRETE CLASS | MINIMUM 28-DAY COMPRESSIVE STRENGTH (PSI) | LOCATION OF CONCRETE IN STRUCTURE |
|------------------|---|---|
| V (SPECIAL) | f'c = 6,000 | PRESTRESSED CONCRETE PILES |
| IV (MASS) | f'c = 5,500 | C.I.P. SUBSTRUCTURE (PIER FOOTINGS, PIER COLUMNS AND PIER CAPS) |
| IV | f'c = 5,500 | C.I.P. SUBSTRUCTURE (END BENTS, ALL PEDESTALS AND FISHING PIER) |
| II (BRIDGE DECK) | f'c = 4,500 | APPROACH SLABS |
| IV | f'c = 5,500 | C.I.P. BRIDGE DECK AND TRAFFIC RAILINGS AND C.I.P. DIAPHRAGMS |
| VI | f'c = 8,500 | PRESTRESSED FLORIDA-I BEAMS |
| III (SEAL) | f'c = 3,000 | WATER FOOTING SEAL SLAB |
- 2. SPLASH ZONE CONCRETE:
 - A) ALL CLASS IV CAST-IN-PLACE SUBSTRUCTURE CONCRETE PLACED BELOW ELEVATION 12.46 SHALL INCLUDE PERMEABILITY REDUCING ADMIXTURES CONSISTING OF SILICA FUME, METAKAOLIN OR ULTRAFINE FLY ASH.
 - 3. REINFORCING STEEL:
 - A) ALL REINFORCING STEEL SHALL BE GRADE 60 CARBON STEEL PER SPECIFICATIONS SECTION 931.
 - B) REINFORCEMENT DETAIL DIMENSIONS ARE OUT-TO-OUT OF BARS. SEE STANDARD PLANS INDEX 415-001 FOR ADDITIONAL DETAILS.

H. CONCRETE COVER:

- 1. CONCRETE COVERS SHALL BE:
 - A) SUPERSTRUCTURE (C.I.P.) 2" (EXCEPT RIDING SURFACES)
 - B) SUPERSTRUCTURE (RIDING SURFACES) 2½". COVER DIMENSION INCLUDES A 0.5 INCH ALLOWANCE FOR PLANING
 - C) FRONT AND BACK SURFACES OF CORRAL TRAFFIC RAILINGS 2½"
 - D) FRONT AND BACK SURFACES OF WALL COPINGS AND PEDESTRIAN RAILINGS WHICH MAY BE CONSTRUCTED USING THE SLIP FORMING METHOD 3"
 - E) SUPERSTRUCTURE (PRECAST BEAMS) 2" (TOP OF TOP FLANGE = ¾")
 - F) SUBSTRUCTURE (C.I.P.) NOT IN CONTACT WITH WATER 4"
 - G) SUBSTRUCTURE CAST AGAINST EARTH OR IN CONTACT WITH WATER 4½"
 - H) TOP OF BEAM SEATS AND PEDESTALS 2"
 - I) PRESTRESSED PILING 3"
 - J) RETAINING WALL (EXCLUDES MSE) 3"
 - K) FISHING PIER SUPERSTRUCTURE 3"
- 2. CONCRETE COVER DIMENSIONS SHOWN IN THE PLANS DO NOT INCLUDE REINFORCEMENT PLACEMENT AND FABRICATION TOLERANCES UNLESS SHOWN AS "MINIMUM COVER". SEE SPECIFICATIONS SECTION 415 FOR ALLOWABLE TOLERANCES. ALL DIMENSIONS PERTAINING TO THE LOCATION OR REINFORCING STEEL ARE TO THE ¢ OF BAR OR BAR BUNDLE EXCEPT WHERE THE CLEAR DIMENSION IS NOTED TO THE FACE OF THE CONCRETE.

I. VERTICAL DATUM:

- 1. ALL ELEVATIONS ARE IN FEET AND ARE REFERENCED TO THE NAVD 1988 DATUM.

J. PLAN DIMENSIONS:

- 1. ALL DIMENSIONS IN THESE PLANS ARE MEASURED IN FEET AND INCHES EITHER HORIZONTALLY OR VERTICALLY UNLESS OTHERWISE NOTED.
- 2. ALL DIMENSIONS AND JOINT OPENINGS IN THE STRUCTURE ARE MEASURED AT A MEAN TEMPERATURE OF 70° F.

K. UTILITIES:

- 1. SEE THE PLAN AND ELEVATION SHEETS FOR THE PLAN LOCATION OF EXISTING UTILITIES. THE LOCATIONS OF UTILITIES SHOWN ARE APPROXIMATE.
- 2. SEE THE UTILITY ADJUSTMENT SHEETS IN THE ROADWAY PLANS FOR THE DISPOSITION OF UTILITIES AFFECTED BY CONSTRUCTION.
- 3. NOTIFY ALL UTILITY COMPANIES WITHIN THE RIGHT-OF-WAY TO VERIFY UTILITY LOCATIONS AND ENSURE ALL UTILITIES HAVE BEEN IDENTIFIED PRIOR TO THE START OF CONSTRUCTION.
- 4. ENSURE THAT EXISTING UTILITIES ARE NOT DAMAGED OR DISTURBED IN ACCORDANCE WITH THE SPECIFICATIONS.

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: ARF 06-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: GENERAL NOTES (1 OF 3)		REF. DWG. NO.		
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: AJL 06-19								
							DESIGNED BY: CEL 06-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO.			
							CHECKED BY: AJL 06-19	CR 865	LEE	CN160002				B - 3	

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L. CONSTRUCTION JOINTS:

1. CONSTRUCTION JOINTS WILL BE PERMITTED ONLY AT LOCATIONS SHOWN ON THE PLANS. ADDITIONAL CONSTRUCTION JOINTS, OR ALTERNATE LOCATIONS TO THOSE SHOWN, SHALL REQUIRE WRITTEN APPROVAL BY THE ENGINEER OF RECORD.

M. BRIDGE DECK SCREEDING, FINISHING AND GROOVING:

1. SCREED THE RIDING SURFACE OF THE BRIDGE DECK AND APPROACH SLABS TO ACHIEVE THE FINISH GRADE ELEVATIONS SHOWN IN THE PLANS. ACCOUNT FOR THEORETICAL DEFLECTIONS DUE TO DECK WEIGHT, DECK CASTING SEQUENCE, DECK FORMING SYSTEMS, CONSTRUCTION LOADS, OVERLAYS AND TEMPORARY SHORING, ETC. AS REQUIRED.

N. STAY-IN-PLACE DECK FORMS:

DESIGN INCLUDES ALLOWANCE FOR 20 PSF OVER THE PROJECTED PLAN AREA OF THE METAL FORMS FOR THE UNIT WEIGHT OF THE METAL FORMS AND THE CONCRETE REQUIRED TO FILL THE FORM FLUTES. STAY-IN-PLACE FORMS ARE NOT ALLOWED AT DECK CANTILEVERS.

O. EXISTING BRIDGE CONSTRUCTION CONSIDERATIONS:

1. DIMENSION VERIFICATION: UNLESS OTHERWISE NOTED, THE DIMENSIONS, ELEVATIONS AND INTERSECTING ANGLES SHOWN ARE BASED ON THE INFORMATION PROVIDED IN THE ORIGINAL CONSTRUCTION PLANS AND MAY NOT REPRESENT AS-BUILT CONDITIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THIS DATA BEFORE BEGINNING CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

P. TRAFFIC CONTROL PLANS:

1. SEE THE ROADWAY PLANS FOR THE TRAFFIC CONTROL PLANS.

Q. PHASING OF WORK:

1. THE PHASING AND PROGRESSION OF WORK SHALL CONFORM WITH THE STAGED CONSTRUCTION SEQUENCE DRAWINGS AND NOTES AS WELL AS THE TRAFFIC CONTROL PLANS.

R. ABBREVIATIONS:

CLR. - "CLEAR"

E - "EXPANSION BEARING"

EF - "EACH FACE"

EJ - "EXPANSION JOINT"

FFBW - "FRONT FACE OF BACKWALL"

FFRW - "FRONT FACE OF RETAINING WALL"

I - "INTEGRAL"

MHC - "MINIMUM HORIZONTAL CLEARANCE"

MVC - "MINIMUM VERTICAL CLEARANCE"

PBR - "PEDESTRIAN / BICYCLE RAILING"

PGL - "PROFILE GRADE LINE"

TYP. - "TYPICAL"

UNO - "UNLESS NOTED OTHERWISE"

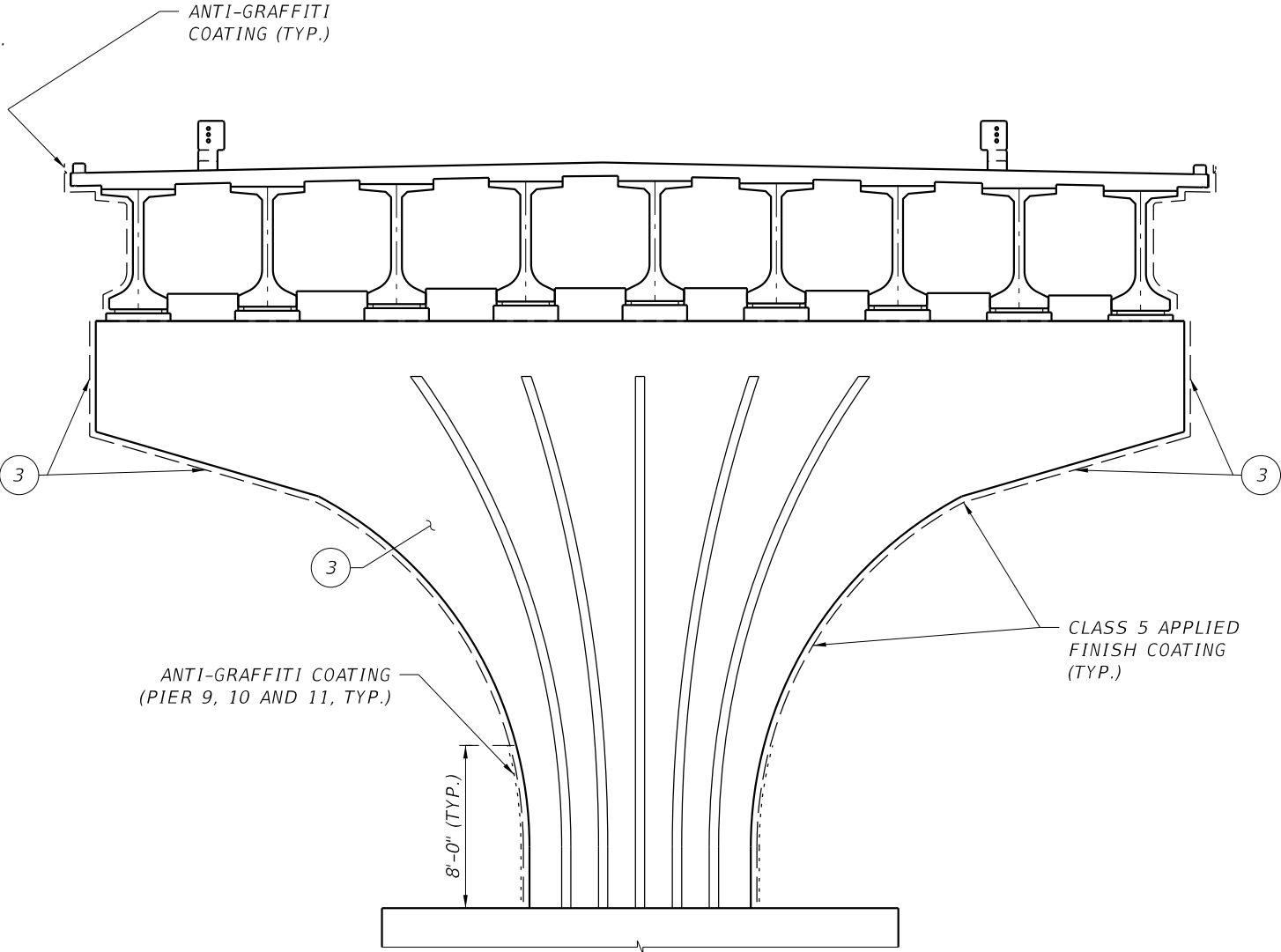
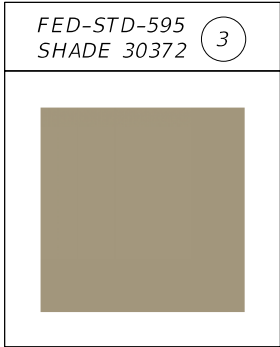
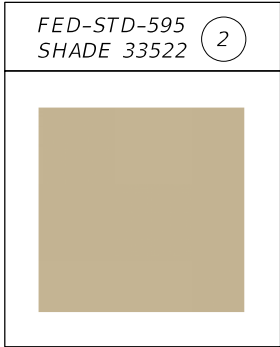
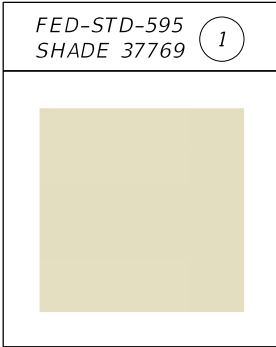
WP - "WORK POINT"

S. PAY ITEM NOTES:

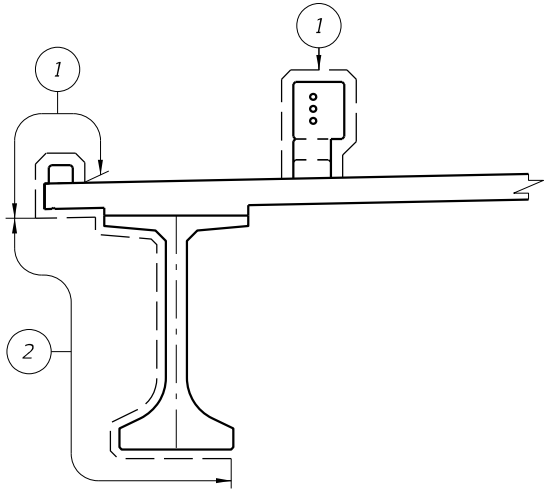
1. THE EXISTING BRIDGE IS TO BE REMOVED FOR THIS PROJECT UNDER PAY ITEM NUMBER 110-3. THE STRUCTURE SHALL BE REMOVED IN ACCORDANCE WITH THE SPECIFICATIONS AND THE TRAFFIC CONTROL PLANS PHASING SEQUENCE. SEE SHEETS XX-XX, XX-XX, XX-XX AND THE EXISTING BRIDGE PLANS FOR ADDITIONAL INFORMATION.

T. CONCRETE SURFACE FINISH:

1. A CLASS 5 FINISH COATING SHALL BE APPLIED TO THE FOLLOWING SURFACES (SEE SURFACE FINISH DETAILS):
A) ALL EXPOSED SURFACES OF SLAB COPING, BARRIERS, WINGWALLS AND FASCIA BEAMS.
B) ALL EXPOSED SURFACES OF NEW AND EXISTING PIERS AND BENTS.



SURFACE FINISH DETAILS



SUPERSTRUCTURE

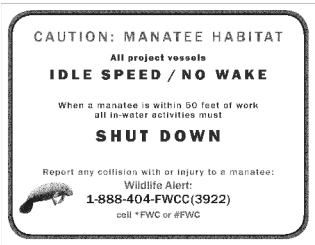
BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: ARF 06-19 CHECKED BY: AJL 06-19 DESIGNED BY: CEL 06-19 CHECKED BY: AJL 06-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: GENERAL NOTES (2 OF 3)		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION								
								ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:		SHEET NO.
								CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		B-4

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

U. MANATEE CONDITIONS FOR IN-WATER WORK

1. INSTRUCT ALL PERSONNEL ASSOCIATED WITH THE PROJECT ABOUT THE PRESENCE OF MANATEES AND MANATEE SPEED ZONES, AND THE NEED TO AVOID COLLISIONS WITH AND INJURY TO MANATEES. THE PERMITTEE SHALL ADVISE ALL CONSTRUCTION PERSONNEL THAT THERE ARE CIVIL AND CRIMINAL PENALTIES FOR HARMING, HARASSING, OR KILLING MANATEES WHICH ARE PROTECTED UNDER THE MARINE MAMMAL PROTECTION ACT, THE ENDANGERED SPECIES ACT, AND THE FLORIDA MANATEE SANCTUARY ACT.
2. ALL VESSELS ASSOCIATED WITH THE CONSTRUCTION PROJECT SHALL OPERATE AT "IDLE SPEED/NO WAKE" AT ALL TIMES WHILE IN THE IMMEDIATE AREA AND WHILE IN WATER WHERE THE DRAFT OF THE VESSEL PROVIDES LESS THAN A FOUR-FOOT CLEARANCE FROM THE BOTTOM. ALL VESSELS WILL FOLLOW ROUTES OF DEEP WATER WHENEVER POSSIBLE.
3. SILTATION OR TURBIDITY BARRIERS SHALL BE MADE OF MATERIAL IN WHICH MANATEES CANNOT BECOME ENTANGLED, SHALL BE PROPERLY SECURED, AND SHALL BE REGULARLY MONITORED TO AVOID MANATEE ENTANGLEMENT OR ENTRAPMENT. BARRIERS MUST NOT IMPEDE MANATEE MOVEMENT.
4. ALL ON-SITE PROJECT PERSONNEL AREA RESPONSIBLE FOR OBSERVING WATER-RELATED ACTIVITIES FOR THE PRESENCE OF MANATEE(S). ALL IN-WATER OPERATIONS, INCLUDING VESSELS, MUST BE SHUTDOWN IF A MANATEE(S) COMES WITHIN 50 FEET OF THE OPERATION. ACTIVITIES WILL NOT RESUME UNTIL THE MANATEE(S) HAS MOVED BEYOND THE 50-FOOT RADIUS OF THE PROJECT OPERATION, OR UNTIL 30 MINUTES ELAPSES IF THE MANATEE HAS NOT REAPPEARED WITHIN 50 FEET OF THE OPERATION. ANIMALS MUST NOT BE HERDED AWAY OR HARASSED INTO LEAVING.
5. ANY COLLISION WITH OR INJURY TO A MANATEE SHALL BE REPORTED IMMEDIATELY TO THE FWC HOTLINE AT 1-888-404-3922. COLLISION AND/OR INJURY SHOULD ALSO BE REPORTED TO THE U.S. FISH AND WILDLIFE SERVICE IN JACKSONVILLE (1-904-731-3336) FOR NORTH FLORIDA OR VERO BEACH (1-772-562-3909) FOR SOUTH FLORIDA, AND TO FWC AT ImperiledSpecies@myFWC.com
6. F. TEMPORARY SIGNS CONCERNING MANATEES SHALL BE POSTED PRIOR TO AND DURING ALL IN-WATER PROJECT ACTIVITIES. ALL SIGNS ARE TO BE REMOVED BY THE PERMITTEE UPON COMPLETION OF THE PROJECT. TEMPORARY SIGNS THAT HAVE ALREADY BEEN APPROVED FOR THIS USE BY THE FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION (FWC) MUST BE USED (SEE MyFWC.com/manatee). ONE SIGN WHICH READS "CAUTION: BOATERS" MUST BE POSTED. A SECOND SIGN MEASURING AT LEAST 8½" BY 11" EXPLAINING THE REQUIREMENTS FOR "IDLE SPEED/NO WAKE" AND THE SHUT DOWN OF IN-WATER OPERATIONS MUST BE POSTED IN A LOCATION PROMINENTLY VISIBLE TO ALL PERSONNEL ENGAGED IN WATER-RELATED ACTIVITIES. QUESTIONS CONCERNING THESE SIGNS CAN BE SENT TO THE EMAIL ADDRESS LISTED ABOVE.



- G. ALL MANATEE SIGNS ARE TO BE REMOVED UPON COMPLETION OF THE PROJECT.

V. GULF STURGEON PROTECTION CONSTRUCTION CONDITIONS

1. LEE COUNTY SHALL ADVISE ALL COUNTY PROJECT PERSONNEL AND CONTRACTOR PERSONNEL ON THE PROJECT THAT THERE ARE CIVIL AND CRIMINAL PENALTIES FOR HARMING, HARASSING OR KILLING STURGEON. THE COUNTY AND THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY STURGEON HARMED, HARASSED, OR KILLED AS A RESULT OF THE PROJECT ACTIVITY.
2. THE COUNTY SHALL PROVIDE INFORMATION TO ALL COUNTY AND CONTRACT PERSONNEL FOR IDENTIFICATION OF STURGEON.
3. APPROPRIATE WORK SHIFT PERSONNEL WILL BE INSTRUCTED IN THE APPEARANCE, HABITS, BIOLOGY, MIGRATORY PATTERNS, AND PRESERVATION OF STURGEON. AT LEAST ONE OF THESE TRAINED PERSONNEL WILL BE ON SITE DURING CONSTRUCTION ACTIVITIES TO MAINTAIN A CONSTANT SURVEILLANCE FOR THESE SPECIES, ASSURE THE CESSATION OF ACTIVITIES (SUCH AS DREDGING, EXCESS TURBIDITY, AND CONSTRUCTION BARGE ACTIVITY), WHICH MAY ENDANGER THESE SPECIES, AND ASSURE THAT UNINHIBITED PASSAGE FOR THE ANIMALS IS PROVIDED.
4. POST SIGNS ON SITE WARNING OF THE PRESENCE OF STURGEON, OF THEIR ENDANGERED STATUS AND FEDERAL PROTECTION, AND PRECAUTIONS NEEDED.
5. TURBIDITY FROM CONSTRUCTION ACTIVITY WILL BE ADEQUATELY CONTROLLED TO PREVENT DEGRADATION OF THE QUALITY AND TRANSPARENCY OF THE WATER. WHEN STURGEON ARE PRESENT, TURBIDITY CURTAINS OF APPROPRIATE DIMENSION WILL BE USED TO RESTRICT THE ANIMALS' ACCESS TO THE WORK AREA. POLLUTION BOOMS OR TURBIDITY CURTAINS SHOULD USE TANGLE RESISTANT OR HEMP ROPE WHEN ANCHORING, OR EMPLOY SURFACE ANCHORS' TO PREVENT ENTANGLING STURGEON. CONTINUOUS SURVEILLANCE WILL BE MAINTAINED IN ORDER TO FREE ANIMALS WHICH MAY BECOME TRAPPED IN SILT OR TURBIDITY BARRIERS.
6. NO DREDGING OF THE RIVER BOTTOM WILL BE CONDUCTED FOR BARGE ACCESS.

W. BATS

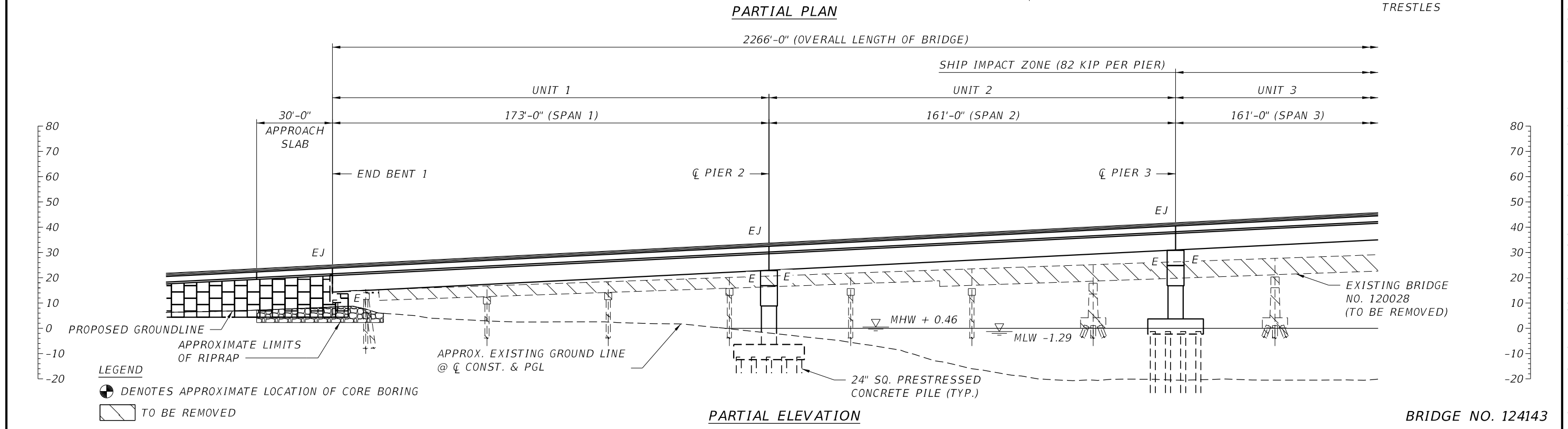
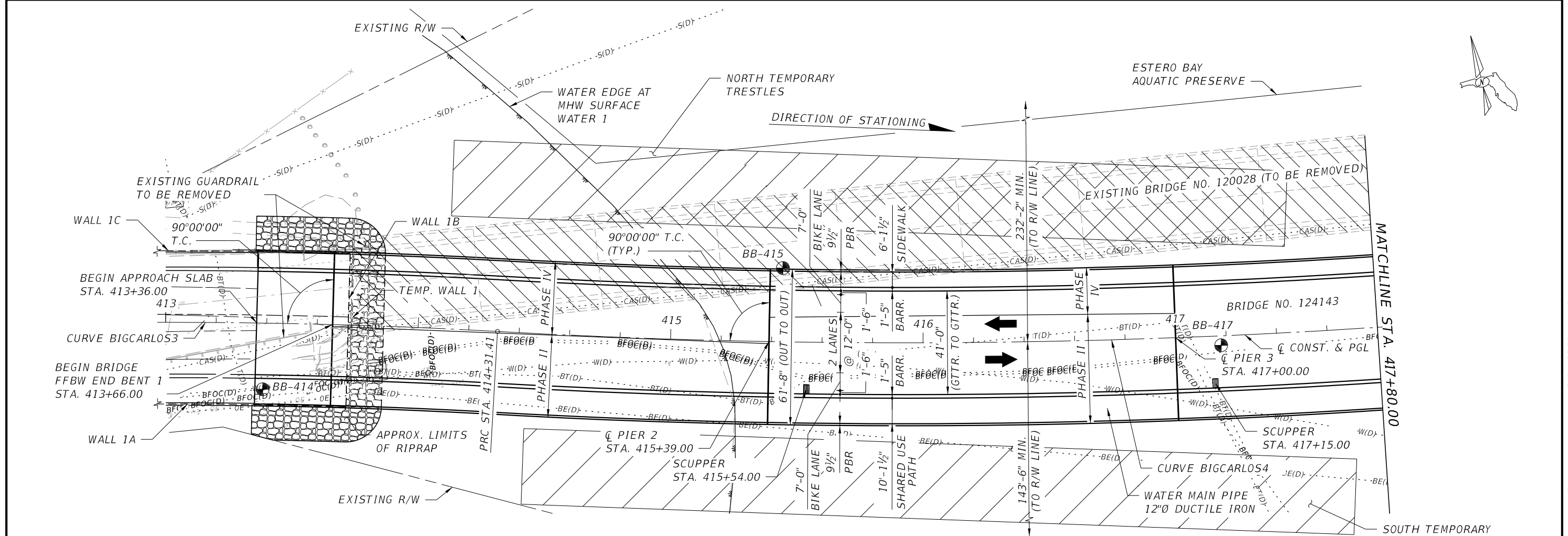
1. THE COUNTY HAS DETERMINED THAT BATS OCCUPY BRIDGE NO. 120028.
2. INSTALL BAT EXCLUSION DEVICES ON THE STRUCTURE PRIOR TO COMMENCING WORK ON THE STRUCTURE. AT THE PRE-CONSTRUCTION CONFERENCE, SUBMIT A BAT EXCLUSION PLAN OUTLINING ENTRY AND EXIT POINT IDENTIFICATION, INSTALLATION OF EXCLUSION DEVICES, METHODOLOGY FOR SECURING ALL OPENINGS HALF AN INCH OR GREATER IN SIZE, AND MONITORING METHODOLOGY. PROVIDE A SPECIALTY CONTRACTOR OR BIOLOGIST EXPERIENCED IN PERFORMING BAT EXCLUSIONS TO IMPLEMENT THE BAT EXCLUSION PLAN. INITIAL INSTALLATION OF BAT EXCLUSION DEVICES CAN ONLY OCCUR FROM AUGUST 15TH THROUGH APRIL 15TH.
3. MAINTAIN ALL EXCLUSION DEVICES THROUGHOUT WORK ON THE STRUCTURE. IMMEDIATELY REPAIR DAMAGED OR ALTERED EXCLUSION DEVICES THAT COULD ALLOW REENTRY OF BATS. REPAIRS MUST BE CONDUCTED BY A QUALIFIED SPECIALTY CONTRACTOR OR EXPERIENCED BIOLOGIST. REMOVE THE EXCLUSION DEVICES UPON COMPLETION OF CONSTRUCTION. NOTIFY THE ENGINEER IF BATS, BAT REMAINS, OR NEW EVIDENCE OF ROOSTING IS FOUND.

X. SEA TURTLE AND SMALLTOOTH SAWFISH CONSTRUCTION CONDITIONS

1. THE PERMITTEE SHALL INSTRUCT ALL PERSONNEL ASSOCIATED WITH THE PROJECT OF THE POTENTIAL PRESENCE OF THESE SPECIES AND THE NEED TO AVOID COLLISIONS WITH SEA TURTLES AND SMALLTOOTH SAWFISH. ALL CONSTRUCTION PERSONNEL ARE RESPONSIBLE FOR OBSERVING WATER-RELATED ACTIVITIES FOR THE PRESENCE OF THESE SPECIES.
2. THE PERMITTEE SHALL ADVISE ALL CONSTRUCTION PERSONNEL THAT THERE ARE CIVIL AND CRIMINAL PENALTIES FOR HARMING, HARASSING, OR KILLING SEA TURTLES OR SMALLTOOTH SAWFISH, WHICH ARE PROTECTED UNDER THE ENDANGERED SPECIES ACT OF 1973.
3. SILTATION BARRIERS SHALL BE MADE OF MATERIAL IN WHICH A SEA TURTLE OR SMALLTOOTH SAWFISH CANNOT BECOME ENTANGLED, BE PROPERLY SECURED, AND BE REGULARLY MONITORED TO AVOID PROTECTED SPECIES ENTRAPMENT. BARRIERS MAY NOT BLOCK SEA TURTLE OR SMALLTOOTH SAWFISH ENTRY TO OR EXIT FROM DESIGNATED CRITICAL HABITAT WITHOUT PRIOR AGREEMENT FROM THE NATIONAL MARINE FISHERIES SERVICE'S PROTECTED RESOURCES DIVISION, ST. PETERSBURG, FLORIDA.
4. ALL VESSELS ASSOCIATED WITH THE CONSTRUCTION PROJECT SHALL OPERATE AT "NO WAKE/IDLE" SPEEDS AT ALL TIMES WHILE IN THE CONSTRUCTION AREA AND WHILE IN WATER DEPTHS WHERE THE DRAFT OF THE VESSEL PROVIDES LESS THAN A FOUR-FOOT CLEARANCE FROM THE BOTTOM. ALL VESSELS WILL PREFERENTIALLY FOLLOW DEEP-WATER ROUTES (E.G., MARKED CHANNELS) WHENEVER POSSIBLE.
5. IF A SEA TURTLE OR SMALLTOOTH SAWFISH IS SEEN WITHIN 100 YARDS OF THE ACTIVE DAILY CONSTRUCTION/DREDGING OPERATION OR VESSEL MOVEMENT, ALL APPROPRIATE PRECAUTIONS SHALL BE IMPLEMENTED TO ENSURE ITS PROTECTION. THESE PRECAUTIONS SHALL INCLUDE CESSATION OF OPERATION OF ANY MOVING EQUIPMENT CLOSER THAN 50 FEET OF A SEA TURTLE OR SMALLTOOTH SAWFISH. OPERATION OF ANY MECHANICAL CONSTRUCTION EQUIPMENT SHALL CEASE IMMEDIATELY IF A SEA TURTLE OR SMALLTOOTH SAWFISH IS SEEN WITHIN A 50-FT RADIUS OF THE EQUIPMENT. ACTIVITIES MAY NOT RESUME UNTIL THE PROTECTED SPECIES HAS DEPARTED THE PROJECT AREA OF ITS OWN VOLITION.
6. ANY COLLISION WITH AND/OR INJURY TO A SEA TURTLE OR SMALLTOOTH SAWFISH SHALL BE REPORTED IMMEDIATELY TO THE NATIONAL MARINE FISHERIES SERVICE'S PROTECTED RESOURCES DIVISION (727-824-5312) AND THE LOCAL AUTHORIZED SEA TURTLE STRANDING/RESCUE ORGANIZATION.
7. ANY SPECIAL CONSTRUCTION CONDITIONS, REQUIRED OF YOUR SPECIFIC PROJECT, OUTSIDE THESE GENERAL CONDITIONS, IF APPLICABLE, WILL BE ADDRESSED IN THE PRIMARY CONSULTATION.

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: ARF 06-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: GENERAL NOTES (3 OF 3)		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: AJL 06-19						SHEET NO.
							DESIGNED BY: CEL 06-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B-5	
							CHECKED BY: AJL 06-19	CR 865	LEE	CN160002			

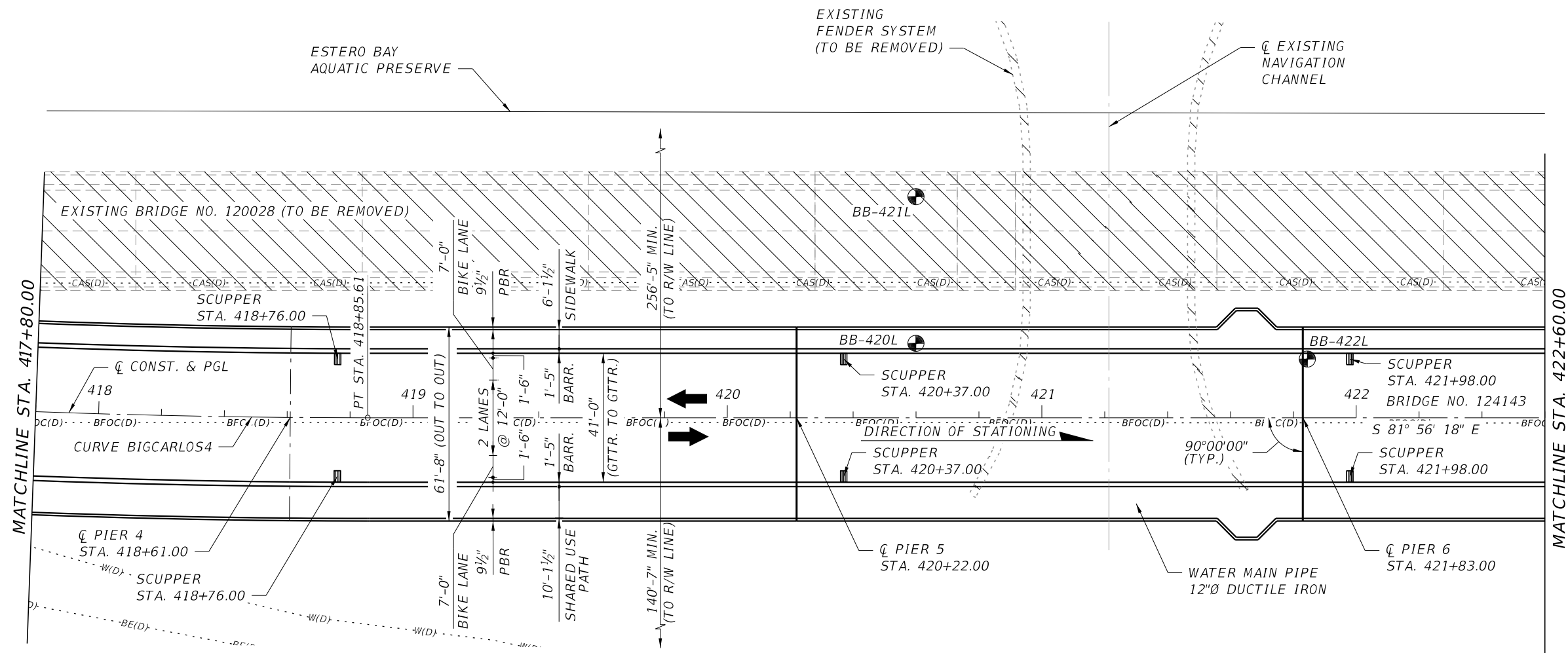


REVISIONS						DRAWN BY: ARF 06-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: PLAN AND ELEVATION (1 OF 6)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						
						CHECKED BY: AJL 06-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-1
						DESIGNED BY: CEL 06-19	CR 865	LEE	CN160002		
						CHECKED BY: ATB 06-19					

Kisinger Campo & Associates Corp.
201 N. Franklin Street
Suite 400
Tampa, FL 33602
Alfredo Jose Layrisse, PE No. 75610

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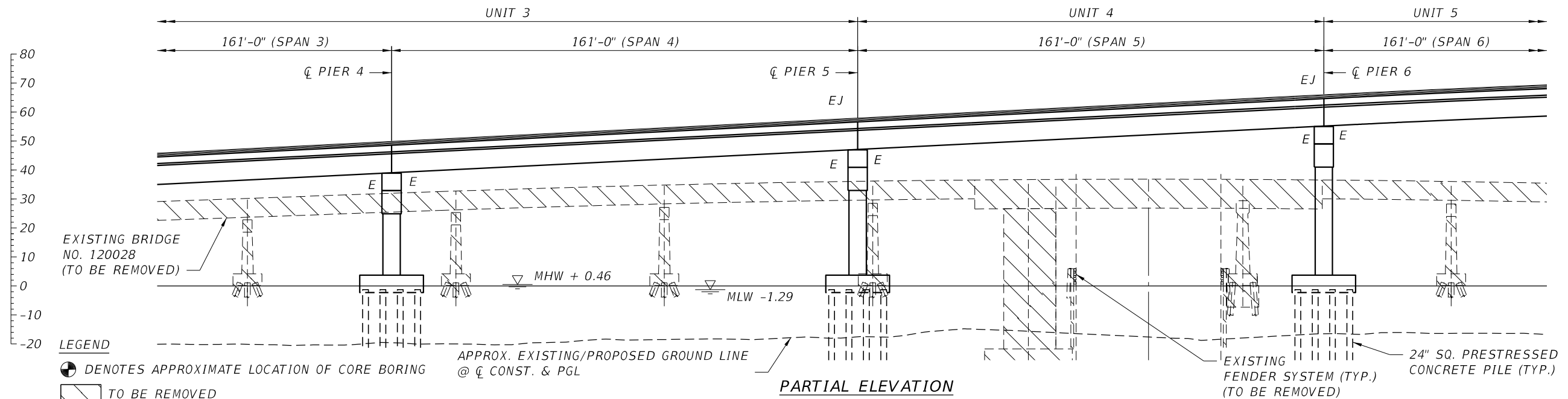
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PARTIAL PLAN

2266'-0" (OVERALL LENGTH OF BRIDGE)

SHIP IMPACT ZONE (82 KIP PER PIER)

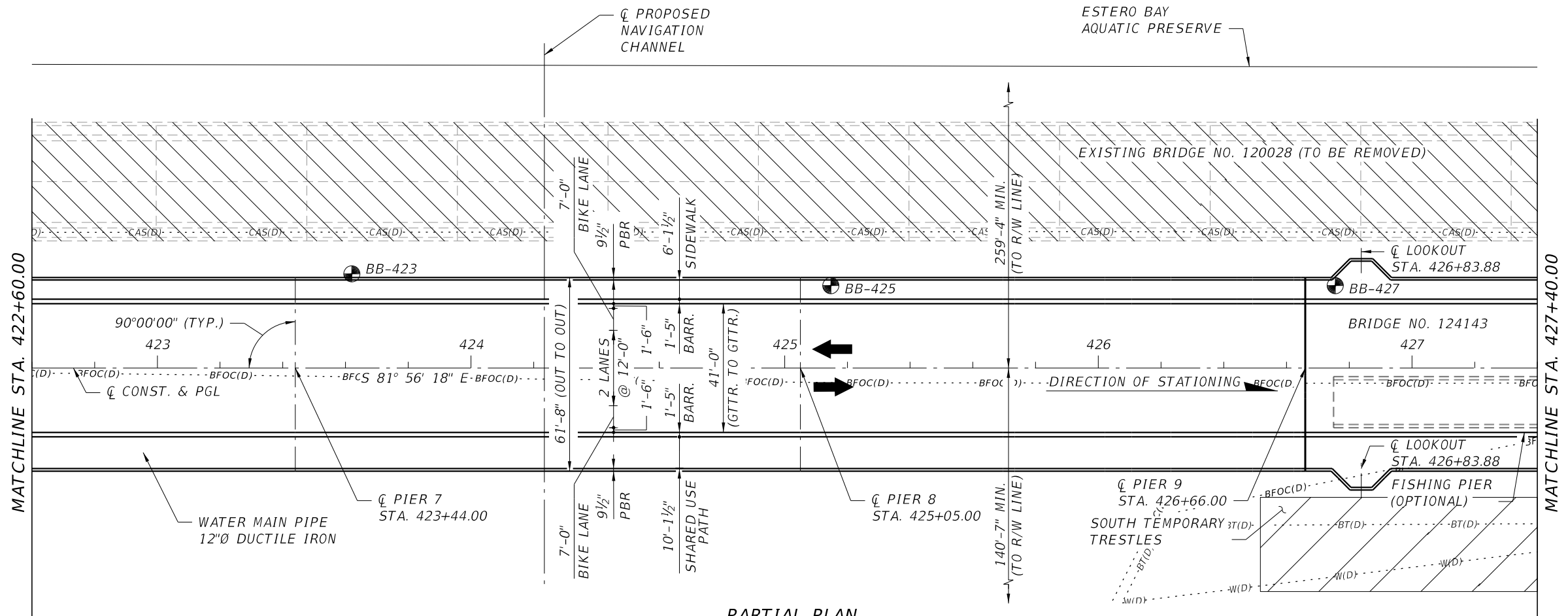


PARTIAL ELEVATION

BRIDGE NO. 124143

REVISIONS						DRAWN BY: ARF 06-19 CHECKED BY: AJL 06-19 DESIGNED BY: CEL 06-19 CHECKED BY: ATB 06-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: PLAN AND ELEVATION (2 OF 6)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	COUNTY PROJECT No		
							CR 865	LEE	CN160002	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-2

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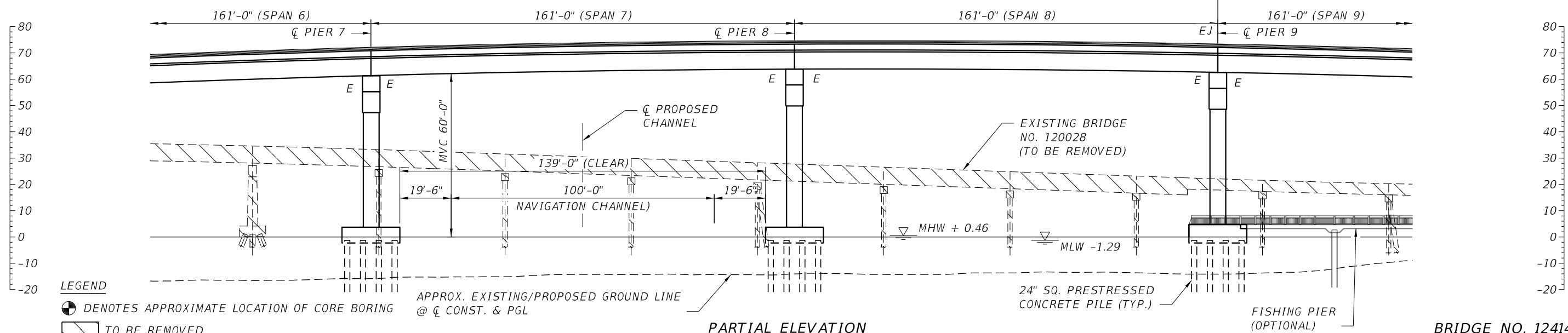
PARTIAL PLAN

2266'-0" (OVERALL LENGTH OF BRIDGE)

SHIP IMPACT ZONE (82 KIP PER PIER)

UNIT 5

UNIT 6

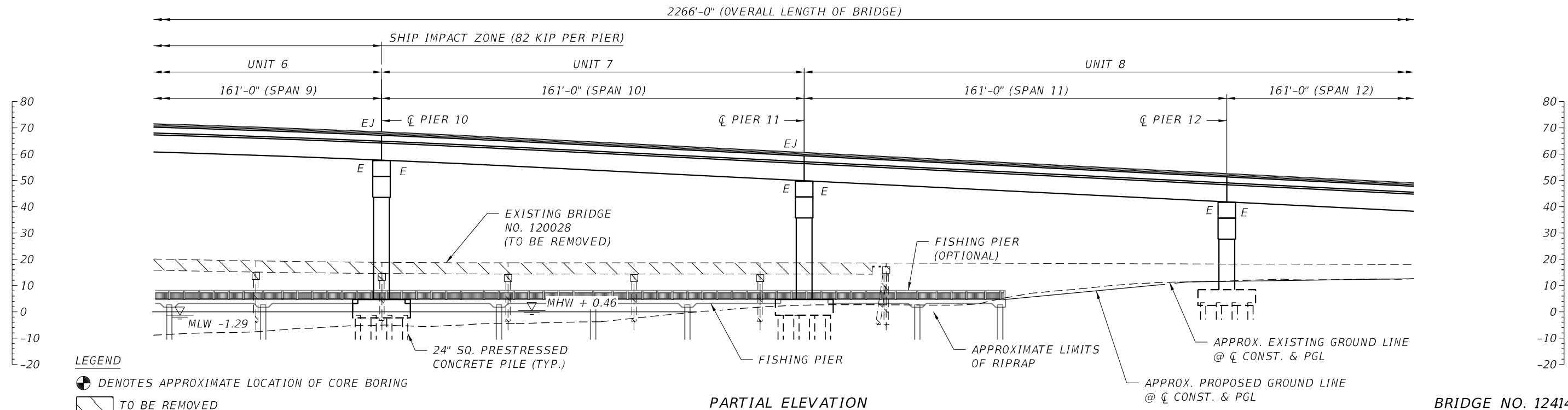
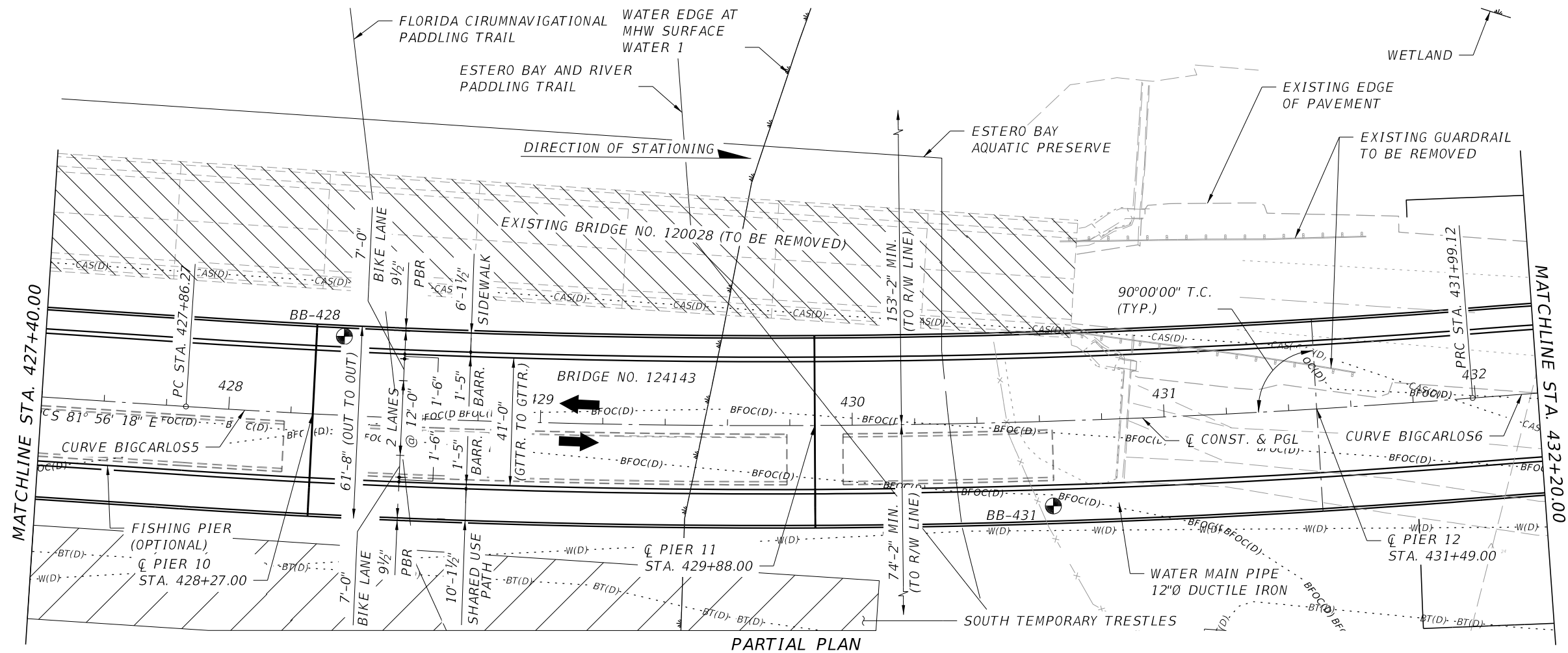


PARTIAL ELEVATION

BRIDGE NO. 124143

REVISIONS						DRAWN BY: ARF 06-19 CHECKED BY: AJL 06-19 DESIGNED BY: CEL 06-19 CHECKED BY: ATB 06-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: PLAN AND ELEVATION (3 OF 6)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	COUNTY PROJECT No		
							CR 865	LEE	CN160002	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-3

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LEGEND

- ⊙ DENOTES APPROXIMATE LOCATION OF CORE BORING
- ▨ TO BE REMOVED

BRIDGE NO. 12413

REVISIONS						DRAWN BY: ARF 06-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: PLAN AND ELEVATION (4 OF 6)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						
						CHECKED BY: AJL 06-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-4
						DESIGNED BY: CEL 06-19	CR 865	LEE	CN160002		
						CHECKED BY: ATB 06-19					

Kisinger Campo & Associates Corp.
201 N. Franklin Street
Suite 400
Tampa, FL 33602
Alfredo Jose Layrisse, PE No. 75610

DRAWN BY:
ARF 06-19
CHECKED BY:
AJL 06-19
DESIGNED BY:
CEL 06-19
CHECKED BY:
ATB 06-19

LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

SHEET TITLE:

PROJECT NAME:

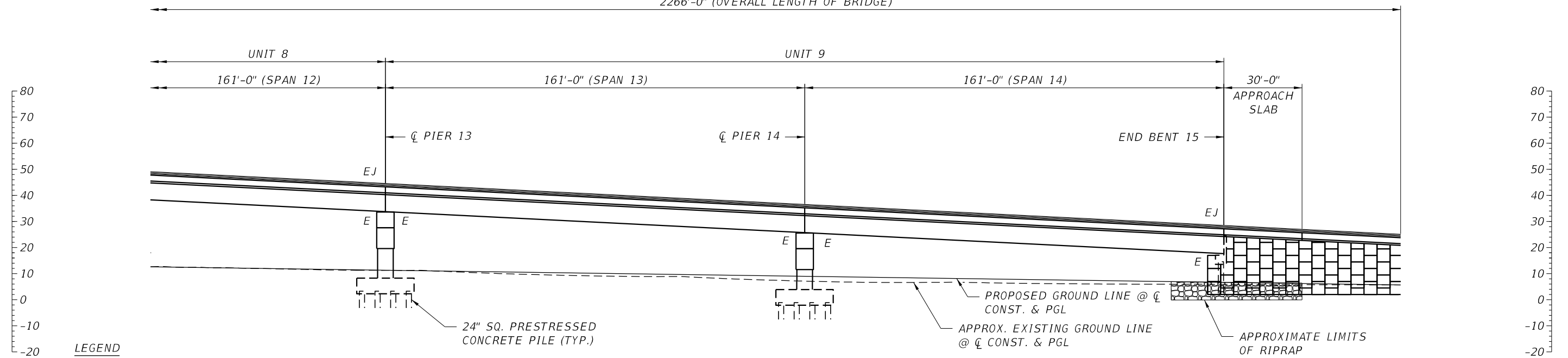
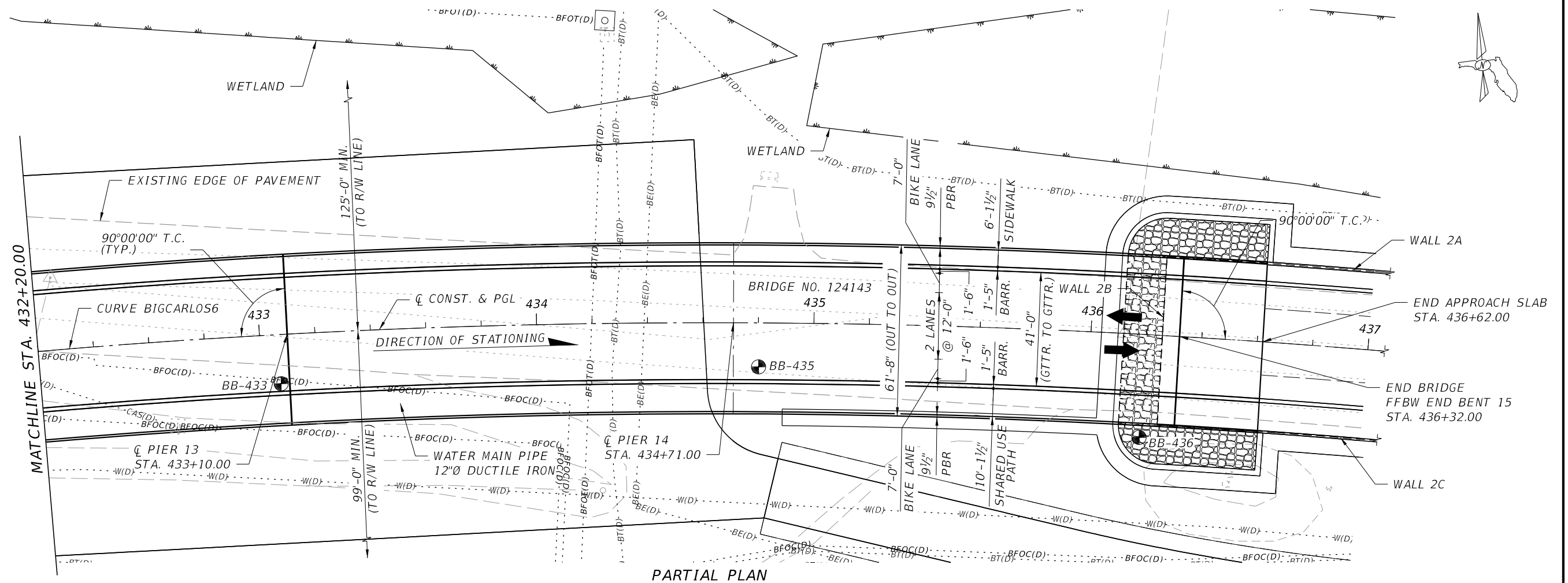
PLAN AND ELEVATION (4 OF 6)

ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS

REF. DWG. NO.

SHEET NO.
B1-4

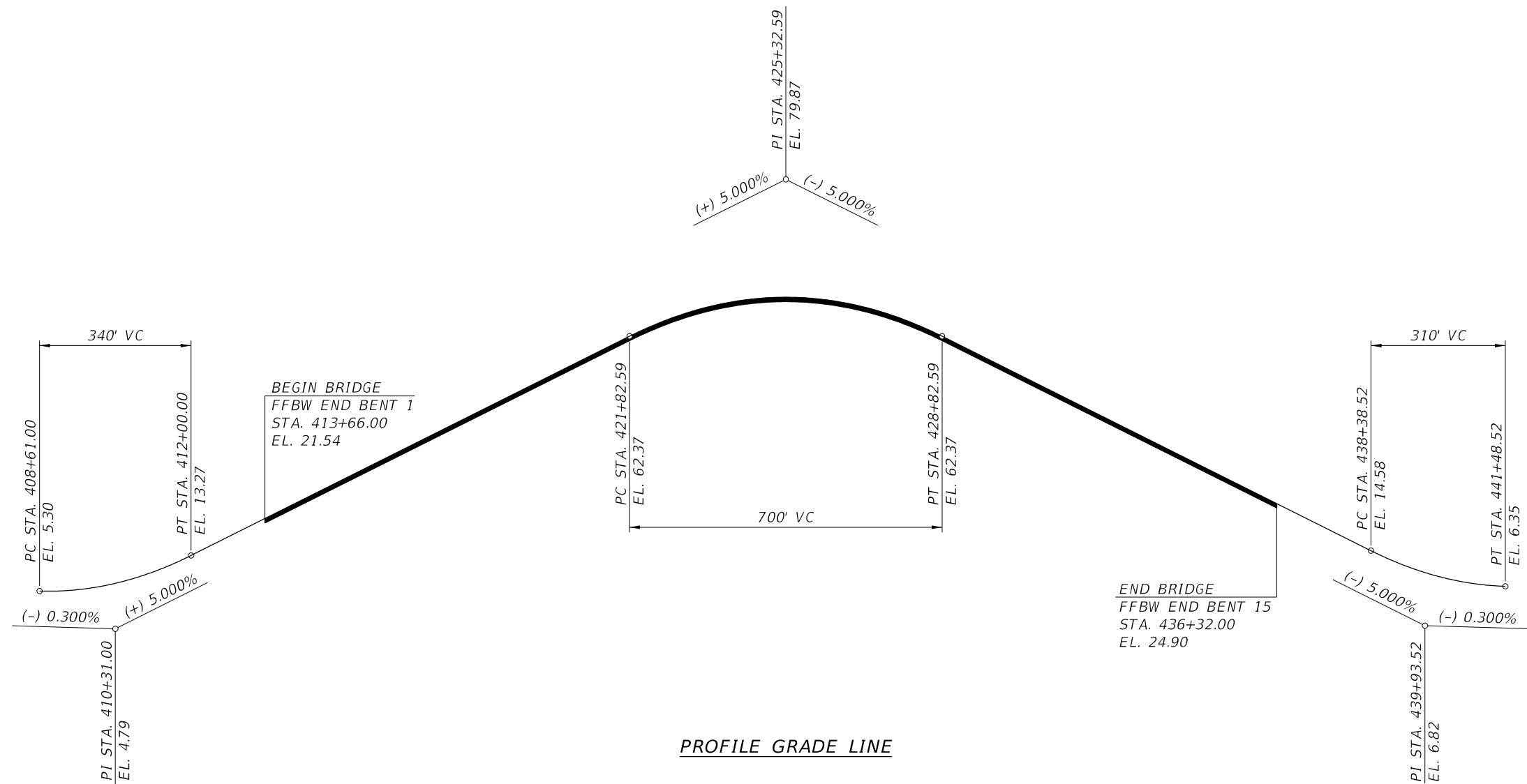
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BRIDGE NO. 124143

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TRAFFIC DATA

CURRENT YEAR = 2017 AADT = 11,100
ESTIMATED OPENING YEAR = 2026 AADT = 12,600
ESTIMATED DESIGN YEAR = 2045 AADT = 16,000
K = 9.0% D = 54.7% T = 3.7% (24 HOUR)
DESIGN HOUR T = 1.9%
DESIGN SPEED = 40 MPH

CURVE BIGCARLOS3

P.I. STATION 411+41.30
DELTA = 14° 35' 02"(RT)
DEGREE = 2° 29' 59"
TANGENT = 293.28
LENGTH = 583.40
RADIUS = 2,292.00
P.C. STATION 408+48.02
P.T. STATION 414+31.41
e = NC

CURVE BIGCARLOS4

P.I. STATION 416+58.99
DELTA = 9° 05' 00" (LT)
DEGREE = 1° 59' 59"
TANGENT = 227.58
LENGTH = 454.20
RADIUS = 2,865.00
P.C. STATION 414+31.41
P.T. STATION 418+85.61
e = NC

CURVE BIGCARLOS5

P.I. STATION 429+93.05
DELTA = 8° 15' 25" (LT)
DEGREE = 2° 00' 00"
TANGENT = 206.78
LENGTH = 412.85
RADIUS = 2,864.78
P.C. STATION 427+86.27
P.R.C. STATION 431+99.12
e = NC

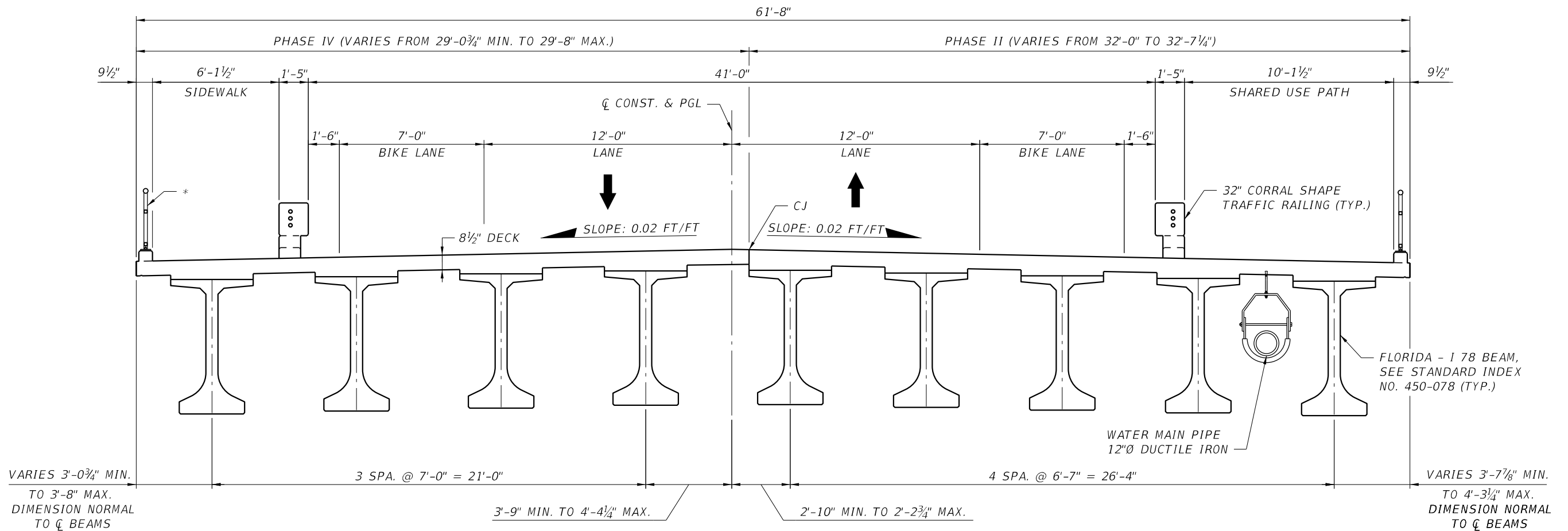
CURVE BIGCARLOS6

P.I. STATION 442+71.07
DELTA = 41° 01' 48" (RT)
DEGREE = 2° 00' 00"
TANGENT = 1,071.95
LENGTH = 2,051.49
RADIUS = 2,864.78
P.R.C. STATION 431+99.12
P.T. STATION 452+50.60
e = NC

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: ARF 06-19 CHECKED BY: AJL 06-19 DESIGNED BY: CEL 06-19 CHECKED BY: AJL 06-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: PLAN AND ELEVATION (6 OF 6)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN160002	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-6

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* 42" BRIDGE PEDESTRIAN/BICYCLE RAILING (ALUMINUM),
SCHEME 2, INDEX 515-061 (TYP.)

TYPICAL SECTION
(SPAN 1)

BRIDGE NO. 124143

REVISIONS						<div>Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610</div>	<div>DRAWN BY: ARF 06-19 CHECKED BY: AJL 06-19 DESIGNED BY: CEL 06-19 CHECKED BY: AJR 06-19</div>	<div>LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION</div>			SHEET TITLE:		REF. DWG. NO.	
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						TYPICAL SECTION (1 OF 2)			
										ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.
													ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	

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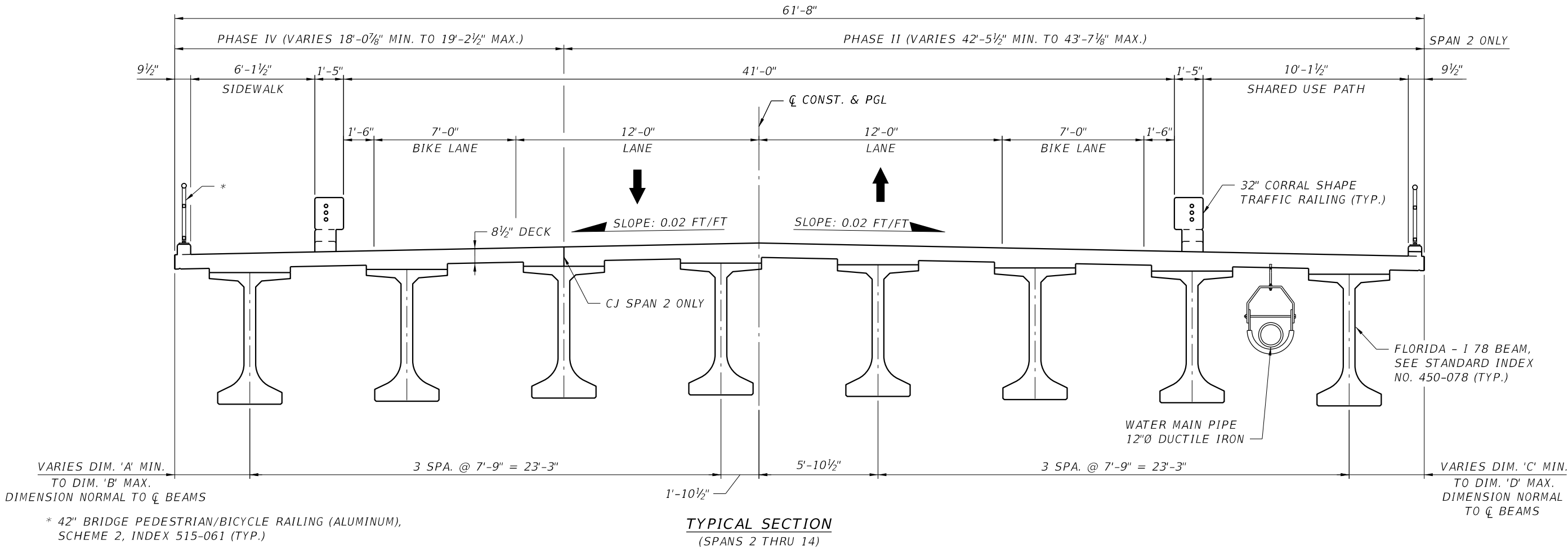


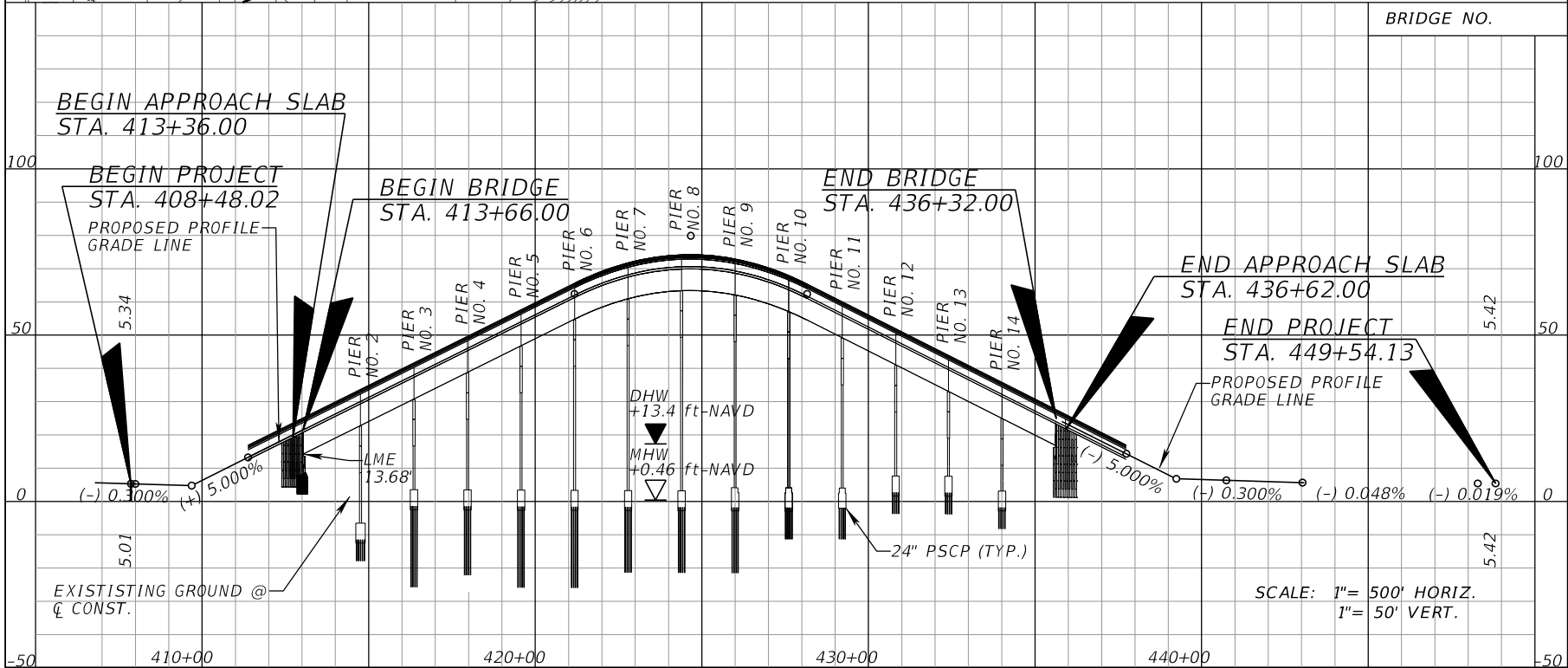
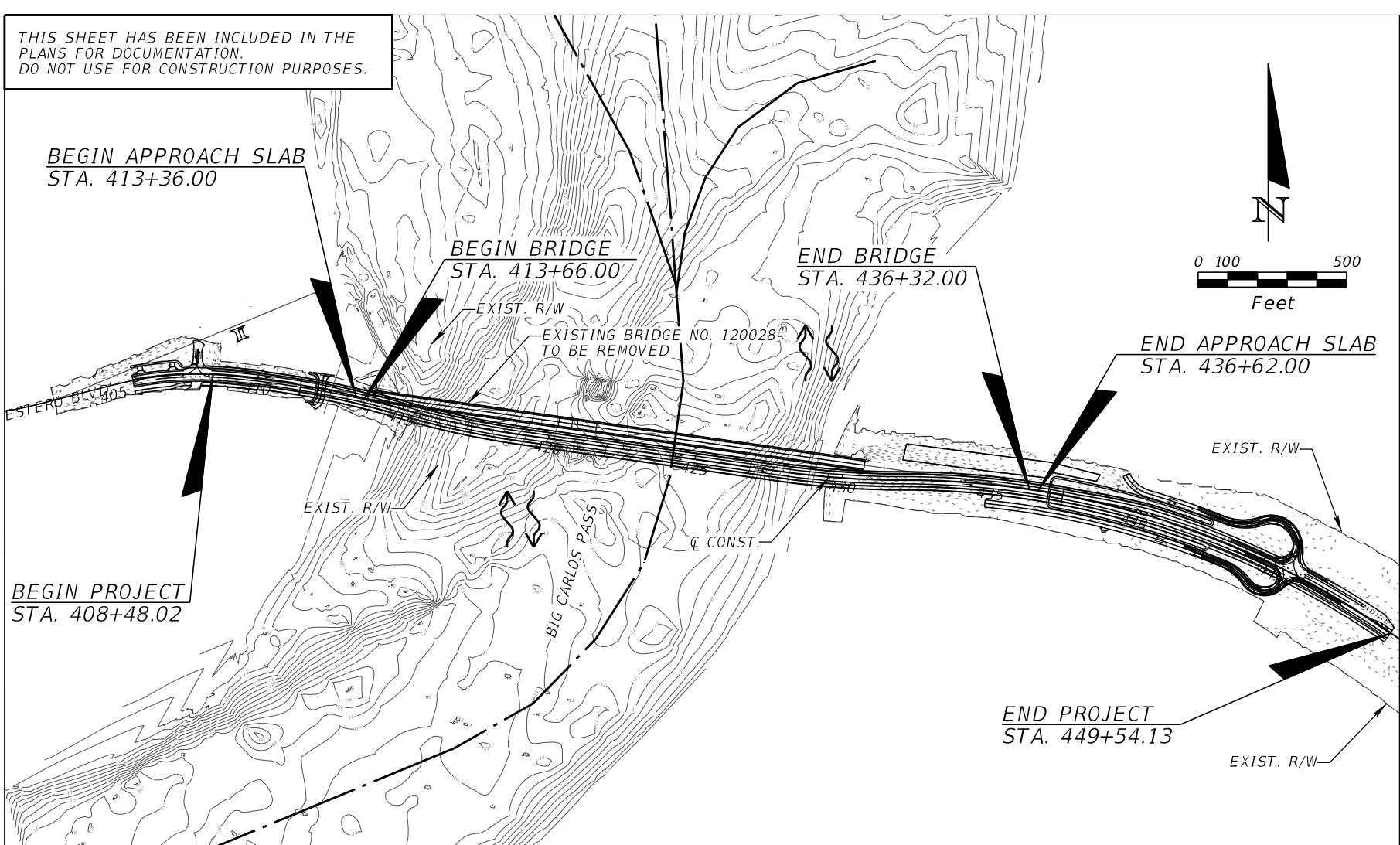
TABLE OF DIMENSIONS				
SPAN	'A'	'B'	'C'	'D'
2	2'-6 ⁷ / ₈ "	3'-8 ³ / ₈ "	3'-8 ³ / ₈ "	4'-10 ¹ / ₈ "
3	2'-6 ⁷ / ₈ "	3'- 8 ³ / ₈ "	3'-8 ³ / ₈ "	4'-10 ¹ / ₈ "
4	3'-7 ³ / ₈ "	3'-8 ¹ / ₂ "	3'-8 ¹ / ₂ "	3'-9 ⁵ / ₈ "
5	3'-8 ¹ / ₂ "	3'-8 ¹ / ₂ "	3'-8 ¹ / ₂ "	3'-8 ¹ / ₂ "
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7	3'-8 ¹ / ₂ "	3'-8 ¹ / ₂ "	3'-8 ¹ / ₂ "	3'-8 ¹ / ₂ "
8	3'-8 ¹ / ₂ "	3'-8 ¹ / ₂ "	3'-8 ¹ / ₂ "	3'-8 ¹ / ₂ "
9	3'-5 ⁷ / ₈ "	3'-8 ¹ / ₂ "	3'-8 ¹ / ₂ "	3'-11 ¹ / ₈ "
10	2'-6 ⁷ / ₈ "	3'-8 ³ / ₈ "	3'-8 ³ / ₈ "	4'-10 ¹ / ₈ "
11	2'-6 ⁷ / ₈ "	3'-8 ³ / ₈ "	3'-8 ³ / ₈ "	4'-10 ¹ / ₈ "
12	3'-8 ¹ / ₂ "	4'-5 ³ / ₈ "	2'-11 ⁵ / ₈ "	3'-8 ³ / ₈ "
13	3'-8 ³ / ₈ "	4'-10"	2'-7"	3'-8 ³ / ₈ "
14	3'-8 ³ / ₈ "	4'-10"	2'-7"	3'-8 ³ / ₈ "

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: ARF 06-19 CHECKED BY: AJL 06-19 DESIGNED BY: CEL 06-19 CHECKED BY: AJR 06-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: TYPICAL SECTION (2 OF 2)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN160002		
											PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-8

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

THIS SHEET HAS BEEN INCLUDED IN THE PLANS FOR DOCUMENTATION.
DO NOT USE FOR CONSTRUCTION PURPOSES.

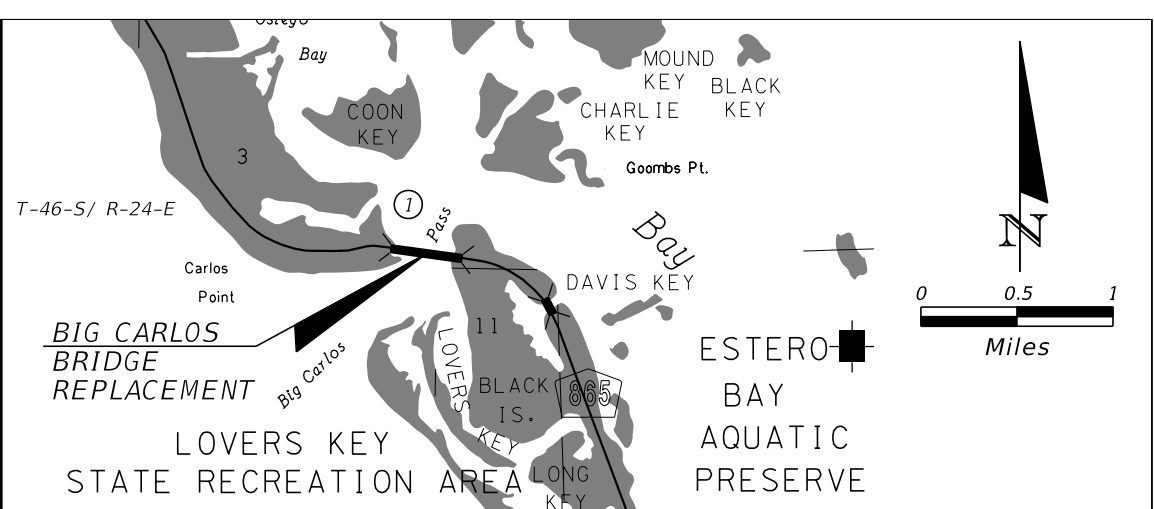


REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Kisinger Campo & Associates Corp.
201 N. Franklin Street
Suite 400
Tampa, FL 33602
Curt Sprunger, PE No. 66524

LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION		
DRAWN BY: GAG 07-19	ROAD NO.	COUNTY
CHECKED BY: TAK 07-19	COUNTY	COUNTY PROJECT No
DESIGNED BY: INTERA 06-19	CR 865	LEE
CHECKED BY: INTERA 06-19		CN160002

SHEET TITLE:		REF. DWG. NO.
BRIDGE HYDRAULIC RECOMMENDATIONS SHEET		
PROJECT NAME:		SHEET NO.
CR 865 (ESTERO BOULEVARD) OVER BIG CARLOS PASS		B1-9



(REFERENCE) FOUNDATION OVERALL LENGTH SPAN LENGTH TYPE CONSTRUCTION AREA OF OPENING@D.F. BRIDGE WIDTH ELEV. LOW MEMBER	EXISTING STRUCTURES				PROPOSED STRUCTURE Concrete Piles 2266' 161', 173' Concrete 50,190 sq-ft 61'-8" 13.68'
	(1) Concrete 1687' 48'-72' Concrete 19,480 sq-ft 37.61' +5.19'	(2)	(3)	(4)	

NOTE:
The hydraulic data is shown for informational purposes only to indicate the flood discharges and water surface elevations which may be anticipated in any given year. This data was generated using highly variable factors determined by a study of the watershed. Many judgements and assumptions are required to establish these factors. The resultant hydraulic data is sensitive to changes, particularly antecedent conditions, urbanization, channelization and land use. Users of this data are cautioned against the assumption of precision which cannot be obtained.

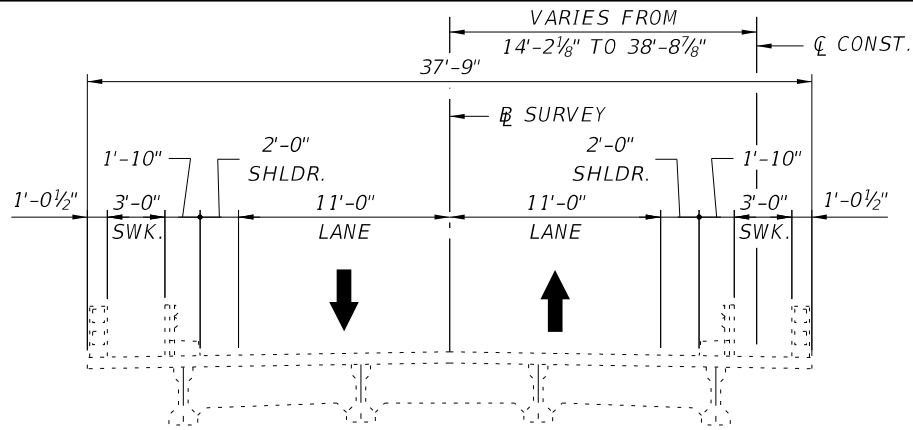
HYDRAULIC DESIGN DATA				
Design Flood: Utilized to assure a desired level of hydraulic performance.				
Base Flood: Has a 1% chance of being exceeded in any given year (100 year frequency)				
Overtopping Flood: Causes flow over the highway, over a watershed divide, or thru emergency relief structures.				
Greatest Flood: The most severe that can be predicted where overtopping is not practicable.				
WATER SURFACE ELEVATIONS: N.H.W. (Non-Tidal) NA M.H.W. (Tidal) +0.46 ft-NAVD88				
CONTROL (Non-Tidal) NA M.L.W. (Tidal) -1.29 ft-NAVD88				
FLOOD DATA: MAX. EVENT OF RECORD DESIGN FLOOD BASE FLOOD				
STAGE ELEV. NAVD (ft) UNKNOWN +13.4 +14.3				
DISCHARGE (cfs) NA 247,646 239,018				
AVERAGE VELOCITY (f/s) NA 7.6 7.3				
EXCEEDANCE PROB. (%) NA 2 1				
FREQUENCY (yr.) NA 50 100				
SCOUR PREDICTIONS FOR PROPOSED STRUCTURE DESCRIBED ABOVE:				
PIER INFORMATION				
NUMBERS SIZE AND TYPE LONG TERM SCOUR ELEV. TOTAL SCOUR ELEVATION WORST CASE < 100 yr. FREQ. (yr.) WORST CASE < 500 yr. FREQ. (yr.)				
Pier 2 24 inch square piles -16.0 -22.0 -22.0				
Pier 3 24 inch square piles -25.0 -25.0 -25.0				
Pier 4 24 inch square piles -25.0 -25.0 -25.0				
Pier 5 24 inch square piles -19.0 -19.0 -19.0				
Pier 6 24 inch square piles -23.0 -23.0 -23.0				
Pier 7 24 inch square piles -27.0 -27.0 -27.0				
Pier 8 24 inch square piles -29.0 -32.0 -32.0				
Pier 9 24 inch square piles -26.0 -27.0 -27.0				
Pier 10 24 inch square piles -14.0 -22.0 -22.0				
Pier 11 24 inch square piles -10.0 -24.0 -25.0				
Pier 12 24 inch square piles 5.0 -22.0 -21.0				
Pier 13 24 inch square piles 5.0 -16.0 -18.0				
Pier 14 24 inch square piles 5.0 -14.0 -15.0				

HYDRAULIC RECOMMENDATIONS				
1. BEGIN BRIDGE STATION 413+66 END BRIDGE STATION 436+32 SKEW ANGLE 0				
2. CLEARANCE PROVIDED: NAV: HORIZ. 100' VERT. 61.4' ABOVE EL. +0.46 DRIFT: HORIZ. - VERT. overtopped ABOVE EL. +17.3				
3. MINIMUM CLEARANCE: NAV: HORIZ. 10' VERT. 6.0' ABOVE EL. +0.46 DRIFT: HORIZ. - VERT. 2.0' ABOVE EL. +17.3				
4. ABUTMENTS:				
RUBBLE GRADE: BEGIN BRIDGE END BRIDGE				
SLOPE: Rubble riprap Rubble riprap				
BURIED OR NON-BURIED HORIZ. TOE: flat flat				
TOE HORIZ. DISTANCE: Non-buried Non-buried				
LIMIT OF PROTECTION: 15' 15'				
413+36 436+62				

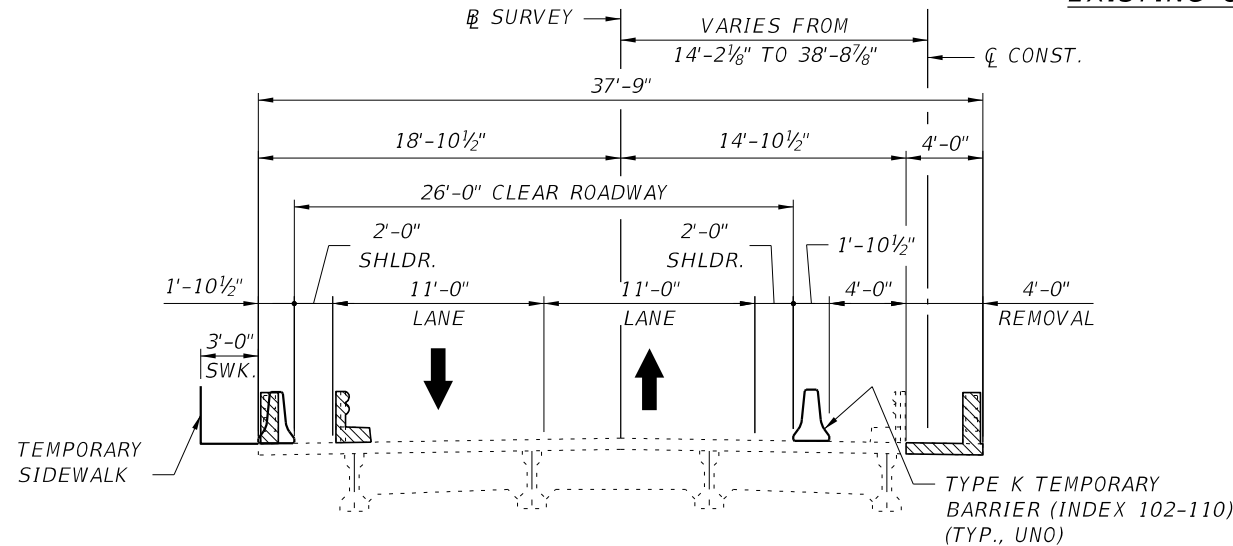
5. DECK DRAINAGE: Runoff from the western portion of the bridge will drain to the open water via scuppers. Runoff from the eastern portion of the bridge will drain down the bridge to inlets located just off of the bridge. This water will be conveyed via a closed storm sewer system to the stormwater management facility for treatment and then discharge to the bay.

REMARKS: Drift vertical elevation is the 100-yr storm surge elevation when velocity is 3.3 fps per FDOT DDG 5-203.

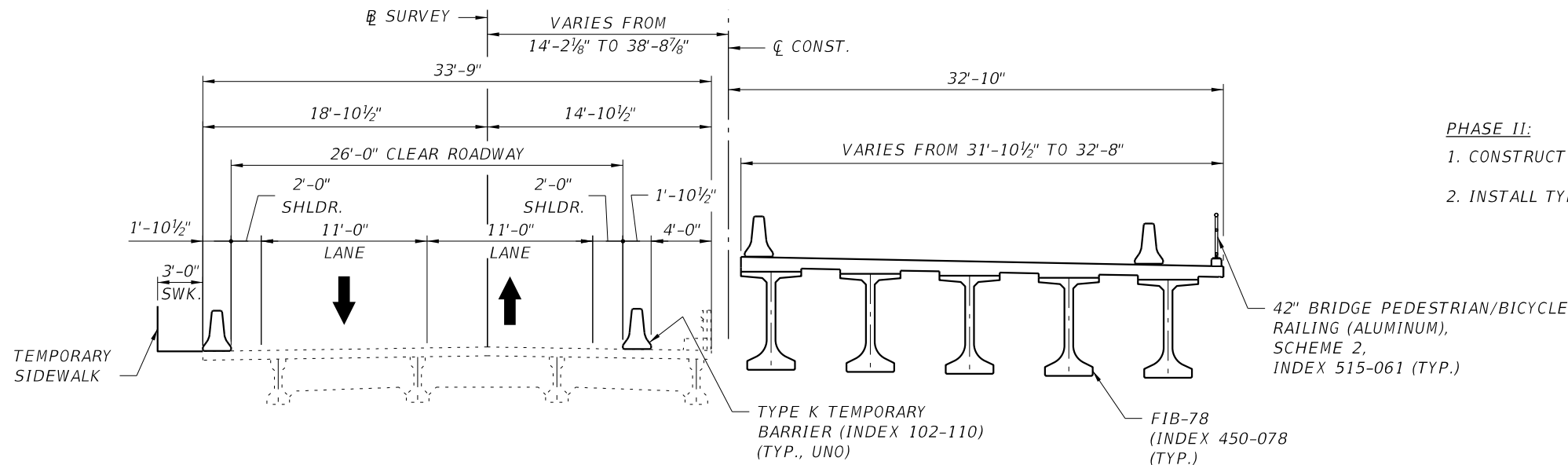
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EXISTING CONDITION



PHASE I



PHASE II

NOTES:

1. VERTICAL OFFSET BETWEEN EXISTING BRIDGE AND PROPOSED BRIDGE NOT TO SCALE.

PHASE I:

1. SHIFT TRAFFIC LANES AS SHOWN.
2. INSTALL TYPE K TEMPORARY CONCRETE BARRIER AS SHOWN.
3. REMOVE RIGHT SIDE EXISTING POST AND RAIL, VERTICAL FACE RAILING AND DECK OVERHANG TO CUTLINE LIMIT AS SHOWN. ALONG THE BRIDGE LENGTH, REMOVE ONLY THE PORTION IN CONFLICT WITH PROPOSED BRIDGE (APPROX. 25 FT).
4. REMOVE LEFT SIDE EXISTING POST AND GUARDRAIL, VERTICAL FACE RAILING AND CURB. SEE TTC PLAN FOR LENGTH ALONG THE BRIDGE.
5. CONSTRUCT TEMPORARY SIDEWALK.

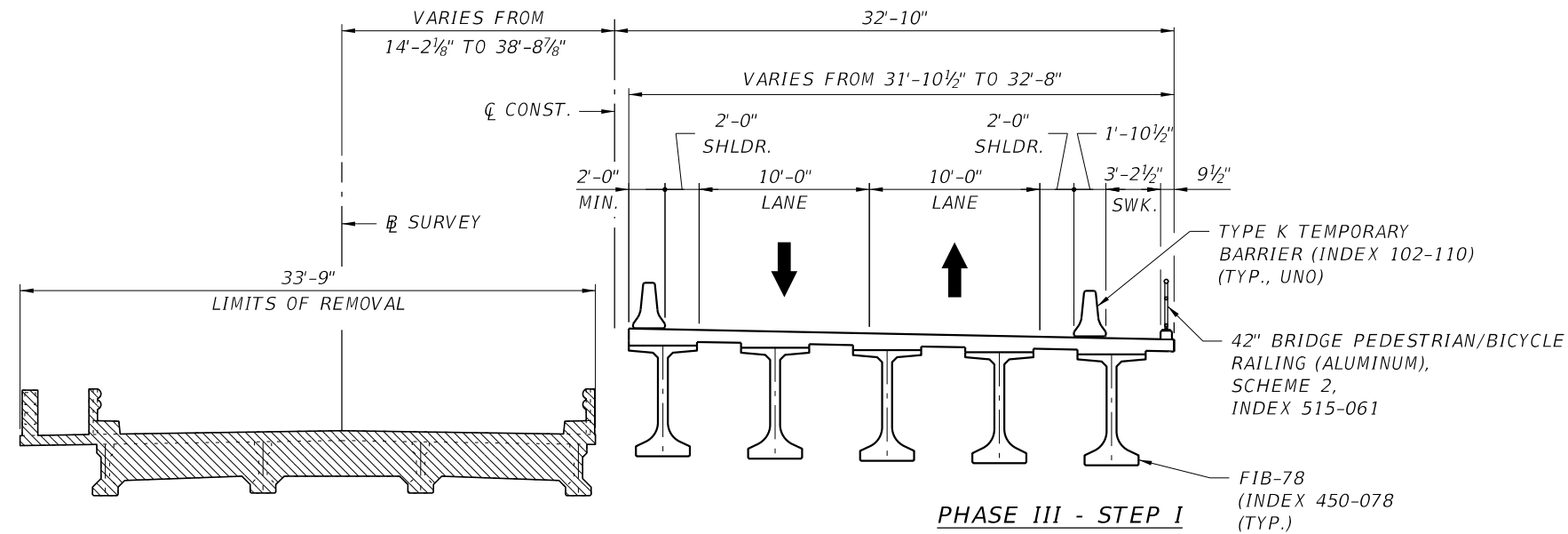
PHASE II:

1. CONSTRUCT PROPOSED DECK, BEAM, AND PEDESTRIAN RAILING.
2. INSTALL TYPE K TEMPORARY CONCRETE BARRIER AS SHOWN.

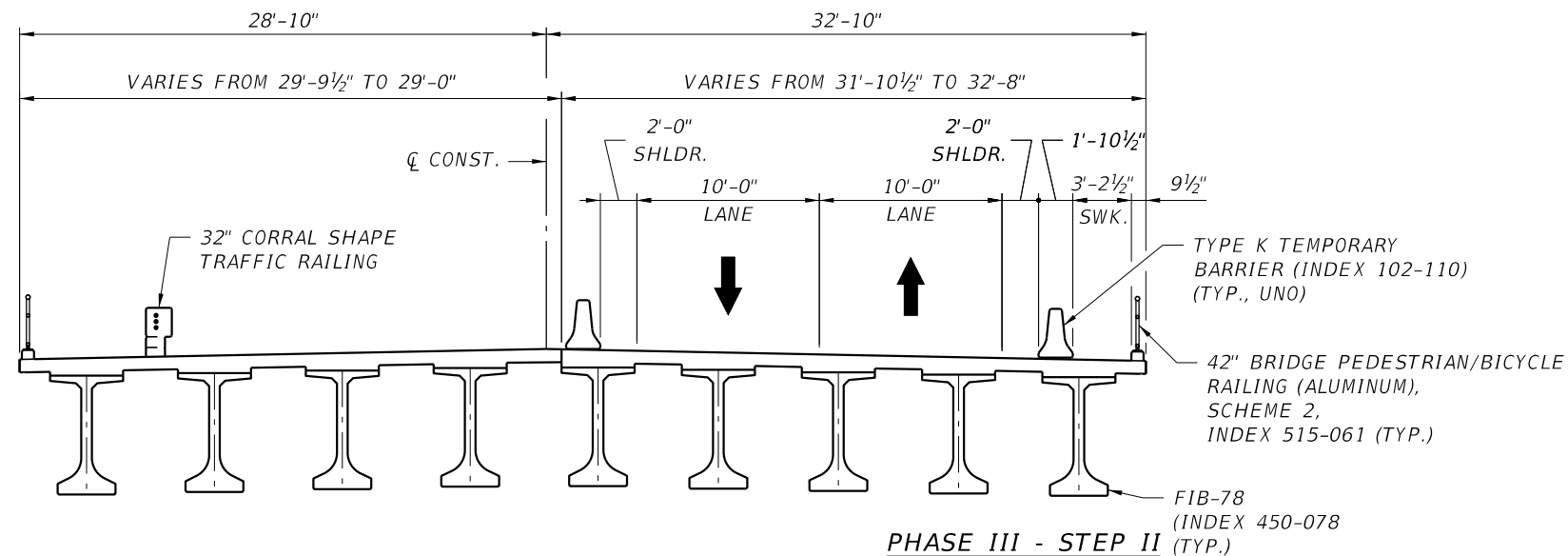
BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: CEL 06-19 CHECKED BY: AJL 06-19 DESIGNED BY: CEL 06-19 CHECKED BY: AJL 06-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: CONSTRUCTION SEQUENCE (1 OF 3) SPAN 1 PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	REF. DWG. NO. SHEET NO. B1-10
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN160002		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



- PHASE III - STEP I:**
1. SHIFT TRAFFIC LANES AS SHOWN.
 2. REMOVE REMAINDER OF EXISTING BRIDGE.

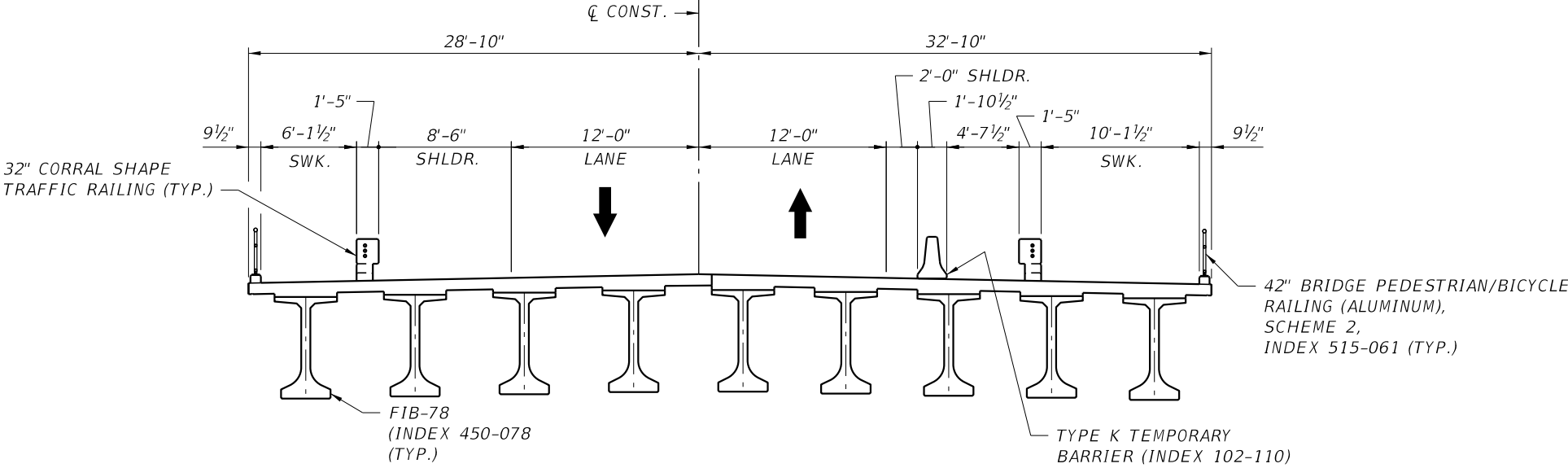


- PHASE III - STEP II**
1. CONSTRUCT THE REST OF PROPOSED DECK, BEAM, TRAFFIC RAILING AND PEDESTRIAN RAILING.

BRIDGE NO. 124143

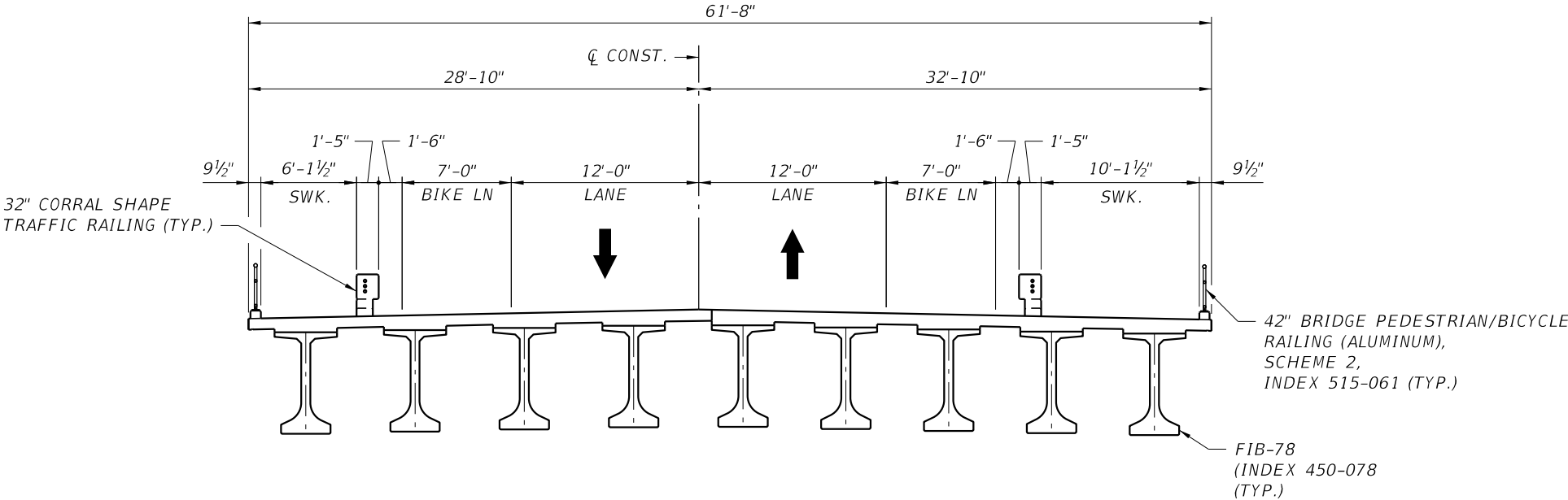
REVISIONS						<i>Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610</i>	DRAWN BY: CEL 06-19			LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: AJL 06-19						CONSTRUCTION SEQUENCE (2 OF 3) SPAN 1		
							DESIGNED BY: CEL 06-19			ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-11	
							CHECKED BY: AJL 06-19			CR 865	LEE	CN160002			

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PHASE IV

- PHASE IV:
- 1. SHIFT EASTBOUND TRAFFIC LANE AS SHOWN.
 - 2. CONSTRUCT PROPOSED TRAFFIC RAILING.



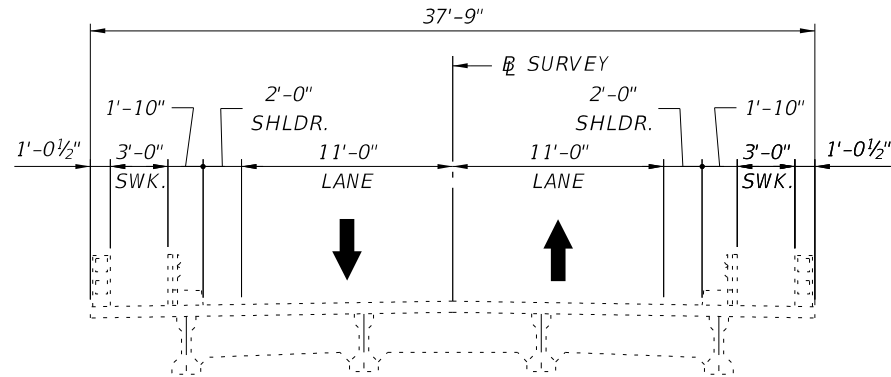
PHASE V

- PHASE V:
- 1. REMOVE TYPE K TEMPORARY CONCRETE BARRIER AS SHOWN.
 - 2. SHIFT TRAFFIC LANES AS SHOWN.

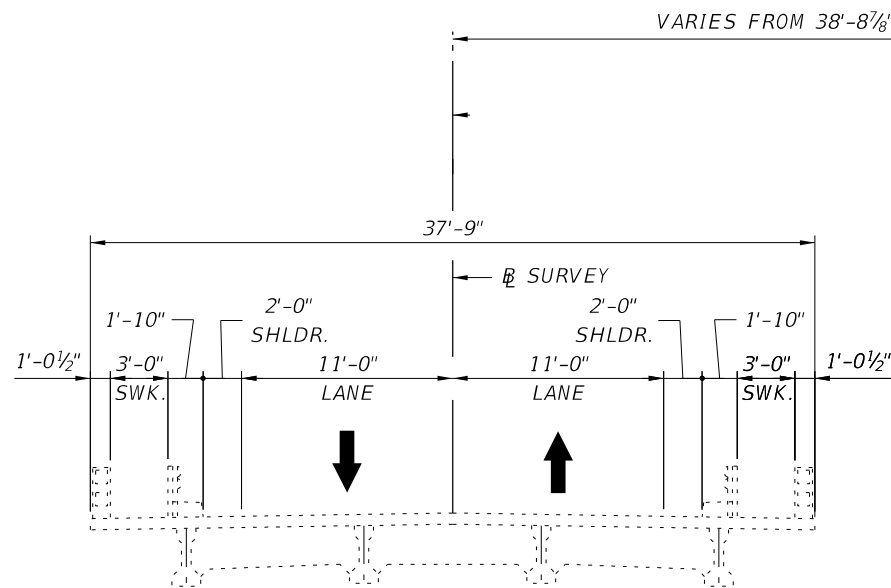
BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: CEL 06-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: CONSTRUCTION SEQUENCE (3 OF 3) SPAN 1		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: AJL 06-19						
							DESIGNED BY: CEL 06-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.	
							CHECKED BY: CEL 06-19	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		
							CHECKED BY: AJL 06-19					B1-12	

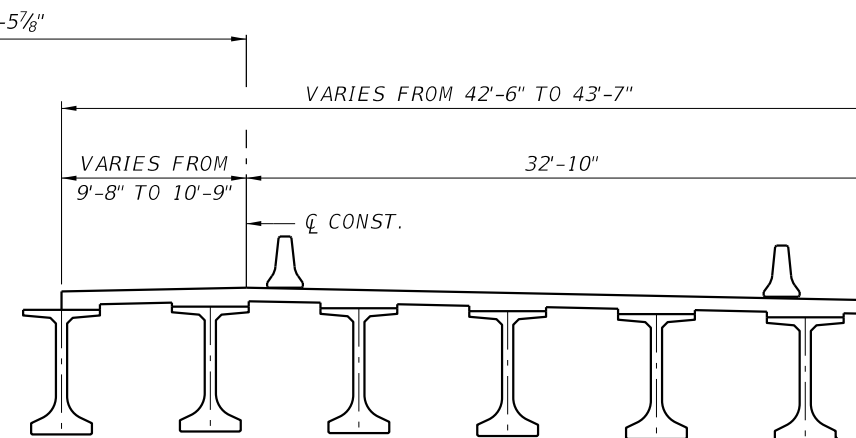
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EXISTING CONDITION



PHASE II



PHASE II:

1. CONSTRUCT PROPOSED DECK, BEAM, AND PEDESTRIAN RAILING.
2. INSTALL TYPE K TEMPORARY CONCRETE BARRIER AS SHOWN.

42" BRIDGE PEDESTRIAN/BICYCLE RAILING (ALUMINUM), SCHEME 2, INDEX 515-061 (TYP.)

FIB-78 (INDEX 450-078 (TYP.))

BRIDGE NO. 124143

REVISIONS						DRAWN BY: CEL 06-19 CHECKED BY: AJL 06-19 DESIGNED BY: CEL 06-19 CHECKED BY: AJL 06-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: CONSTRUCTION SEQUENCE (1 OF 2) SPAN 2	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						
							ROAD NO.	COUNTY	COUNTY PROJECT No		
							CR 865	LEE	CN160002	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-13

Kisinger Campo & Associates Corp.
201 N. Franklin Street
Suite 400
Tampa, FL 33602
Alfredo Jose Layrisse, PE No. 75610

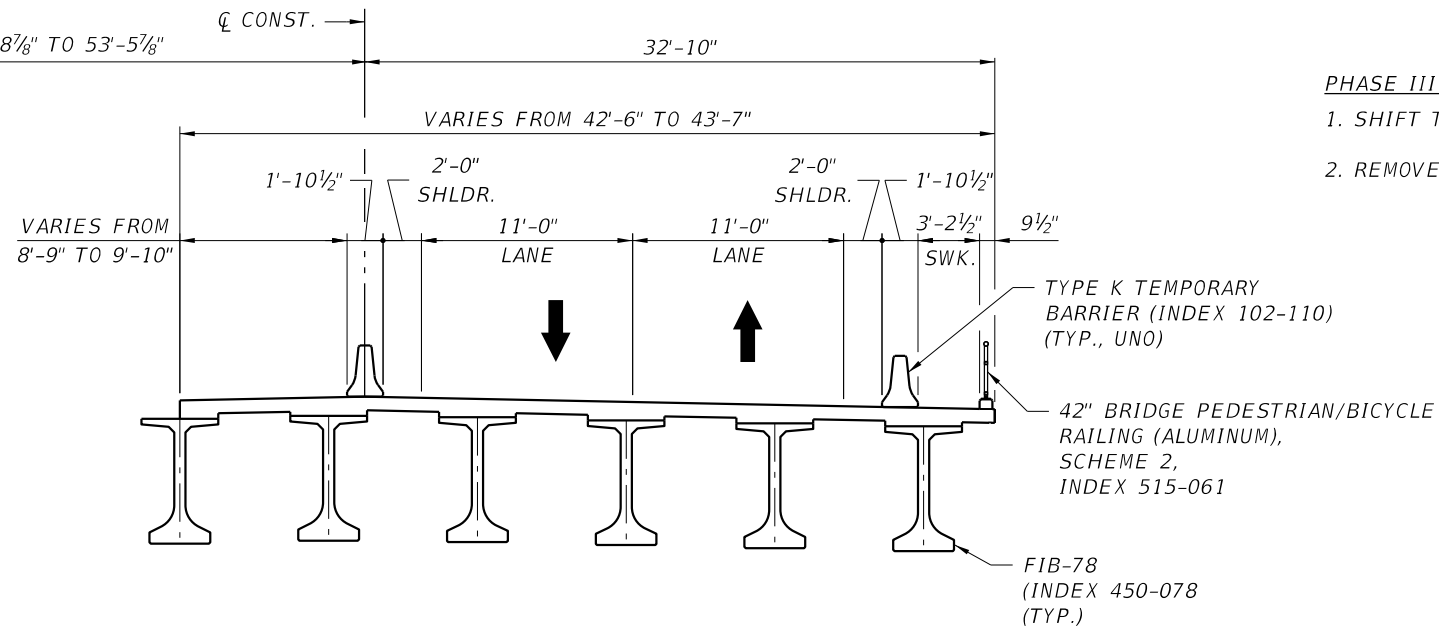
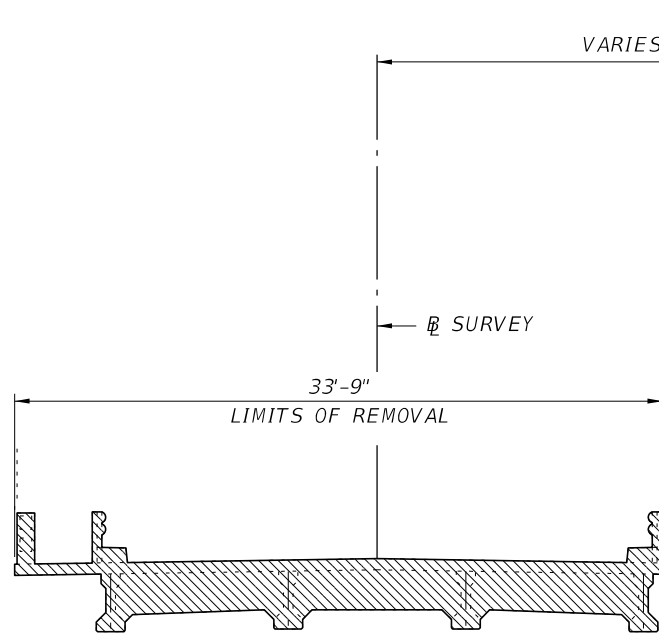
jhanna

5/27/2021

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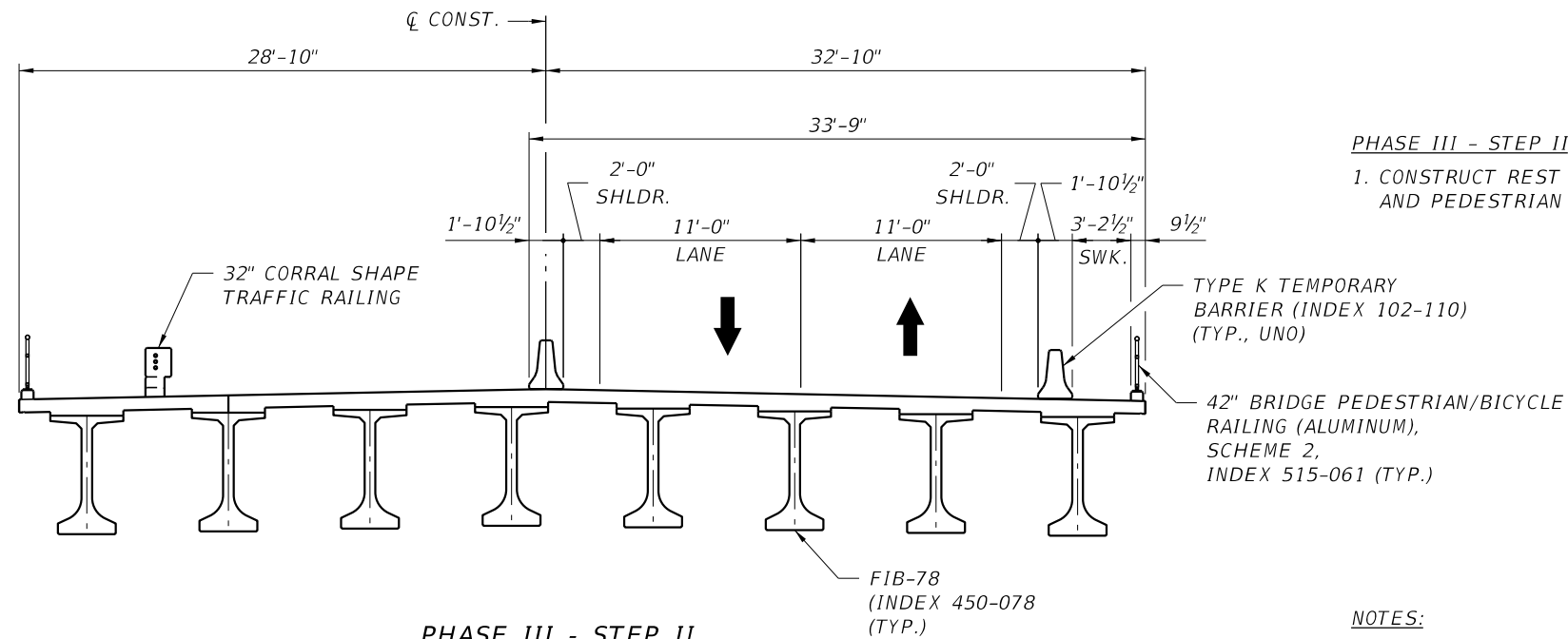
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PHASE III - STEP I

- PHASE III - STEP I**
1. SHIFT TRAFFIC LANES AS SHOWN.
 2. REMOVE REMAINDER OF EXISTING BRIDGE.



PHASE III - STEP II

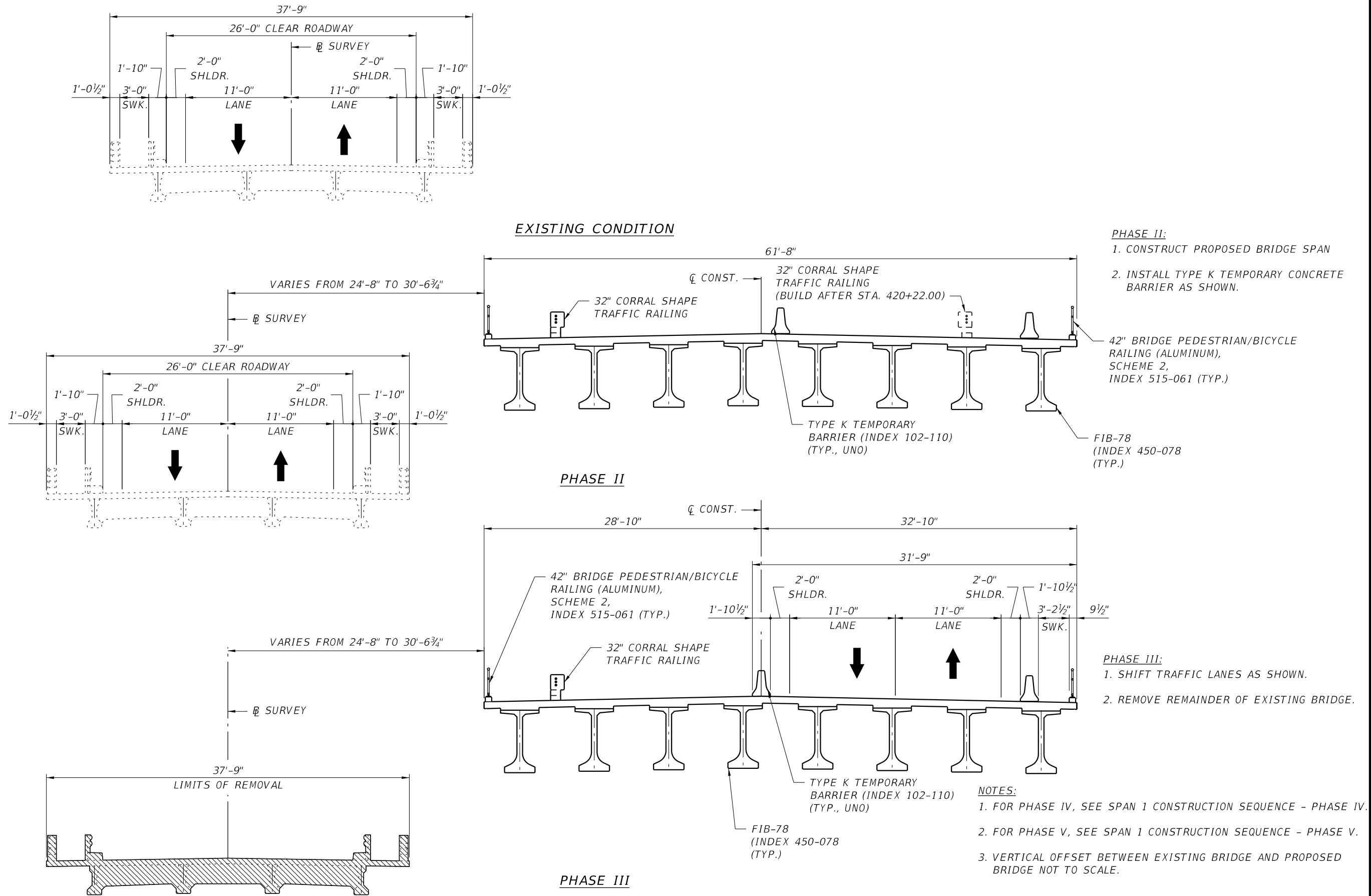
- PHASE III - STEP II**
1. CONSTRUCT REST OF PROPOSED DECK, BEAM, TRAFFIC RAILING AND PEDESTRIAN RAILING.

- NOTES:**
1. FOR PHASE IV, SEE SPAN 1 CONSTRUCTION SEQUENCE - PHASE IV.
 2. FOR PHASE V, SEE SPAN 1 CONSTRUCTION SEQUENCE - PHASE V.
 3. VERTICAL OFFSET BETWEEN EXISTING BRIDGE AND PROPOSED BRIDGE NOT TO SCALE.

BRIDGE NO. 124143

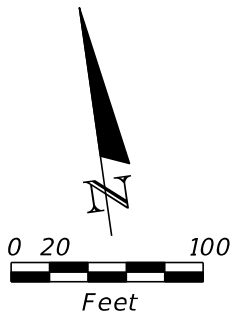
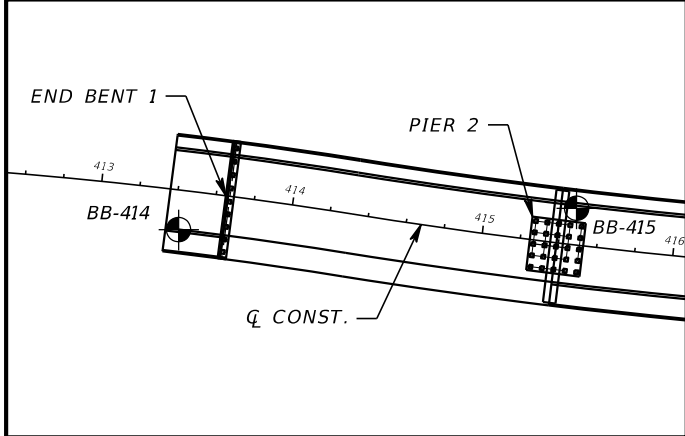
REVISIONS						DRAWN BY: CEL 06-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: CONSTRUCTION SEQUENCE (2 OF 2) SPAN 2	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						
						CHECKED BY: AJL 06-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-14
						DESIGNED BY: CEL 06-19	CR 865	LEE	CN160002		
						CHECKED BY: AJL 06-19					

Kisinger Campo & Associates Corp.
201 N. Franklin Street
Suite 400
Tampa, FL 33602
Alfredo Jose Layrisse, PE No. 75610



REVISIONS						DRAWN BY: CEL 06-19 CHECKED BY: AJL 06-19 DESIGNED BY: CEL 06-19 CHECKED BY: AJL 06-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: CONSTRUCTION SEQUENCE SPAN 3 THRU 14	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						
							ROAD NO. CR 865	COUNTY LEE	COUNTY PROJECT No CN160002	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-15

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

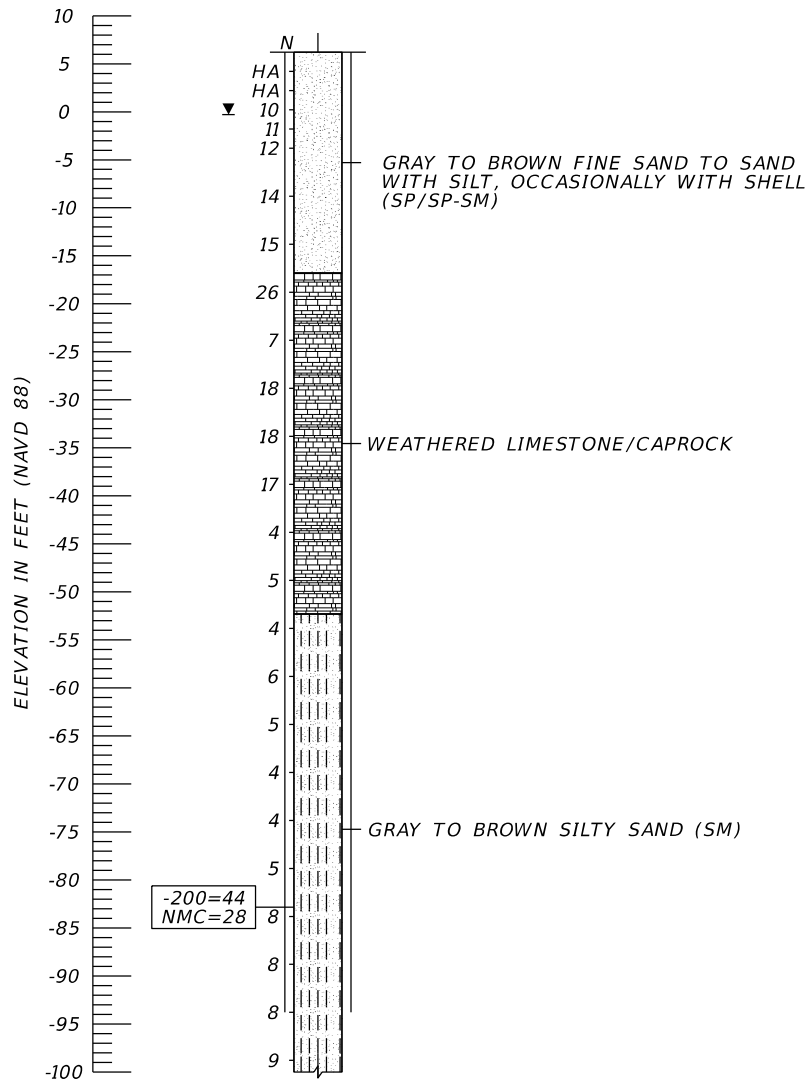


RECOMMENDED ENVIRONMENTAL CLASSIFICATION:
SUBSTRUCTURE CONCRETE: EXTREMELY AGGRESSIVE
SUBSTRUCTURE STEEL: EXTREMELY AGGRESSIVE
SUPERSTRUCTURE EXTREMELY AGGRESSIVE

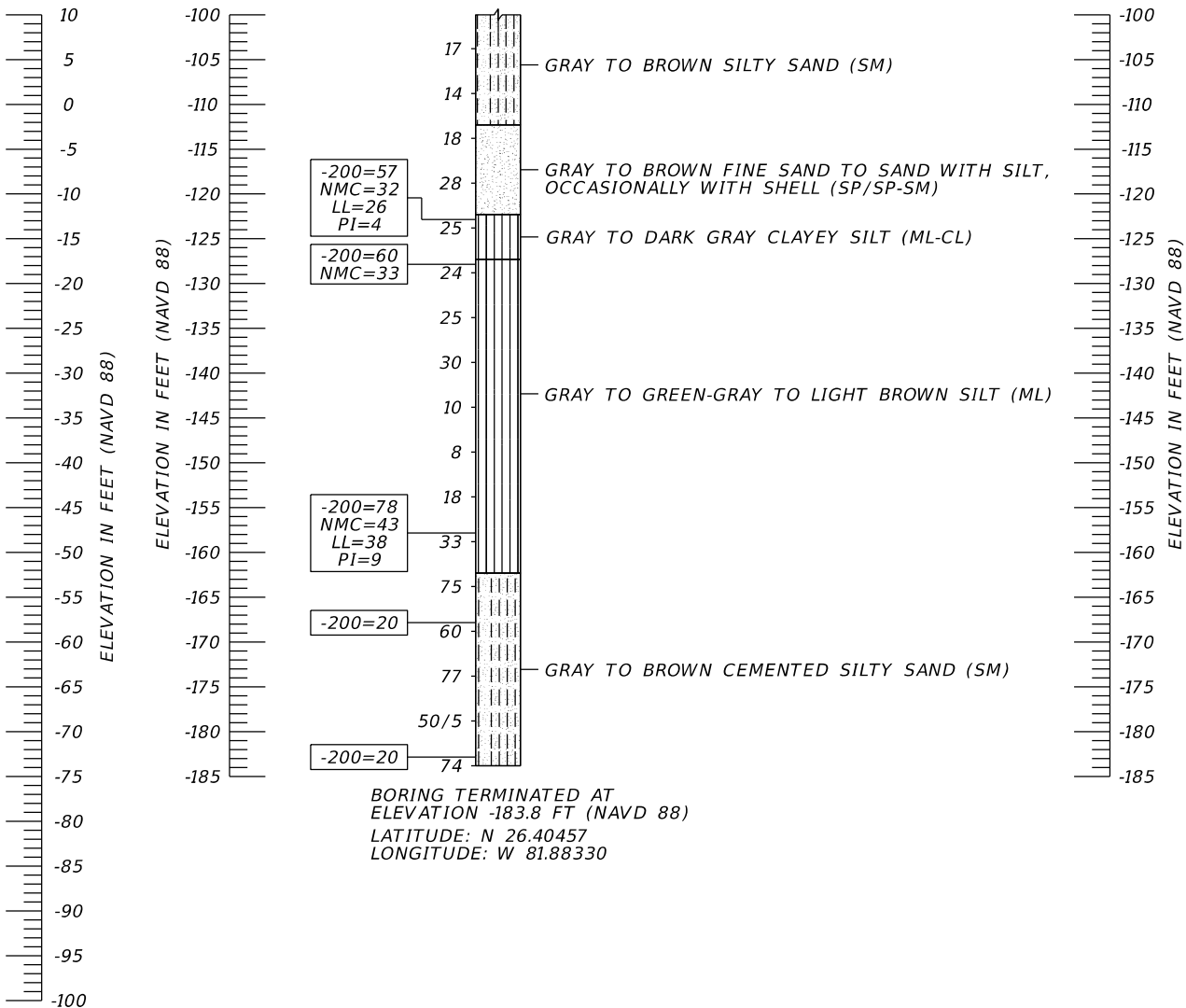
NOTE: BORING LOCATIONS AND ELEVATIONS DENOTED WITH AN ASTERISK "*" WERE PROVIDED BY THE PROJECT SURVEYOR. BORING LOCATIONS AND ELEVATIONS NOT DENOTED WITH AN ASTERISK "*" WERE DETERMINED USING PROJECT DESIGN FILES PROVIDED BY KISINGER CAMPO AND ASSOCIATES, CORP. IN CONJUNCTION WITH GPS COORDINATES OBTAINED BY TIERRA, INC. IN THE FIELD AND SHOULD BE CONSIDERED APPROXIMATE.

BORING LOCATION PLAN

BOR # BB-414
STA. 413+40
REF. Q CONST.
OFF. 21' RT.
ELEV. 6.2
DATE 7/21/2019
DRILLER I. POORAN
HAMMER AUTOMATIC
RIG D-25



BB-414 (CONTINUED)



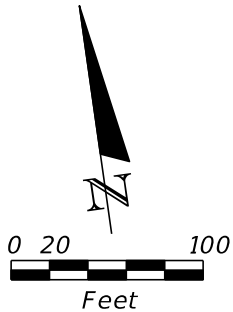
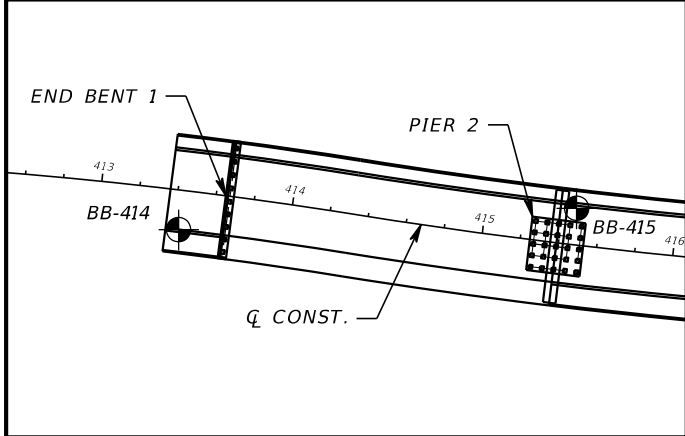
LEGEND

- GRAY TO BROWN FINE SAND TO SAND WITH SILT, OCCASIONALLY WITH SHELL (SP/SP-SM)
- GRAY TO BROWN SILTY SAND, OCCASIONALLY CEMENTED (SM)
- WEATHERED LIMESTONE/CAPROCK
- GRAY TO GREEN-GRAY TO LIGHT BROWN SILT TO CLAYEY-SILT (ML/MH/ML-CL)
- GRAY TO BROWN SHELLY SAND (SP/SP-SM)
- GRAY TO DARK GRAY INDURATED CLAY (CL/CH)
- GRAY TO DARK GRAY CLAY (CL/CH)
- DARK BROWN ORGANIC SILTY SAND TO PEAT (Pt)
- GRAY TO LIGHT BROWN CLAYEY-SILTY SAND TO CLAYEY SAND (SM-SC/SC)
- W WATER LEVEL AT TIME OF FIELD ACTIVITIES
- SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- 50/4 NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- WH SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD AND HAMMER
- WR SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- NP NON-PLASTIC
- NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988
- APPROXIMATE SPT BORING LOCATION
- GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- 700 LOSS OF CIRCULATION OF DRILLING FLUID (%)
- CASING
- Q CONST. CENTERLINE CONSTRUCTION OF ESTERO BLVD. (CR 865)

	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS- RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

BRIDGE NO. 124143

REVISIONS						ERICK M. FREDERICK, P.E. P.E. LICENSE NUMBER 63920 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	DRAWN BY: BJS CHECKED BY: TM DESIGNED BY: BJS CHECKED BY: EMF	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: REPORT OF CORE BORINGS (1)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN16002	PROJECT NAME: CR 865 (ESTERO BOULEVARD) OVER BIG CARLOS PASS	SHEET NO. B1-16



RECOMMENDED ENVIRONMENTAL CLASSIFICATION:

SUBSTRUCTURE CONCRETE: EXTREMELY AGGRESSIVE
SUBSTRUCTURE STEEL: EXTREMELY AGGRESSIVE
SUPERSTRUCTURE EXTREMELY AGGRESSIVE

NOTE: BORING LOCATIONS AND ELEVATIONS DENOTED WITH AN ASTERISK "*" WERE PROVIDED BY THE PROJECT SURVEYOR. BORING LOCATIONS AND ELEVATIONS NOT DENOTED WITH AN ASTERISK "*" WERE DETERMINED USING PROJECT DESIGN FILES PROVIDED BY KISINGER CAMPO AND ASSOCIATES, CORP. IN CONJUNCTION WITH GPS COORDINATES OBTAINED BY TIERRA, INC. IN THE FIELD AND SHOULD BE CONSIDERED APPROXIMATE.

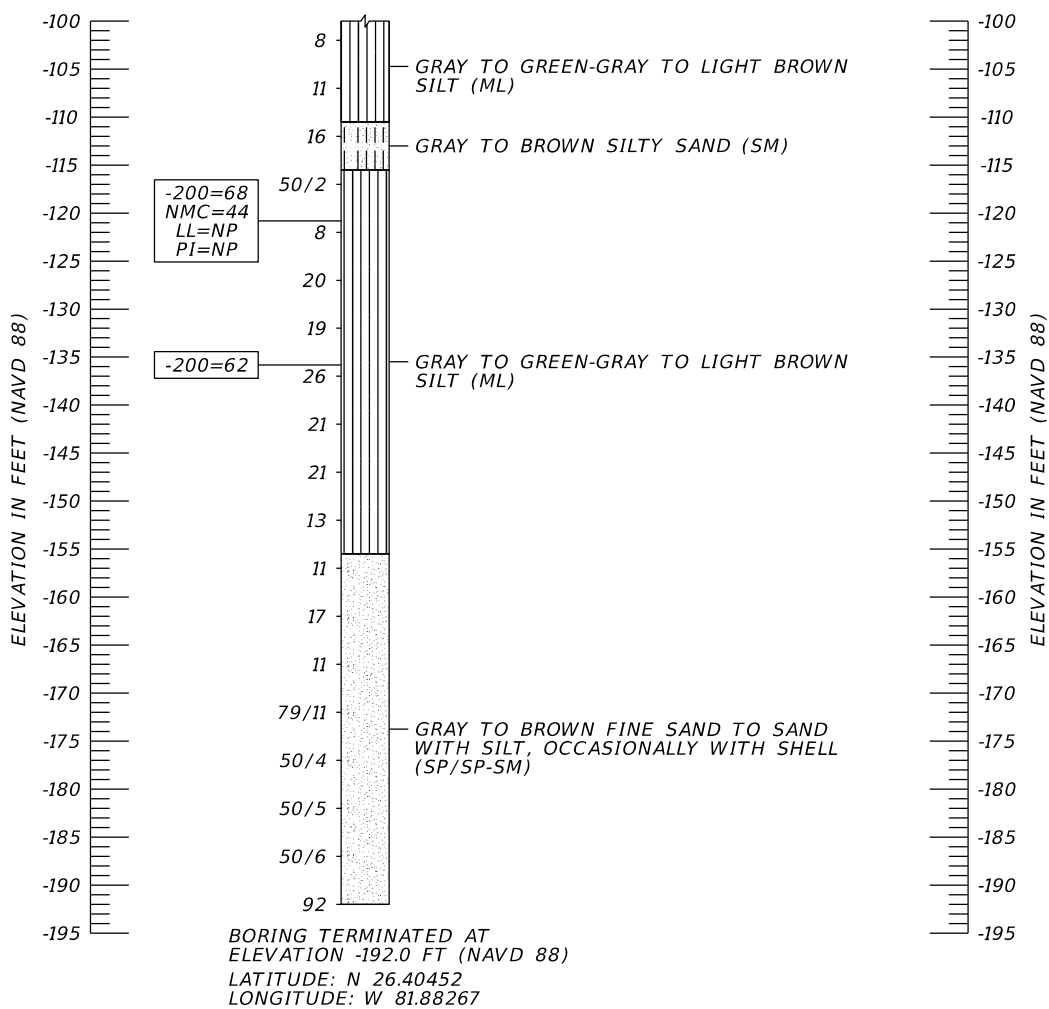
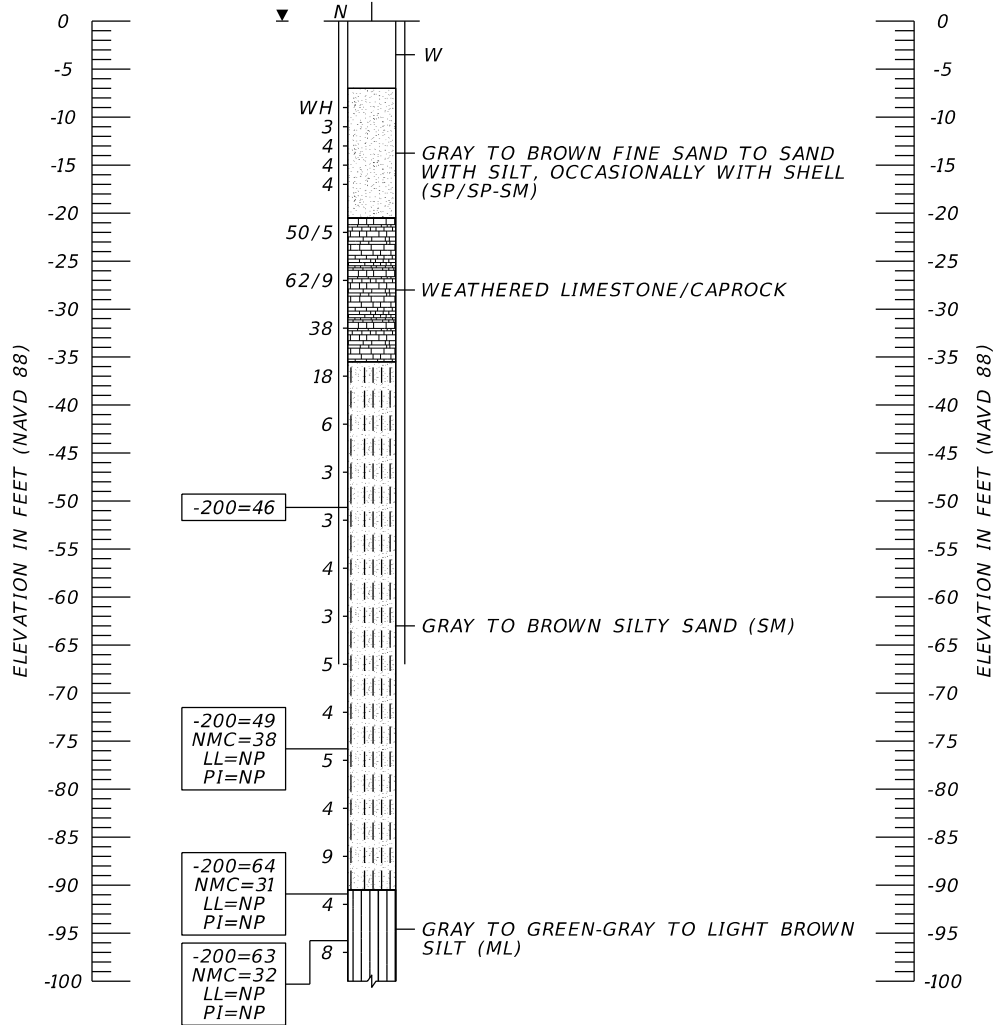
LEGEND

- GRAY TO BROWN FINE SAND TO SAND WITH SILT, OCCASIONALLY WITH SHELL (SP/SP-SM)
- GRAY TO BROWN SILTY SAND, OCCASIONALLY CEMENTED (SM)
- WEATHERED LIMESTONE/CAPROCK
- GRAY TO GREEN-GRAY TO LIGHT BROWN SILT TO CLAYEY-SILT (ML/MH/ML-CL)
- GRAY TO BROWN SHELLY SAND (SP/SP-SM)
- GRAY TO DARK GRAY INDURATED CLAY (CL/CH)
- GRAY TO DARK GRAY CLAY (CL/CH)
- DARK BROWN ORGANIC SILTY SAND TO PEAT (Pt)
- GRAY TO LIGHT BROWN CLAYEY-SILTY SAND TO CLAYEY SAND (SM-SC/SC)
- W WATER LEVEL AT TIME OF FIELD ACTIVITIES
- SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- 50/4 NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- WH SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD AND HAMMER
- WR SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- NP NON-PLASTIC
- NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988
- APPROXIMATE SPT BORING LOCATION
- GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- LOSS OF CIRCULATION OF DRILLING FLUID (%)
- CASING
- Q CONST. CENTERLINE CONSTRUCTION OF ESTERO BLVD. (CR 865)

BORING LOCATION PLAN

BOR # BB-415
STA. 415+47
REF. Q CONST.
OFF. 19' LT.
ELEV. -7.0 (MUDLINE)
DATE 6/1/2020
DRILLER D. MCKENZIE
HAMMER AUTOMATIC
RIG CME 55

BB-415 CONTINUED



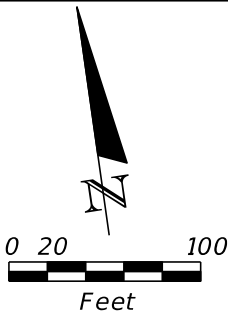
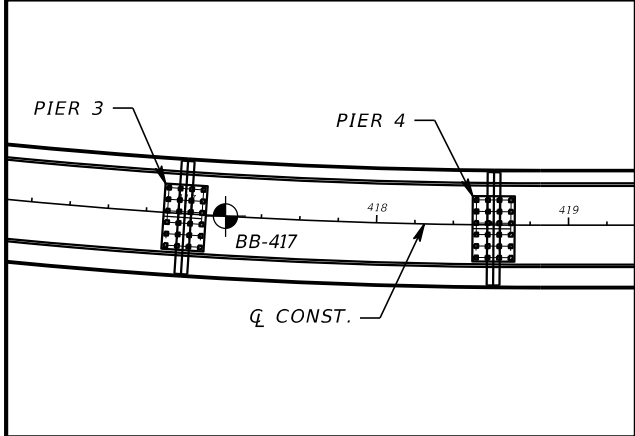
BORING TERMINATED AT ELEVATION -192.0 FT (NAVD 88)
LATITUDE: N 26.40452
LONGITUDE: W 81.88267

	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS- RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

BRIDGE NO. 124143

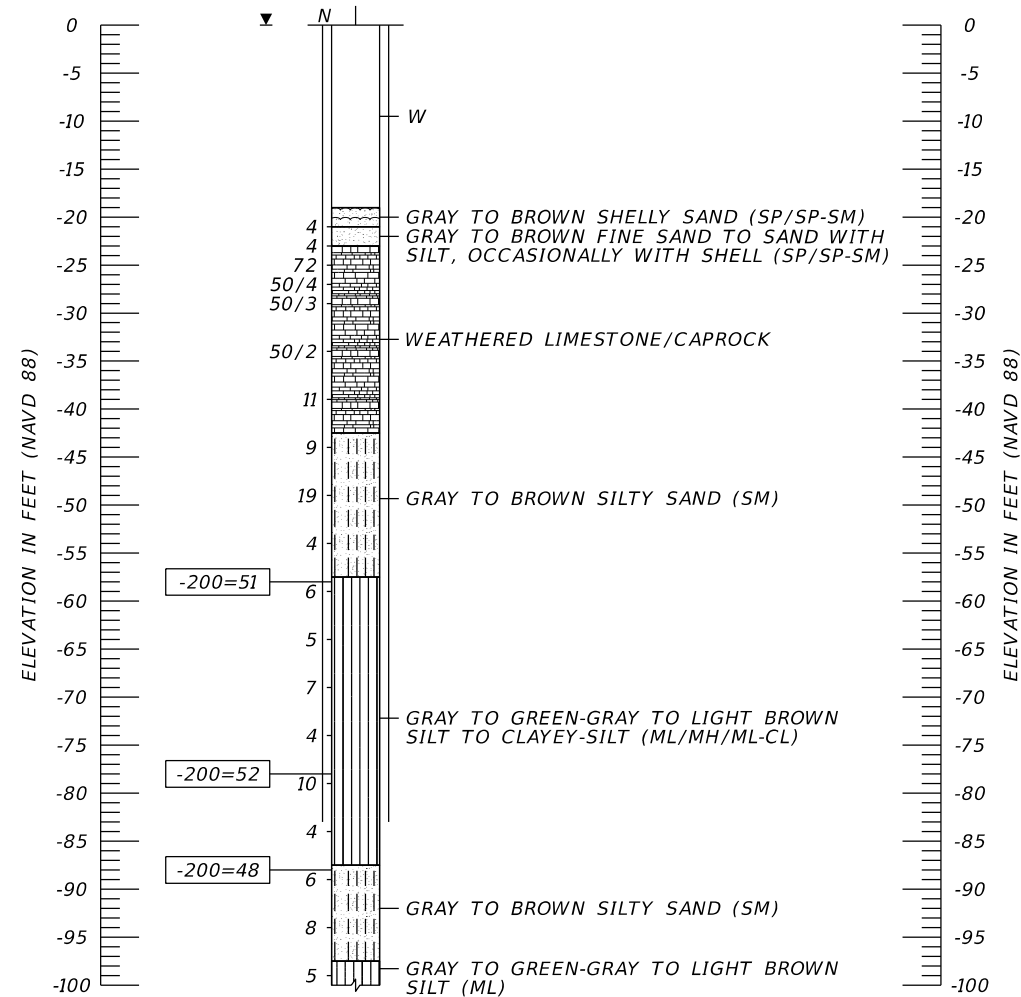
REVISIONS						DRAWN BY: BJS	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: REPORT OF CORE BORINGS (2)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						
						CHECKED BY: TM	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.
						DESIGNED BY: BJS	CR 865	LEE	CN16002	CR 865 (ESTERO BOULEVARD) OVER BIG CARLOS PASS	B1-17
						CHECKED BY: EMF					

ERICK M. FREDERICK, P.E.
P.E. LICENSE NUMBER 63920
TIERRA, INC.
7351 TEMPLE TERRACE HIGHWAY
TAMPA, FLORIDA 33637

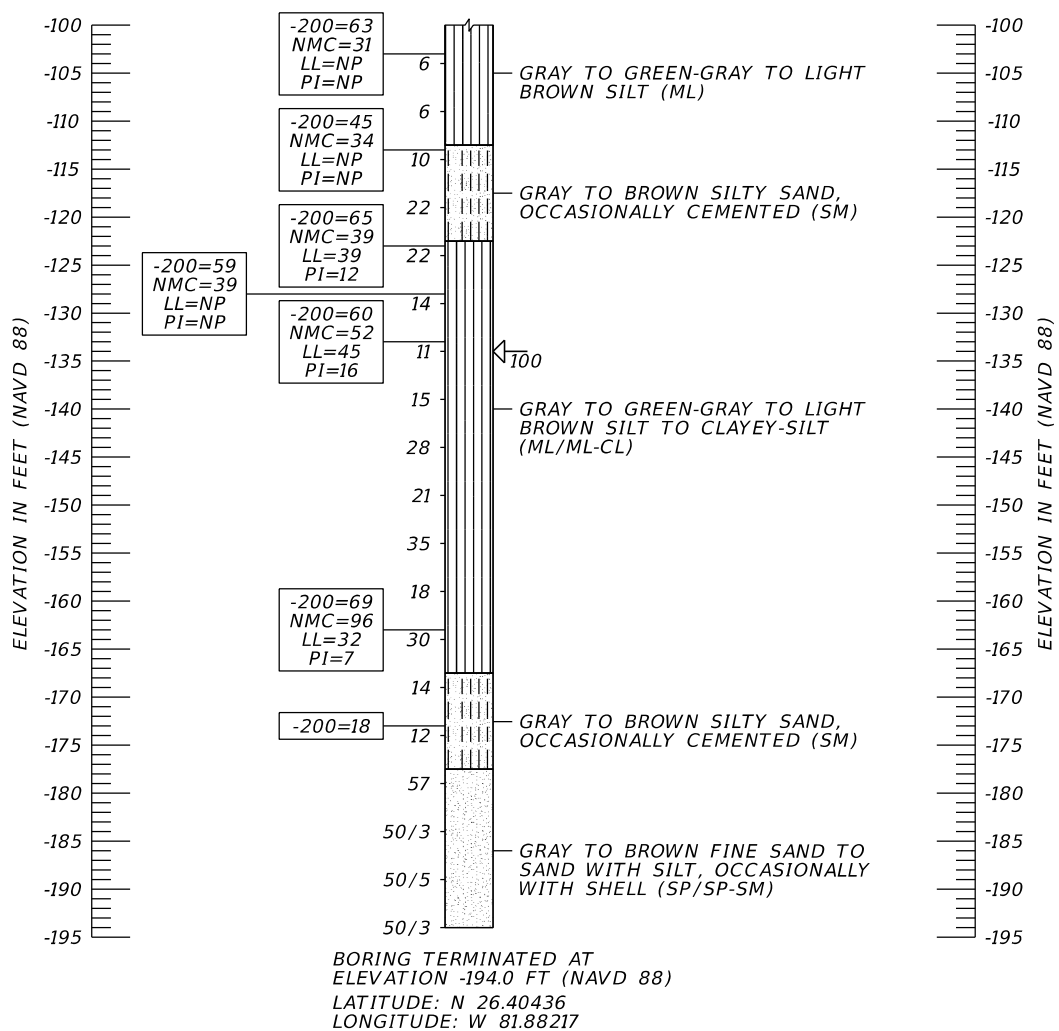


BORING LOCATION PLAN

BOR # BB-417
STA. 417+21
REF. Q CONST.
OFF. CENTERLINE
ELEV. -19.0 (MUDLINE)
DATE 6/10/2020
DRILLER D. MCKENZIE
HAMMER AUTOMATIC
RIG CME 55



BB-417 CONTINUED



LEGEND

GRAY TO BROWN FINE SAND TO SAND WITH SILT, OCCASIONALLY WITH SHELL (SP/SP-SM)

GRAY TO BROWN SILTY SAND, OCCASIONALLY CEMENTED (SM)

WEATHERED LIMESTONE/CAPROCK

GRAY TO GREEN-GRAY TO LIGHT BROWN SILT TO CLAYEY-SILT (ML/MH/ML-CL)

GRAY TO BROWN SHELLY SAND (SP/SP-SM)

GRAY TO DARK GRAY INDURATED CLAY (CL/CH)

GRAY TO DARK GRAY CLAY (CL/CH)

DARK BROWN ORGANIC SILTY SAND TO PEAT (Pt)

GRAY TO LIGHT BROWN CLAYEY-SILTY SAND TO CLAYEY SAND (SM-SC/SC)

W WATER LEVEL AT TIME OF FIELD ACTIVITIES

SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.

N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).

50/4 NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION

HA HAND AUGERED TO VERIFY UTILITY CLEARANCE

WH SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD AND HAMMER

WR SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD

-200 PERCENT PASSING #200 SIEVE

NMC NATURAL MOISTURE CONTENT (%)

LL LIQUID LIMIT (%)

PI PLASTICITY INDEX (%)

NP NON-PLASTIC

NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988

APPROXIMATE SPT BORING LOCATION

GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS

LOSS OF CIRCULATION OF DRILLING FLUID (%)

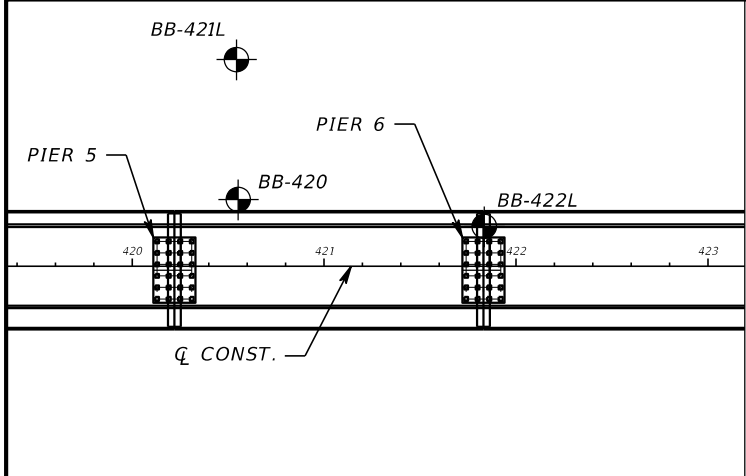
CASING

Q CONST. CENTERLINE CONSTRUCTION OF ESTERO BLVD. (CR 865)

	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

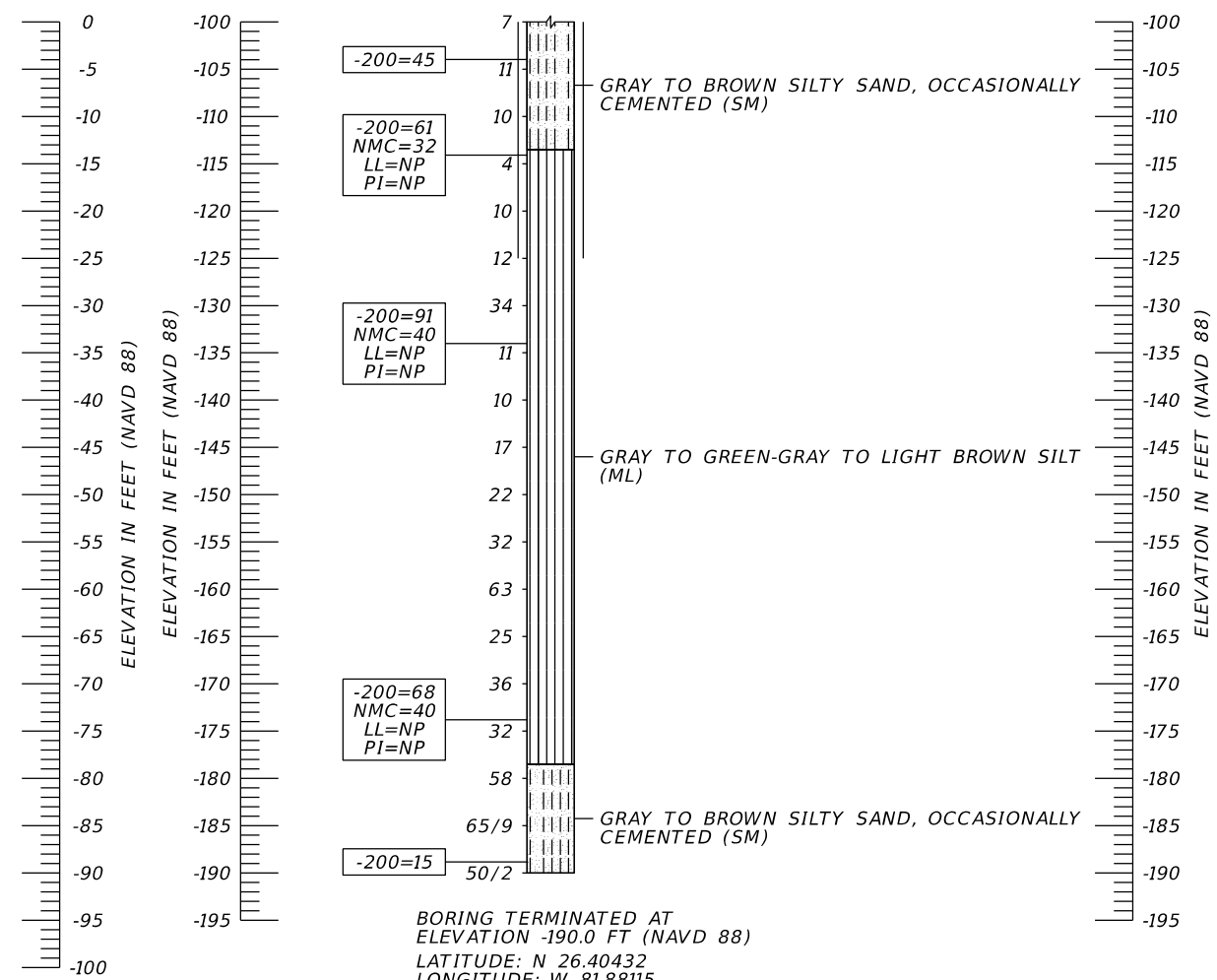
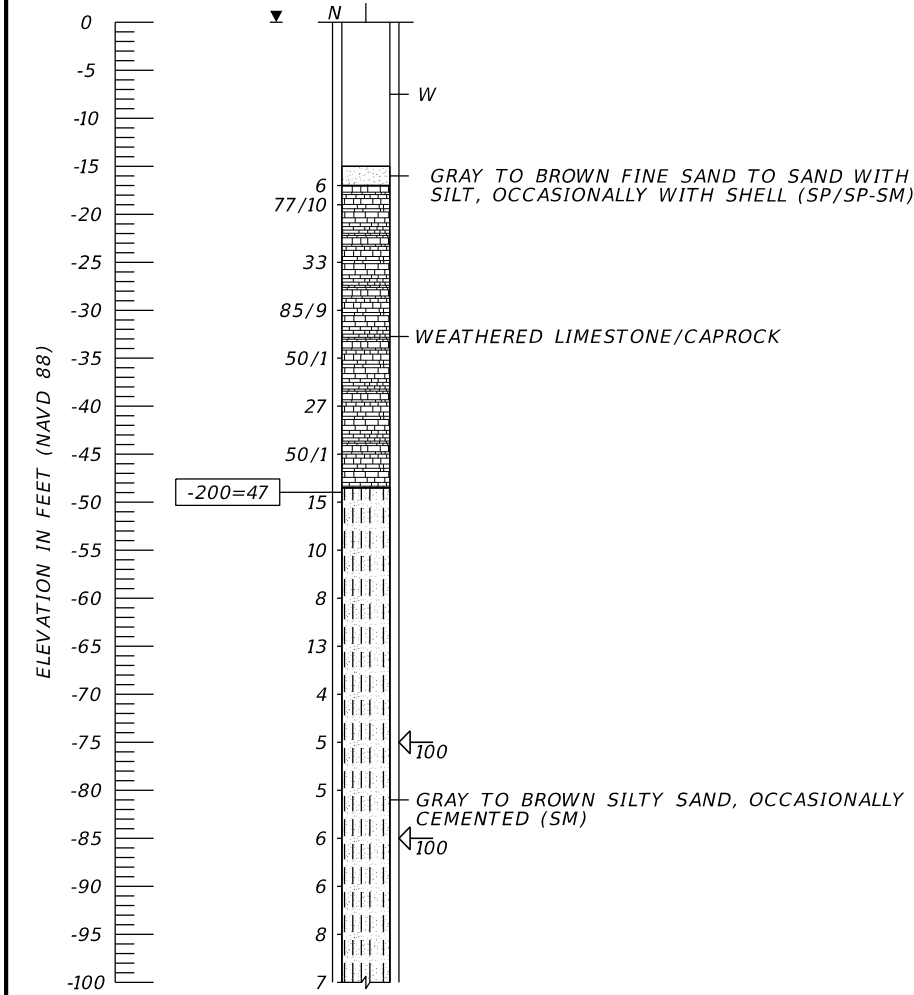
BRIDGE NO. 124143

REVISIONS						ERICK M. FREDERICK, P.E. P.E. LICENSE NUMBER 63920 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	DRAWN BY: BJS	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: REPORT OF CORE BORINGS (3)		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION <td>CHECKED BY: TM</td> <td rowspan="3">ROAD NO. CR 865</td> <td rowspan="3">COUNTY LEE</td> <td rowspan="3">COUNTY PROJECT No CN16002</td> <td rowspan="3">PROJECT NAME: CR 865 (ESTERO BOULEVARD) OVER BIG CARLOS PASS</td> <td></td>		CHECKED BY: TM						ROAD NO. CR 865
							DESIGNED BY: BJS	SHEET NO.					
							CHECKED BY: EMF	B1-18					



BORING LOCATION PLAN

BOR # BB-420
STA. 420+55
REF. CL CONST.
OFF. 35' LT.
ELEV. -15.0 (MUDLINE)
DATE 5/28/2020
DRILLER D. MCKENZIE
HAMMER AUTOMATIC
RIG CME 55



BORING TERMINATED AT
ELEVATION -190.0 FT (NAVD 88)
LATITUDE: N 26.40432
LONGITUDE: W 81.88115

RECOMMENDED ENVIRONMENTAL CLASSIFICATION:
SUBSTRUCTURE CONCRETE: EXTREMELY AGGRESSIVE
SUBSTRUCTURE STEEL: EXTREMELY AGGRESSIVE
SUPERSTRUCTURE EXTREMELY AGGRESSIVE

NOTE: BORING LOCATIONS AND ELEVATIONS DENOTED WITH AN ASTERISK "*" WERE PROVIDED BY THE PROJECT SURVEYOR. BORING LOCATIONS AND ELEVATIONS NOT DENOTED WITH AN ASTERISK "*" WERE DETERMINED USING PROJECT DESIGN FILES PROVIDED BY KISINGER CAMPO AND ASSOCIATES, CORP. IN CONJUNCTION WITH GPS COORDINATES OBTAINED BY TIERRA, INC. IN THE FIELD AND SHOULD BE CONSIDERED APPROXIMATE.

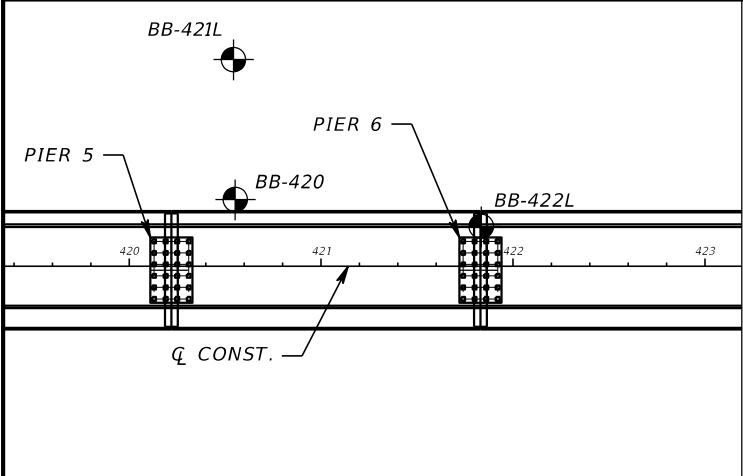
LEGEND

- GRAY TO BROWN FINE SAND TO SAND WITH SILT, OCCASIONALLY WITH SHELL (SP/SP-SM)
- GRAY TO BROWN SILTY SAND, OCCASIONALLY CEMENTED (SM)
- WEATHERED LIMESTONE/CAPROCK
- GRAY TO GREEN-GRAY TO LIGHT BROWN SILT TO CLAYEY-SILT (ML/MH/ML-CL)
- GRAY TO BROWN SHELLY SAND (SP/SP-SM)
- GRAY TO DARK GRAY INDURATED CLAY (CL/CH)
- GRAY TO DARK GRAY CLAY (CL/CH)
- DARK BROWN ORGANIC SILTY SAND TO PEAT (Pt)
- GRAY TO LIGHT BROWN CLAYEY-SILTY SAND TO CLAYEY SAND (SM-SC/SC)
- W WATER LEVEL AT TIME OF FIELD ACTIVITIES
- SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- 50/4 NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- WH SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD AND HAMMER
- WR SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- NP NON-PLASTIC
- NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988
- APPROXIMATE SPT BORING LOCATION
- GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- 700 LOSS OF CIRCULATION OF DRILLING FLUID (%)
- CASING
- CL CONST. CENTERLINE CONSTRUCTION OF ESTERO BLVD. (CR 865)

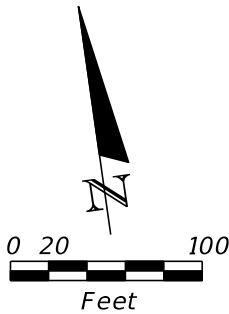
	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS- RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

BRIDGE NO. 124143

REVISIONS						ERICK M. FREDERICK, P.E. P.E. LICENSE NUMBER 63920 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	DRAWN BY: BJS CHECKED BY: TM DESIGNED BY: BJS CHECKED BY: EMF	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: REPORT OF CORE BORINGS (4)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN16002	PROJECT NAME: CR 865 (ESTERO BOULEVARD) OVER BIG CARLOS PASS	SHEET NO. B1-19



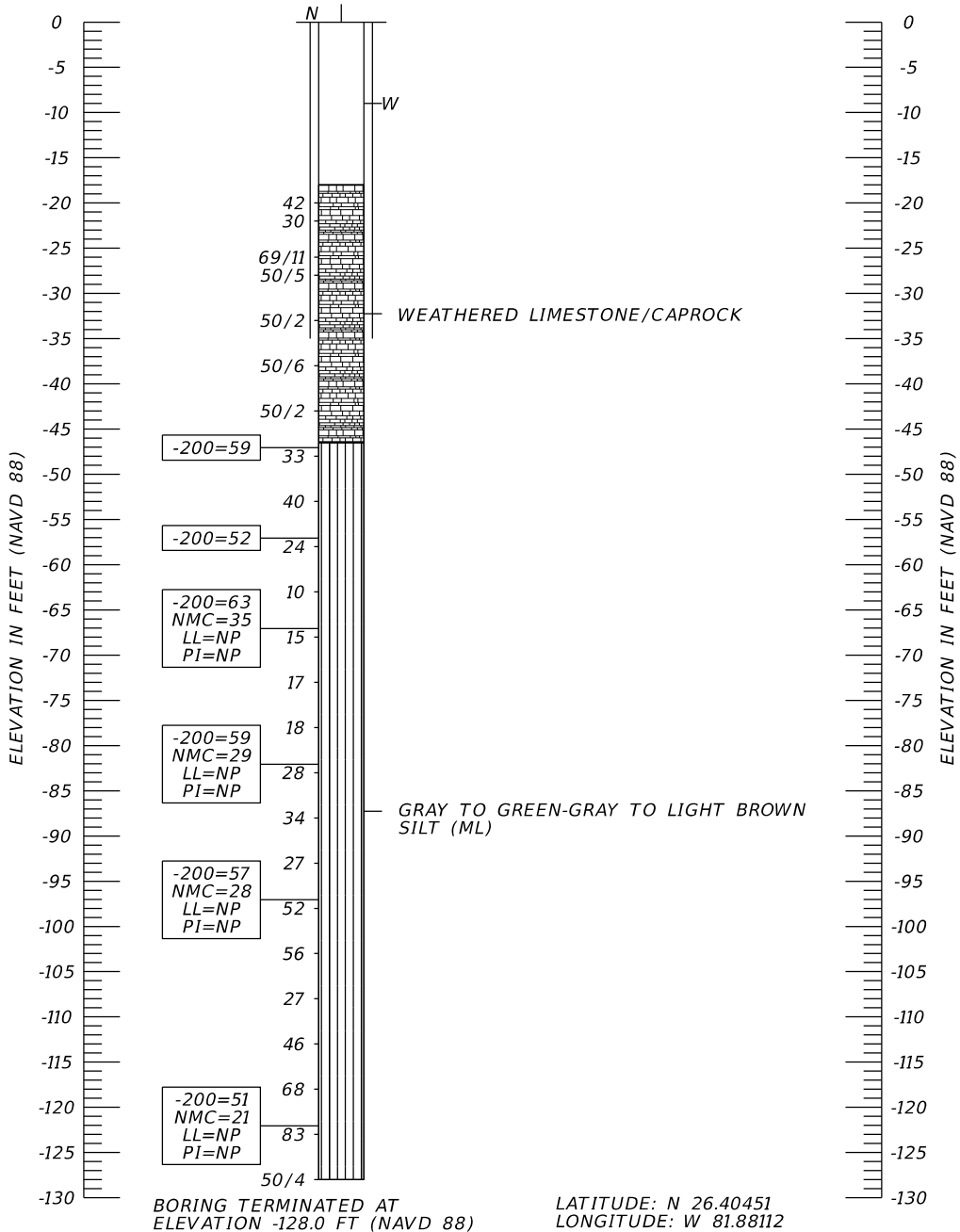
BORING LOCATION PLAN



RECOMMENDED ENVIRONMENTAL CLASSIFICATION:
SUBSTRUCTURE CONCRETE: EXTREMELY AGGRESSIVE
SUBSTRUCTURE STEEL: EXTREMELY AGGRESSIVE
SUPERSTRUCTURE EXTREMELY AGGRESSIVE

NOTE: BORING LOCATIONS AND ELEVATIONS DENOTED WITH AN ASTERISK "*" WERE PROVIDED BY THE PROJECT SURVEYOR. BORING LOCATIONS AND ELEVATIONS NOT DENOTED WITH AN ASTERISK "*" WERE DETERMINED USING PROJECT DESIGN FILES PROVIDED BY KISINGER CAMPO AND ASSOCIATES, CORP. IN CONJUNCTION WITH GPS COORDINATES OBTAINED BY TIERRA, INC. IN THE FIELD AND SHOULD BE CONSIDERED APPROXIMATE.

BOR # BB-421L
STA. 420+54
REF. Q CONST.
OFF. 108' LT.
ELEV. -18.0 (MUDLINE)
DATE 12/2/2017
DRILLER J. ERICKSON
HAMMER SAFETY
RIG D-25

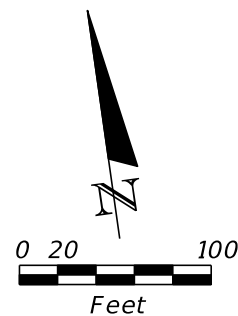


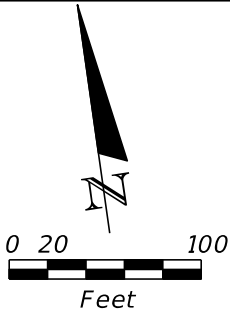
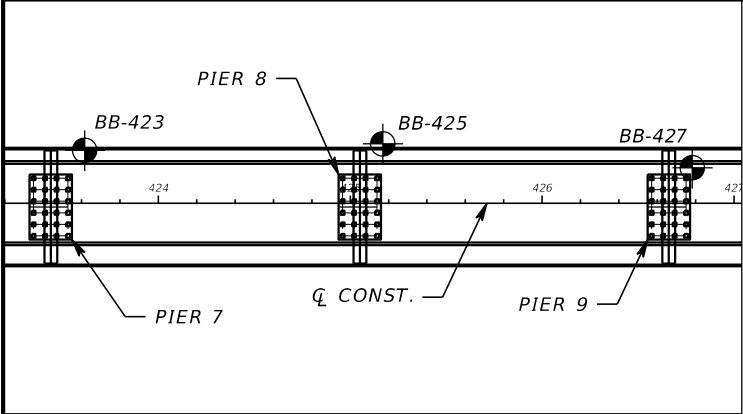
- LEGEND**
- GRAY TO BROWN FINE SAND TO SAND WITH SILT, OCCASIONALLY WITH SHELL (SP/SP-SM)
 - GRAY TO BROWN SILTY SAND, OCCASIONALLY CEMENTED (SM)
 - WEATHERED LIMESTONE/CAPROCK
 - GRAY TO GREEN-GRAY TO LIGHT BROWN SILT TO CLAYEY-SILT (ML/MH/ML-CL)
 - GRAY TO BROWN SHELLY SAND (SP/SP-SM)
 - GRAY TO DARK GRAY INDURATED CLAY (CL/CH)
 - GRAY TO DARK GRAY CLAY (CL/CH)
 - DARK BROWN ORGANIC SILTY SAND TO PEAT (Pt)
 - GRAY TO LIGHT BROWN CLAYEY-SILTY SAND TO CLAYEY SAND (SM-SC/SC)
 - W WATER LEVEL AT TIME OF FIELD ACTIVITIES
 - SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
 - N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
 - 50/4 NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
 - HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
 - WH SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD AND HAMMER
 - WR SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD
 - 200 PERCENT PASSING #200 SIEVE
 - NMC NATURAL MOISTURE CONTENT (%)
 - LL LIQUID LIMIT (%)
 - PI PLASTICITY INDEX (%)
 - NP NON-PLASTIC
 - NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988
 - APPROXIMATE SPT BORING LOCATION
 - GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
 - 700 LOSS OF CIRCULATION OF DRILLING FLUID (%)
 - CASING
 - Q CONST. CENTERLINE CONSTRUCTION OF ESTERO BLVD. (CR 865)

	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS- RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

BRIDGE NO. 124143

REVISIONS						ERICK M. FREDERICK, P.E. P.E. LICENSE NUMBER 63920 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	DRAWN BY: BJS CHECKED BY: TM DESIGNED BY: BJS CHECKED BY: EMF	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: REPORT OF CORE BORINGS (5)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN16002	PROJECT NAME: CR 865 (ESTERO BOULEVARD) OVER BIG CARLOS PASS	SHEET NO. B1-20





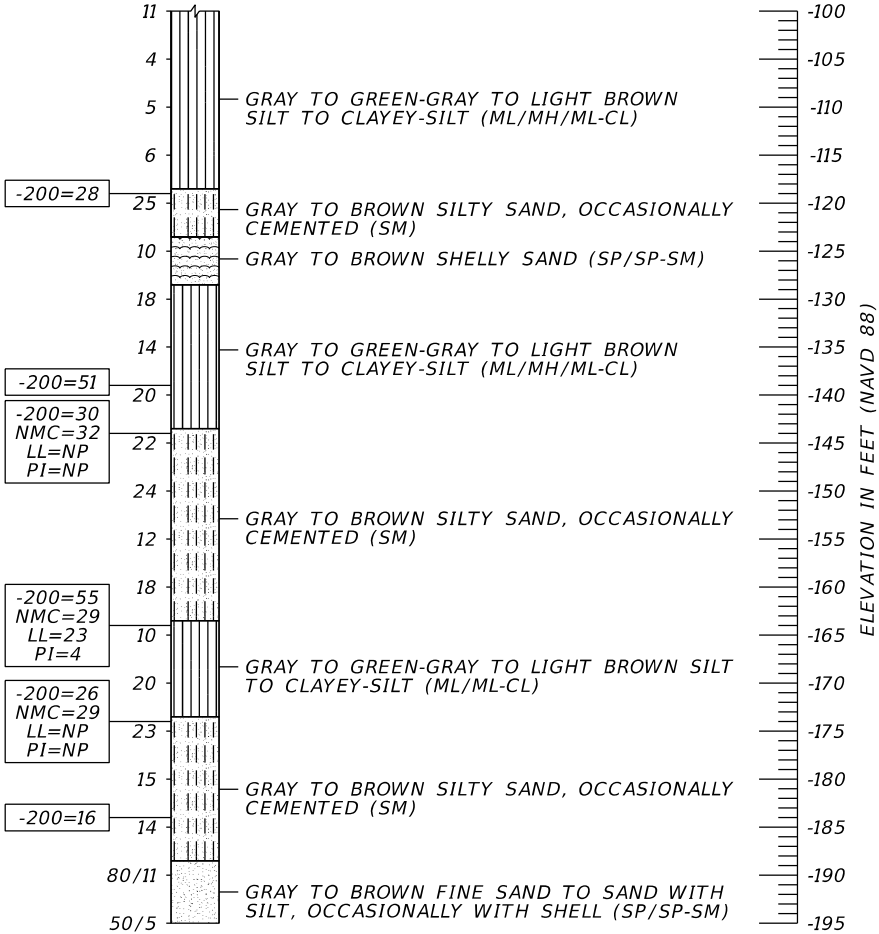
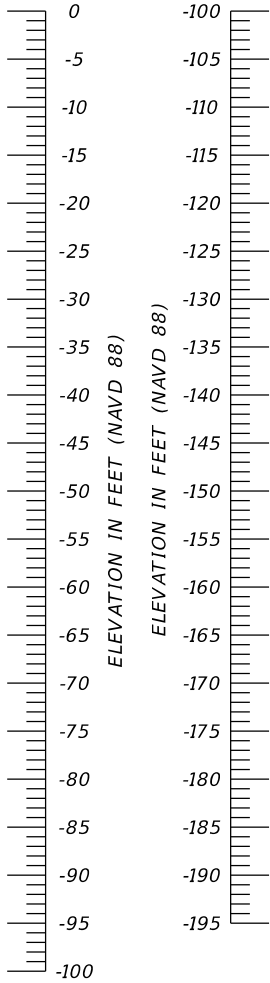
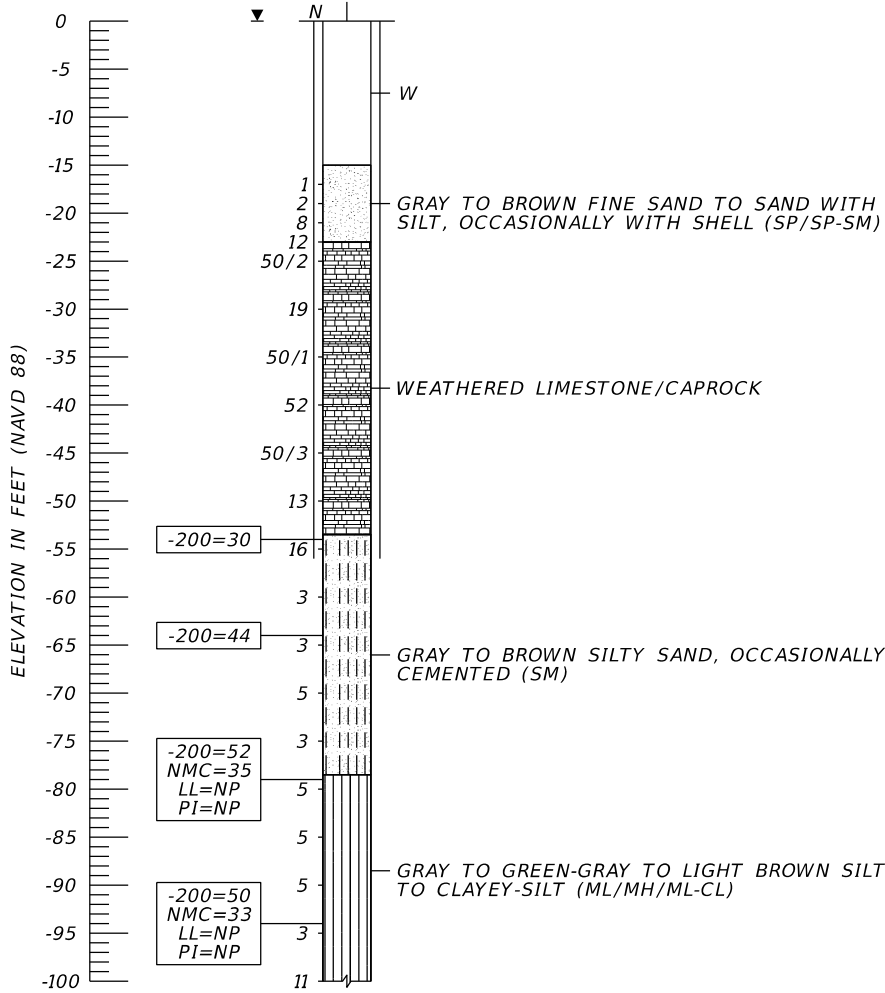
RECOMMENDED ENVIRONMENTAL CLASSIFICATION:
SUBSTRUCTURE CONCRETE: EXTREMELY AGGRESSIVE
STEEL: EXTREMELY AGGRESSIVE
SUPERSTRUCTURE EXTREMELY AGGRESSIVE

NOTE: BORING LOCATIONS AND ELEVATIONS DENOTED WITH AN ASTERISK "*" WERE PROVIDED BY THE PROJECT SURVEYOR. BORING LOCATIONS AND ELEVATIONS NOT DENOTED WITH AN ASTERISK "*" WERE DETERMINED USING PROJECT DESIGN FILES PROVIDED BY KISINGER CAMPO AND ASSOCIATES, CORP. IN CONJUNCTION WITH GPS COORDINATES OBTAINED BY TIERRA, INC. IN THE FIELD AND SHOULD BE CONSIDERED APPROXIMATE.

BORING LOCATION PLAN

BOR # BB-423
STA. 423+62
REF. Q CONST.
OFF. 28' LT.
ELEV. -15.0 (MUDLINE)
DATE 6/12/2020
DRILLER D. MCKENZIE
HAMMER AUTOMATIC
RIG CME 55

BB-423 CONTINUED



BORING TERMINATED AT
ELEVATION -195.0 FT (NAVD 88)
LATITUDE: N 26.40418
LONGITUDE: W 81.88022

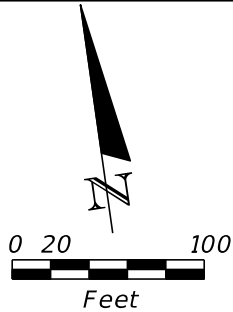
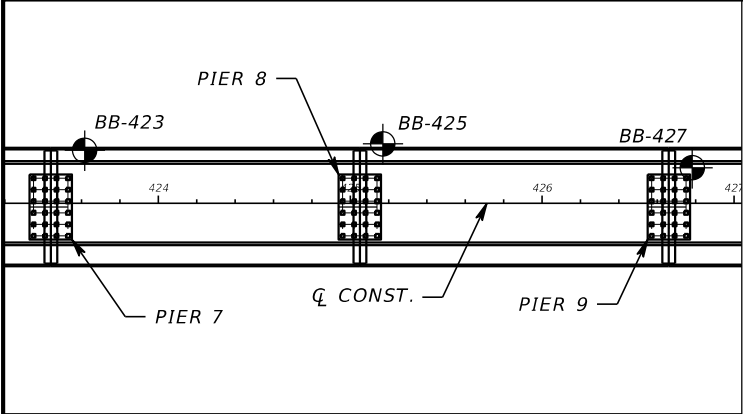
LEGEND

- GRAY TO BROWN FINE SAND TO SAND WITH SILT, OCCASIONALLY WITH SHELL (SP/SP-SM)
- GRAY TO BROWN SILTY SAND, OCCASIONALLY CEMENTED (SM)
- WEATHERED LIMESTONE/CAPROCK
- GRAY TO GREEN-GRAY TO LIGHT BROWN SILT TO CLAYEY-SILT (ML/MH/ML-CL)
- GRAY TO BROWN SHELLY SAND (SP/SP-SM)
- GRAY TO DARK GRAY INDURATED CLAY (CL/CH)
- GRAY TO DARK GRAY CLAY (CL/CH)
- DARK BROWN ORGANIC SILTY SAND TO PEAT (Pt)
- GRAY TO LIGHT BROWN CLAYEY-SILTY SAND TO CLAYEY SAND (SM-SC/SC)
- W WATER LEVEL AT TIME OF FIELD ACTIVITIES
- SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- 50/4 NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- WH SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD AND HAMMER
- WR SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- NP NON-PLASTIC
- NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988
- APPROXIMATE SPT BORING LOCATION
- GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- 700 LOSS OF CIRCULATION OF DRILLING FLUID (%)
- CASING
- Q CONST. CENTERLINE CONSTRUCTION OF ESTERO BLVD. (CR 865)

GRANULAR MATERIALS- RELATIVE DENSITY	SAFETY HAMMER	AUTOMATIC HAMMER
	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

BRIDGE NO. 124143

REVISIONS						ERICK M. FREDERICK, P.E. P.E. LICENSE NUMBER 63920 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	DRAWN BY: BJS CHECKED BY: TM DESIGNED BY: BJS CHECKED BY: EMF	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: REPORT OF CORE BORINGS (7)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN16002	PROJECT NAME: CR 865 (ESTERO BOULEVARD) OVER BIG CARLOS PASS	SHEET NO. B1-22



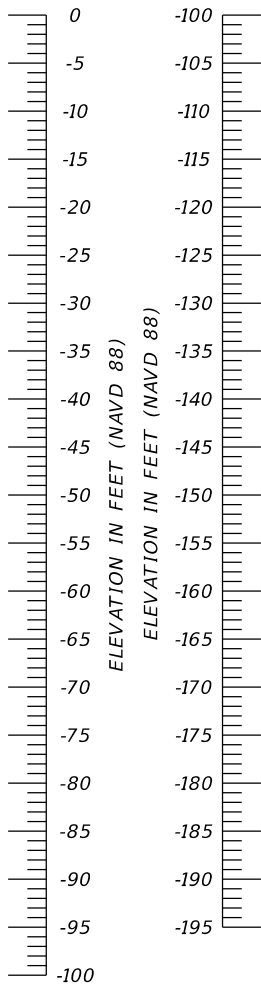
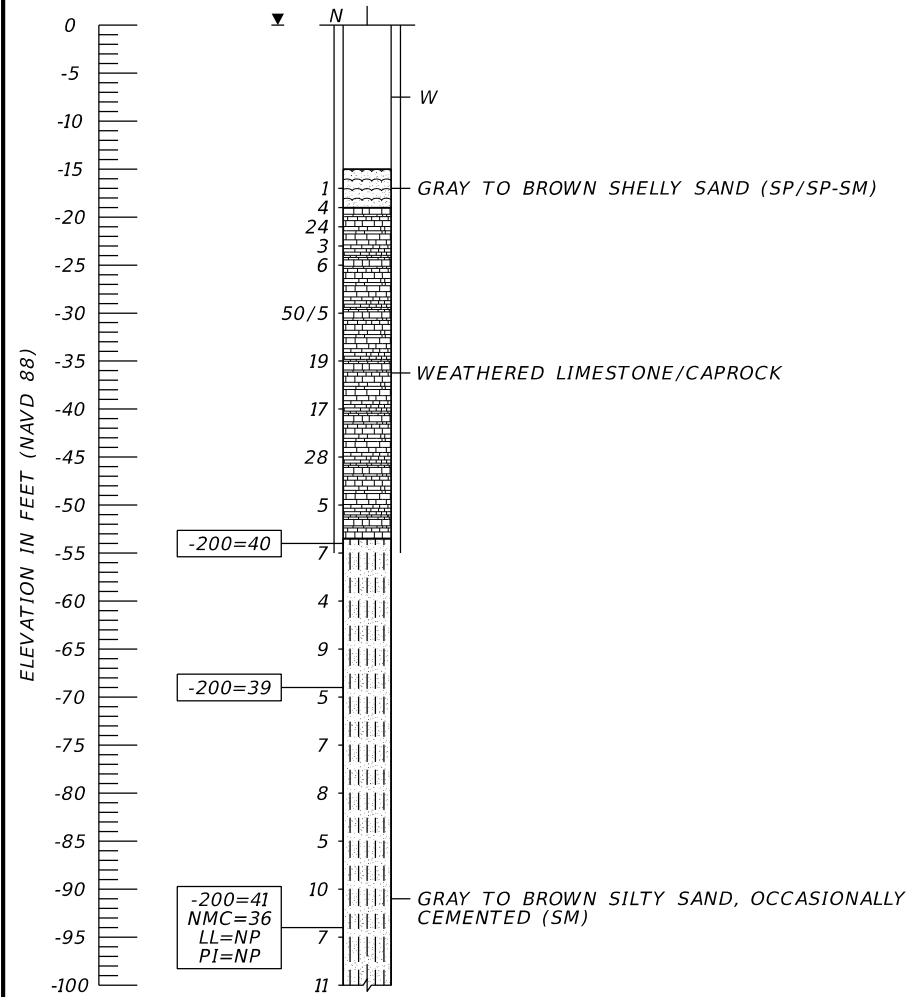
RECOMMENDED ENVIRONMENTAL CLASSIFICATION:

SUBSTRUCTURE CONCRETE: EXTREMELY AGGRESSIVE
SUBSTRUCTURE STEEL: EXTREMELY AGGRESSIVE
SUPERSTRUCTURE EXTREMELY AGGRESSIVE

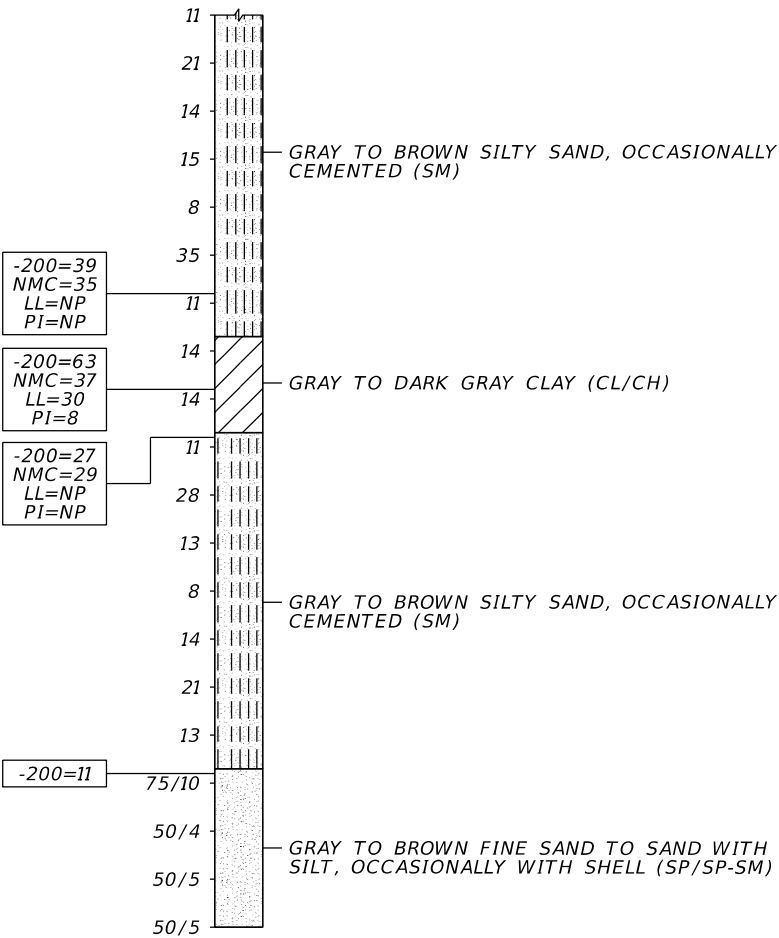
NOTE: BORING LOCATIONS AND ELEVATIONS DENOTED WITH AN ASTERISK "*" WERE PROVIDED BY THE PROJECT SURVEYOR. BORING LOCATIONS AND ELEVATIONS NOT DENOTED WITH AN ASTERISK "*" WERE DETERMINED USING PROJECT DESIGN FILES PROVIDED BY KISINGER CAMPO AND ASSOCIATES, CORP. IN CONJUNCTION WITH GPS COORDINATES OBTAINED BY TIERRA, INC. IN THE FIELD AND SHOULD BE CONSIDERED APPROXIMATE.

BORING LOCATION PLAN

BOR # BB-425
STA. 425+17
REF. Q CONST.
OFF. 31' LT.
ELEV. -15.0 (MUDLINE)
DATE 6/15/2020
DRILLER D. MCKENZIE
HAMMER AUTOMATIC
RIG CME 55



BB-425 CONTINUED



BORING TERMINATED AT
ELEVATION -195.0 FT (NAVD 88)
LATITUDE: N 26.40413
LONGITUDE: W 81.87975

LEGEND

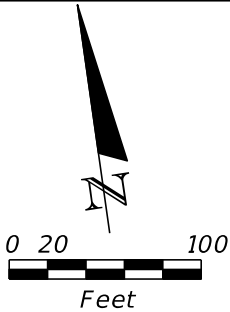
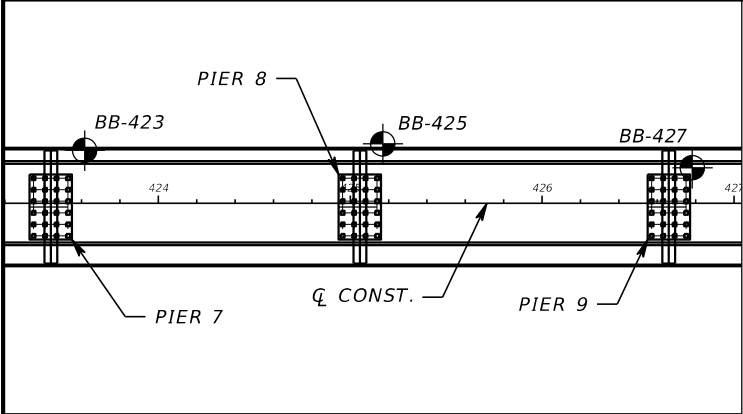
- GRAY TO BROWN FINE SAND TO SAND WITH SILT, OCCASIONALLY WITH SHELL (SP/SP-SM)
- GRAY TO BROWN SILTY SAND, OCCASIONALLY CEMENTED (SM)
- WEATHERED LIMESTONE/CAPROCK
- GRAY TO GREEN-GRAY TO LIGHT BROWN SILT TO CLAYEY-SILT (ML/MH/ML-CL)
- GRAY TO BROWN SHELLY SAND (SP/SP-SM)
- GRAY TO DARK GRAY INDURATED CLAY (CL/CH)
- GRAY TO DARK GRAY CLAY (CL/CH)
- DARK BROWN ORGANIC SILTY SAND TO PEAT (Pt)
- GRAY TO LIGHT BROWN CLAYEY-SILTY SAND TO CLAYEY SAND (SM-SC/SC)

- W WATER LEVEL AT TIME OF FIELD ACTIVITIES
- SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- 50/4 NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- WH SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD AND HAMMER
- WR SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- NP NON-PLASTIC
- NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988
- APPROXIMATE SPT BORING LOCATION
- GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- 700 LOSS OF CIRCULATION OF DRILLING FLUID (%)
- CASING

Q CONST. CENTERLINE CONSTRUCTION OF ESTERO BLVD. (CR 865)	SAFETY HAMMER	AUTOMATIC HAMMER
	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
GRANULAR MATERIALS-RELATIVE DENSITY		
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

BRIDGE NO. 124143

REVISIONS						ERICK M. FREDERICK, P.E. P.E. LICENSE NUMBER 63920 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	DRAWN BY: BJS CHECKED BY: TM DESIGNED BY: BJS CHECKED BY: EMF	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: REPORT OF CORE BORINGS (8)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN16002	PROJECT NAME: CR 865 (ESTERO BOULEVARD) OVER BIG CARLOS PASS	SHEET NO. B1-23

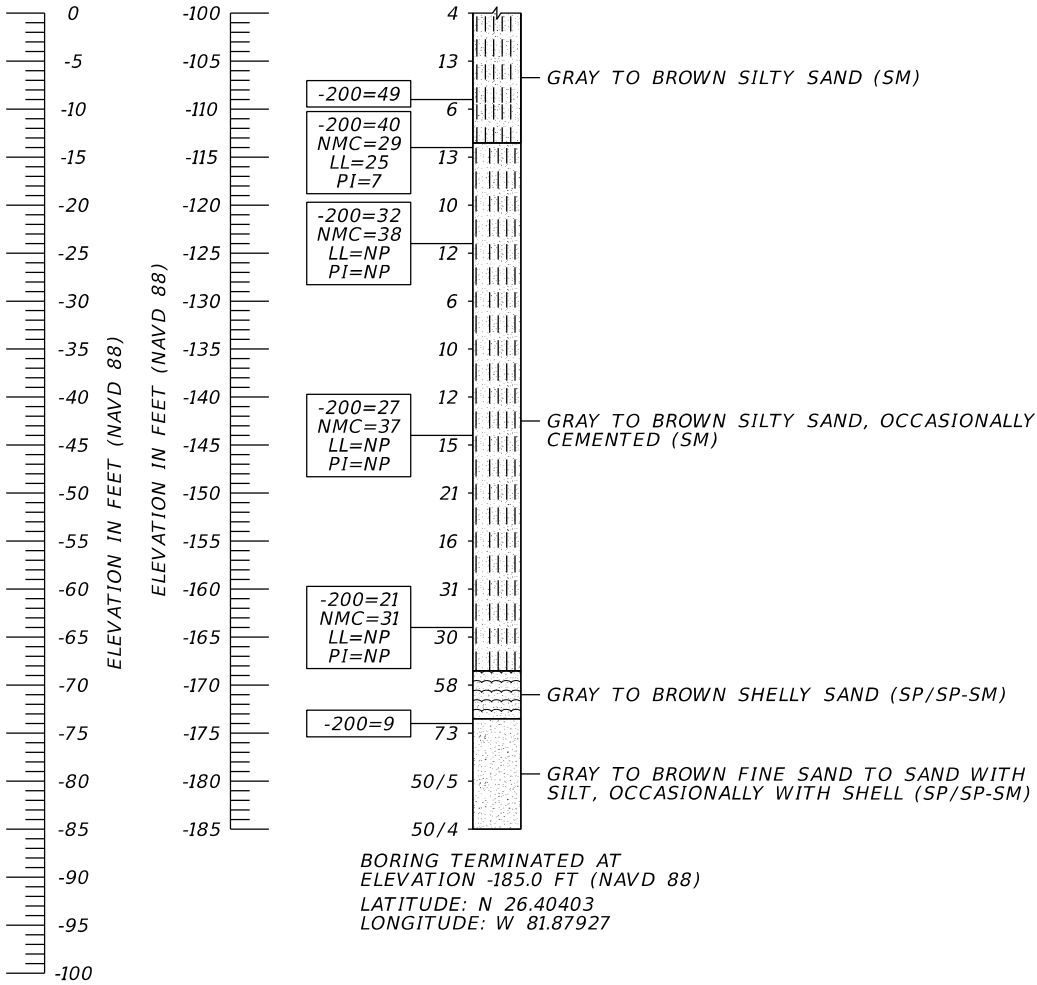
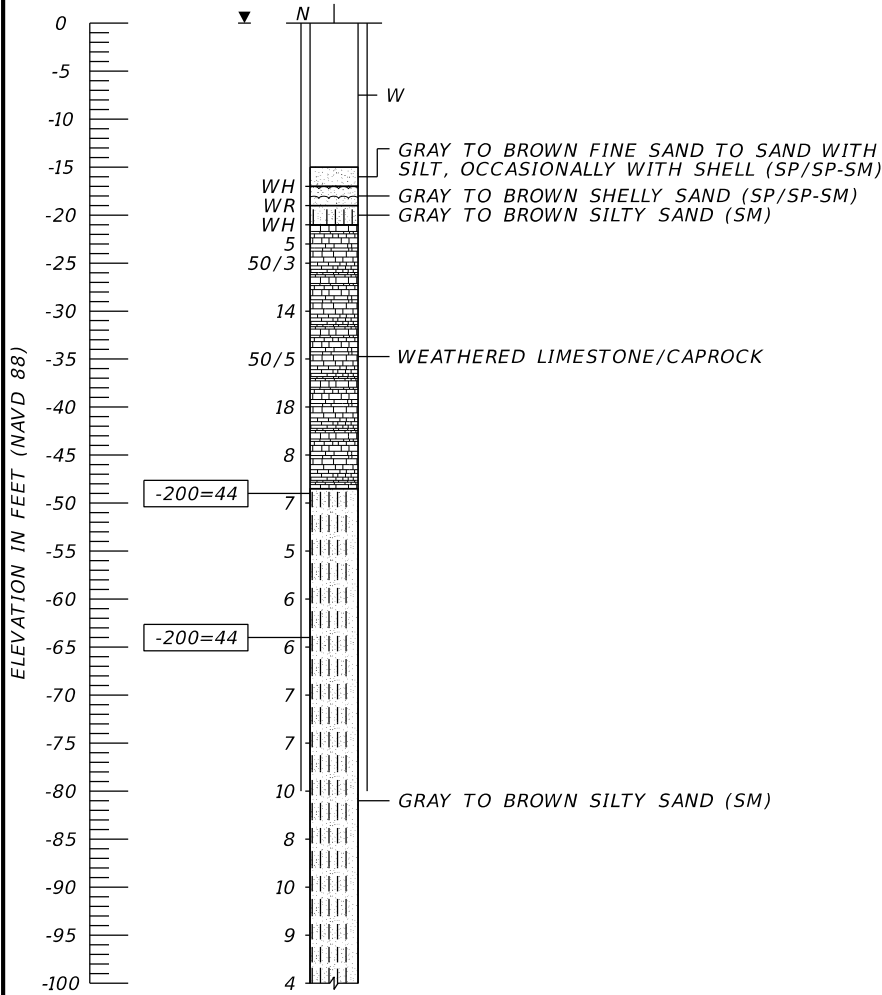


RECOMMENDED ENVIRONMENTAL CLASSIFICATION:
SUBSTRUCTURE CONCRETE: EXTREMELY AGGRESSIVE
SUBSTRUCTURE STEEL: EXTREMELY AGGRESSIVE
SUPERSTRUCTURE EXTREMELY AGGRESSIVE

NOTE: BORING LOCATIONS AND ELEVATIONS DENOTED WITH AN ASTERISK "*" WERE PROVIDED BY THE PROJECT SURVEYOR. BORING LOCATIONS AND ELEVATIONS NOT DENOTED WITH AN ASTERISK "*" WERE DETERMINED USING PROJECT DESIGN FILES PROVIDED BY KISINGER CAMPO AND ASSOCIATES, CORP. IN CONJUNCTION WITH GPS COORDINATES OBTAINED BY TIERRA, INC. IN THE FIELD AND SHOULD BE CONSIDERED APPROXIMATE.

BORING LOCATION PLAN

BOR # BB-427
STA. 426+78
REF. CL CONST.
OFF. 18' LT.
ELEV. -15.0 (MUDLINE)
DATE 6/25/2020
DRILLER D. MCKENZIE
HAMMER AUTOMATIC
RIG CME 55



BB-427 CONTINUED

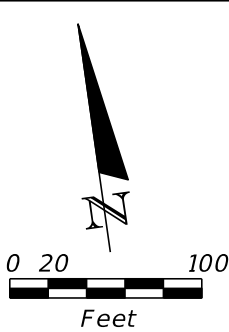
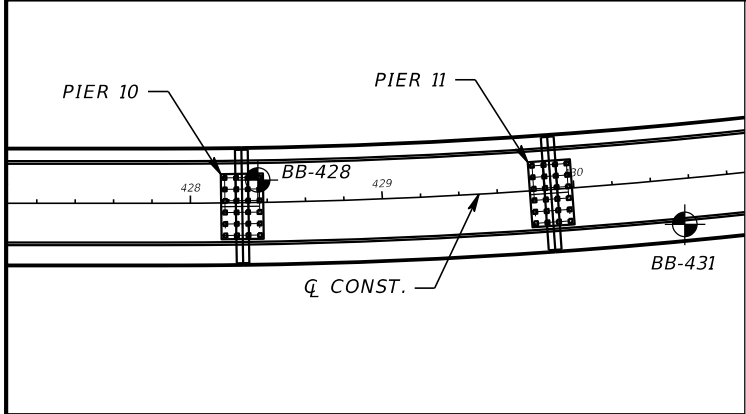
LEGEND

- GRAY TO BROWN FINE SAND TO SAND WITH SILT, OCCASIONALLY WITH SHELL (SP/SP-SM)
- GRAY TO BROWN SILTY SAND, OCCASIONALLY CEMENTED (SM)
- WEATHERED LIMESTONE/CAPROCK
- GRAY TO GREEN-GRAY TO LIGHT BROWN SILT TO CLAYEY-SILT (ML/MH/ML-CL)
- GRAY TO BROWN SHELLY SAND (SP/SP-SM)
- GRAY TO DARK GRAY INDURATED CLAY (CL/CH)
- GRAY TO DARK GRAY CLAY (CL/CH)
- DARK BROWN ORGANIC SILTY SAND TO PEAT (Pt)
- GRAY TO LIGHT BROWN CLAYEY-SILTY SAND TO CLAYEY SAND (SM-SC/SC)
- W WATER LEVEL AT TIME OF FIELD ACTIVITIES
- SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- 50/4 NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- WH SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD AND HAMMER
- WR SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- NP NON-PLASTIC
- NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988
- APPROXIMATE SPT BORING LOCATION
- GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- 700 LOSS OF CIRCULATION OF DRILLING FLUID (%)
- CASING
- CL CONST. CENTERLINE CONSTRUCTION OF ESTERO BLVD. (CR 865)

	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS- RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

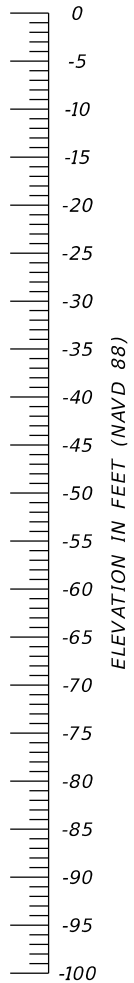
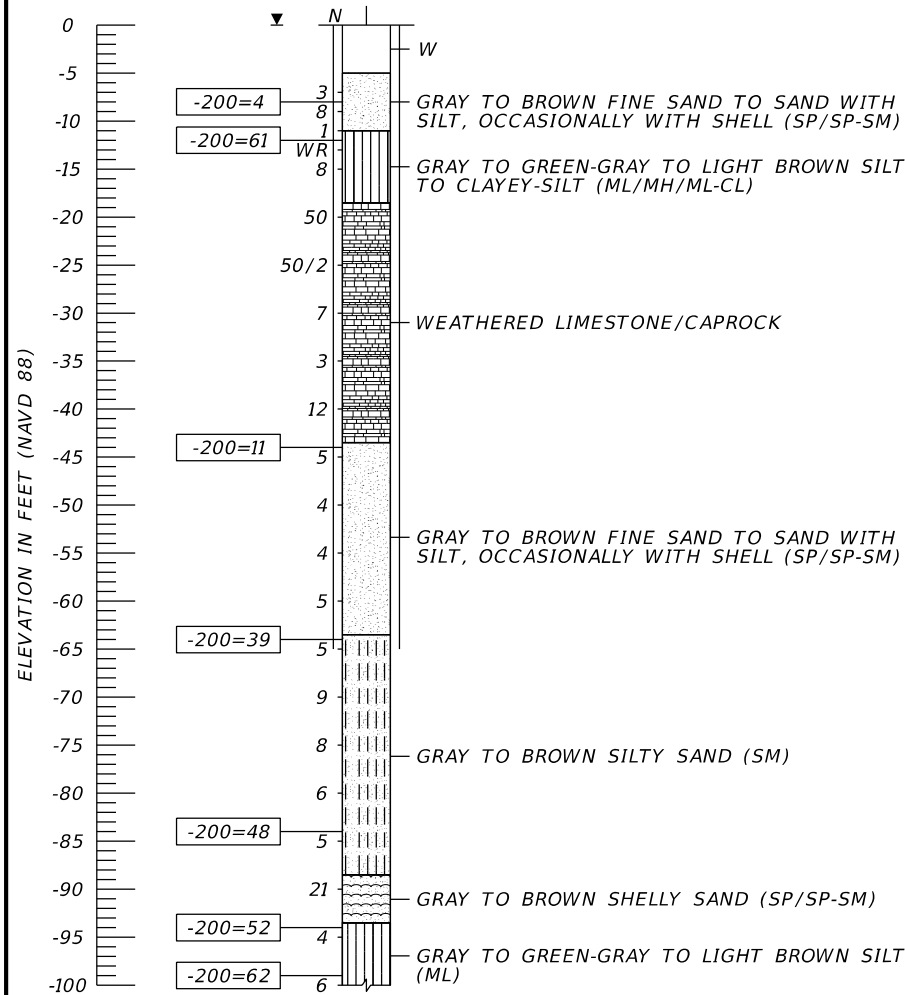
BRIDGE NO. 124143

REVISIONS						ERICK M. FREDERICK, P.E. P.E. LICENSE NUMBER 63920 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	DRAWN BY: BJS	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: REPORT OF CORE BORINGS (9)		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION <td>CHECKED BY: TM</td>		CHECKED BY: TM						
							DESIGNED BY: BJS	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.	
							CHECKED BY: EMF	CR 865	LEE	CN16002	CR 865 (ESTERO BOULEVARD) OVER BIG CARLOS PASS	B1-24	

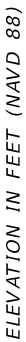
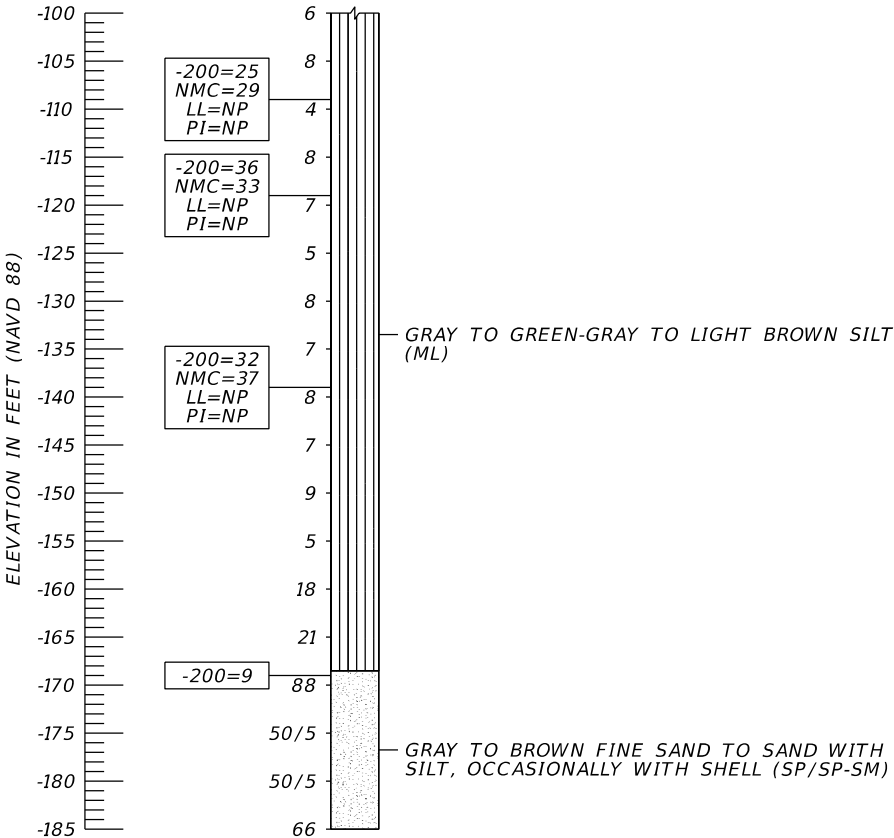


BORING LOCATION PLAN

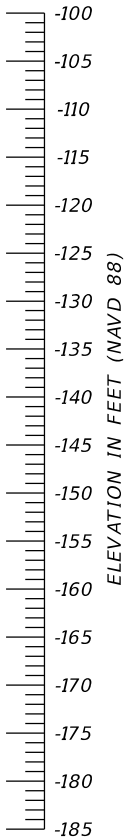
BOR # BB-428
STA. 428+35
REF. Q CONST.
OFF. 12' LT.
ELEV. -5.0 (MUDLINE)
DATE 6/23/2020
DRILLER D. MCKENZIE
HAMMER AUTOMATIC
RIG CME 55



BB-428 CONTINUED



BORING TERMINATED AT
ELEVATION -185.0 FT (NAVD 88)
LATITUDE: N 26.40395
LONGITUDE: W 81.87880



RECOMMENDED ENVIRONMENTAL CLASSIFICATION:

SUBSTRUCTURE CONCRETE: EXTREMELY AGGRESSIVE
SUBSTRUCTURE STEEL: EXTREMELY AGGRESSIVE
SUPERSTRUCTURE EXTREMELY AGGRESSIVE

NOTE: BORING LOCATIONS AND ELEVATIONS DENOTED WITH AN ASTERISK "*" WERE PROVIDED BY THE PROJECT SURVEYOR. BORING LOCATIONS AND ELEVATIONS NOT DENOTED WITH AN ASTERISK "*" WERE DETERMINED USING PROJECT DESIGN FILES PROVIDED BY KISINGER CAMPO AND ASSOCIATES, CORP. IN CONJUNCTION WITH GPS COORDINATES OBTAINED BY TIERRA, INC. IN THE FIELD AND SHOULD BE CONSIDERED APPROXIMATE.

LEGEND

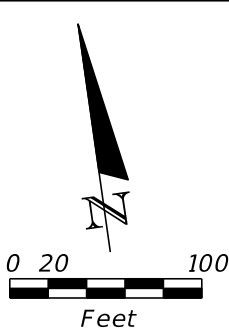
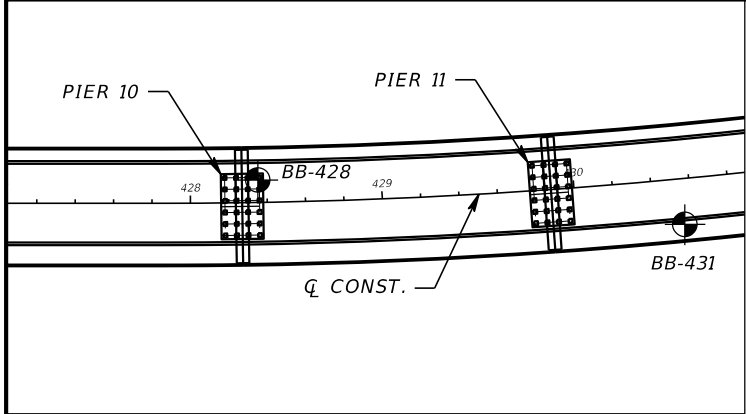
- GRAY TO BROWN FINE SAND TO SAND WITH SILT, OCCASIONALLY WITH SHELL (SP/SP-SM)
- GRAY TO BROWN SILTY SAND, OCCASIONALLY CEMENTED (SM)
- WEATHERED LIMESTONE/CAPROCK
- GRAY TO GREEN-GRAY TO LIGHT BROWN SILT TO CLAYEY-SILT (ML/MH/ML-CL)
- GRAY TO BROWN SHELLY SAND (SP/SP-SM)
- GRAY TO DARK GRAY INDURATED CLAY (CL/CH)
- GRAY TO DARK GRAY CLAY (CL/CH)
- DARK BROWN ORGANIC SILTY SAND TO PEAT (Pt)
- GRAY TO LIGHT BROWN CLAYEY-SILTY SAND TO CLAYEY SAND (SM-SC/SC)

- W WATER LEVEL AT TIME OF FIELD ACTIVITIES
- SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- 50/4 NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- WH SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD AND HAMMER
- WR SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- NP NON-PLASTIC
- NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988
- APPROXIMATE SPT BORING LOCATION
- GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- 700 LOSS OF CIRCULATION OF DRILLING FLUID (%)
- CASING
- Q CONST. CENTERLINE CONSTRUCTION OF ESTERO BLVD. (CR 865)

	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS- RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

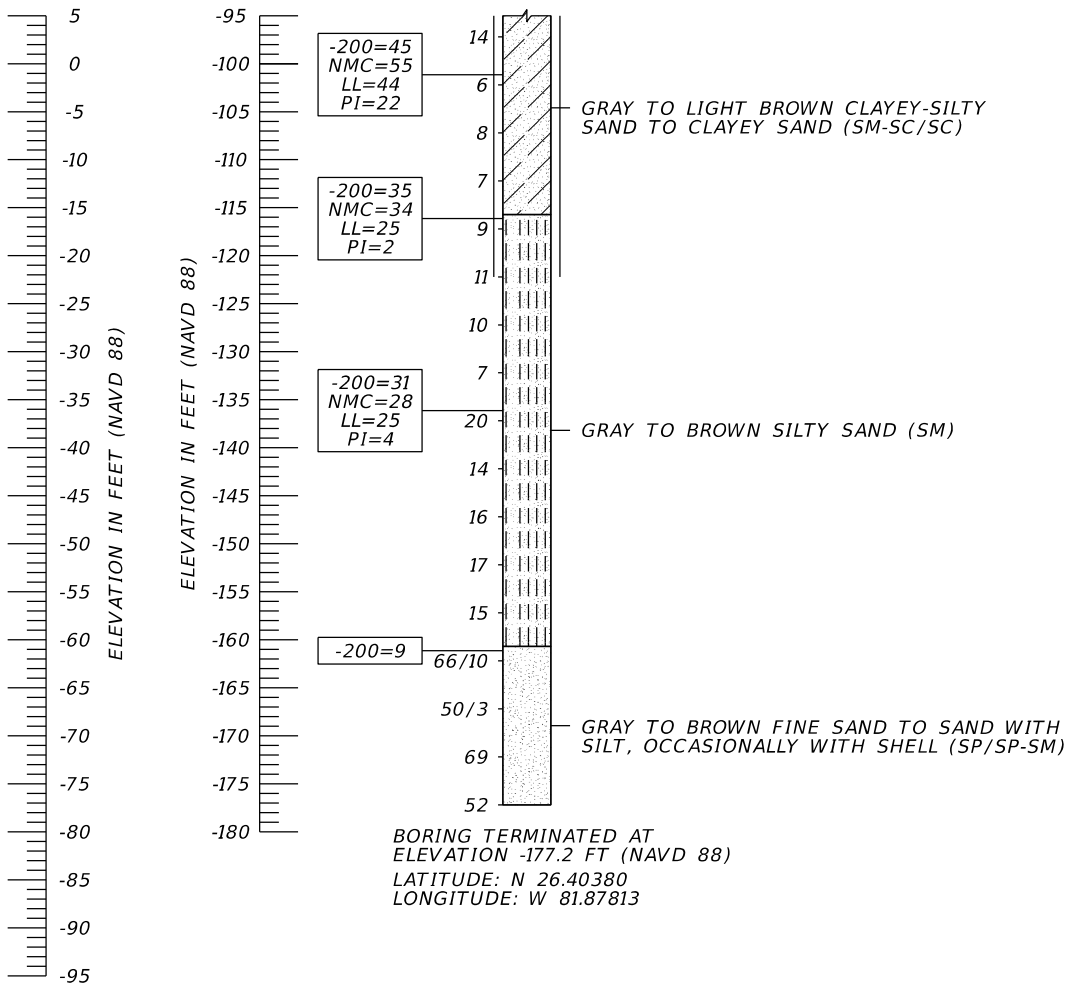
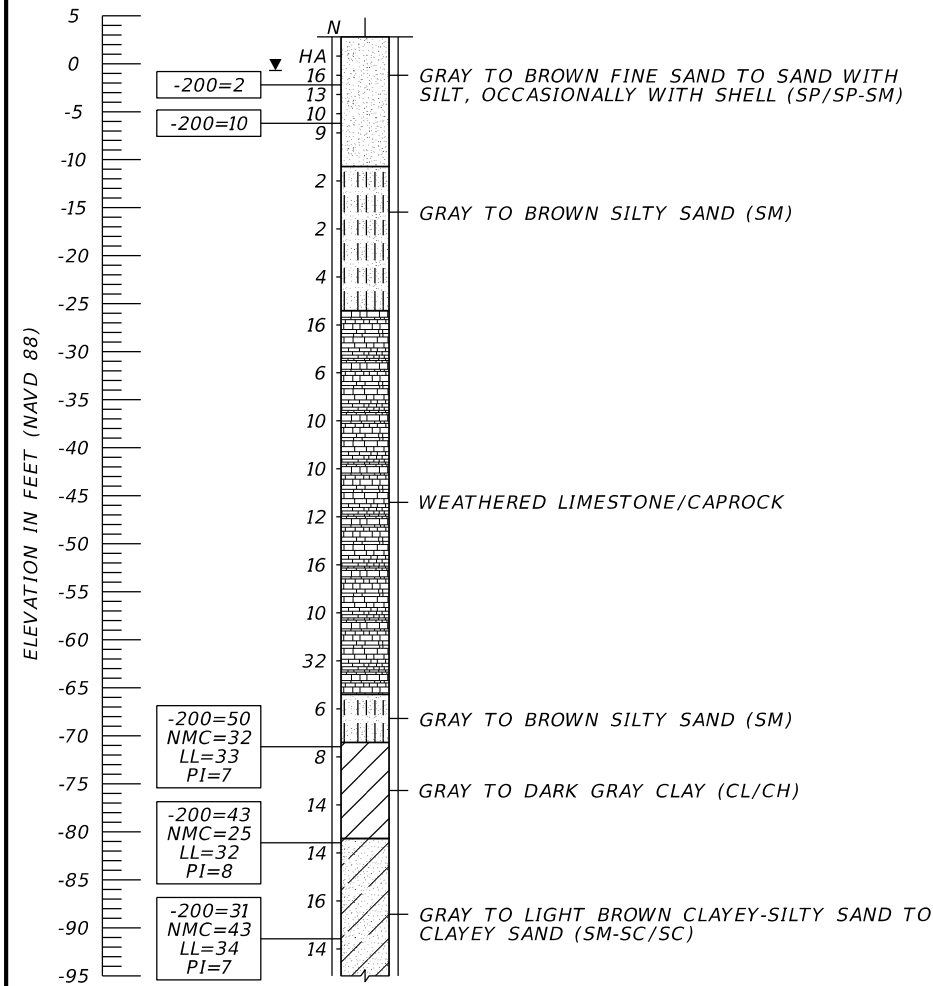
BRIDGE NO. 124143

REVISIONS						ERICK M. FREDERICK, P.E. P.E. LICENSE NUMBER 63920 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	DRAWN BY: BJS CHECKED BY: TM DESIGNED BY: BJS CHECKED BY: EMF	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						REPORT OF CORE BORINGS (10)		
								ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:		SHEET NO.
								CR 865	LEE	CN16002	CR 865 (ESTERO BOULEVARD) OVER BIG CARLOS PASS		B1-25



BORING LOCATION PLAN

BOR # BB-431
STA. 430+54
REF. Q CONST.
OFF. 23' RT.
ELEV. 2.8
DATE 7/16/2019
DRILLER D. STAKELIN
HAMMER AUTOMATIC
RIG D-25



RECOMMENDED ENVIRONMENTAL CLASSIFICATION:
SUBSTRUCTURE CONCRETE: EXTREMELY AGGRESSIVE
SUBSTRUCTURE STEEL: EXTREMELY AGGRESSIVE
SUPERSTRUCTURE EXTREMELY AGGRESSIVE

NOTE: BORING LOCATIONS AND ELEVATIONS DENOTED WITH AN ASTERISK "*" WERE PROVIDED BY THE PROJECT SURVEYOR. BORING LOCATIONS AND ELEVATIONS NOT DENOTED WITH AN ASTERISK "*" WERE DETERMINED USING PROJECT DESIGN FILES PROVIDED BY KISINGER CAMPO AND ASSOCIATES, CORP. IN CONJUNCTION WITH GPS COORDINATES OBTAINED BY TIERRA, INC. IN THE FIELD AND SHOULD BE CONSIDERED APPROXIMATE.

BB-431 (CONTINUED)

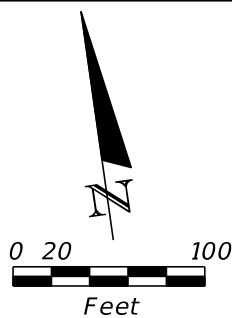
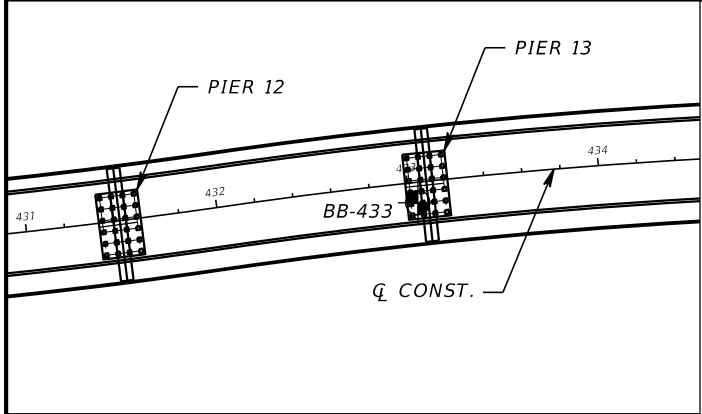
LEGEND

- GRAY TO BROWN FINE SAND TO SAND WITH SILT, OCCASIONALLY WITH SHELL (SP/SP-SM)
- GRAY TO BROWN SILTY SAND, OCCASIONALLY CEMENTED (SM)
- WEATHERED LIMESTONE/CAPROCK
- GRAY TO GREEN-GRAY TO LIGHT BROWN SILT TO CLAYEY-SILT (ML/MH/ML-CL)
- GRAY TO BROWN SHELLY SAND (SP/SP-SM)
- GRAY TO DARK GRAY INDURATED CLAY (CL/CH)
- GRAY TO DARK GRAY CLAY (CL/CH)
- DARK BROWN ORGANIC SILTY SAND TO PEAT (Pt)
- GRAY TO LIGHT BROWN CLAYEY-SILTY SAND TO CLAYEY SAND (SM-SC/SC)
- W WATER LEVEL AT TIME OF FIELD ACTIVITIES
- SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- 50/4 NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- WH SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD AND HAMMER
- WR SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- NP NON-PLASTIC
- NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988
- APPROXIMATE SPT BORING LOCATION
- GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- 100 LOSS OF CIRCULATION OF DRILLING FLUID (%)
- CASING
- Q CONST. CENTERLINE CONSTRUCTION OF ESTERO BLVD. (CR 865)

	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS- RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

BRIDGE NO. 124143

REVISIONS						ERICK M. FREDERICK, P.E. P.E. LICENSE NUMBER 63920 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	DRAWN BY: BJS CHECKED BY: TM DESIGNED BY: BJS CHECKED BY: EMF	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						REPORT OF CORE BORINGS (11)		
								ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:		SHEET NO.
								CR 865	LEE	CN16002	CR 865 (ESTERO BOULEVARD) OVER BIG CARLOS PASS		B1-26

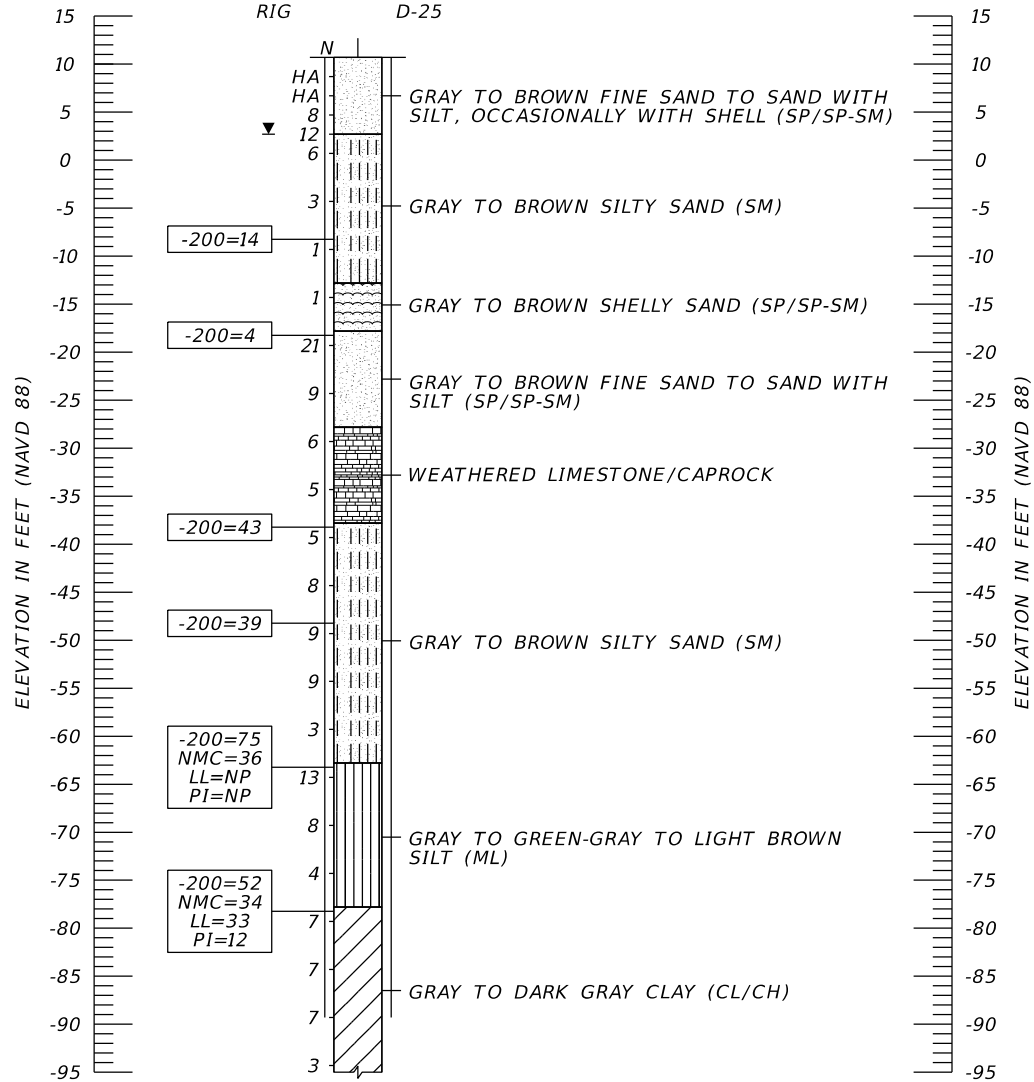


RECOMMENDED ENVIRONMENTAL CLASSIFICATION:
SUBSTRUCTURE CONCRETE: EXTREMELY AGGRESSIVE
SUBSTRUCTURE STEEL: EXTREMELY AGGRESSIVE
SUPERSTRUCTURE EXTREMELY AGGRESSIVE

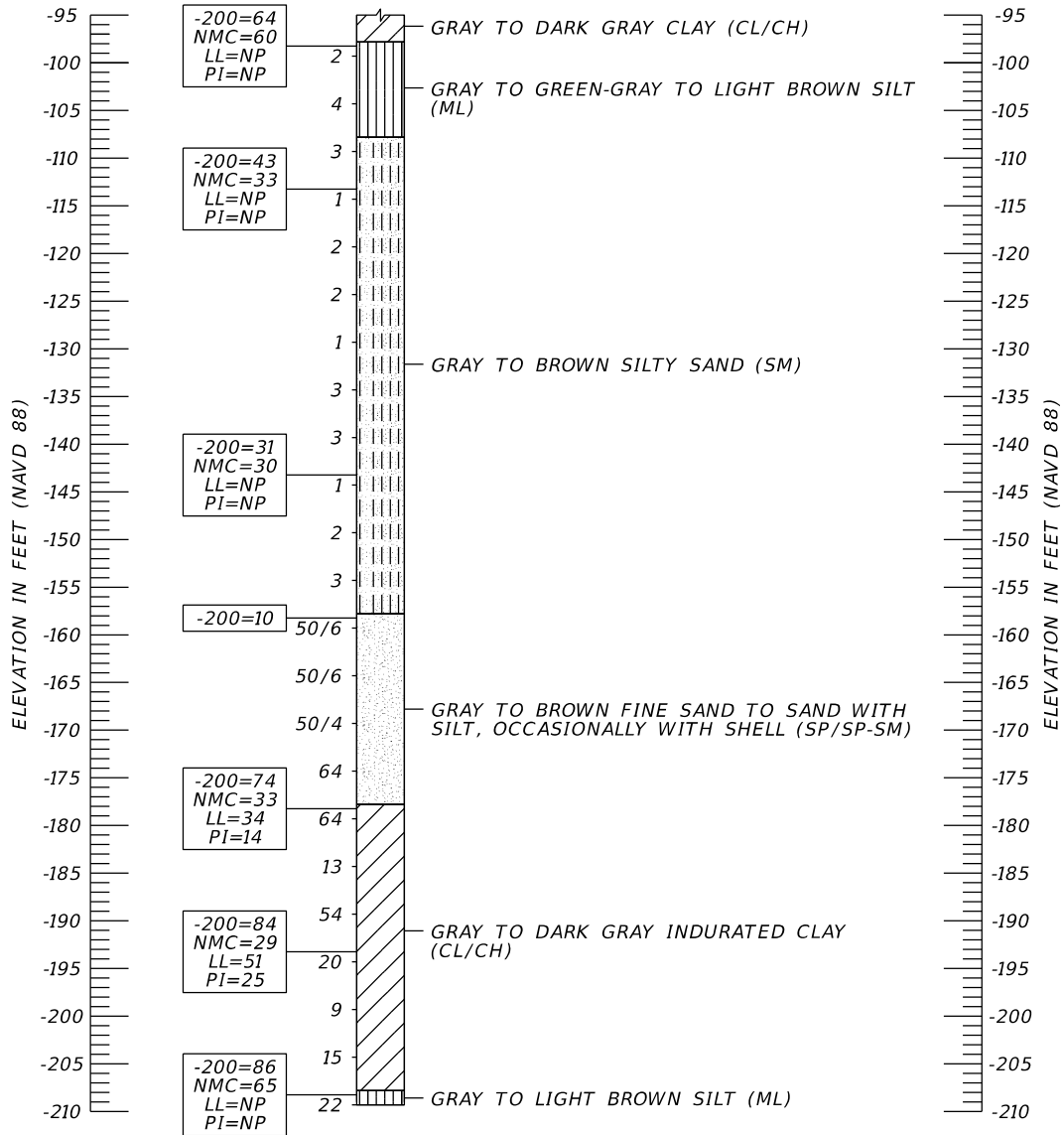
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BORING LOCATION PLAN

BOR # BB-433*
STA. 433+02
REF. Q CONST.
OFF. 9' RT.
ELEV. 10.7
DATE 11/18/2019
DRILLER D. STAKELIN
HAMMER AUTOMATIC
RIG D-25



BB-433 (CONTINUED)



BORING TERMINATED AT
ELEVATION -209.3 FT (NAVD 88)
LATITUDE: N 26.40382
LONGITUDE: W 81.87737

LEGEND

- GRAY TO BROWN FINE SAND TO SAND WITH SILT, OCCASIONALLY WITH SHELL (SP/SP-SM)
- GRAY TO BROWN SILTY SAND, OCCASIONALLY CEMENTED (SM)
- WEATHERED LIMESTONE/CAPROCK
- GRAY TO GREEN-GRAY TO LIGHT BROWN SILT TO CLAYEY-SILT (ML/MH/ML-CL)
- GRAY TO BROWN SHELLY SAND (SP/SP-SM)
- GRAY TO DARK GRAY INDURATED CLAY (CL/CH)
- GRAY TO DARK GRAY CLAY (CL/CH)
- DARK BROWN ORGANIC SILTY SAND TO PEAT (Pt)
- GRAY TO LIGHT BROWN CLAYEY-SILTY SAND TO CLAYEY SAND (SM-SC/SC)
- W WATER LEVEL AT TIME OF FIELD ACTIVITIES
- SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- 50/4 NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- WH SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD AND HAMMER
- WR SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- NP NON-PLASTIC
- NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988
- APPROXIMATE SPT BORING LOCATION
- GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- 700 LOSS OF CIRCULATION OF DRILLING FLUID (%)
- CASING
- Q CONST. CENTERLINE CONSTRUCTION OF ESTERO BLVD. (CR 865)

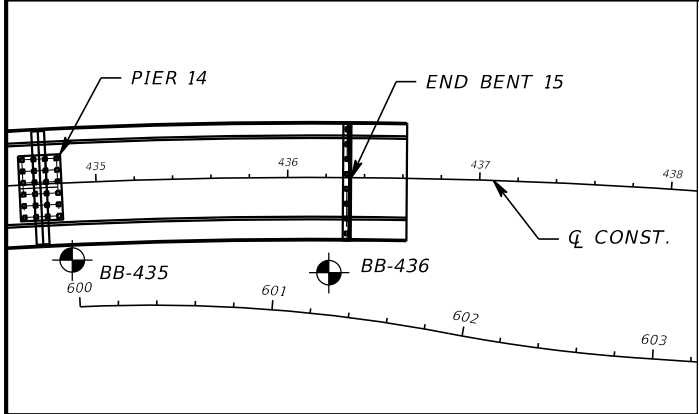
	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS- RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

BRIDGE NO. 124143

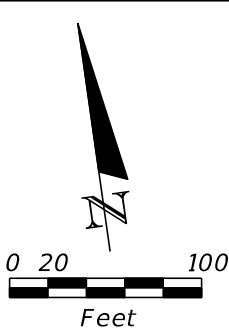
REVISIONS						DRAWN BY: BJS	CHECKED BY: TM	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: REPORT OF CORE BORINGS (12)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
						DESIGNED BY: BJS		CR 865	LEE	CN16002	PROJECT NAME: CR 865 (ESTERO BOULEVARD) OVER BIG CARLOS PASS	SHEET NO. B1-27
						CHECKED BY: EMF						

ERICK M. FREDERICK, P.E.
P.E. LICENSE NUMBER 63920
TIERRA, INC.
7351 TEMPLE TERRACE HIGHWAY
TAMPA, FLORIDA 33637

bgarcia5/25/202110:00:08 AMJ:\6511\2016 Files\6511-16-051 Big Carlos Pass\Microstation\B1Boring12.dgn



BORING LOCATION PLAN



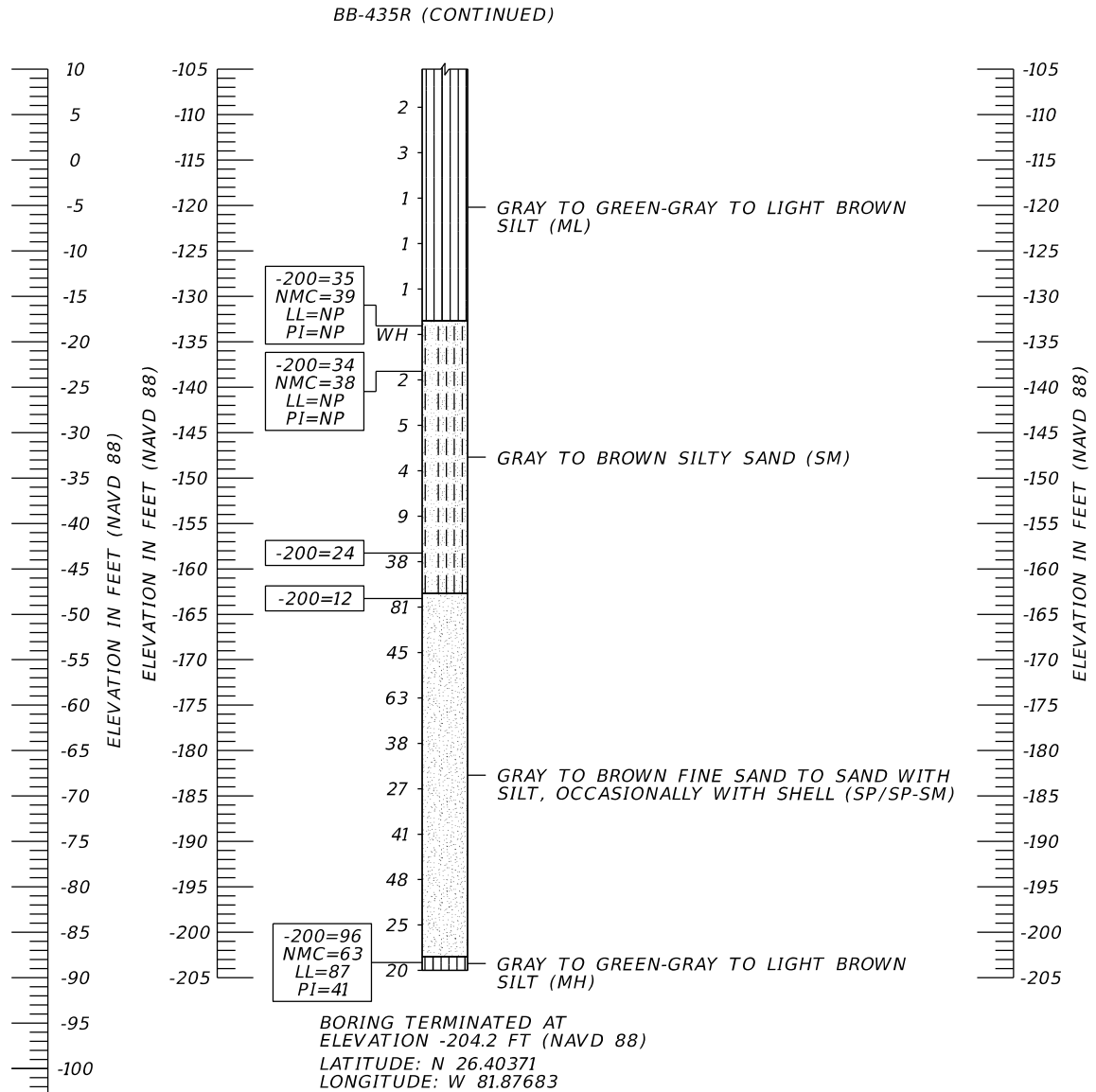
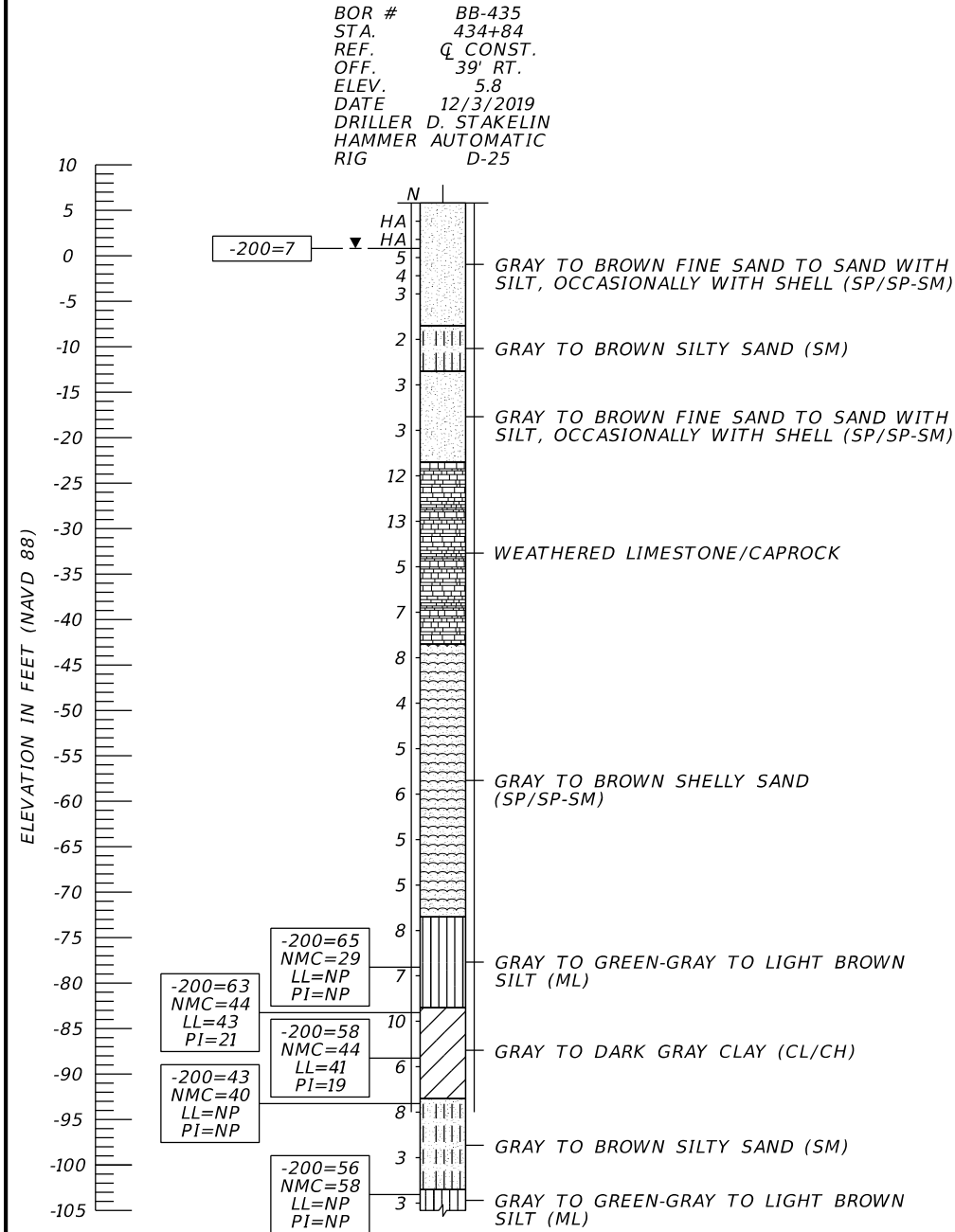
RECOMMENDED ENVIRONMENTAL CLASSIFICATION:

SUBSTRUCTURE CONCRETE: EXTREMELY AGGRESSIVE
SUBSTRUCTURE STEEL: EXTREMELY AGGRESSIVE
SUPERSTRUCTURE EXTREMELY AGGRESSIVE

NOTE: BORING LOCATIONS AND ELEVATIONS DENOTED WITH AN ASTERISK "*" WERE PROVIDED BY THE PROJECT SURVEYOR. BORING LOCATIONS AND ELEVATIONS NOT DENOTED WITH AN ASTERISK "*" WERE DETERMINED USING PROJECT DESIGN FILES PROVIDED BY KISINGER CAMPO AND ASSOCIATES, CORP. IN CONJUNCTION WITH GPS COORDINATES OBTAINED BY TIERRA, INC. IN THE FIELD AND SHOULD BE CONSIDERED APPROXIMATE.

LEGEND

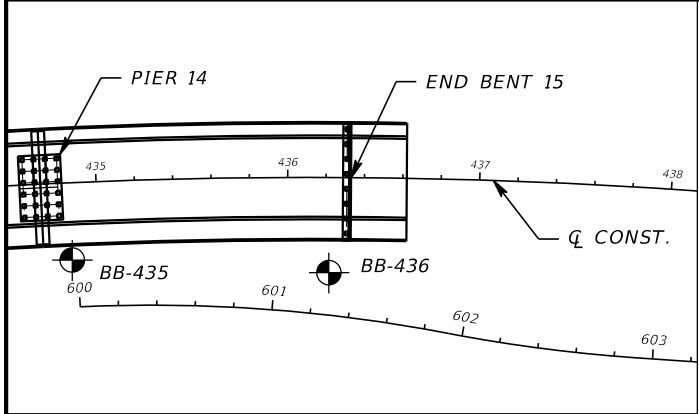
- GRAY TO BROWN FINE SAND TO SAND WITH SILT, OCCASIONALLY WITH SHELL (SP/SP-SM)
- GRAY TO BROWN SILTY SAND, OCCASIONALLY CEMENTED (SM)
- WEATHERED LIMESTONE/CAPROCK
- GRAY TO GREEN-GRAY TO LIGHT BROWN SILT TO CLAYEY-SILT (ML/MH/ML-CL)
- GRAY TO BROWN SHELLY SAND (SP/SP-SM)
- GRAY TO DARK GRAY INDURATED CLAY (CL/CH)
- GRAY TO DARK GRAY CLAY (CL/CH)
- DARK BROWN ORGANIC SILTY SAND TO PEAT (Pt)
- GRAY TO LIGHT BROWN CLAYEY-SILTY SAND TO CLAYEY SAND (SM-SC/SC)
- W WATER LEVEL AT TIME OF FIELD ACTIVITIES
- SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- 50/4 NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- WH SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD AND HAMMER
- WR SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- NP NON-PLASTIC
- NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988
- APPROXIMATE SPT BORING LOCATION
- GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- 700 LOSS OF CIRCULATION OF DRILLING FLUID (%)
- CASING
- CL CONST. CENTERLINE CONSTRUCTION OF ESTERO BLVD. (CR 865)



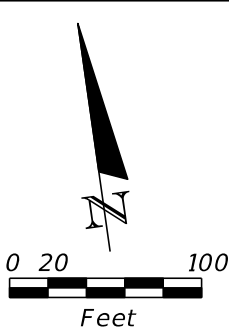
	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS- RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

BRIDGE NO. 124143

REVISIONS						ERICK M. FREDERICK, P.E. P.E. LICENSE NUMBER 63920 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	DRAWN BY: BJS	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: REPORT OF CORE BORINGS (13)		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: TM						PROJECT NAME:
							DESIGNED BY: BJS	ROAD NO.	COUNTY	COUNTY PROJECT No			
							CHECKED BY: EMF	CR 865	LEE	CN16002	CR 865 (ESTERO BOULEVARD) OVER BIG CARLOS PASS		B1-28



BORING LOCATION PLAN



RECOMMENDED ENVIRONMENTAL CLASSIFICATION:

SUBSTRUCTURE CONCRETE: EXTREMELY AGGRESSIVE
SUBSTRUCTURE STEEL: EXTREMELY AGGRESSIVE
SUPERSTRUCTURE EXTREMELY AGGRESSIVE

NOTE: BORING LOCATIONS AND ELEVATIONS DENOTED WITH AN ASTERISK "*" WERE PROVIDED BY THE PROJECT SURVEYOR. BORING LOCATIONS AND ELEVATIONS NOT DENOTED WITH AN ASTERISK "*" WERE DETERMINED USING PROJECT DESIGN FILES PROVIDED BY KISINGER CAMPO AND ASSOCIATES, CORP. IN CONJUNCTION WITH GPS COORDINATES OBTAINED BY TIERRA, INC. IN THE FIELD AND SHOULD BE CONSIDERED APPROXIMATE.

LEGEND

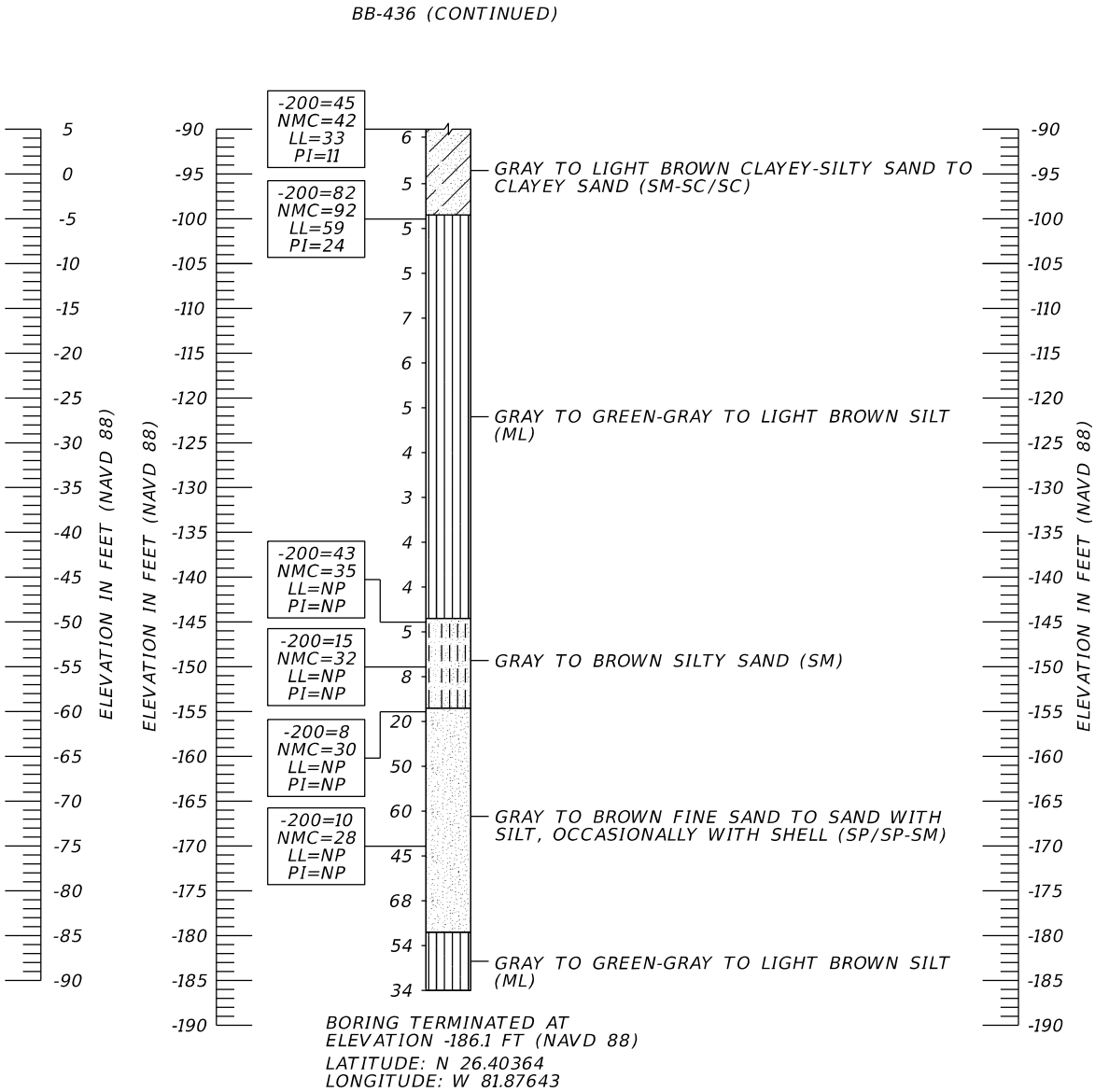
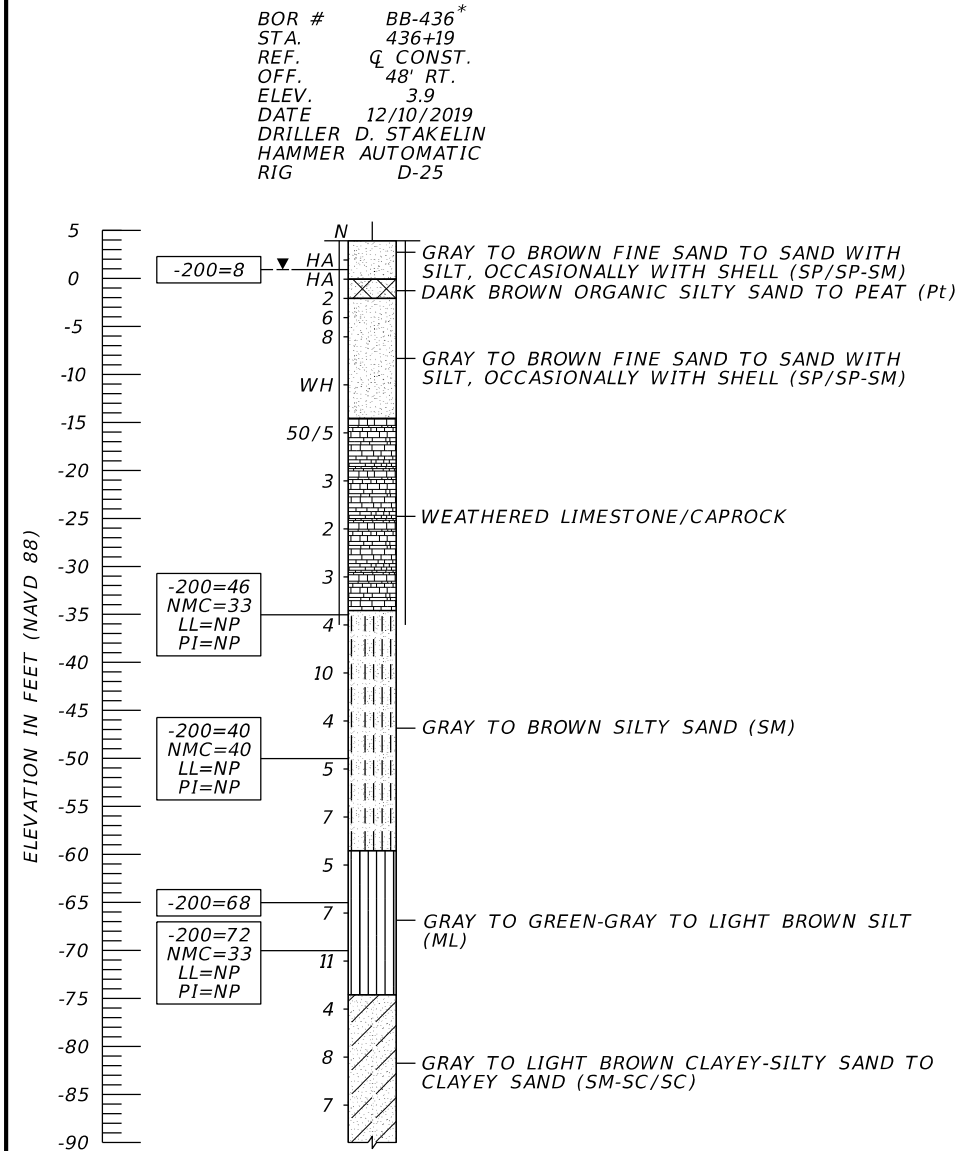
- GRAY TO BROWN FINE SAND TO SAND WITH SILT, OCCASIONALLY WITH SHELL (SP/SP-SM)
- GRAY TO BROWN SILTY SAND, OCCASIONALLY CEMENTED (SM)
- WEATHERED LIMESTONE/CAPROCK
- GRAY TO GREEN-GRAY TO LIGHT BROWN SILT TO CLAYEY-SILT (ML/MH/ML-CL)
- GRAY TO BROWN SHELLY SAND (SP/SP-SM)
- GRAY TO DARK GRAY INDURATED CLAY (CL/CH)
- GRAY TO DARK GRAY CLAY (CL/CH)
- DARK BROWN ORGANIC SILTY SAND TO PEAT (Pt)
- GRAY TO LIGHT BROWN CLAYEY-SILTY SAND TO CLAYEY SAND (SM-SC/SC)

- W WATER LEVEL AT TIME OF FIELD ACTIVITIES
- SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- 50/4 NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- WH SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD AND HAMMER
- WR SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- NP NON-PLASTIC
- NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988
- APPROXIMATE SPT BORING LOCATION
- GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- 700 LOSS OF CIRCULATION OF DRILLING FLUID (%)
- CASING

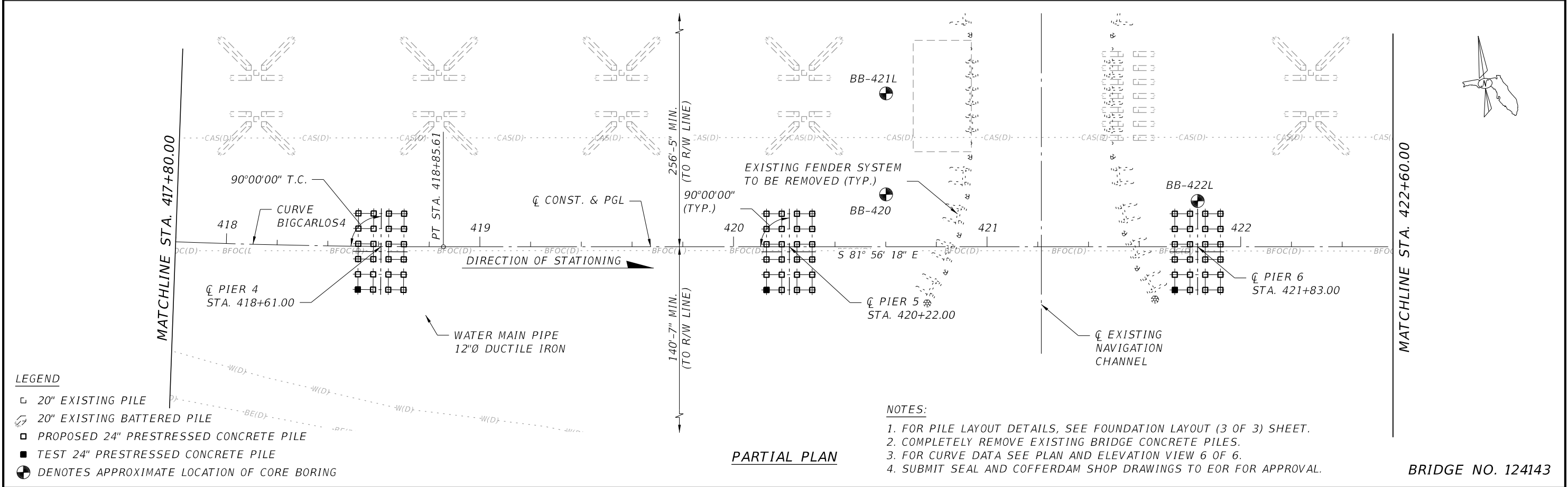
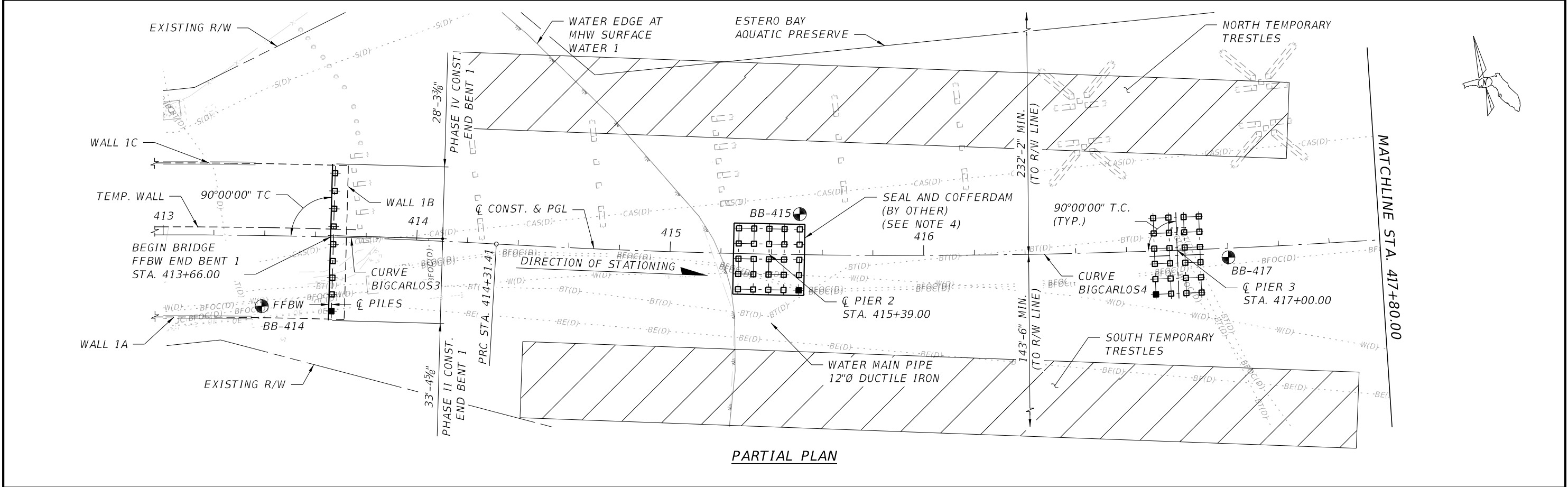
CL CONST. CENTERLINE CONSTRUCTION OF ESTERO BLVD. (CR 865)

	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS- RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
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FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

BRIDGE NO. 124143



REVISIONS						ERICK M. FREDERICK, P.E. P.E. LICENSE NUMBER 63920 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	DRAWN BY: BJS CHECKED BY: TM DESIGNED BY: BJS CHECKED BY: EMF	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: REPORT OF CORE BORINGS (14)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN16002	PROJECT NAME: CR 865 (ESTERO BOULEVARD) OVER BIG CARLOS PASS	SHEET NO. B1-29

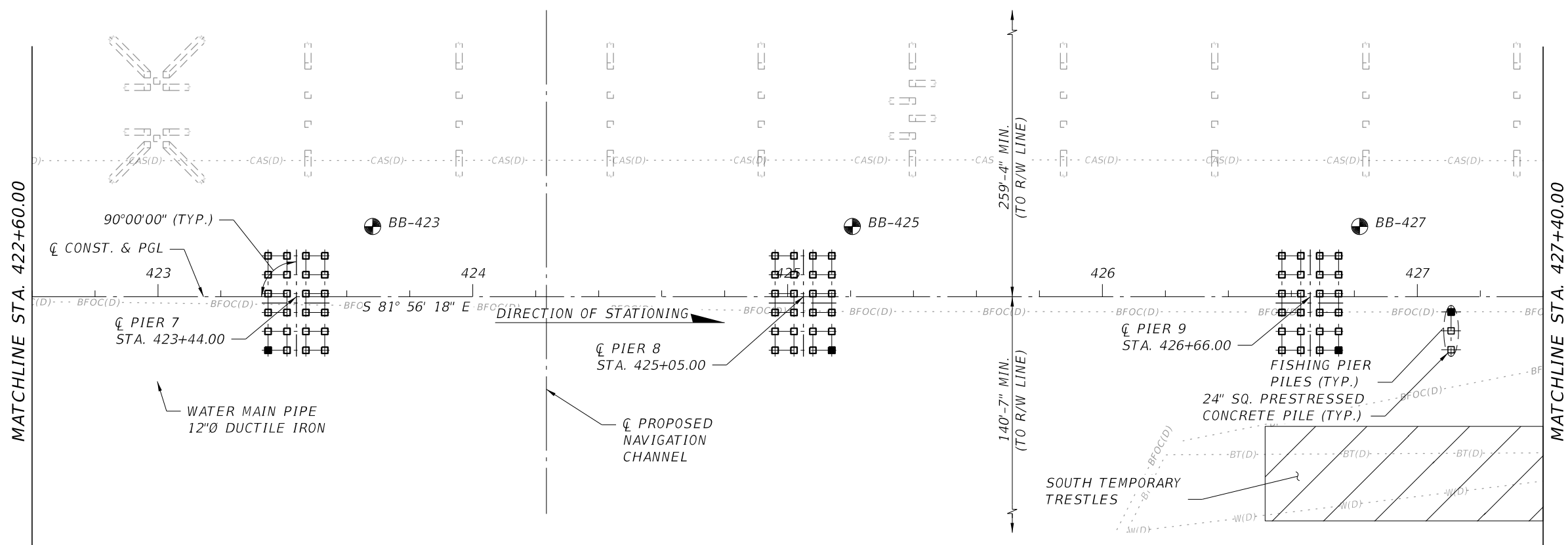


REVISIONS						DRAWN BY: ARF 04-21	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: FOUNDATION LAYOUT (1 OF 3)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						
						CHECKED BY: JHJ 04-21	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-30
						DESIGNED BY: SKB 10-19	CR 865	LEE	CN160002		
						CHECKED BY: PDM 03-20					

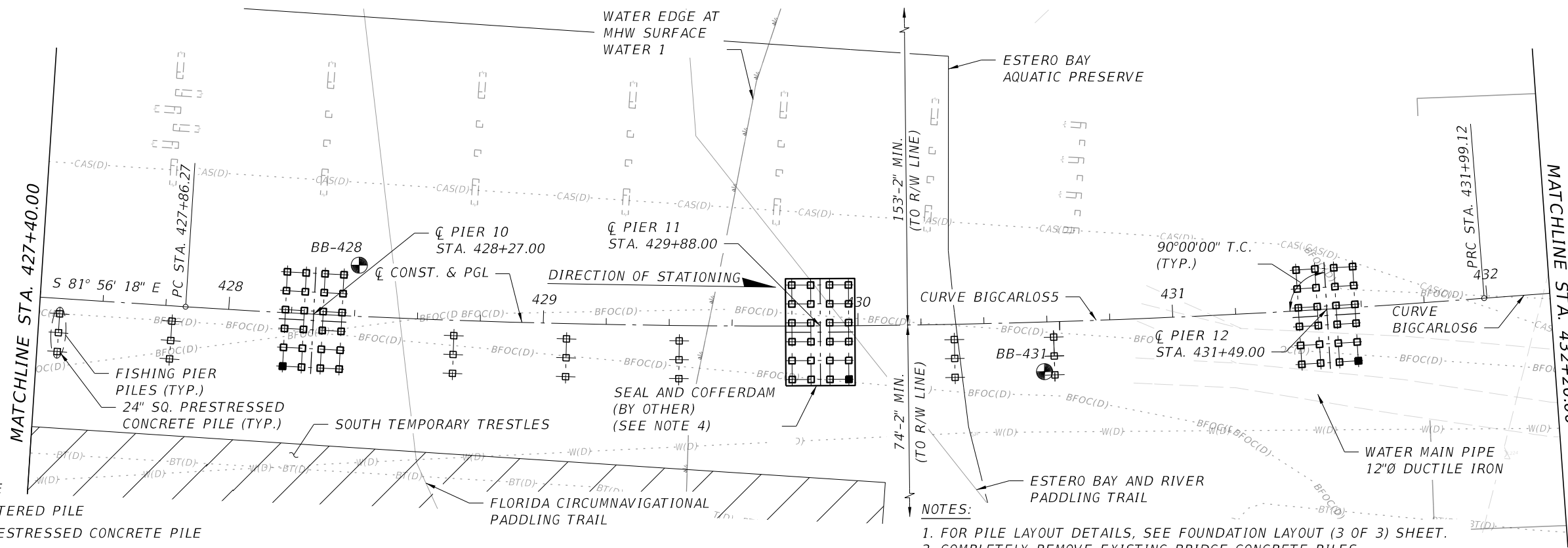
Kisinger Campo & Associates Corp.
201 N. Franklin Street
Suite 400
Tampa, FL 33602
Alfredo Jose Layrisse, PE No. 75610

jhanna
5/27/2021
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NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PARTIAL PLAN



PARTIAL PLAN

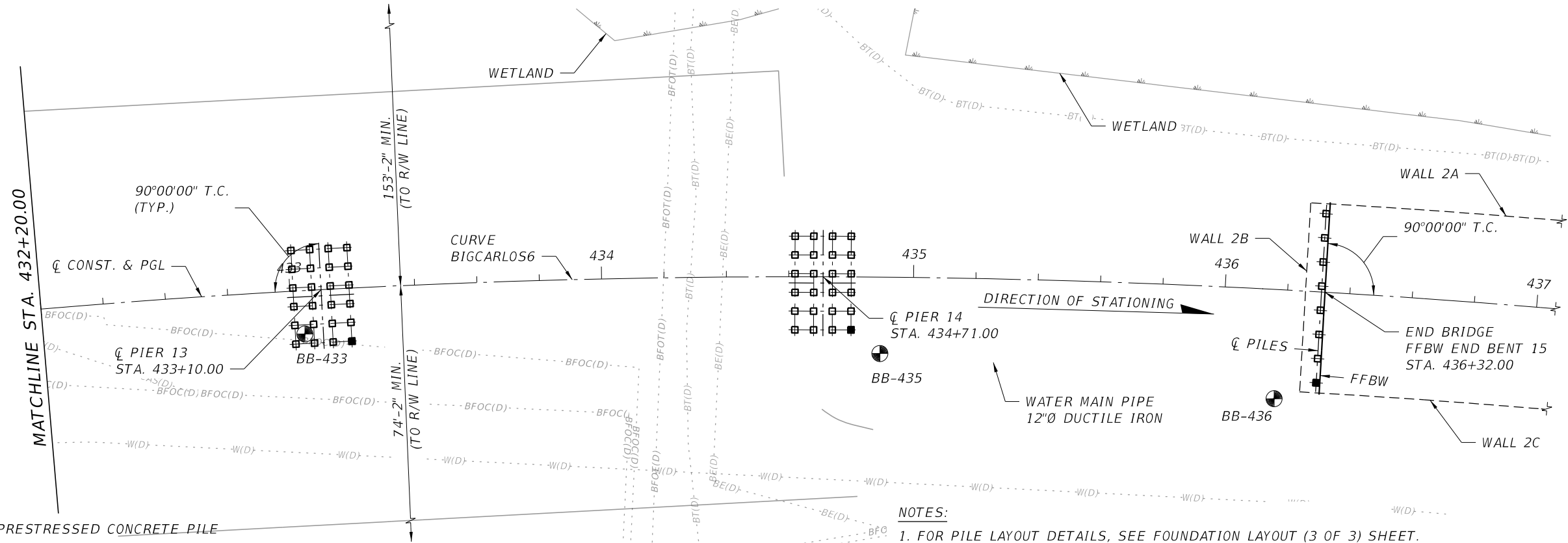
- LEGEND
- 20" EXISTING PILE
 - ◻ 20" EXISTING BATTERED PILE
 - ◻ PROPOSED 24" PRESTRESSED CONCRETE PILE
 - TEST 24" PRESTRESSED CONCRETE PILE
 - ⊙ DENOTES APPROXIMATE LOCATION OF CORE BORING

- NOTES:
1. FOR PILE LAYOUT DETAILS, SEE FOUNDATION LAYOUT (3 OF 3) SHEET.
 2. COMPLETELY REMOVE EXISTING BRIDGE CONCRETE PILES.
 3. FOR CURVE DATA SEE PLAN AND ELEVATION VIEW 6 OF 6.
 4. SUBMIT SEAL AND COFFERDAM SHOP DRAWINGS TO EOR FOR APPROVAL.

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: ARF 04-21 CHECKED BY: JHJ 04-21 DESIGNED BY: SKB 10-19 CHECKED BY: PDM 03-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: FOUNDATION LAYOUT (2 OF 3)		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:		SHEET NO.
								CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		B1-31

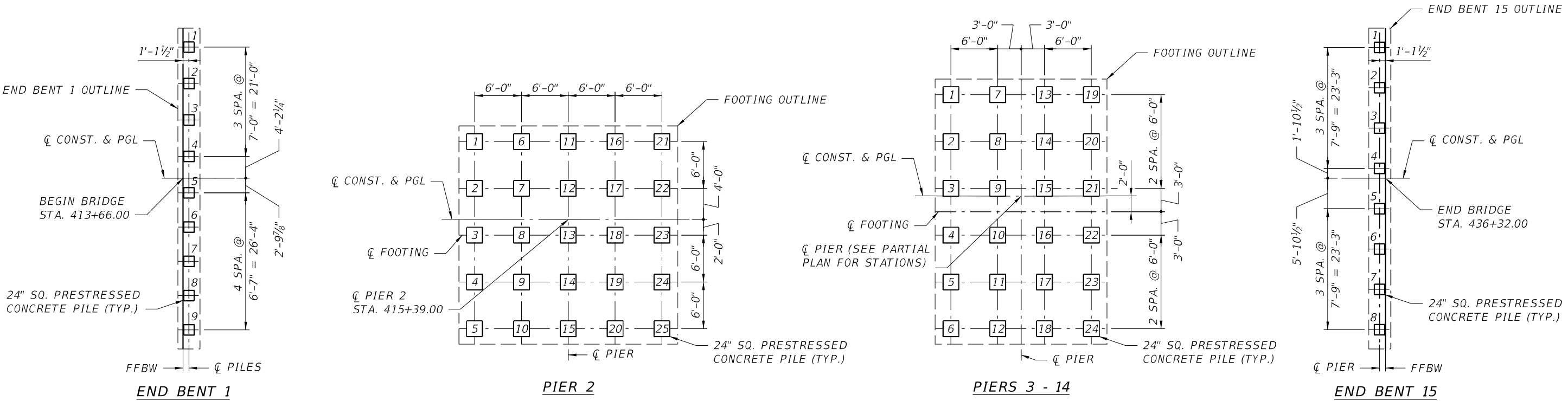
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



- LEGEND**
- PROPOSED 24" PRESTRESSED CONCRETE PILE
 - TEST 24" PRESTRESSED CONCRETE PILE
 - DENOTES APPROXIMATE LOCATION OF CORE BORING

- NOTES:**
1. FOR PILE LAYOUT DETAILS, SEE FOUNDATION LAYOUT (3 OF 3) SHEET.
 2. COMPLETELY REMOVE EXISTING BRIDGE CONCRETE PILES.
 3. FOR CURVE DATA SEE PLAN AND ELEVATION VIEW 6 OF 6.

PARTIAL PLAN



BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: ARF 04-21	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: JHJ 04-21				FOUNDATION LAYOUT (3 OF 3)		
							DESIGNED BY: SKB 10-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.	
							CHECKED BY: PDM 03-20	CR 865	LEE	CN160002			
							ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS						B1-32

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

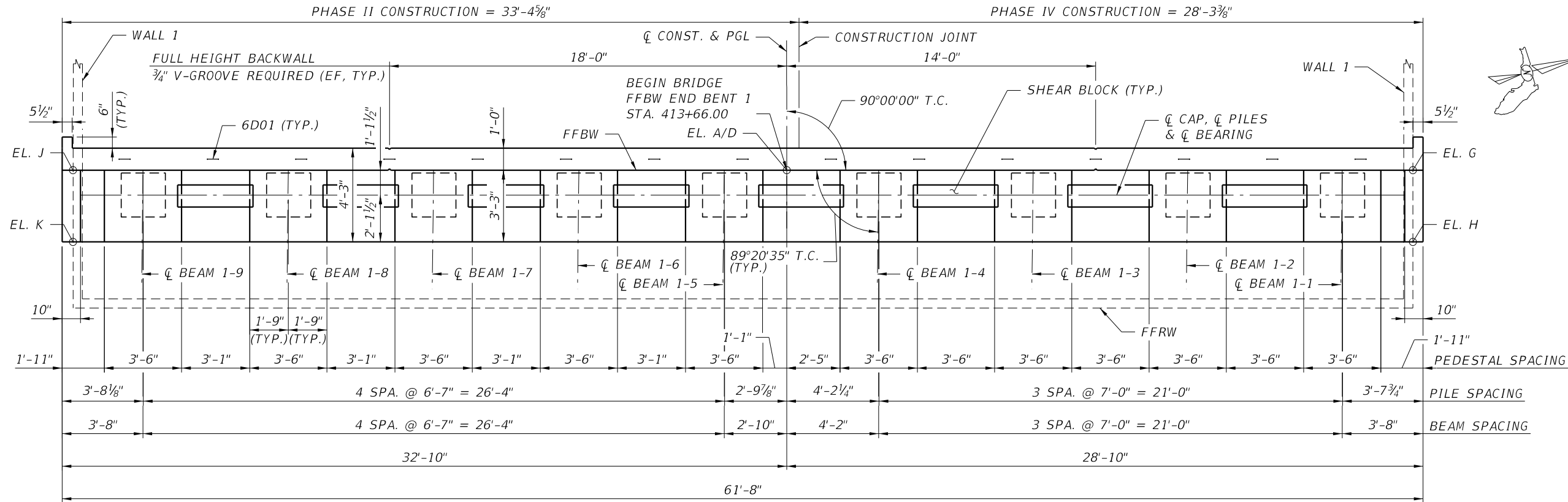
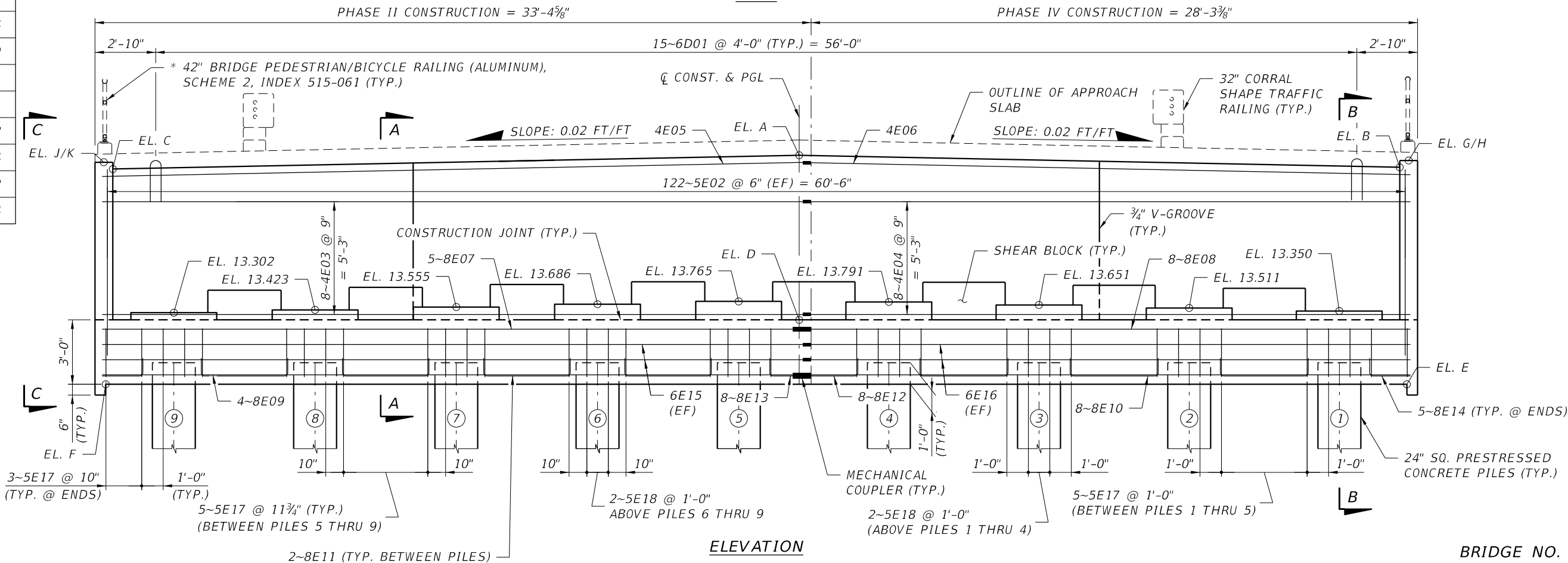


TABLE OF ELEV.
END BENT 1

POINT	ELEV.
A	20.341
B	19.764
C	19.684
D	12.930
E	9.930
F	9.930
G	20.002
H	20.164
J	19.922
K	20.084

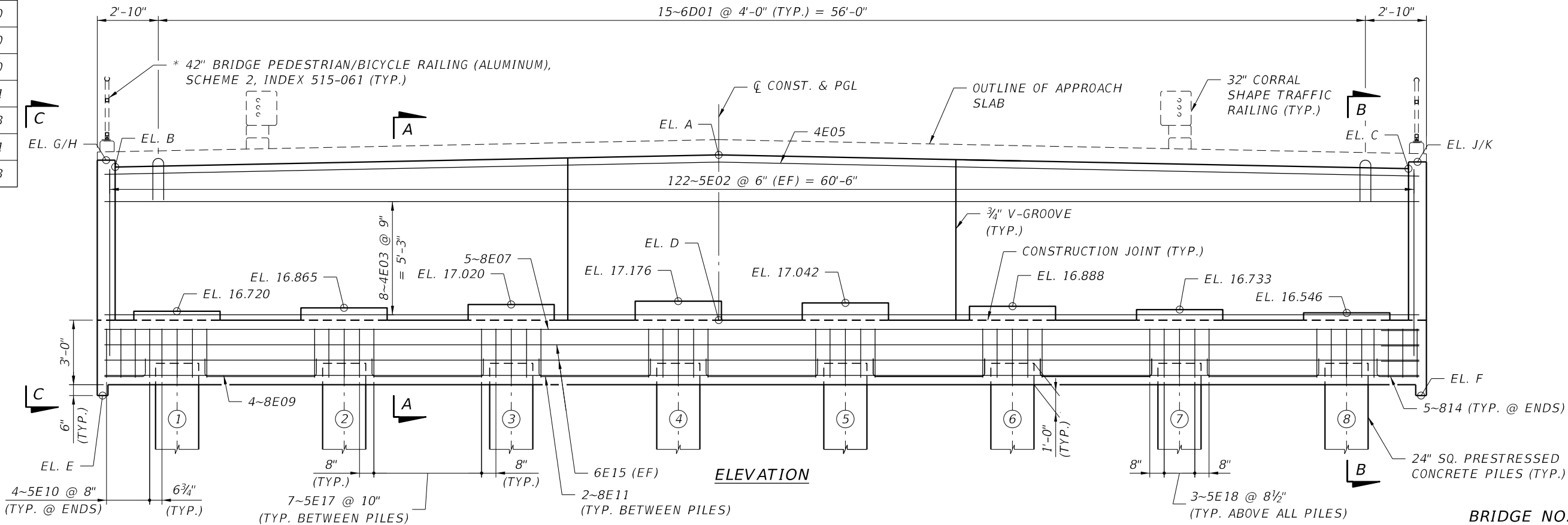
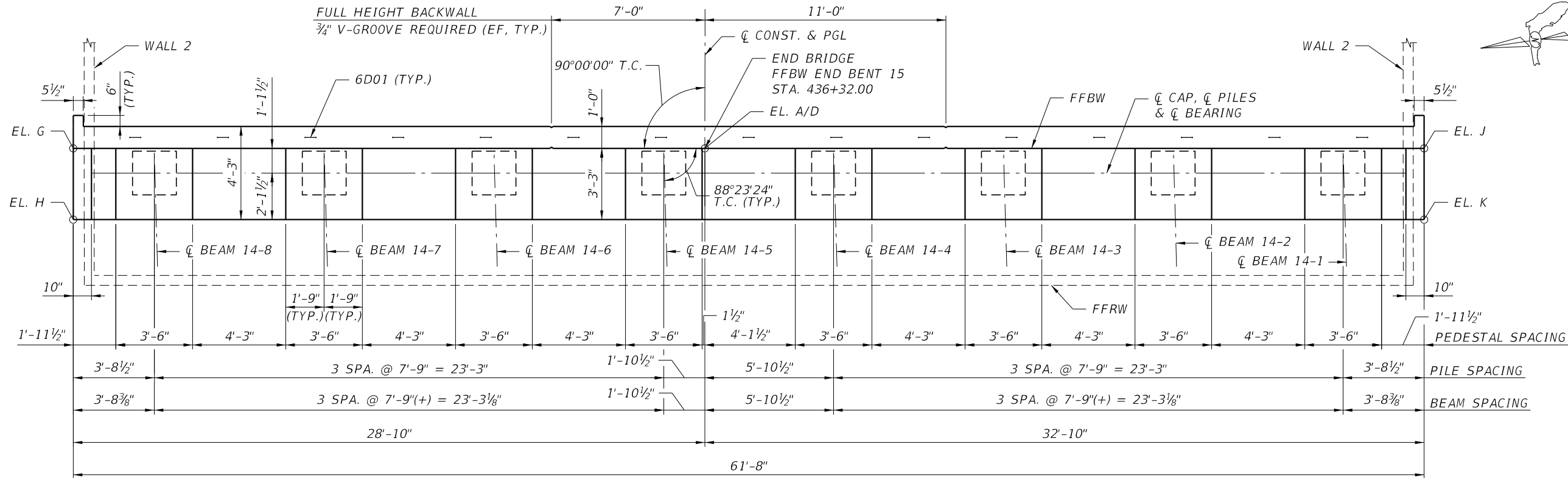


BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: ARF 04-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: END BENT 1		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: JHJ 03-21						
							DESIGNED BY: JHJ 04-20	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:		SHEET NO.
							CHECKED BY: SKB 04-20	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		B1-34

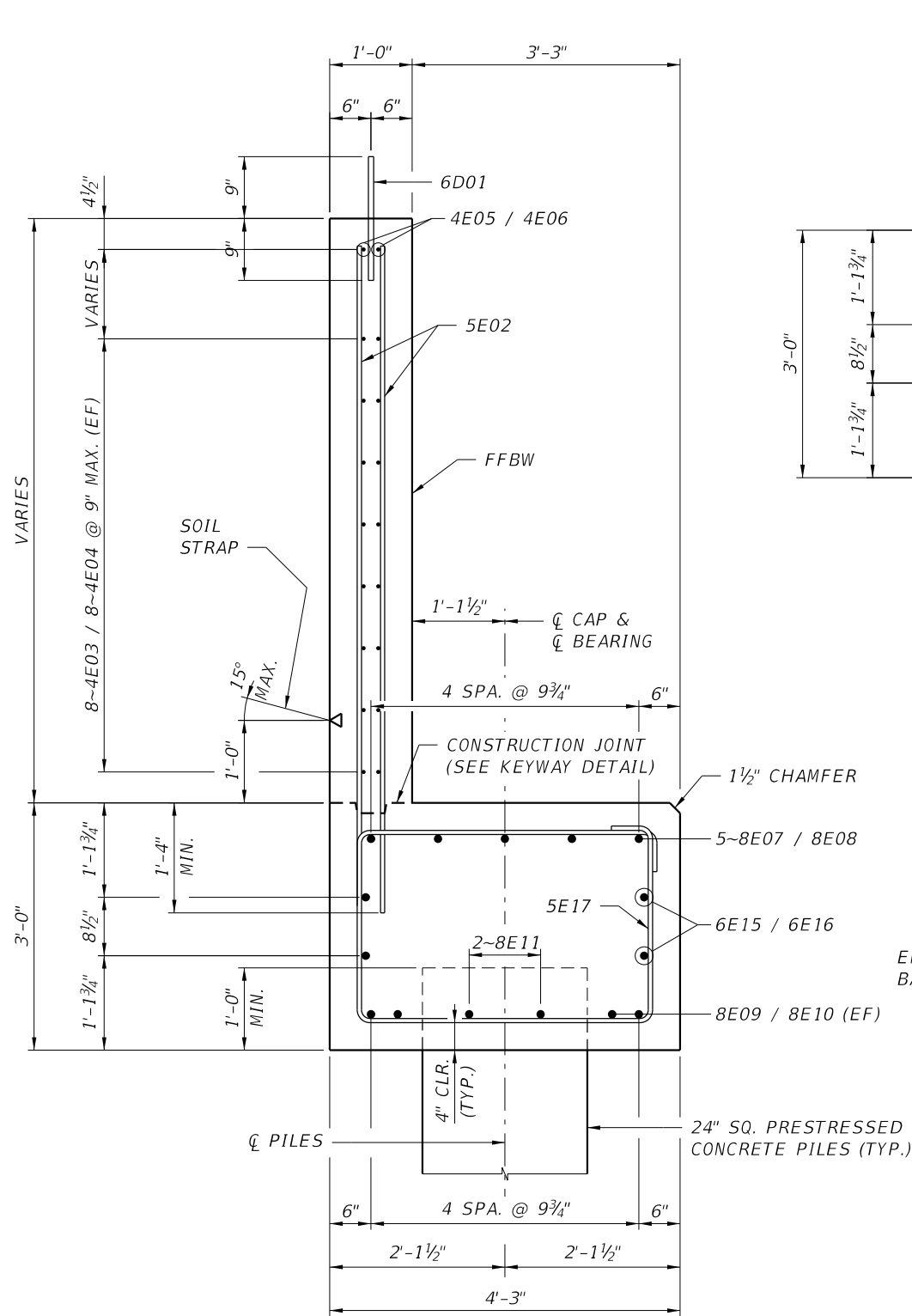
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

TABLE OF ELEV. END BENT 1	
POINT	ELEV.
A	23.700
B	23.123
C	23.043
D	16.170
E	13.170
F	13.170
G	23.361
H	23.523
J	23.281
K	23.443

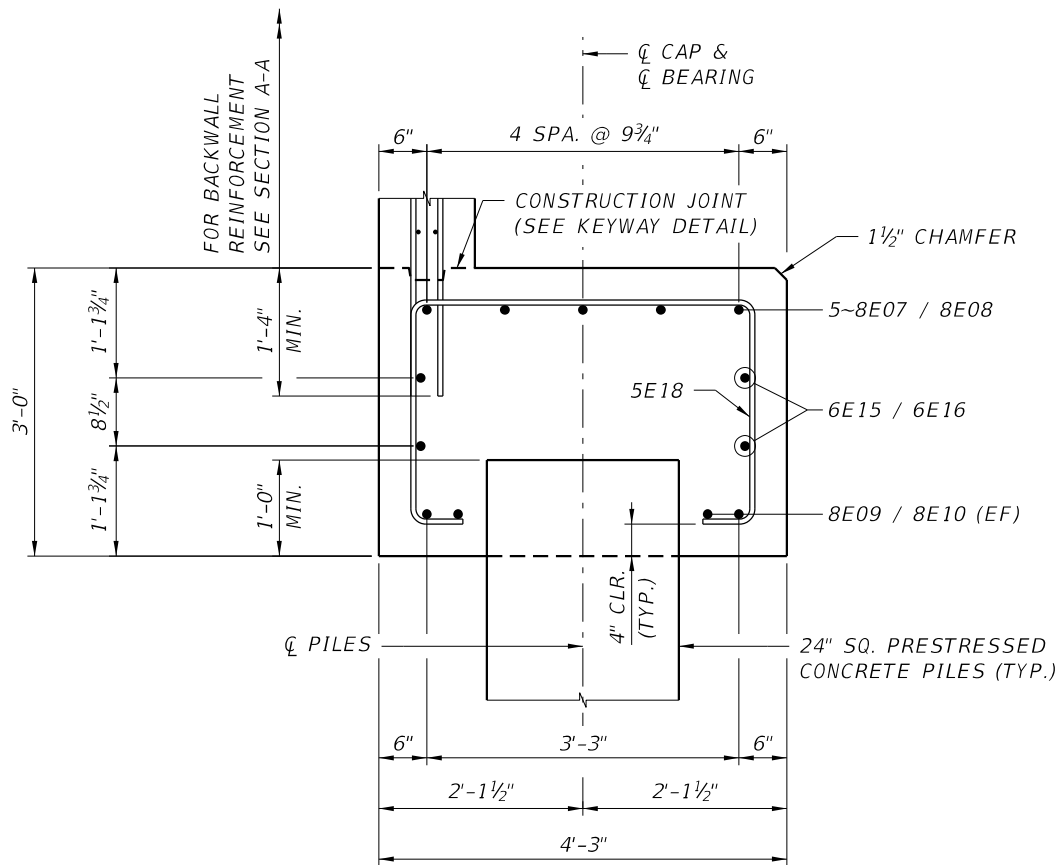


REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: ARF 04-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: END BENT 15		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: JHJ 03-21						
							DESIGNED BY: JHJ 04-20	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		SHEET NO.
							CHECKED BY: SKB 04-20	CR 865	LEE	CN160002			B1-35

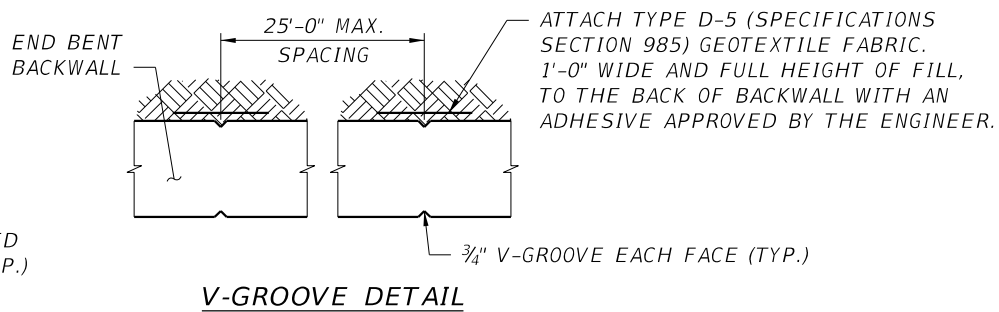
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



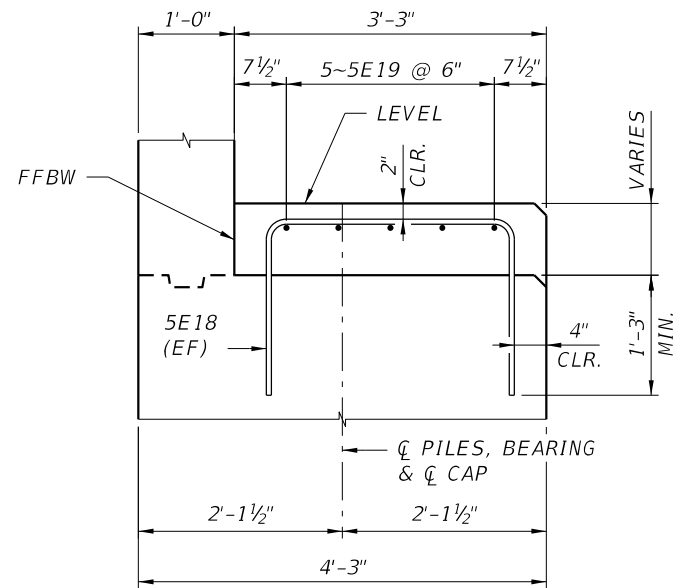
SECTION A-A
(PEDESTAL AND SHEAR BLOCK NOT SHOWN FOR CLARITY)



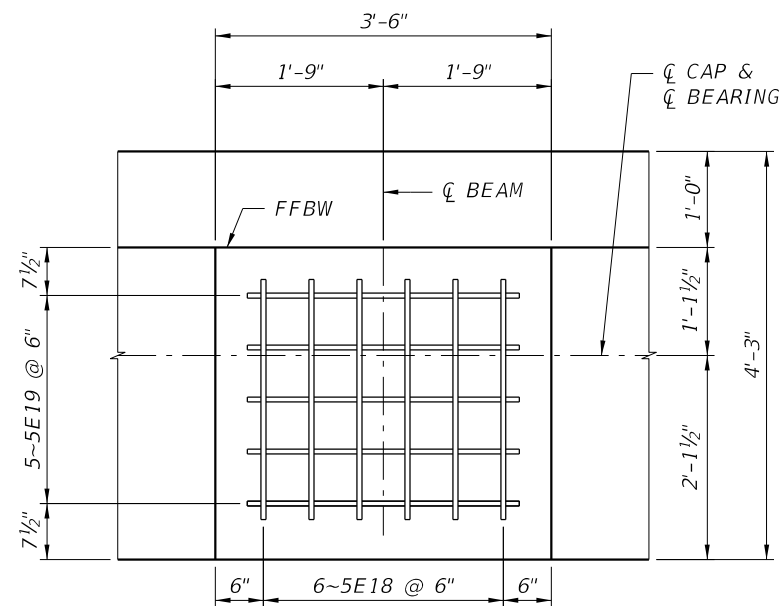
SECTION B-B
(PEDESTAL NOT SHOWN FOR CLARITY)



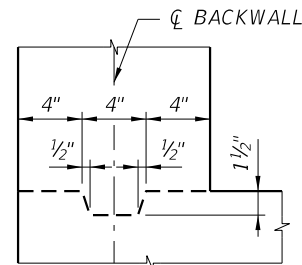
NOTE:
SOIL REINFORCEMENT STRAPS ARE TO RESIST A LATERAL FORCE OF 6.39 KIPS PER FOOT OF BACKWALL (SERVICE) AND 8.93 KIPS PER FOOT OF BACKWALL (FACTORED). THE SOIL REINFORCEMENT ATTACHED TO THE BACKWALL SHALL BE DESIGNED BY A SPECIALTY ENGINEER FOR THE SERVICE AND FACTORED LOADS USING THE DESIGN CRITERIA FOR PERMANENT MSE WALL. COST OF FURNISHING AND INSTALLING THE SOIL REINFORCEMENT IS CONSIDERED INCIDENTAL TO THE COST OF THE END BENT.



PEDESTAL REINFORCEMENT - SECTION



PEDESTAL REINFORCEMENT - PLAN

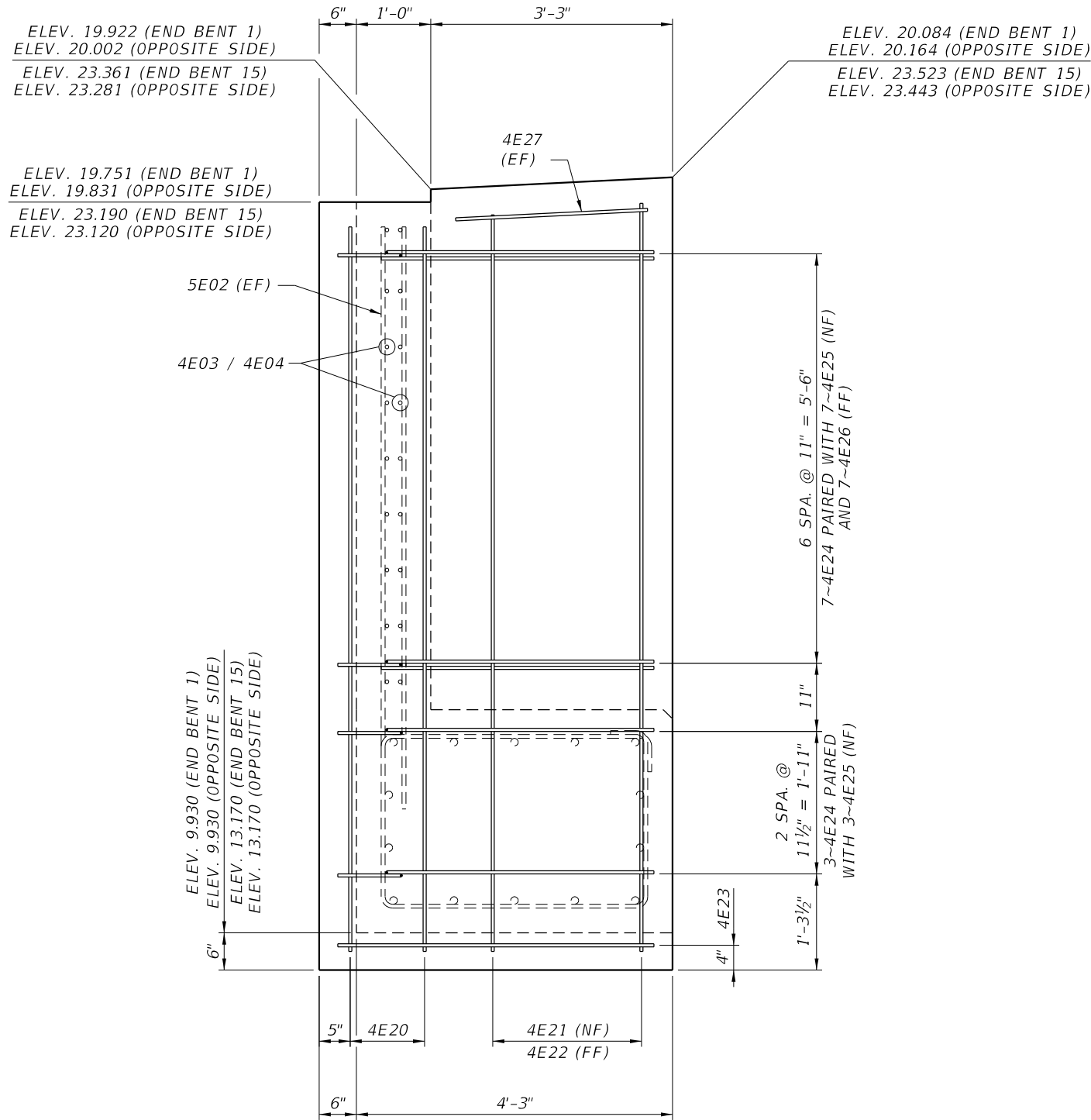


KEYWAY DETAIL

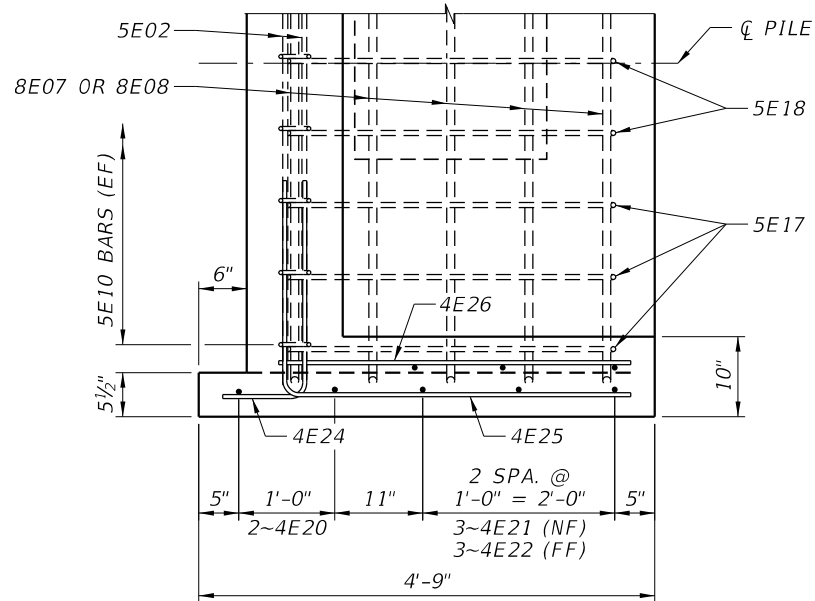
BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: ARF 04-20 CHECKED BY: JHJ 04-21 DESIGNED BY: JHJ 04-20 CHECKED BY: SKB 04-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						END BENT DETAILS (1 OF 2)		
								ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:		SHEET NO.
								CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		B1 - 36

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



VIEW C-C



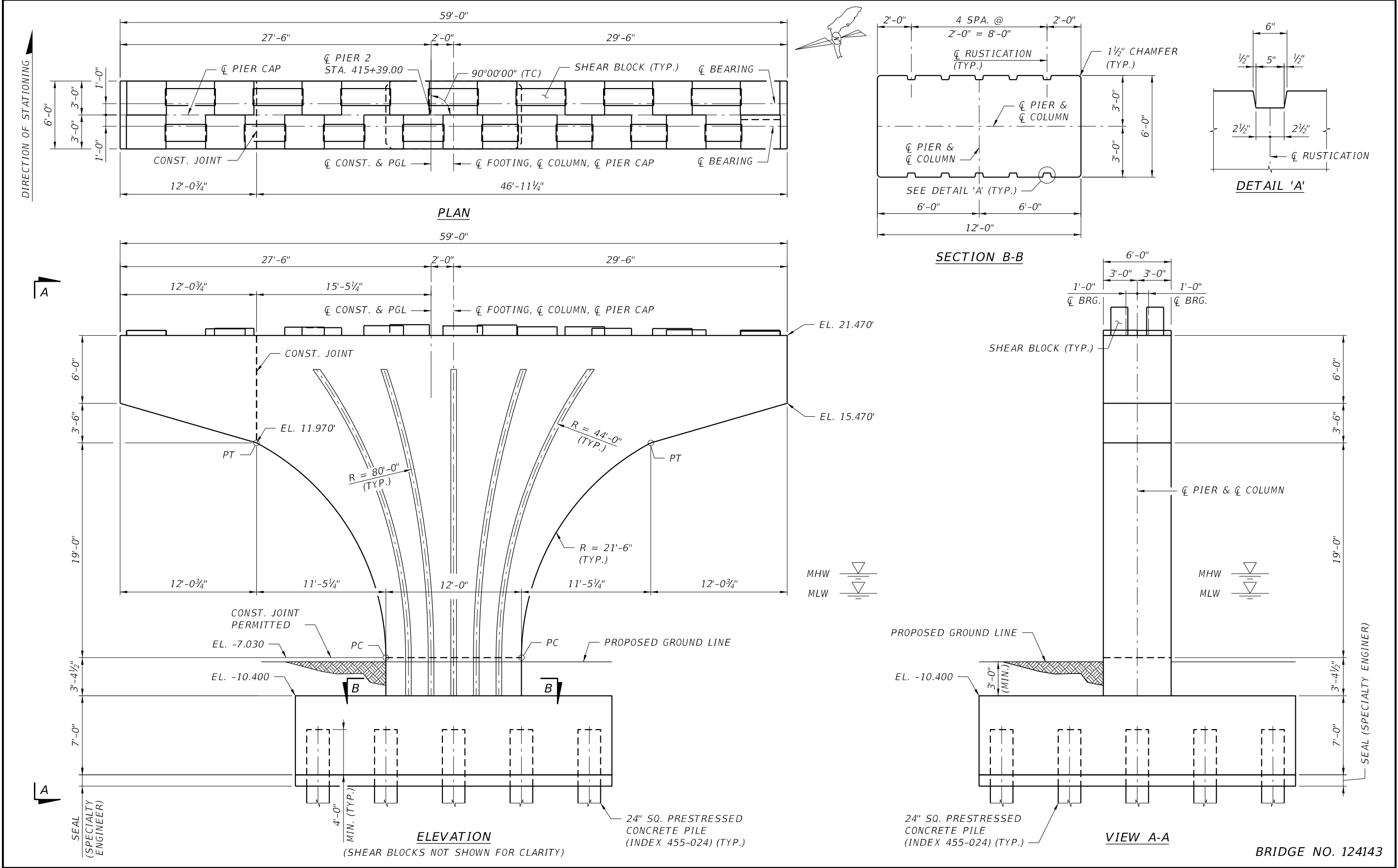
SECTION D-D

NOTE:
END BENT CHEEKWALLS ON THE OPPOSITE SIDE FROM VIEW C-C ARE
SIMILAR TO VIEW C-C FOR BOTH END BENT 1 AND END BENT 15.

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: ARF 04-20 CHECKED BY: JHJ 04-21 DESIGNED BY: JHJ 04-20 CHECKED BY: SKB 04-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: END BENT DETAILS (2 OF 2)		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1 - 37	
								CR 865	LEE	CN160002			

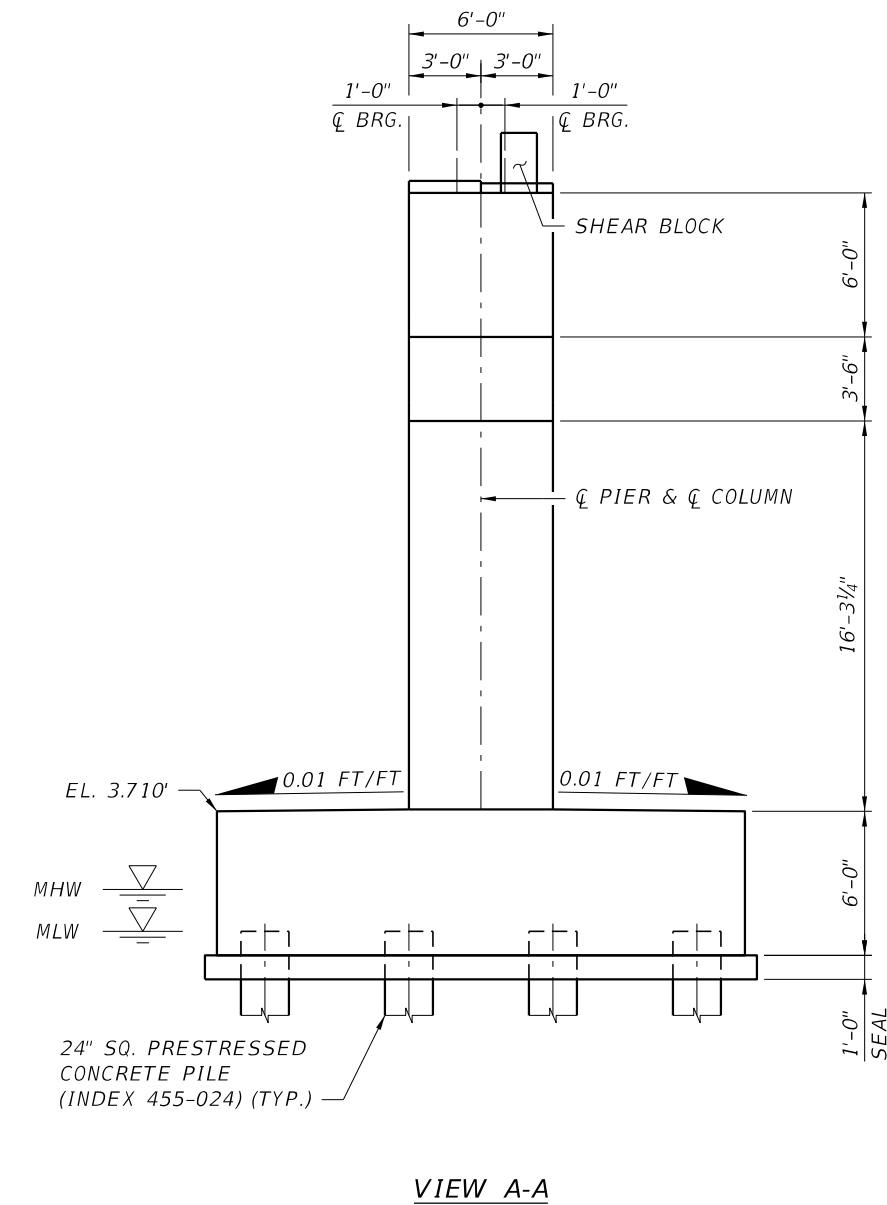
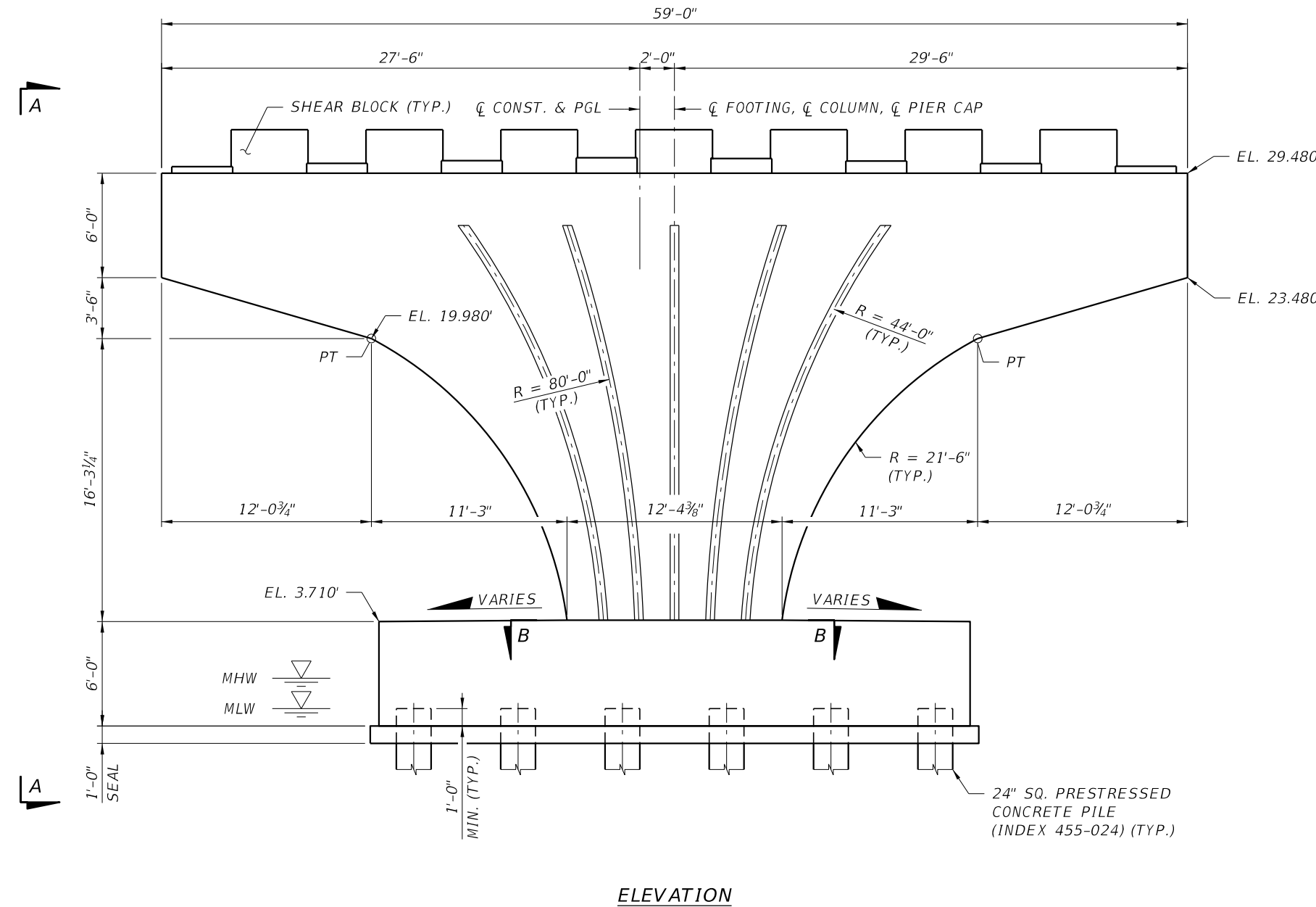
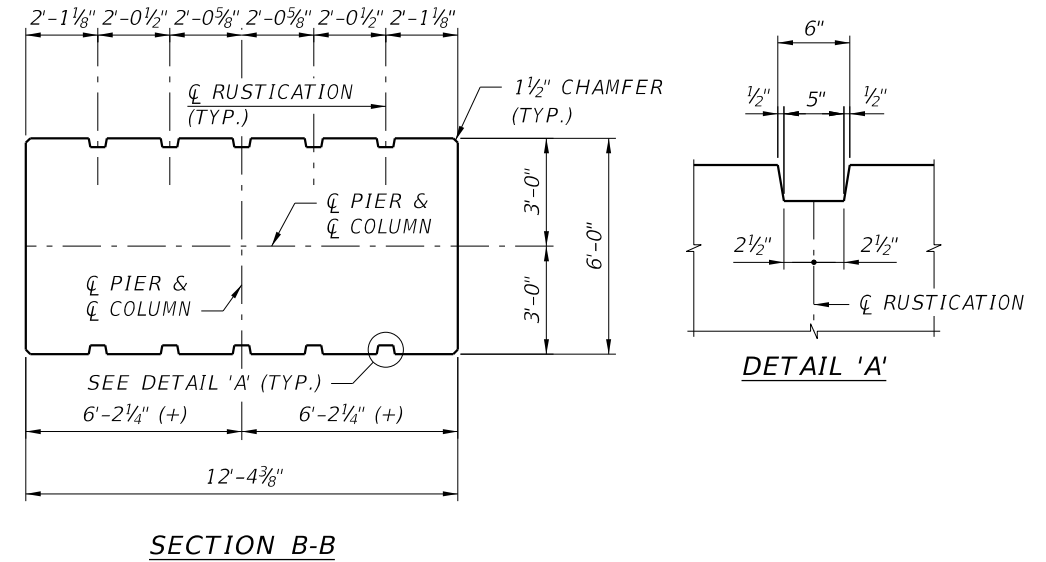
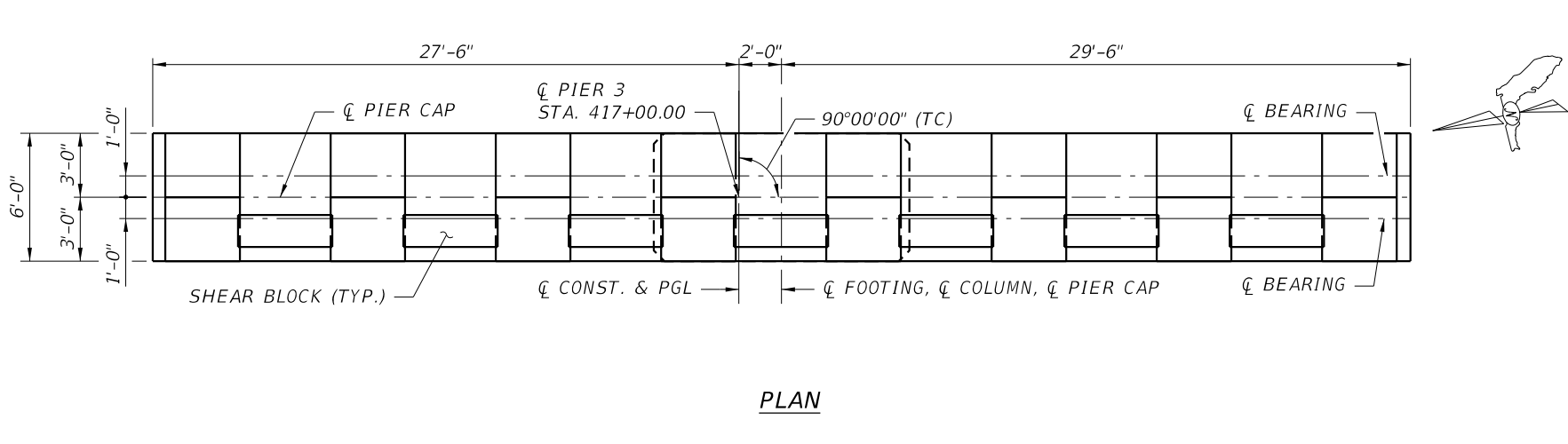
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS						<i>Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610</i>	DRAWN BY: SKB 10-19			LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: <i>PIER GEOMETRY PIER 2</i>		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: JHJ 04-21								
							DESIGNED BY: SKB XX-XX			ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME: <i>ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS</i>		SHEET NO. <i>B1-38</i>
							CHECKED BY: PDM 03-20			<i>CR 865</i>	<i>LEE</i>	<i>CN160002</i>			

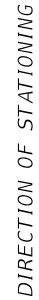
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

DIRECTION OF STATIONING



REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-19 CHECKED BY: JHJ 04-21 DESIGNED BY: SKB 10-19 CHECKED BY: PDM 03-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: PIER GEOMETRY PIER 3		REF. DWG. NO.	
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION									
									ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		SHEET NO.
								CR 865	LEE	CN160002	B1 - 39			

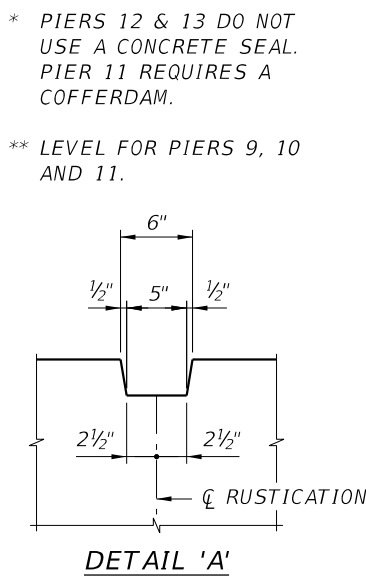
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



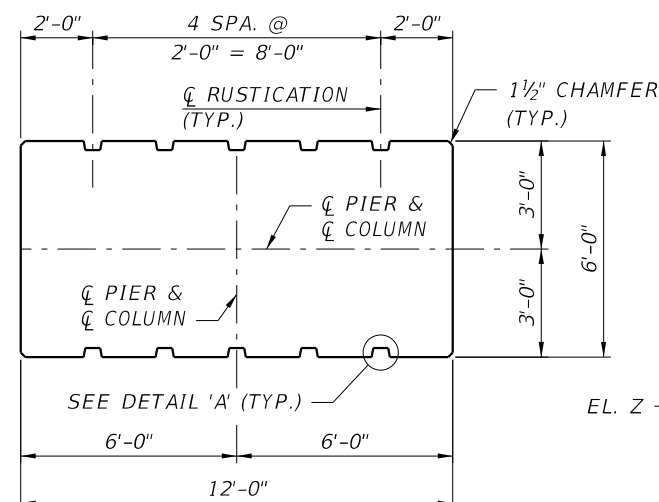
PLAN



SECTION B-B



DETAIL 'A'



6'-0"

3'-0" 3'-0"

1'-0" 1'-0"

CL BRG. CL BRG.

CL PIER & CL COLUMN

6'-0"

3'-6"

19'-0"

1'-0"

** 0.01 FT/FT ** 0.01 FT/FT

VIEW A-A

SEAL

VIEW A-A

TABLE OF VARIABLES					TABLE OF ELEVATIONS				
'X'	'Y'	'H'	'P'	'Z'	EL. A	EL. B	EL. C	EL. D	EL. Z
4	418+61.00	5'-3 $\frac{7}{8}$ "	1'-0"	6'-0"	37.530	31.530	28.030	9.030	3.710
5	420+22.00	13'-4 $\frac{1}{8}$ "	1'-0"	6'-0"	45.550	39.550	36.050	17.050	3.710
6	421+83.00	21'-4 $\frac{1}{2}$ "	1'-0"	7'-0"	53.590	47.590	44.090	25.090	3.710
7	423+44.00	27'-9 $\frac{3}{4}$ "	1'-0"	7'-0"	60.020	54.020	50.520	31.520	3.710
8	425+05.00	30'-4 $\frac{1}{2}$ "	4'-0"	7'-0"	62.590	56.590	53.090	34.090	3.710
9	426+66.00	24'-9 $\frac{5}{8}$ "	4'-0"	7'-0"	61.300	55.300	51.800	32.800	3.710
10	428+27.00	19'-9 $\frac{3}{8}$ "	1'-0"	6'-0"	56.280	50.280	46.780	27.780	3.710
11	429+88.00	11'-10 $\frac{1}{8}$ "	1'-0"	6'-0"	48.340	42.340	38.840	19.840	3.710
12	431+49.00	7'-2 $\frac{3}{4}$ "	1'-0"	6'-0"	40.230	34.230	30.730	11.730	4.500
13	433+10.00	1'-7 $\frac{7}{8}$ "	1'-0"	6'-0"	32.160	26.160	22.660	3.660	2.000

* PIERS 12 & 13 DO NOT
USE A CONCRETE SEAL.
PIER 11 REQUIRES A
COFFERDAM.

** LEVEL FOR PIERS 9, 10
AND 11.

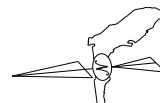
24" SQ. PRESTRESSED
CONCRETE PILE
(INDEX 455-024) (TYP.)

(SHEAR BLOCKS NOT SHOWN FOR CLARITY)
(SHEAR BLOCKS ONLY ON PIER 13)

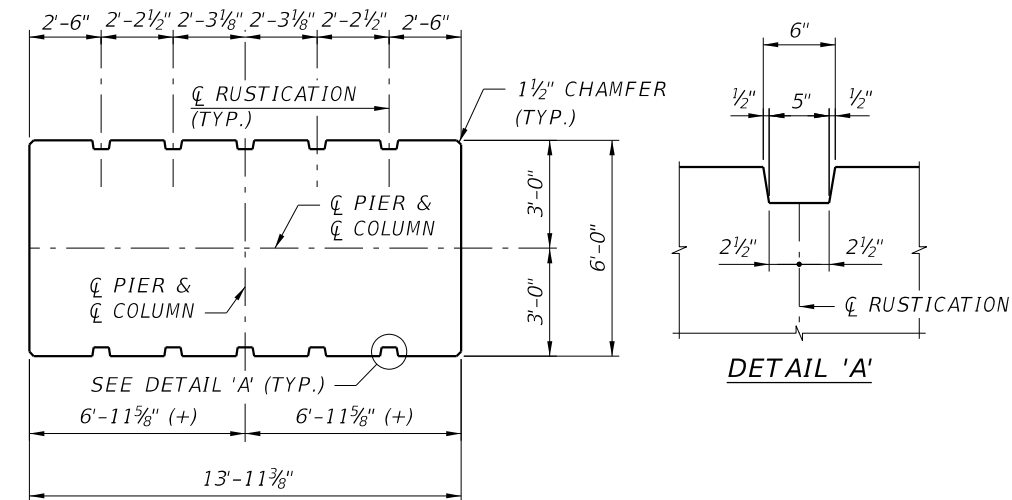
BRIDGE NO. 124143

REVISIONS						<div><div>DRAWN BY: SKB 10-19</div><div>CHECKED BY: JHJ 04-21</div><div>DESIGNED BY: SKB 10-19</div><div>CHECKED BY: PDM 03-20</div></div> <div><div>Kisinger Campo & Associates Corp.</div><div>201 N. Franklin Street</div><div>Suite 400</div><div>Tampa, FL 33602</div><div>Alfredo Jose Layrisse, PE No. 75610</div></div>	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: <div>PIER GEOMETRY</div> <div>PIERS 4 THRU 13</div>		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	COUNTY PROJECT No			
							CR 865	LEE	CN160002	PROJECT NAME: <div>ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS</div>	SHEET NO.	
										B1-40		

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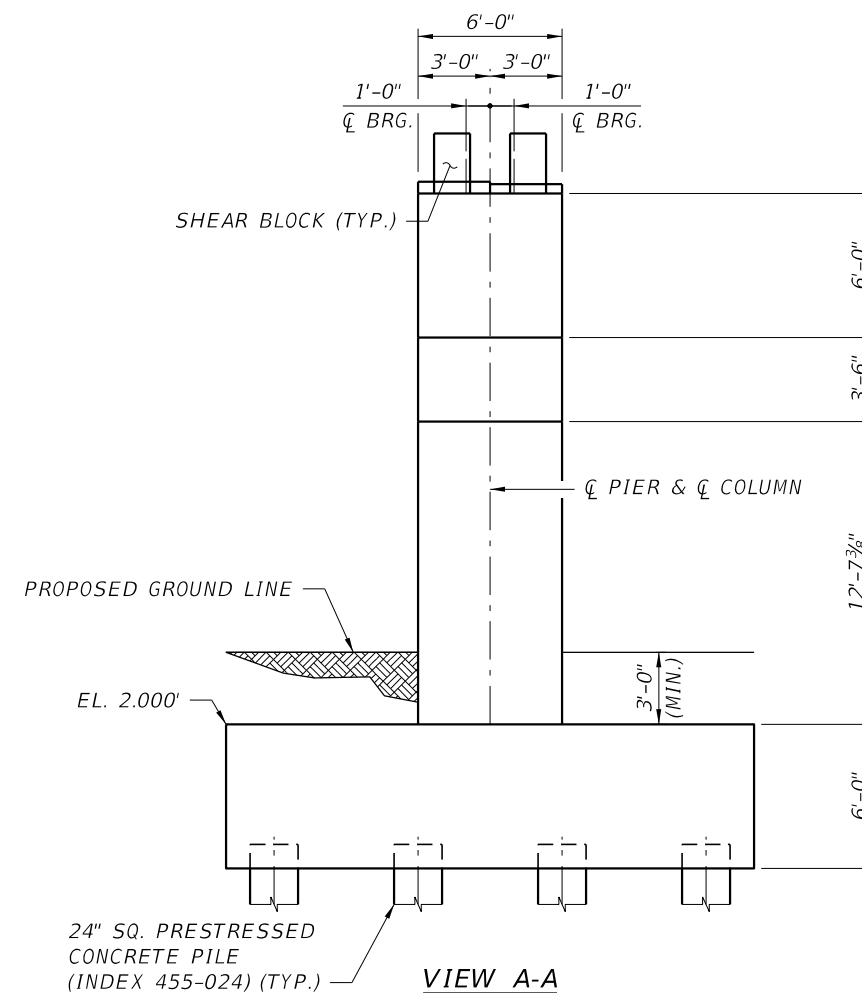
PLAN



SECTION B-B



ELEVATION

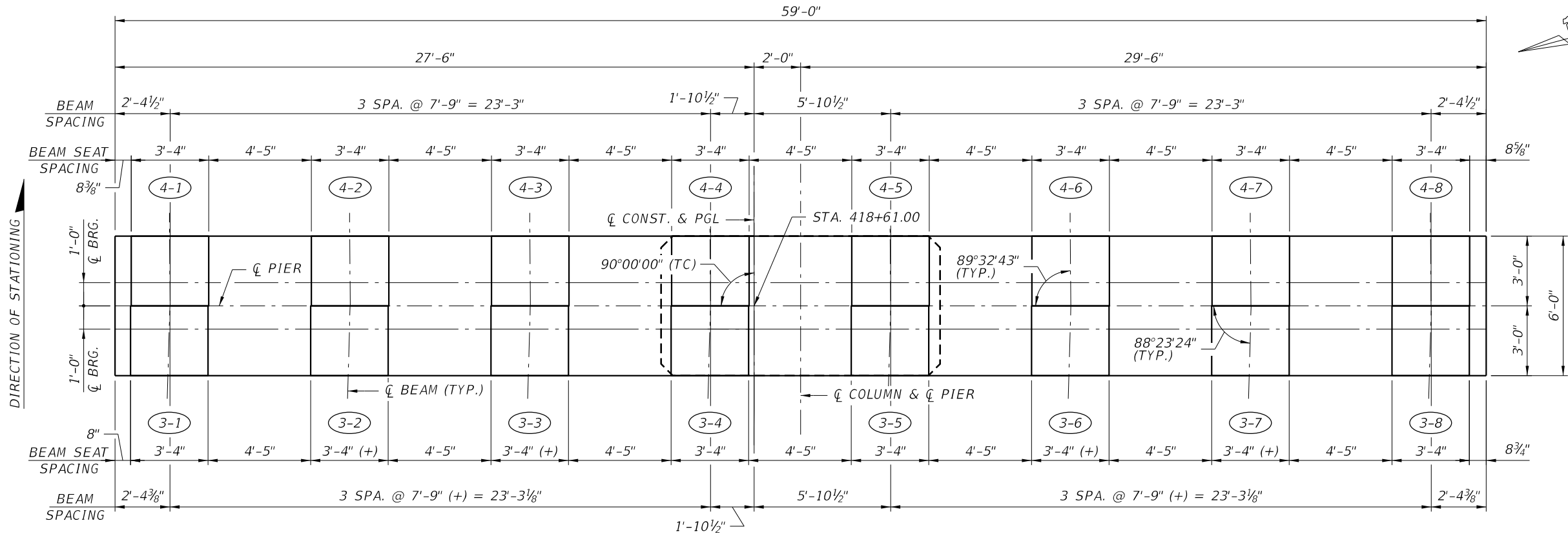


VIEW A-A

BRIDGE NO. 124143

[illegible]

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



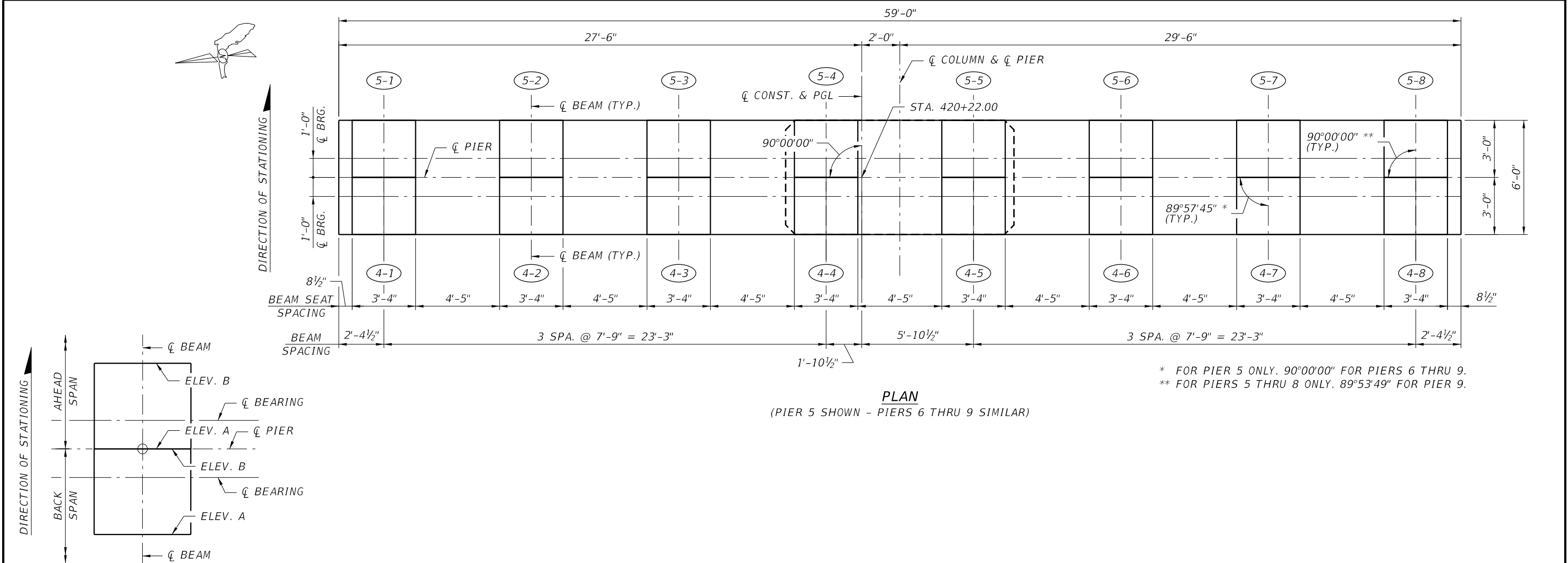
PLAN
PIER 4

PIER 4 - BEAM SEAT ELEVATIONS		
LOCATION	BEAM	ELEVATION
BACK SPAN	3-1	37.910
	3-2	38.097
	3-3	38.252
	3-4	38.418
	3-5	38.380
	3-6	38.226
	3-7	38.081
	3-8	37.926
AHEAD SPAN	4-1	38.053
	4-2	38.219
	4-3	38.374
	4-4	38.539
	4-5	38.459
	4-6	38.304
	4-7	38.149
	4-8	37.983

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-19			LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: PIER CAP PLAN PIER 4		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: JHJ 04-21								
							DESIGNED BY: SKB 10-19			ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO.	
							CHECKED BY: PDM 03-20								CR 865
														B1-43	

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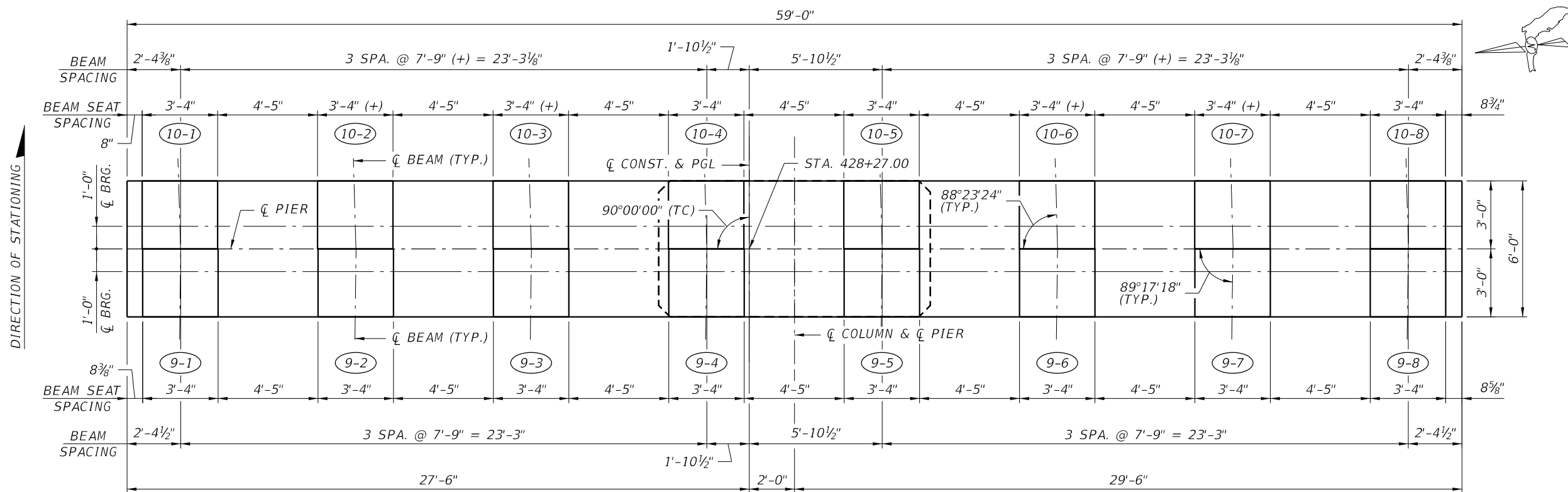


BEAM SEAT ELEVATIONS																						
LOCATION		BEAM	ELEV. A & B	LOCATION		BEAM	ELEV. A & B	LOCATION		BEAM	ELEV. A	ELEV. B	LOCATION		BEAM	ELEV. A	ELEV. B	LOCATION		BEAM	ELEV. A	ELEV. B
PIER 5 (STA 420+22.00)	BACK SPAN	4-1	46.003	PIER 6 (STA 421+83.00)	BACK SPAN	5-1	54.053	PIER 7 (STA 423+44.00)	BACK SPAN	6-1	60.481	60.481	PIER 8 (STA 425+05.00)	BACK SPAN	7-1	63.019	63.066	PIER 9 (STA 426+66.00)	BACK SPAN	8-1	61.871	61.849
		4-2	46.169			5-2	54.229			6-2	60.636	60.636			7-2	63.174	63.221			8-2	62.026	62.004
		4-3	46.324			5-3	54.384			6-3	60.791	60.791			7-3	63.329	63.376			8-3	62.181	62.159
		4-4	46.489			5-4	54.539			6-4	60.946	60.946			7-4	63.484	63.531			8-4	62.336	62.314
		4-5	46.409			5-5	54.459			6-5	60.866	60.866			7-5	63.404	63.451			8-5	62.256	62.234
		4-6	46.254			5-6	54.304			6-6	60.711	60.711			7-6	63.249	63.296			8-6	62.101	62.079
		4-7	46.099			5-7	54.149			6-7	60.556	60.556			7-7	63.094	63.141			8-7	61.946	61.924
		4-8	45.934			5-8	53.973			6-8	60.401	60.401			7-8	62.939	62.986			8-8	61.791	61.769
	AHEAD SPAN	5-1	46.103	PIER 6 (STA 421+83.00)	AHEAD SPAN	6-1	54.369	PIER 7 (STA 423+44.00)	AHEAD SPAN	7-1	60.580	60.626	PIER 8 (STA 425+05.00)	AHEAD SPAN	8-1	63.066	63.043	PIER 9 (STA 426+66.00)	AHEAD SPAN	9-1	61.761	61.761
		5-2	46.279			6-2	54.524			7-2	60.735	60.781			8-2	63.221	63.198			9-2	61.916	61.916
		5-3	46.434			6-3	54.679			7-3	60.890	60.936			8-3	63.376	63.353			9-3	62.071	62.071
		5-4	46.589			6-4	54.834			7-4	61.045	61.091			8-4	63.531	63.508			9-4	62.226	62.226
		5-5	46.509			6-5	54.754			7-5	60.965	61.011			8-5	63.451	63.428			9-5	62.146	62.146
		5-6	46.354			6-6	54.599			7-6	60.810	60.856			8-6	63.296	63.273			9-6	61.991	61.991
		5-7	46.199			6-7	54.444			7-7	60.655	60.701			8-7	63.141	63.118			9-7	61.836	61.836
		5-8	46.023			6-8	54.289			7-8	60.500	60.546			8-8	62.986	62.963			9-8	61.681	61.681

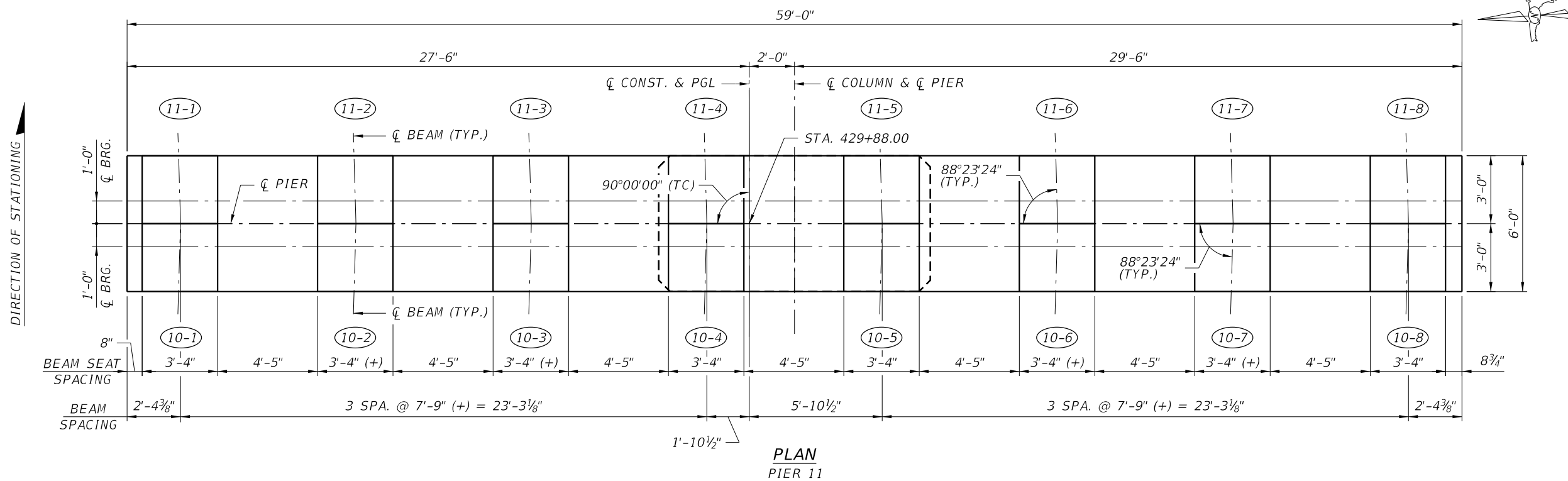
BRIDGE NO. 124143

REVISIONS						<div>Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610</div>	DRAWN BY:	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		SKB 10-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PIER CAP PLAN PIERS 5 THRU 9		
							CHECKED BY:						
							JHJ 04-21						
							DESIGNED BY:						
						SKB 10-19	CR 865	LEE	CN160002	PROJECT NAME:		SHEET NO.	
						CHECKED BY:				ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		B1-44	
						PDM 03-20							

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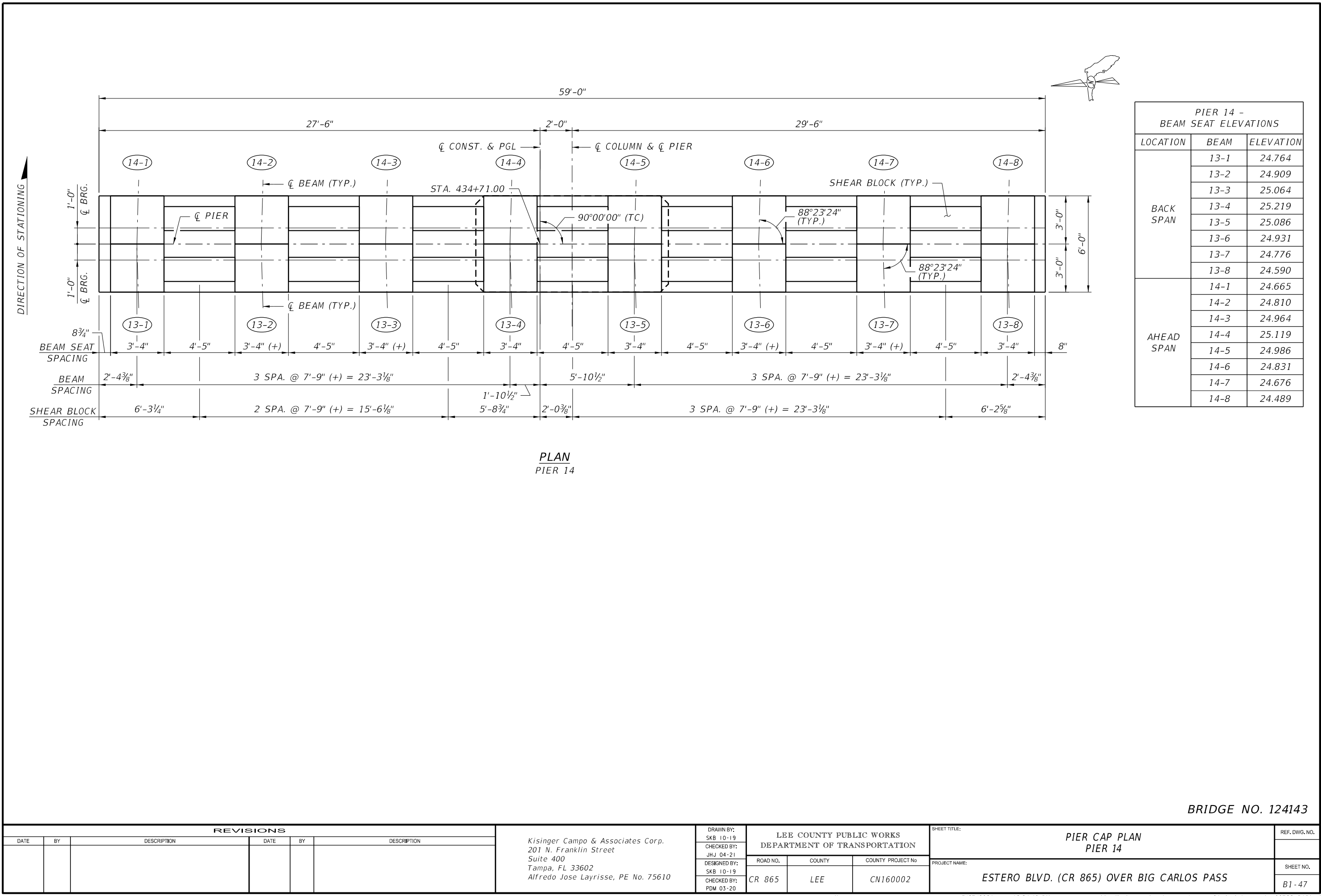
PIER 10 - BEAM SEAT ELEVATIONS		
LOCATION	BEAM	ELEVATION
BACK SPAN	9-1	56.902
	9-2	57.057
	9-3	57.212
	9-4	57.367
	9-5	57.287
	9-6	57.132
	9-7	56.977
	9-8	56.822
AHEAD SPAN	10-1	56.663
	10-2	56.850
	10-3	57.005
	10-4	57.160
	10-5	57.133
	10-6	56.978
	10-7	56.823
	10-8	56.679



PIER 11 - BEAM SEAT ELEVATIONS		
LOCATION	BEAM	ELEVATION
BACK SPAN	10-1	48.927
	10-2	49.113
	10-3	49.268
	10-4	49.423
	10-5	49.396
	10-6	49.241
	10-7	49.086
	10-8	48.941
AHEAD SPAN	11-1	48.719
	11-2	48.906
	11-3	49.061
	11-4	49.227
	11-5	49.189
	11-6	49.035
	11-7	48.890
	11-8	48.735

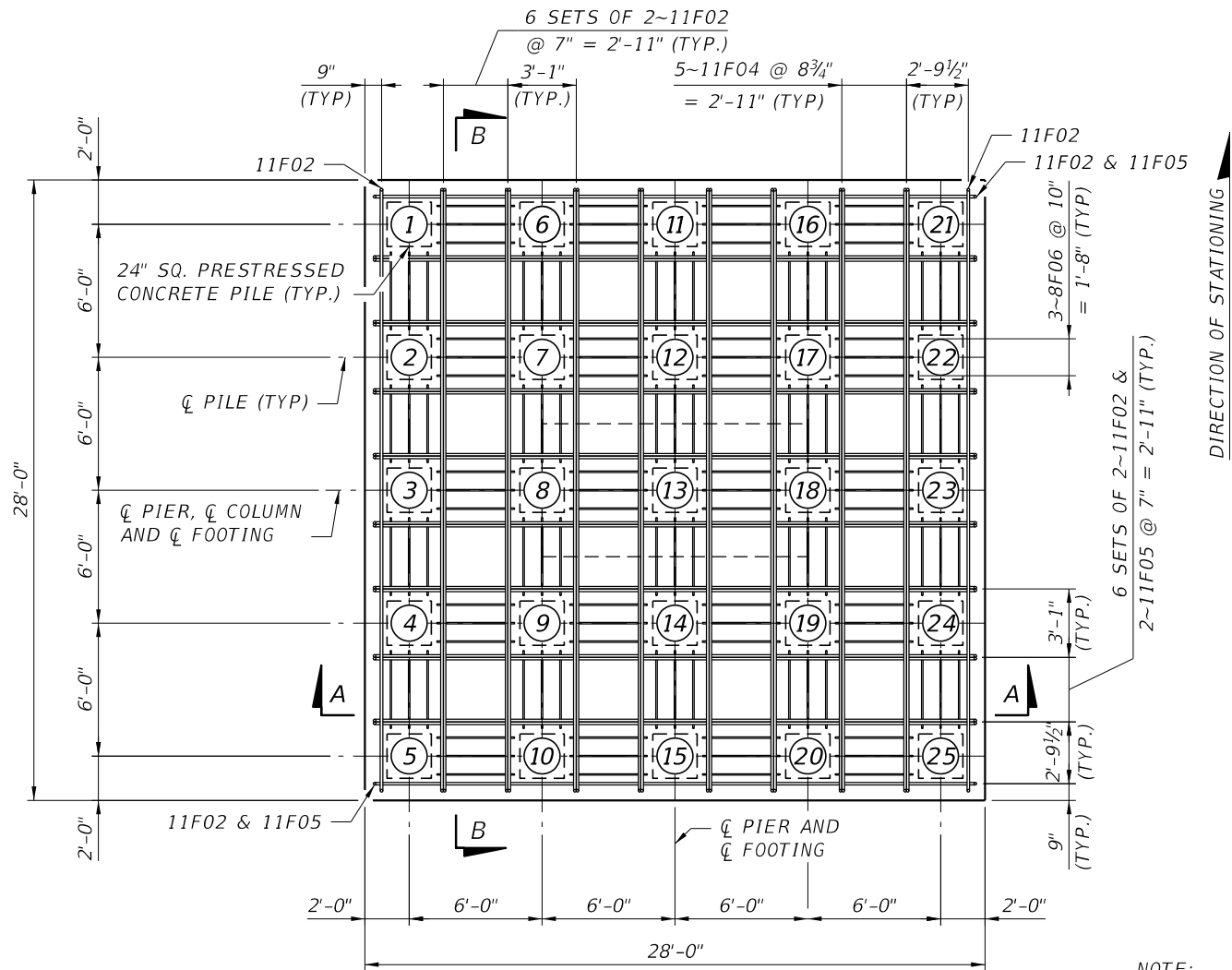
BRIDGE NO. 124143

REVISIONS						<i>Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610</i>	DRAWN BY: SKB 10-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: <i>PIER CAP PLAN PIERS 10 & 11</i>		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: JHJ 04-21						
							DESIGNED BY: SKB 10-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:		SHEET NO.
							CHECKED BY: PDM 03-20	CR 865	LEE	CN160002	<i>ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS</i>		<i>B1-45</i>



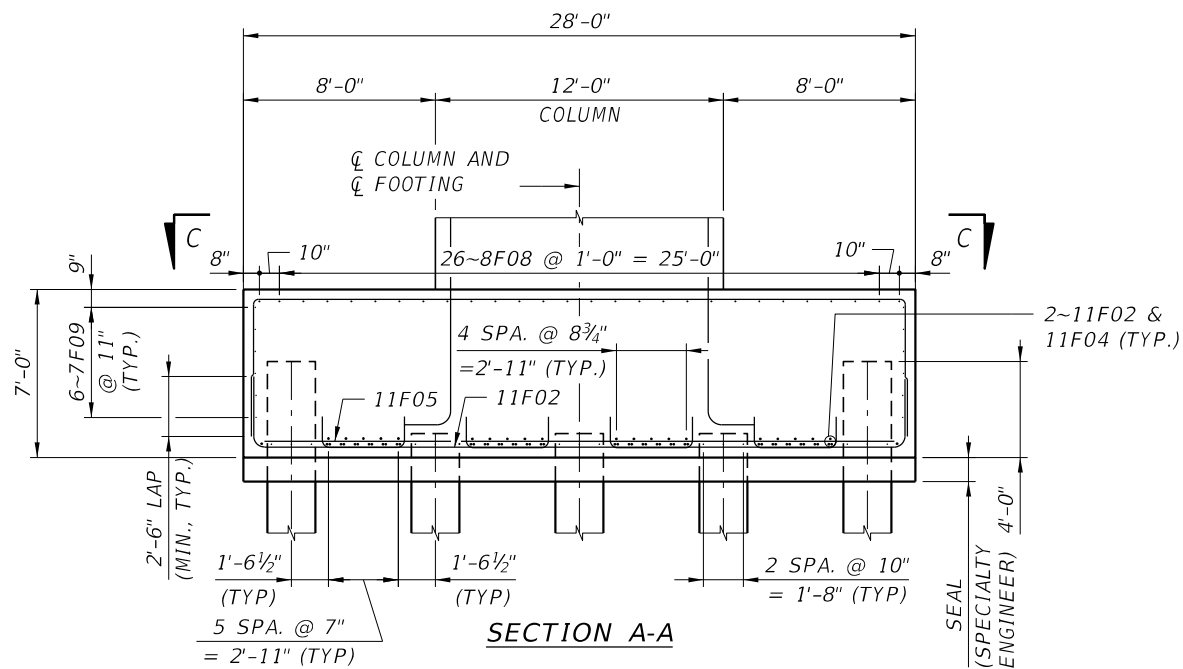
REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrissa, PE No. 75610	DRAWN BY: SKB 10-19 CHECKED BY: JHJ 04-21 DESIGNED BY: SKB 10-19 CHECKED BY: PDM 03-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: PIER CAP PLAN PIER 14		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:		SHEET NO.
								CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		B1 - 47

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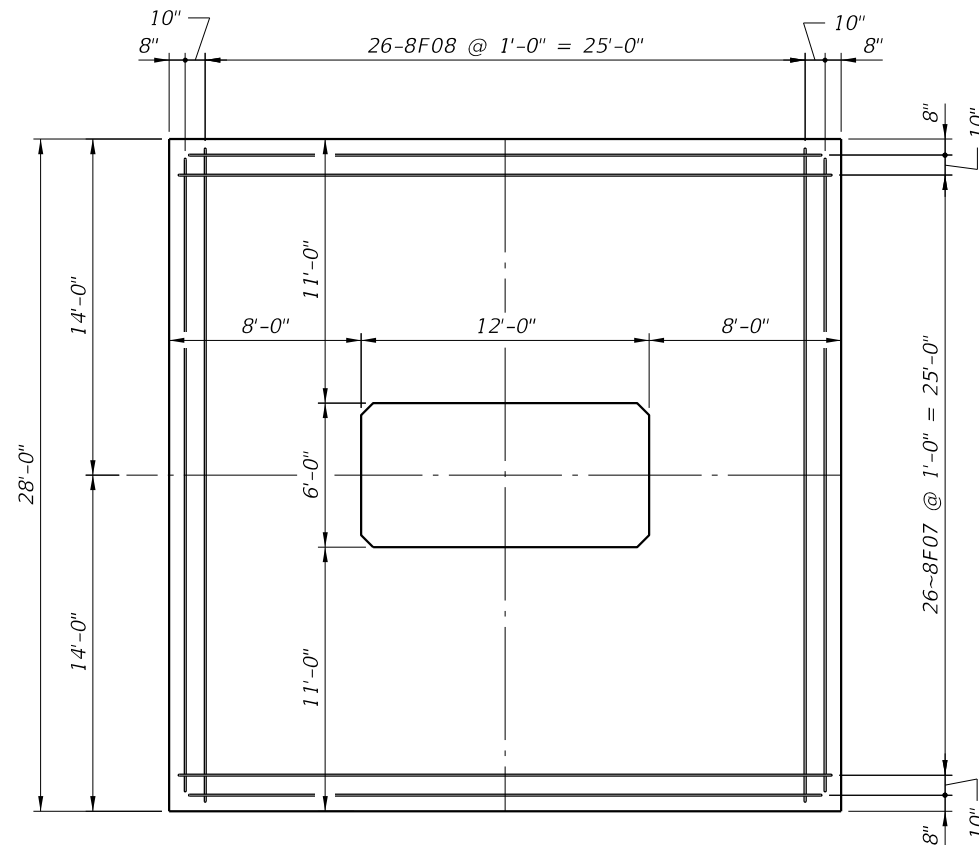


PLAN
(BOTTOM STEEL ONLY)

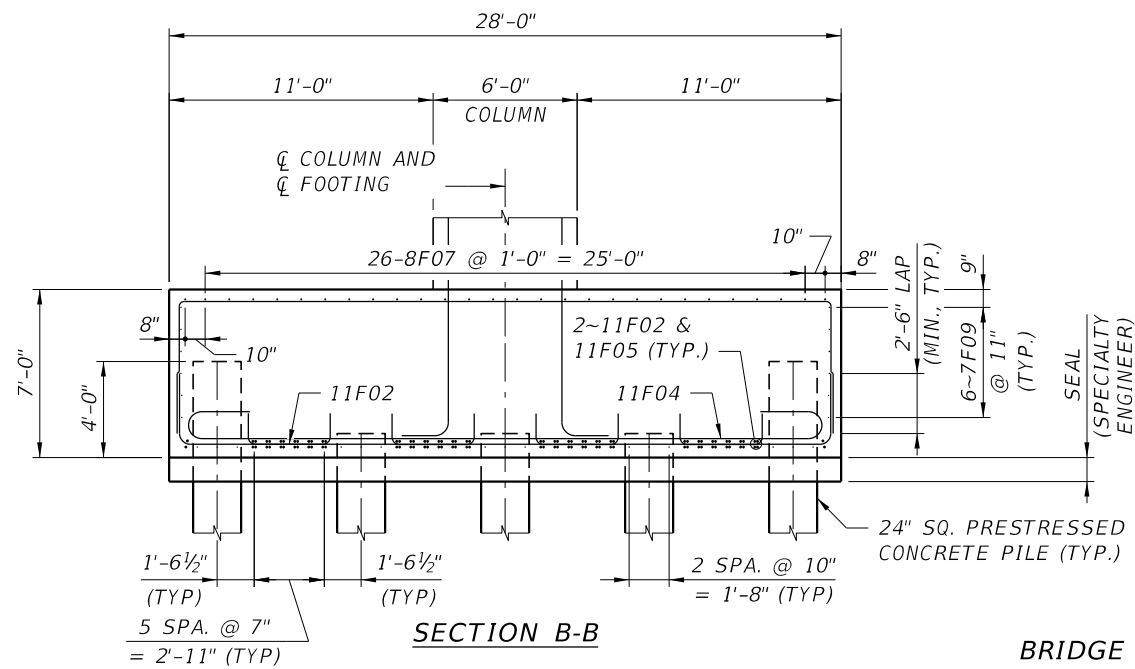
NOTE:
PILES 8, 13 AND 18 EMBEDDED 1'-0".
ALL OTHER PILES EMBEDDED 4'-0".



SECTION A-A



SECTION C-C
(TOP STEEL ONLY)

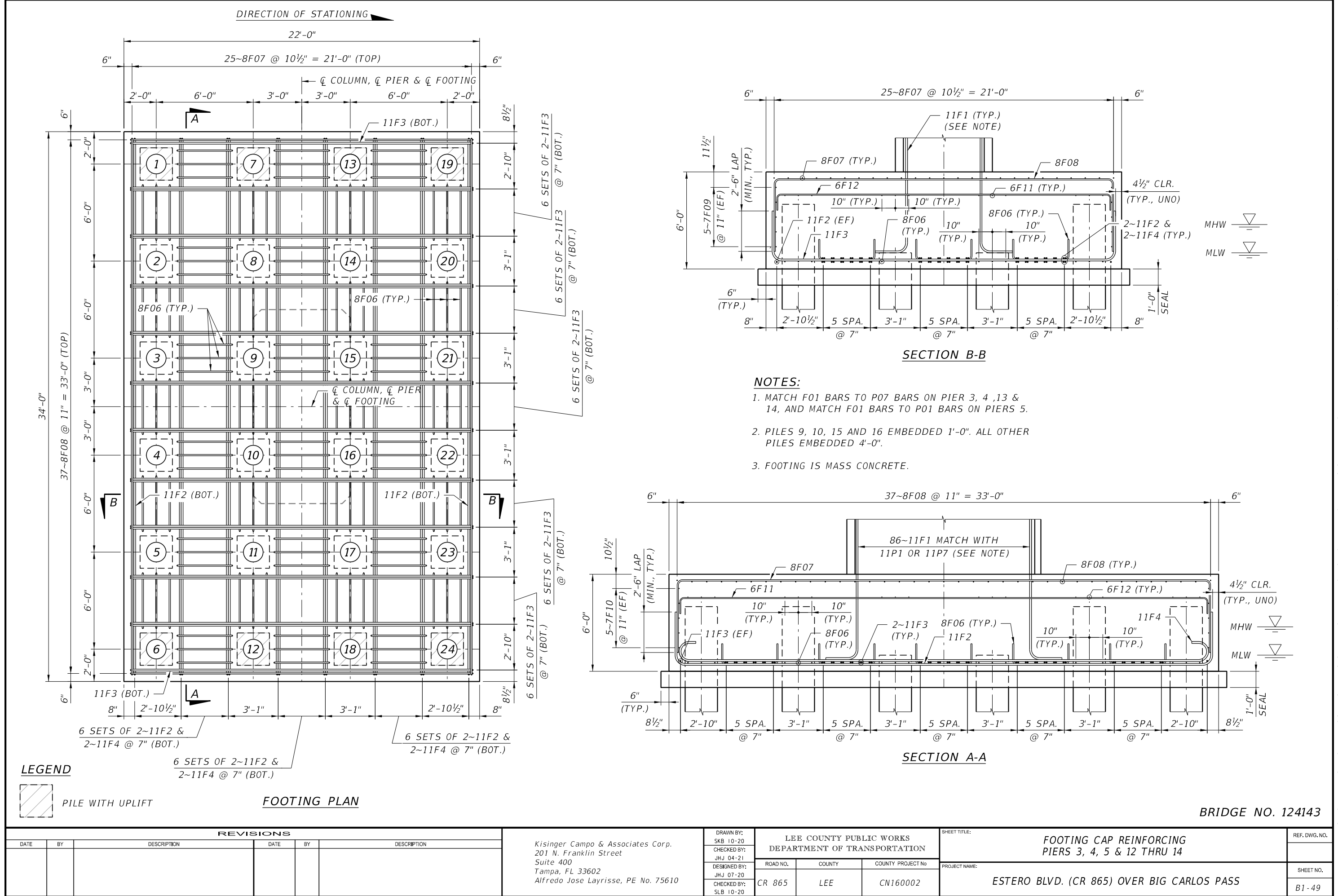


SECTION B-B

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-20 CHECKED BY: JHJ 04-21 DESIGNED BY: JHJ 07-20 CHECKED BY: SKB 10-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: FOOTING CAP REINFORCING PIER 2	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN160002		
											PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1 - 48

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEGEND

 PILE WITH UPLIFT

FOOTING PLAN

SECTION B-B

NOTES:

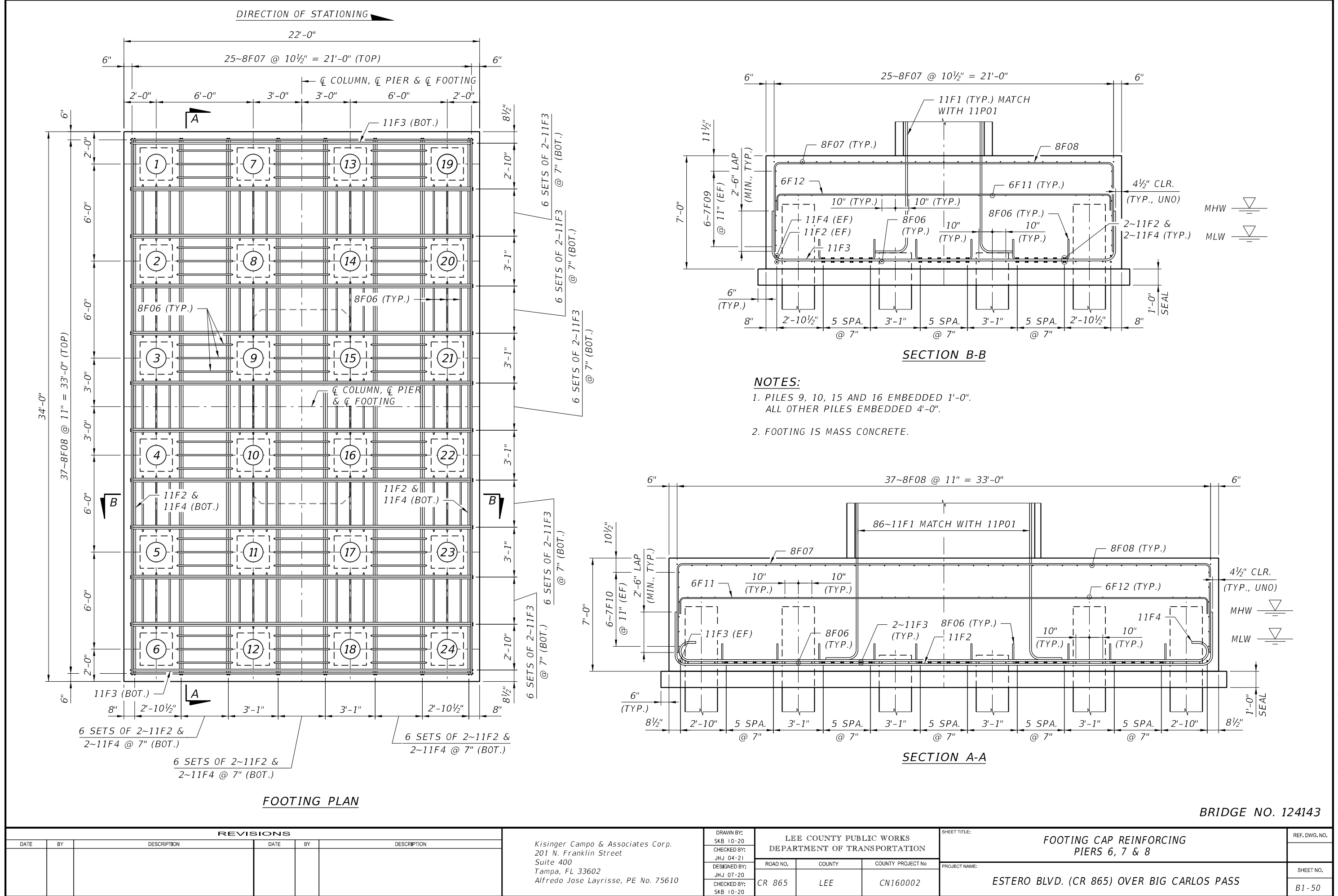
1. MATCH F01 BARS TO P07 BARS ON PIER 3, 4, 13 & 14, AND MATCH F01 BARS TO P01 BARS ON PIERS 5.
2. PILES 9, 10, 15 AND 16 EMBEDDED 1'-0". ALL OTHER PILES EMBEDDED 4'-0".
3. FOOTING IS MASS CONCRETE.

SECTION A-A

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: FOOTING CAP REINFORCING PIERS 3, 4, 5 & 12 THRU 14		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: JHJ 04-21				PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		
							DESIGNED BY: JHJ 07-20	ROAD NO.	COUNTY	COUNTY PROJECT No		SHEET NO.	
							CHECKED BY: SLB 10-20	CR 865	LEE	CN160002		B1 - 49	

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

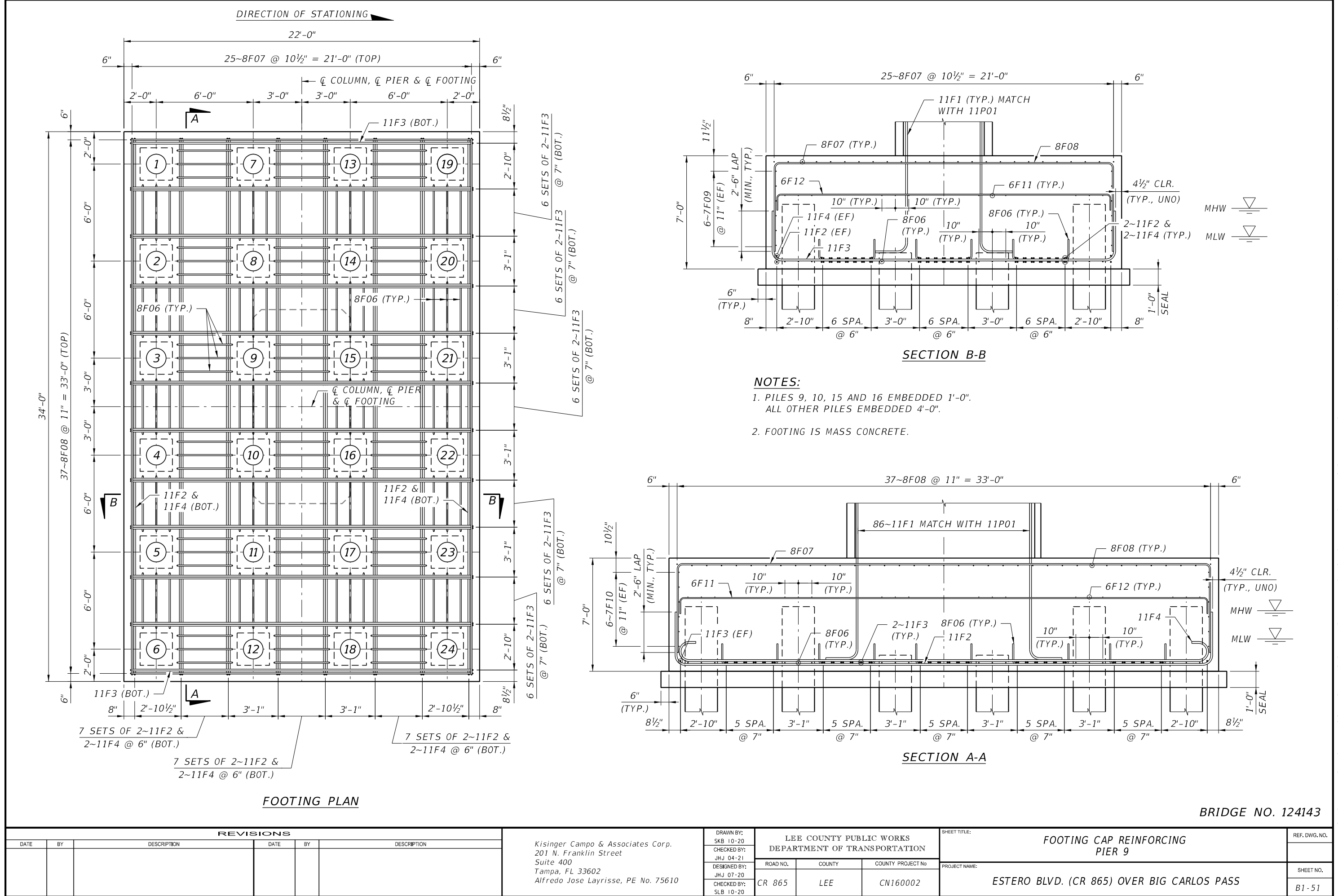


REVISIONS						DRAWN BY: SKB 10-20	CHECKED BY: JHJ 04-21	DESIGNED BY: JHJ 07-20	CHECKED BY: SKB 10-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-50
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					ROAD NO.	COUNTY	COUNTY PROJECT No		
										CR 865	LEE	CN160002		

Kisinger Campo & Associates Corp.
201 N. Franklin Street
Suite 400
Tampa, FL 33602
Alfredo Jose Layrisse, PE No. 75610

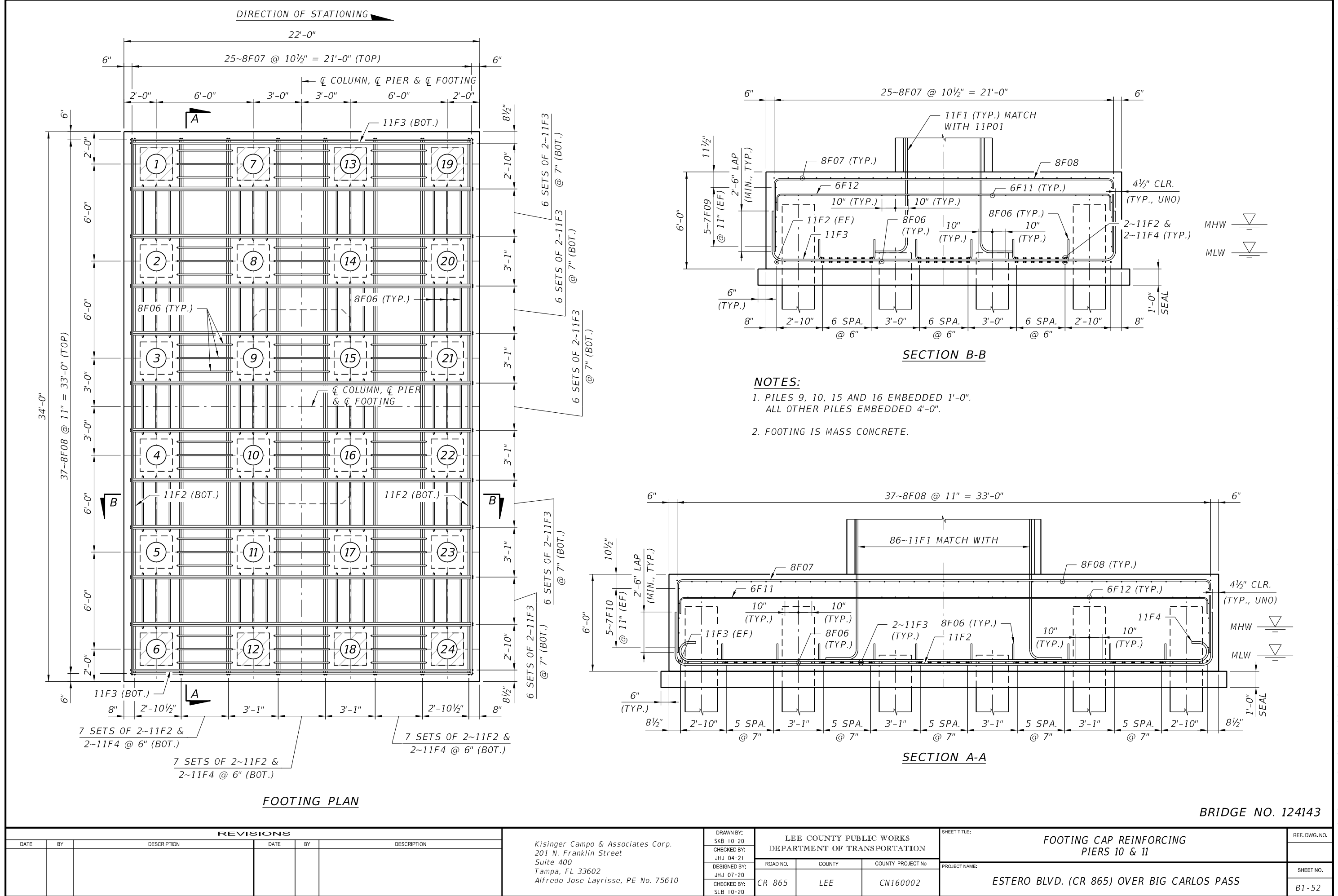
5/27/2021
12:34:58 PM
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NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



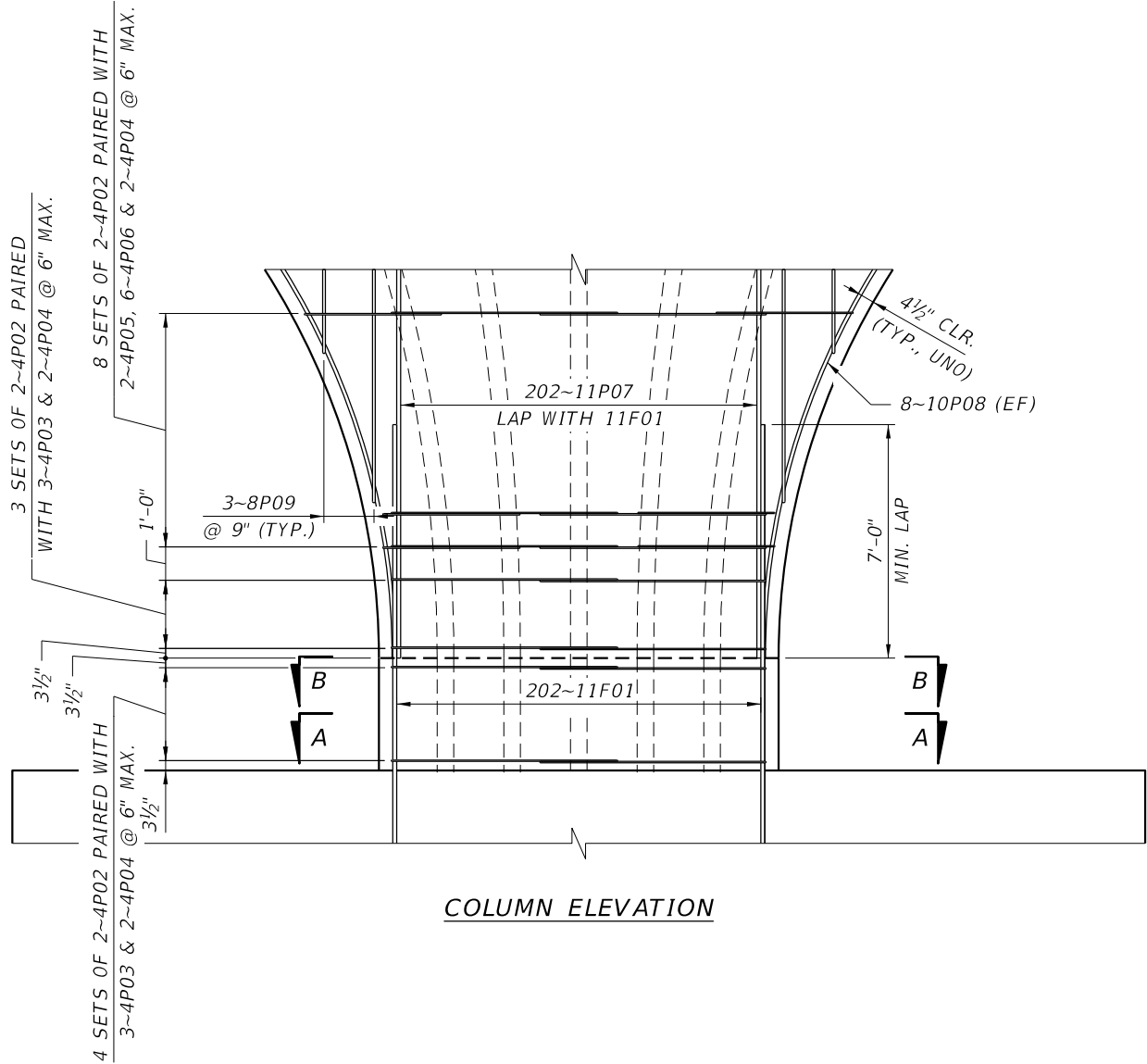
REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-20 CHECKED BY: JHJ 04-21 DESIGNED BY: JHJ 07-20 CHECKED BY: SLB 10-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			FOOTING CAP REINFORCING PIER 9		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:		SHEET NO.
								CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		B1-51

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

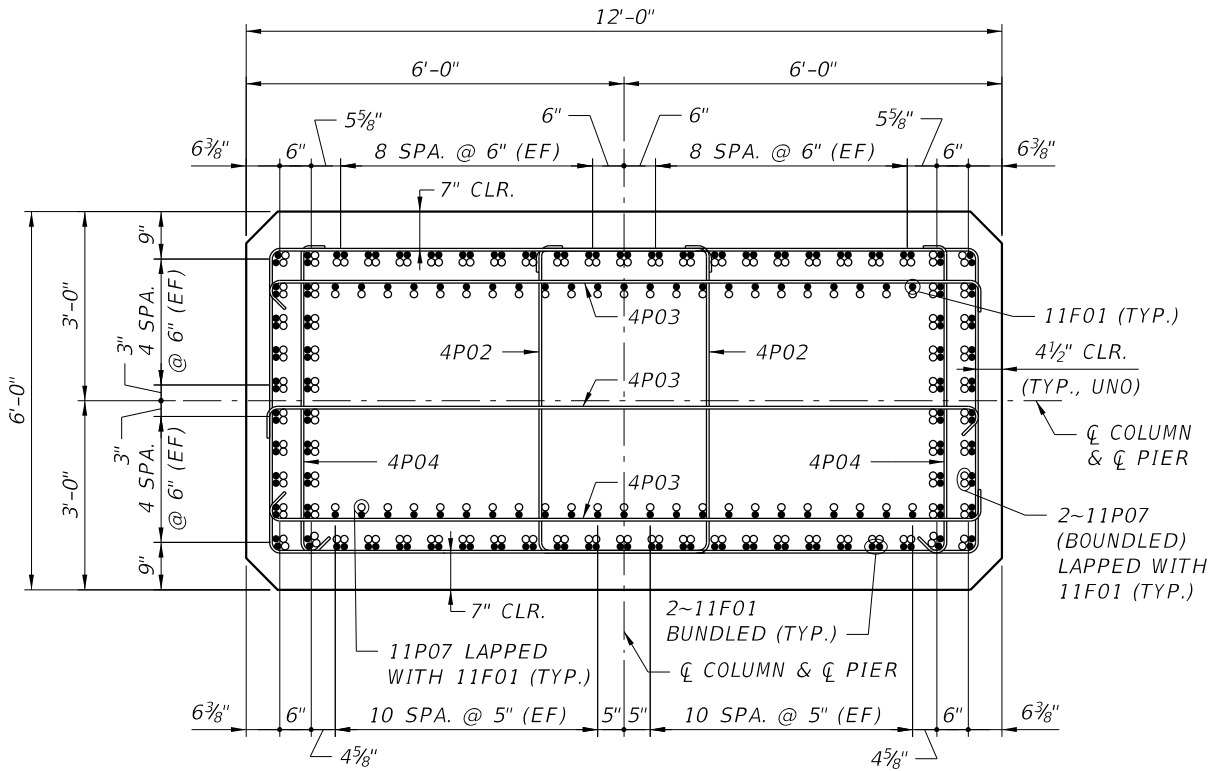


REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: FOOTING CAP REINFORCING PIERS 10 & 11	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: JHJ 04-21	ROAD NO. CR 865	COUNTY LEE	COUNTY PROJECT No CN160002	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	
							CHECKED BY: SLB 10-20					SHEET NO. B1-52

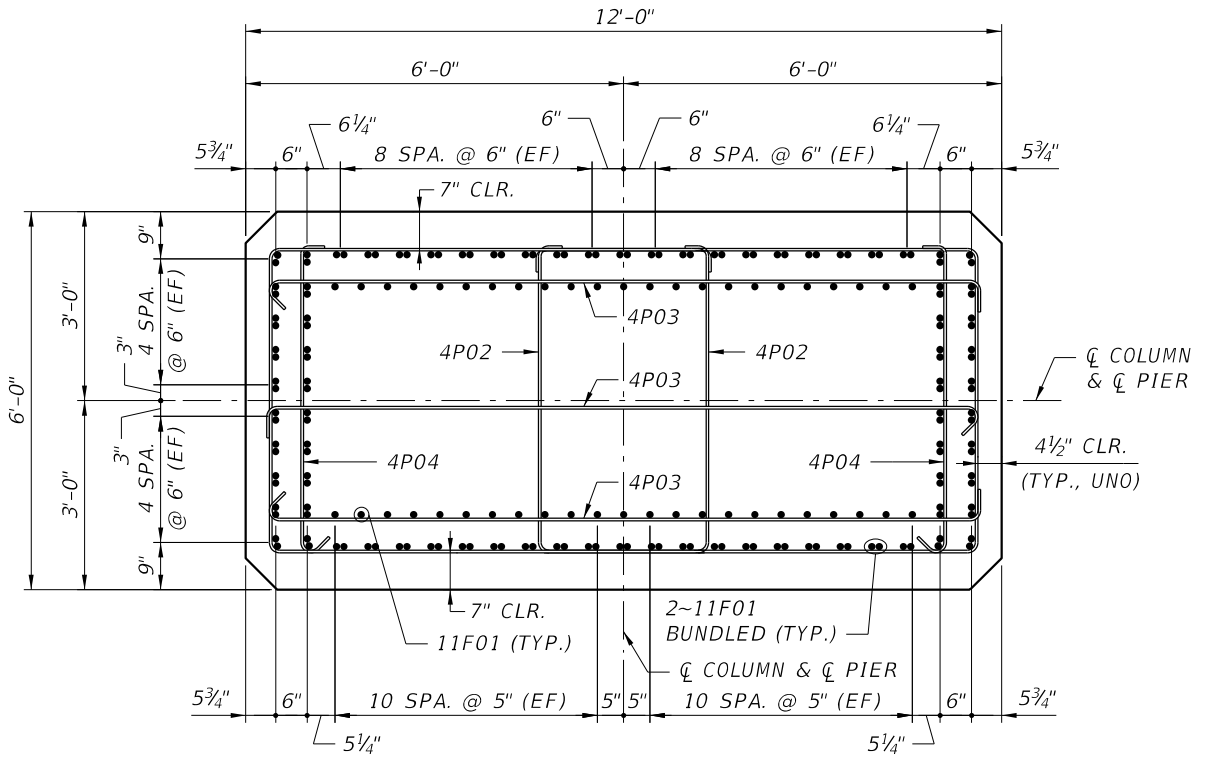
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



COLUMN ELEVATION



SECTION B-B

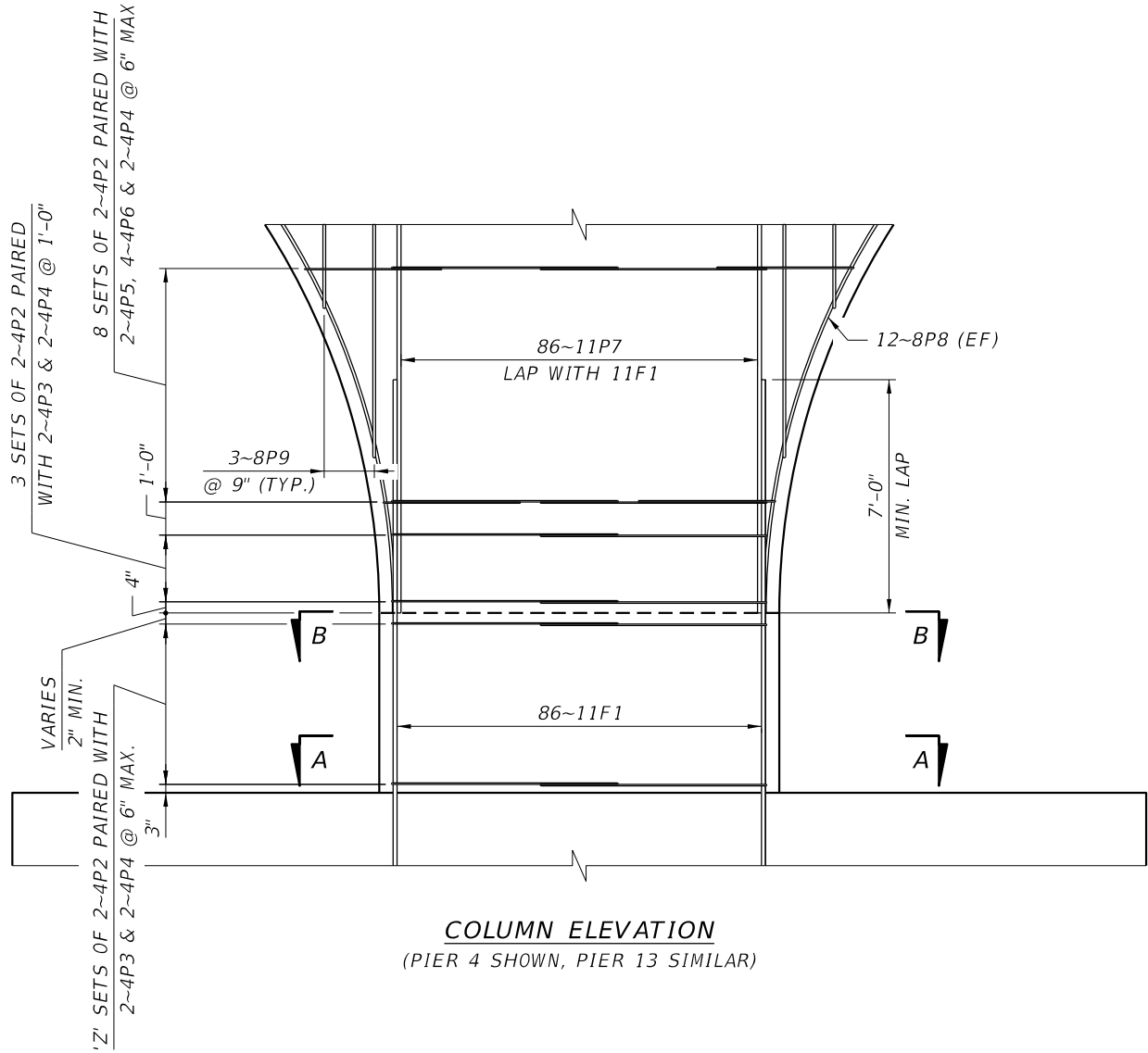


SECTION A-A

BRIDGE NO. 124143

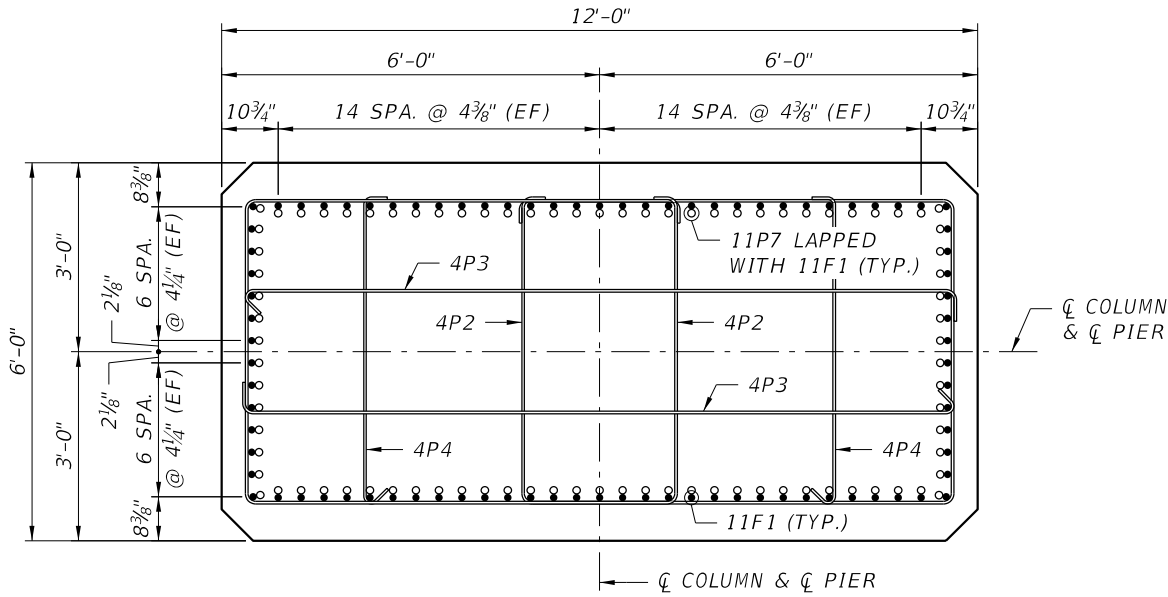
REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: COLUMN REINFORCING PIER 2		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: JHJ 04-21						
							DESIGNED BY: JHJ 07-20	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:		SHEET NO.
							CHECKED BY: SKB 10-20	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		B1-53

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

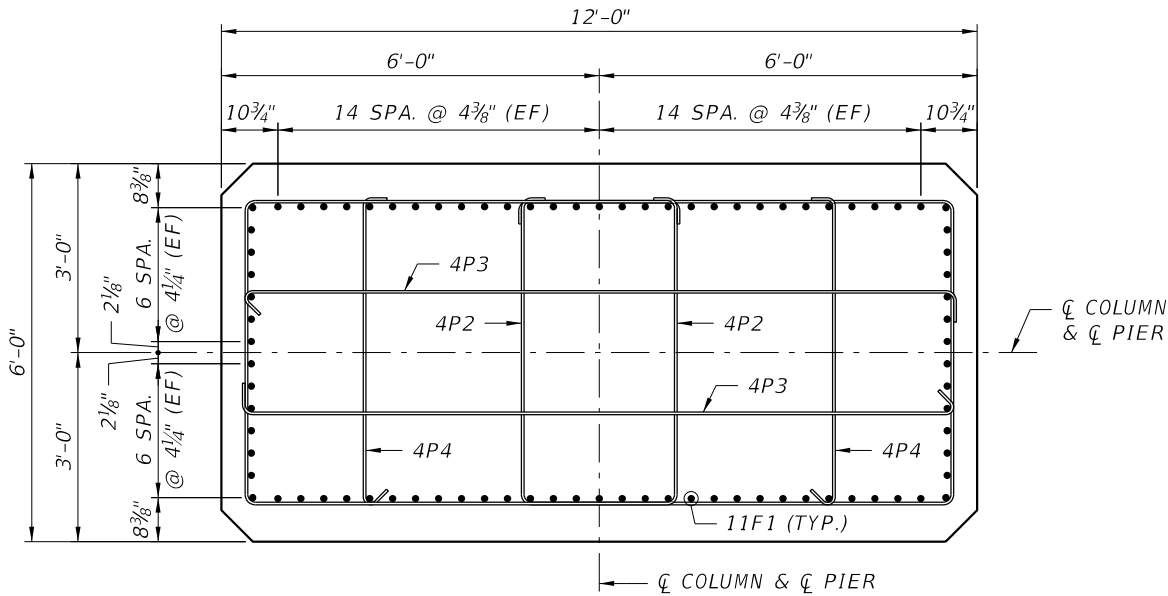


COLUMN ELEVATION
(PIER 4 SHOWN, PIER 13 SIMILAR)

COLUMN REINFORCING DATA	
PIER	'Z' SETS OF COLUMN TIES
4	6
13	3



SECTION B-B

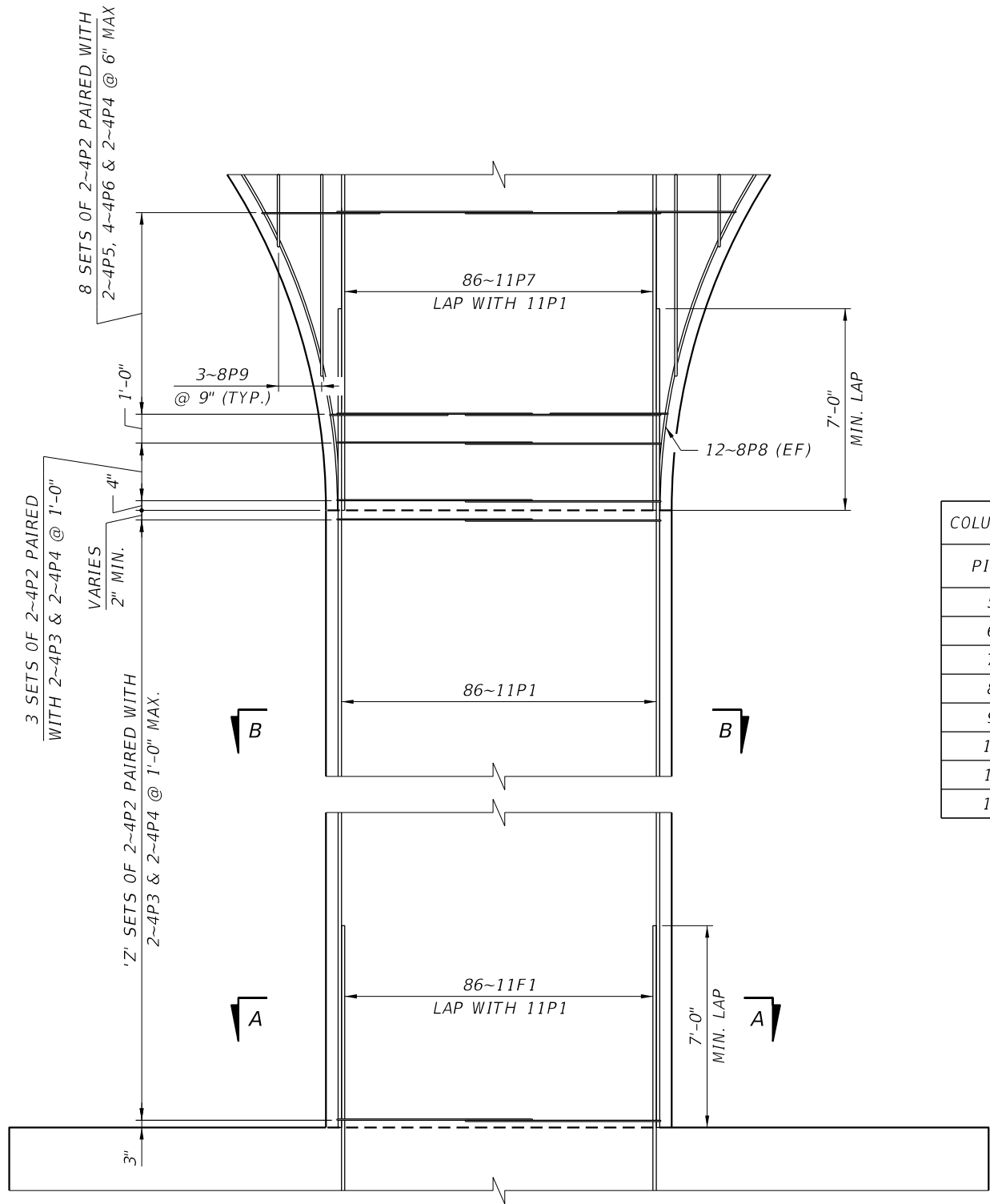


SECTION A-A

BRIDGE NO. 124143

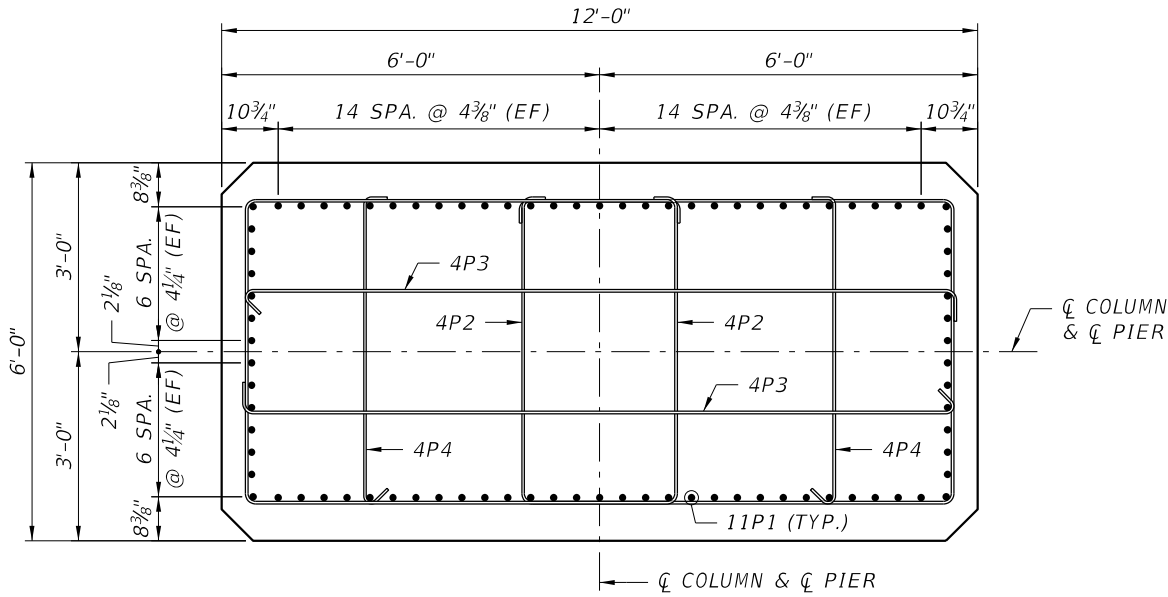
REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-20 CHECKED BY: JHJ 04-21 DESIGNED BY: JHJ 07-20 CHECKED BY: SKB 10-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: COLUMN REINFORCING PIERS 4 & 13		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:		
								CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		SHEET NO.
													B1-54

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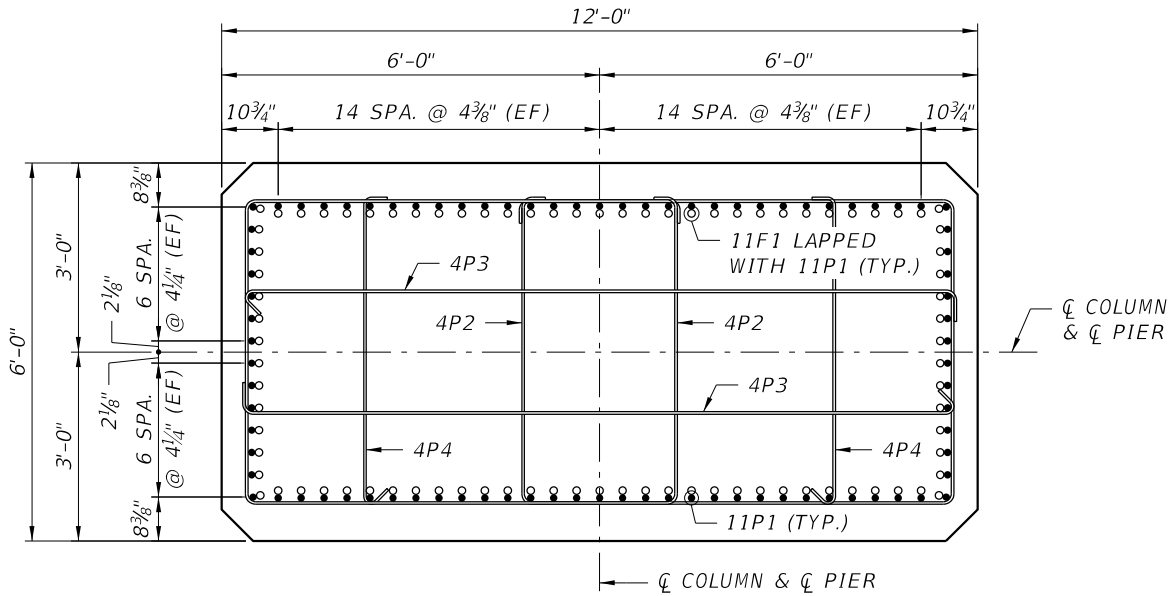


COLUMN ELEVATION

COLUMN REINFORCING DATA	
PIER	'Z' SETS OF COLUMN TIES
5	14
6	22
7	29
8	31
9	26
10	21
11	13
12	8



SECTION B-B

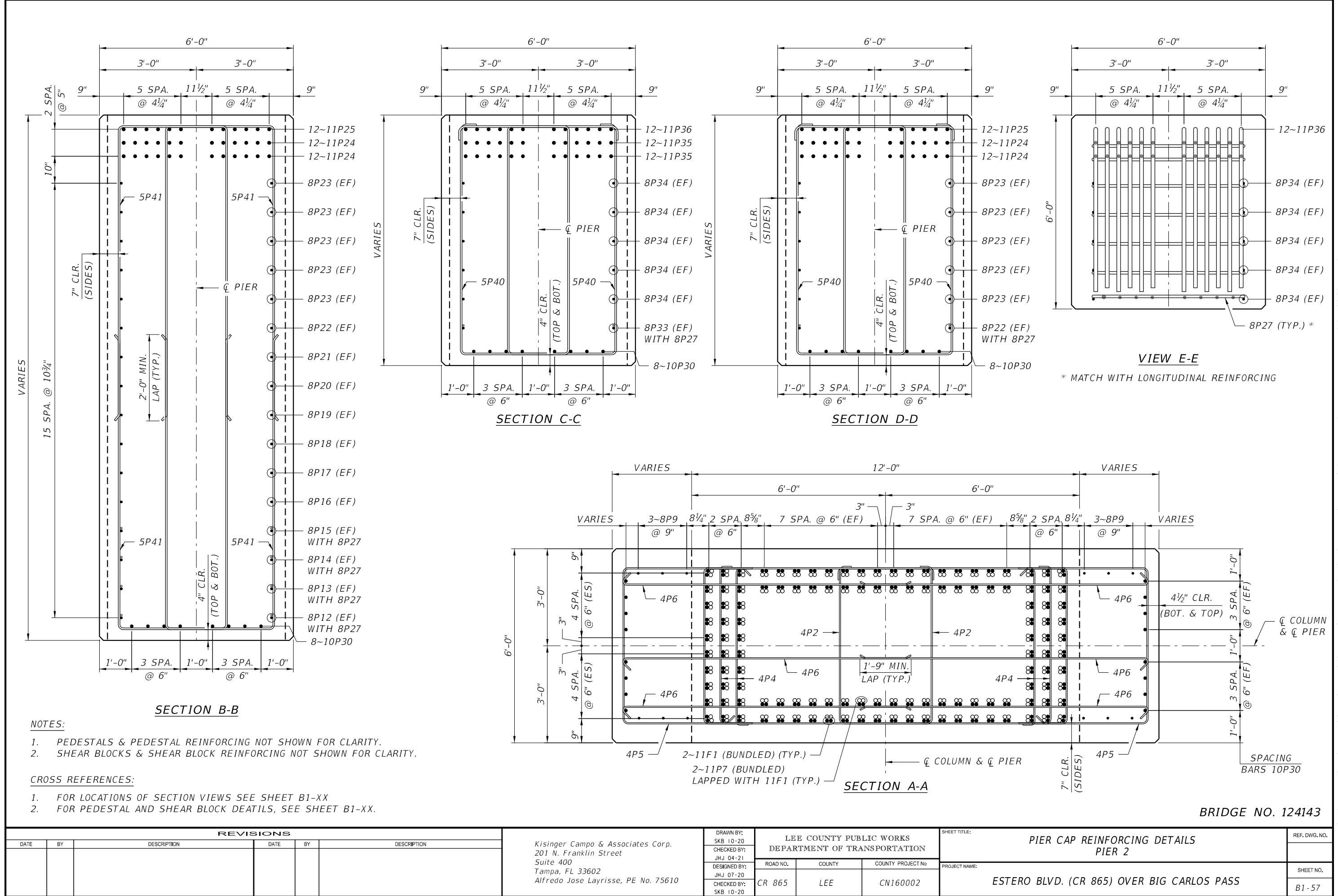


SECTION A-A

BRIDGE NO. 124143

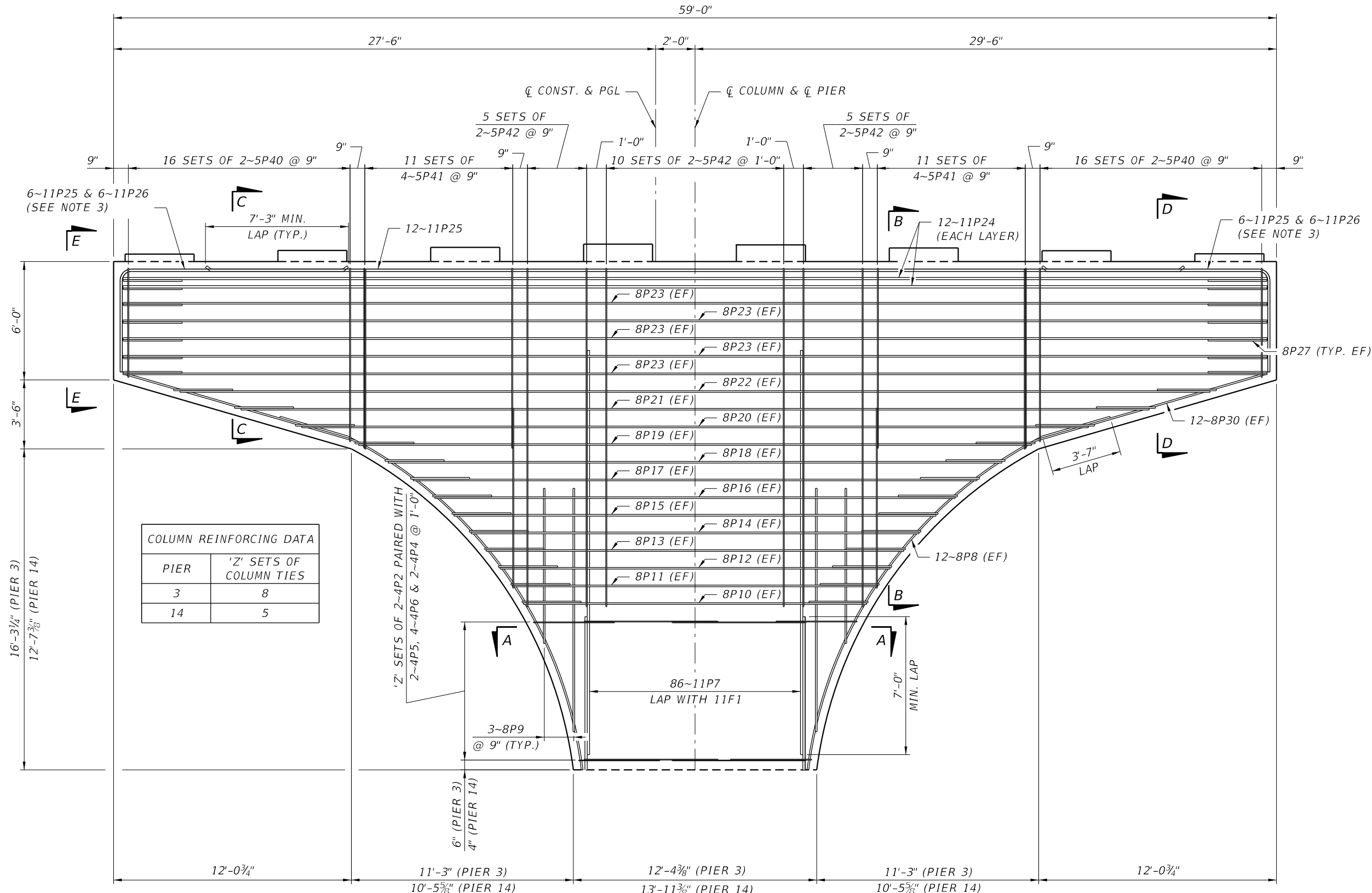
REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-20 CHECKED BY: JHJ 04-21 DESIGNED BY: JHJ 07-20 CHECKED BY: SKB 10-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: COLUMN REINFORCING PIERS 5 THRU 12	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN160002		
											PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-55

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REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: PIER CAP REINFORCING DETAILS PIER 2	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: JHJ 04-21	ROAD NO. CR 865	COUNTY LEE	COUNTY PROJECT No CN160002	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	
							DESIGNED BY: JHJ 07-20					
							CHECKED BY: SKB 10-20					
												SHEET NO. B1-57

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NOTES:

- PEDESTAL REINFORCING NOT SHOWN FOR CLARITY.
- SHEAR BLOCKS & SHEAR BLOCK REINFORCING NOT SHOWN FOR CLARITY.
- ALTERNATE EVERY OTHER BAR. LAP BARS 11P25 WITH BARS 11P26.
- SHIFT STIRRUPS AS NECESSARY TO AVOID CONFLICT WITH BARS 11P7.

CROSS REFERENCES:

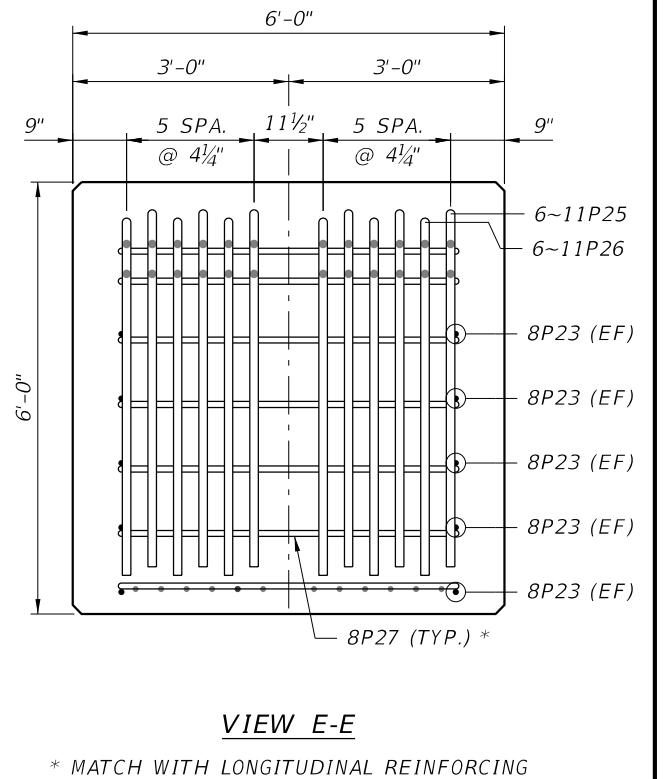
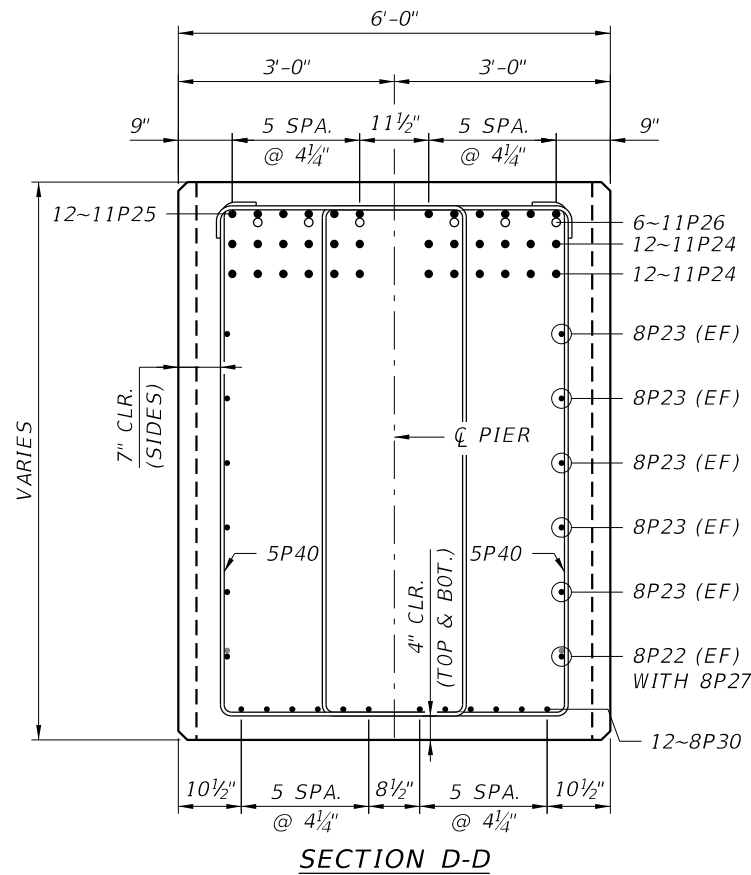
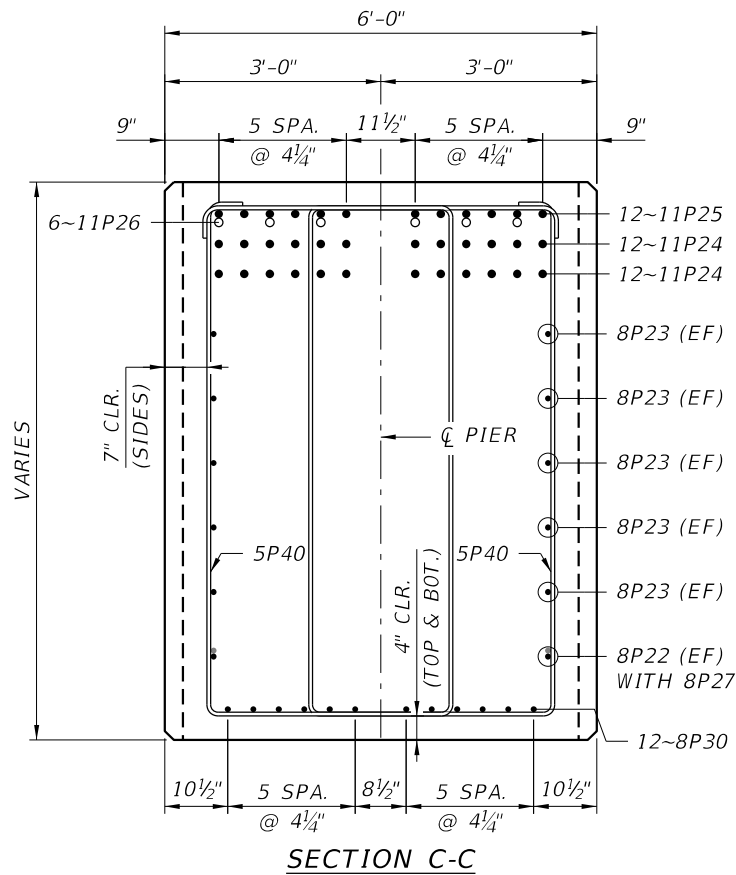
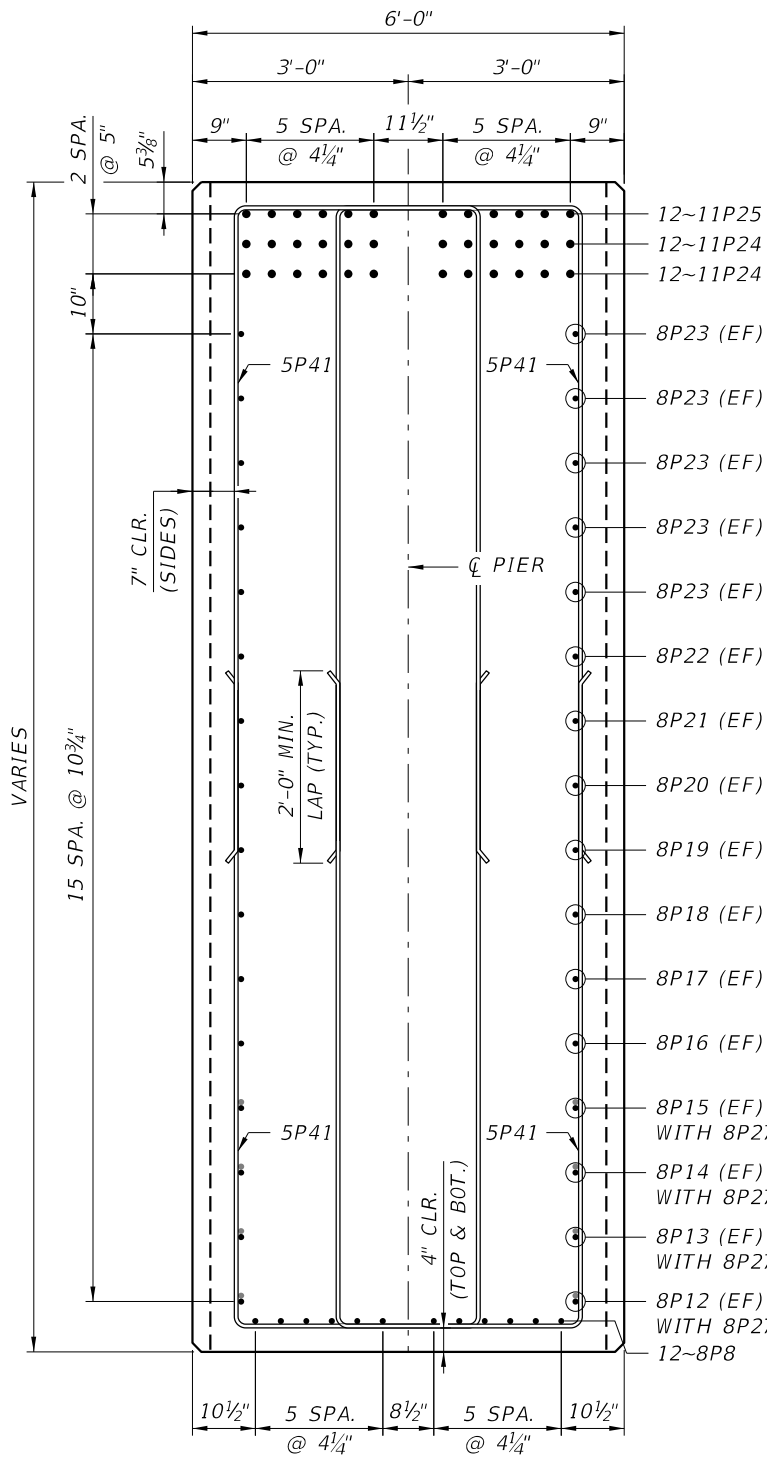
- FOR PIER AND PEDESTAL ELEVATIONS AND SPACING, SEE SHEET B1-XX AND B1-XX.
- FOR COLUMN REINFORCING, SEE SHEET B1-XX.
- FOR SECTION VIEWS AND REINFORCING DETAILS, SEE SHEET B1-XX.

PIER CAP ELEVATION
(PIER 3 SHOWN, PIER 14 SIMILAR)

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-20 CHECKED BY: JHJ 04-21 DESIGNED BY: JHJ 07-20 CHECKED BY: SKB 10-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: PIER CAP REINFORCING PIERS 3 & 14 PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	REF. DWG. NO. SHEET NO. B1-58
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN160002		

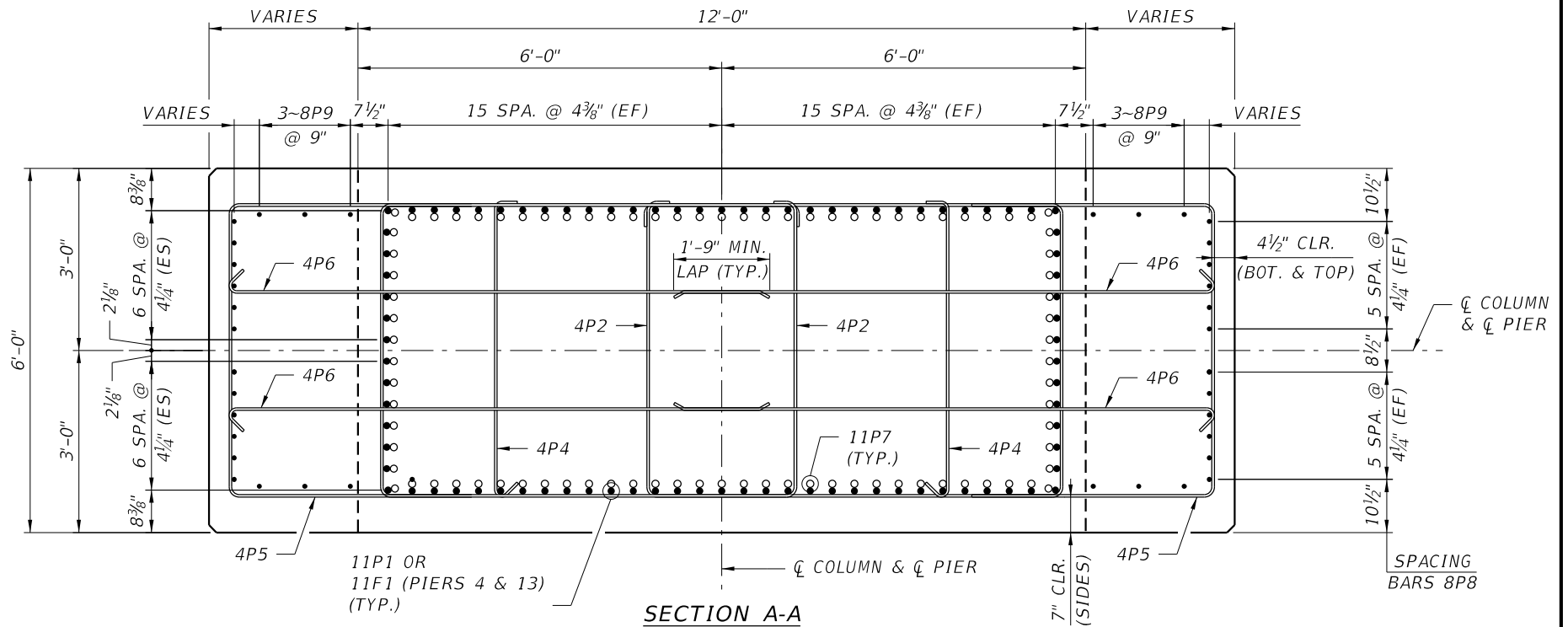
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



- NOTES:
1. PEDESTALS & PEDESTAL REINFORCING NOT SHOWN FOR CLARITY.
 2. SHEAR BLOCKS & SHEAR BLOCK REINFORCING NOT SHOWN FOR CLARITY (PIERS 3, 13 & 14 ONLY).
 3. CONCRETE SHALL BE MASS CONCRETE.

CROSS REFERENCES:

1. FOR LOCATIONS OF SECTION VIEWS SEE SHEET B1-XX
2. FOR PEDESTAL AND SHEAR BLOCK DEATILS, SEE SHEET B1-XX.



BRIDGE NO. 124143

REVISIONS						DRAWN BY: SKB 10-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: PIER CAP REINFORCING DETAILS PIERS 3 THRU 14	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						
						CHECKED BY: JHJ 04-21	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-60
						DESIGNED BY: JHJ 07-20	CR 865	LEE	CN160002		
						CHECKED BY: SKB 10-20					

Kisinger Campo & Associates Corp.
201 N. Franklin Street
Suite 400
Tampa, FL 33602
Alfredo Jose Layrisse, PE No. 75610

DRAWN BY:
SKB 10-20
CHECKED BY:
JHJ 04-21
DESIGNED BY:
JHJ 07-20
CHECKED BY:
SKB 10-20

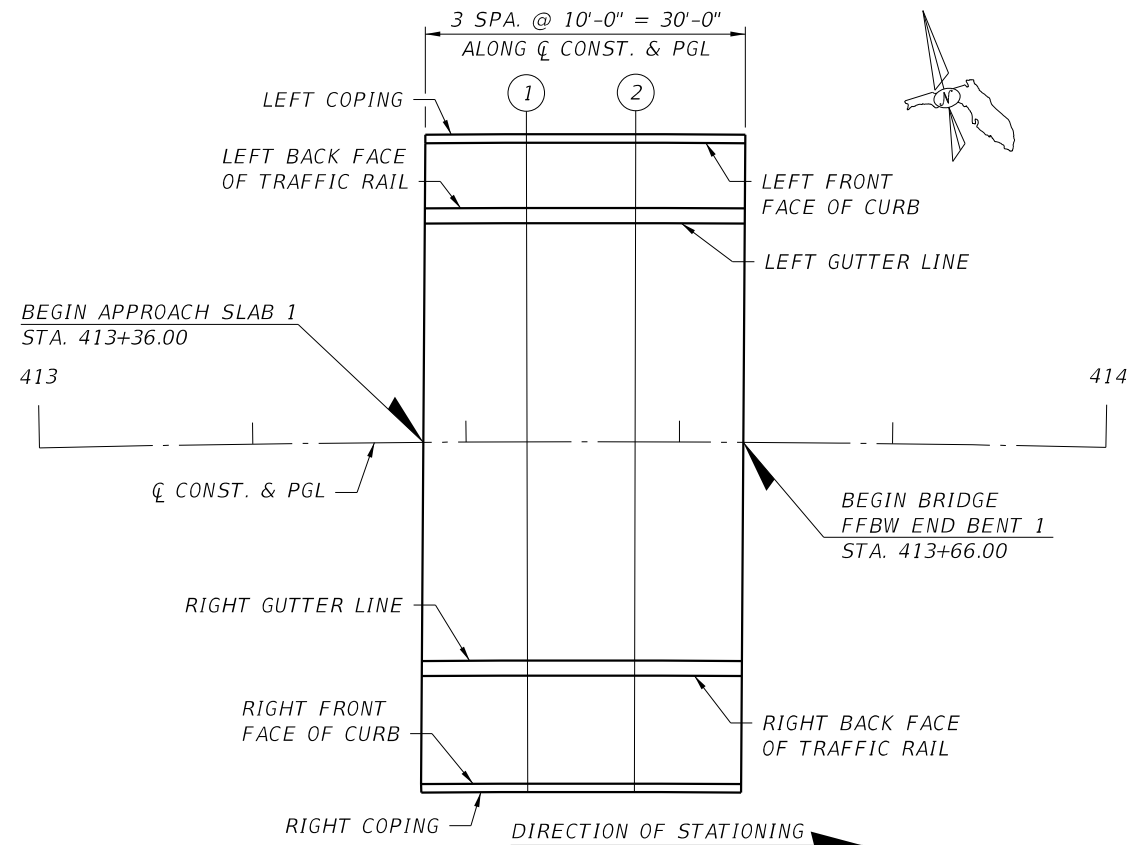
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

SHEET TITLE:
PIER CAP REINFORCING DETAILS
PIERS 3 THRU 14

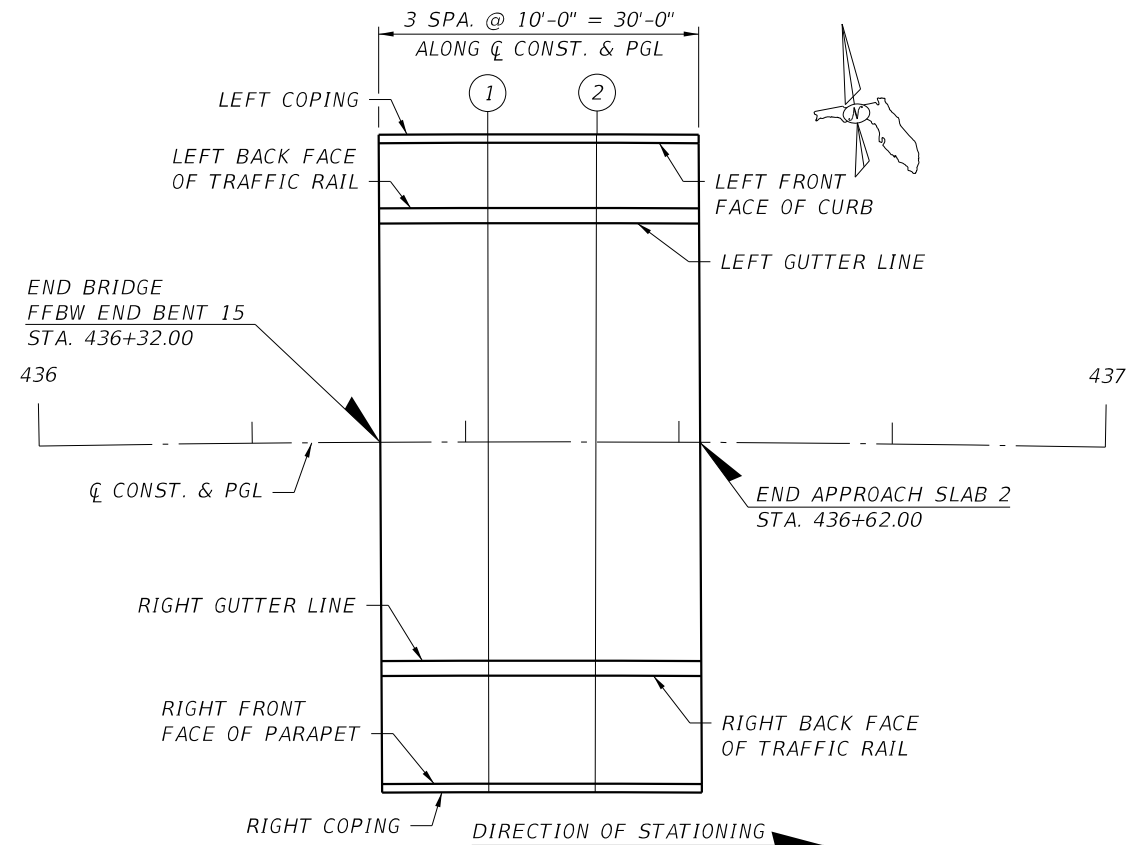
ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS

REF. DWG. NO.
SHEET NO.
B1-60

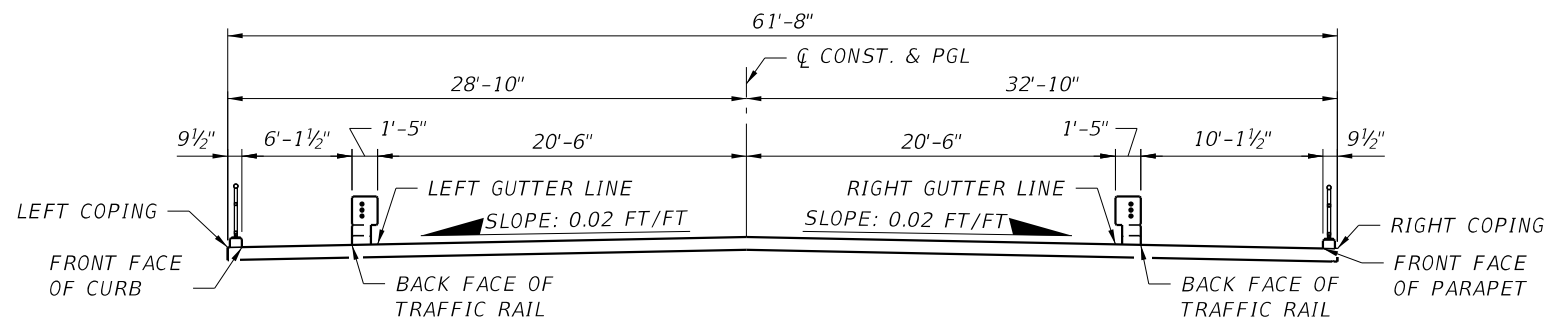
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PLAN SHOWING LOCATION OF FINISH GRADE ELEVATIONS
APPROACH SLAB 1



PLAN SHOWING LOCATION OF FINISH GRADE ELEVATIONS
APPROACH SLAB 2



TYPICAL SECTION
APPROACH SLAB 1 & 2

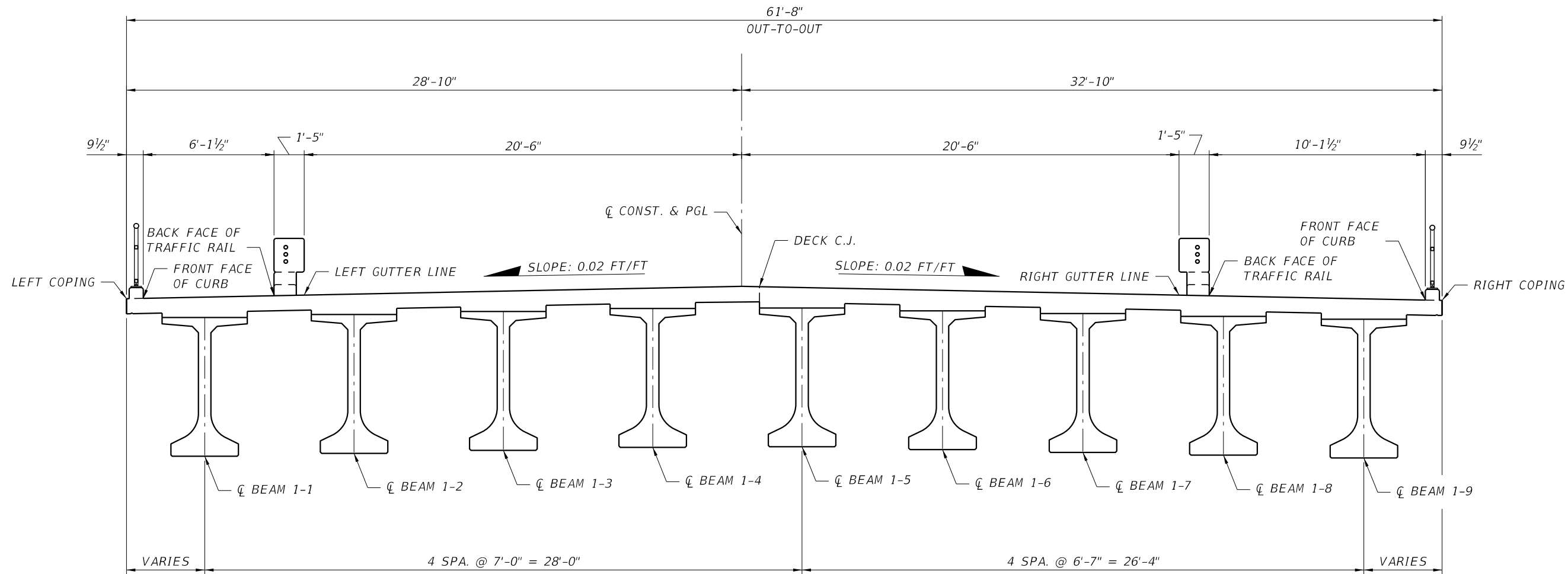
FINISH GRADE ELEVATIONS				
LOCATION/POINTS	BEGIN A.S. 1	APPROACH SLAB 1		BEGIN BRIDGE
		1	2	
LEFT COPING	19.478	19.972	20.466	20.960
LEFT FRONT FACE OF CURB	19.494	19.988	20.482	20.976
LEFT BACK FACE OF TRAFFIC RAIL	19.613	20.108	20.603	21.099
LEFT GUTTER LINE	19.640	20.136	20.631	21.127
CL CONST. & PGL	20.037	20.537	21.037	21.537
RIGHT GUTTER LINE	19.613	20.118	20.622	21.127
RIGHT BACK FACE OF TRAFFIC RAIL	19.584	20.089	20.594	21.099
RIGHT FRONT FACE OF CURB	19.375	19.882	20.389	20.896
RIGHT COPING	19.359	19.866	20.373	20.880

FINISH GRADE ELEVATIONS				
LOCATION/POINTS	END BRIDGE	APPROACH SLAB 2		END A.S. 2
		1	2	
LEFT COPING	24.319	23.824	23.329	22.834
LEFT FRONT FACE OF CURB	24.335	23.840	23.345	22.850
LEFT BACK FACE OF TRAFFIC RAIL	24.458	23.961	23.465	22.969
LEFT GUTTER LINE	24.486	23.989	23.493	22.997
CL CONST. & PGL	24.896	24.396	23.896	23.396
RIGHT GUTTER LINE	24.486	23.982	23.479	22.975
RIGHT BACK FACE OF TRAFFIC RAIL	24.458	23.954	23.450	22.946
RIGHT FRONT FACE OF CURB	24.255	23.749	23.244	22.738
RIGHT COPING	24.239	23.734	23.228	22.722

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-19 CHECKED BY: AJL XX-XX DESIGNED BY: SKB 10-19 CHECKED BY: PDM 02-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						FINISH GRADE ELEVATIONS (1 OF 17)		
								ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:		SHEET NO.
								CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		B1-61

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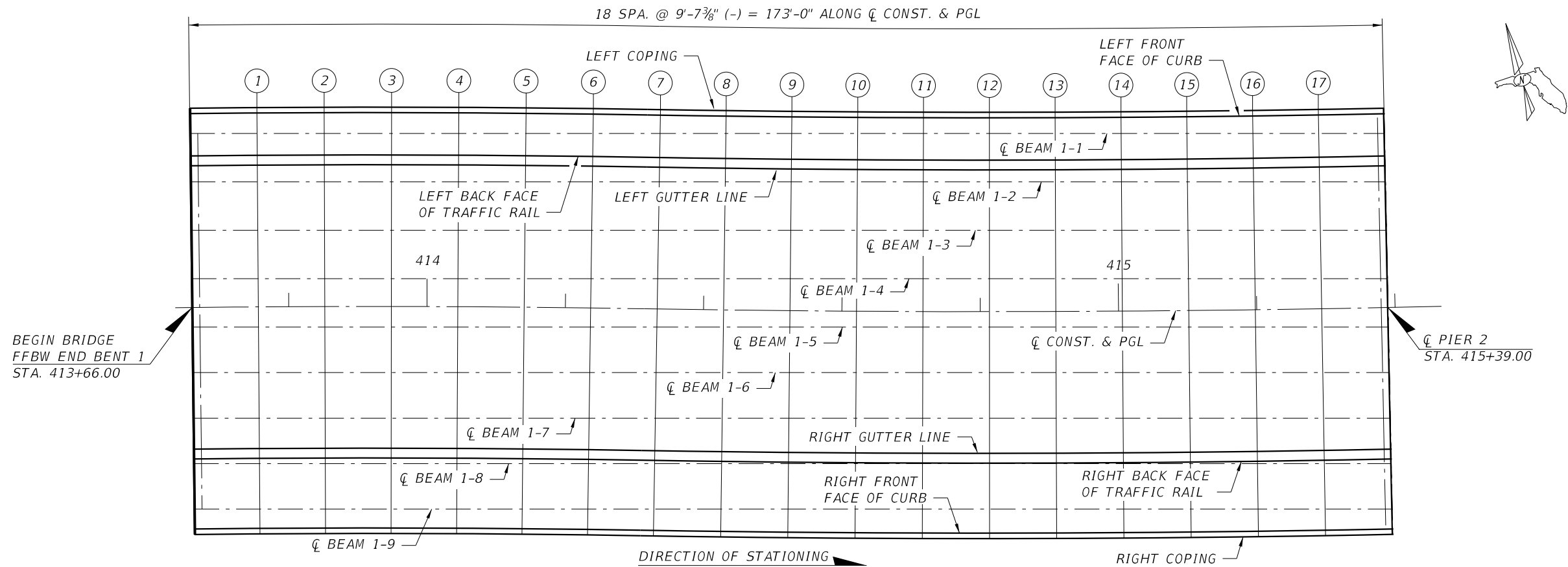


TYPICAL SECTION SHOWING LOCATION OF FINISH GRADES
SPAN 1

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-19 CHECKED BY: AJL XX-XX DESIGNED BY: SKB 10-19 CHECKED BY: PDM 02-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						FINISH GRADE ELEVATIONS (2 OF 17)		
								ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		SHEET NO.
								CR 865	LEE	CN160002			B1-62

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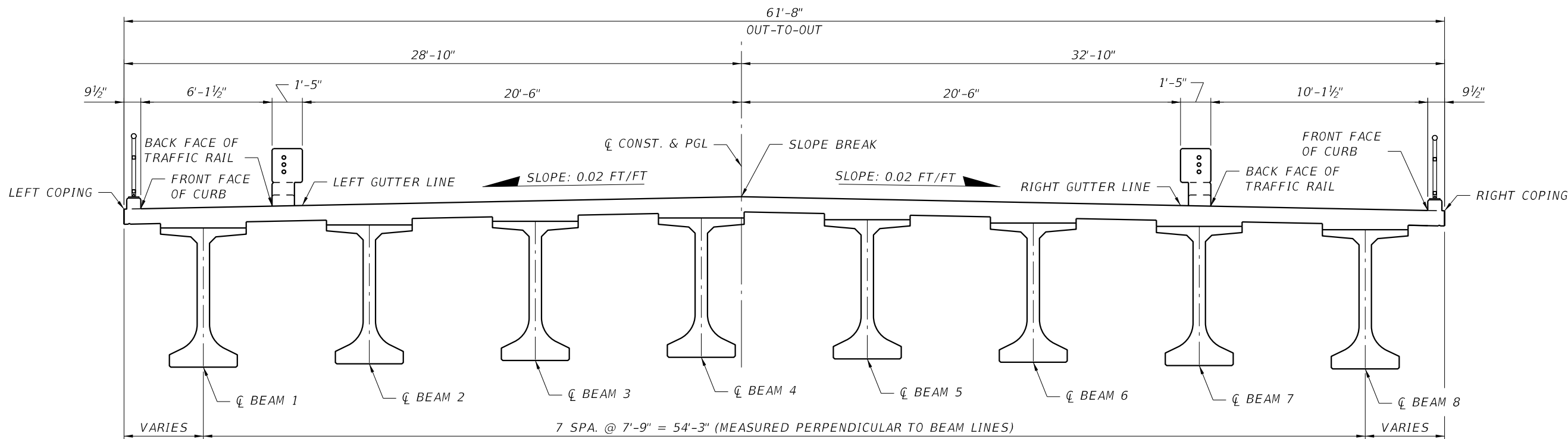
PLAN SHOWING LOCATION OF FINISH GRADE ELEVATIONS
SPAN 1

FINISH GRADE ELEVATIONS																			
LOCATION/POINTS	BEGIN BRIDGE	SPAN 1																	CL PIER 2
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
LEFT COPING	20.960	21.441	21.921	22.402	22.882	23.363	23.844	24.324	24.805	25.285	25.766	26.246	26.727	27.207	27.688	28.169	28.649	29.130	29.610
LEFT FRONT FACE OF CURB	20.976	21.457	21.937	22.418	22.898	23.379	23.859	24.340	24.821	25.301	25.782	26.262	26.743	27.223	27.704	28.184	28.665	29.146	29.626
CL BEAM 1-1	21.034	21.516	21.997	22.478	22.958	23.437	23.916	24.393	24.871	25.349	25.828	26.308	26.788	27.269	27.751	28.233	28.716	29.199	29.683
LEFT BACK FACE OF TRAFFIC RAIL	21.099	21.579	22.060	22.540	23.021	23.501	23.982	24.462	24.943	25.424	25.904	26.385	26.865	27.346	27.826	28.307	28.787	29.268	29.749
LEFT GUTTER LINE	21.127	21.607	22.088	22.569	23.049	23.530	24.010	24.491	24.971	25.452	25.932	26.413	26.894	27.374	27.855	28.335	28.816	29.296	29.777
CL BEAM 1-2	21.174	21.656	22.137	22.618	23.098	23.577	24.056	24.533	25.011	25.489	25.968	26.448	26.928	27.409	27.891	28.373	28.856	29.339	29.823
CL BEAM 1-3	21.314	21.796	22.277	22.758	23.238	23.717	24.196	24.673	25.151	25.629	26.108	26.588	27.068	27.549	28.031	28.513	28.996	29.479	29.964
CL BEAM 1-4	21.454	21.936	22.417	22.898	23.378	23.857	24.336	24.813	25.291	25.769	26.248	26.728	27.208	27.689	28.171	28.653	29.136	29.619	30.104
CL CONST. & PGL	21.537	22.017	22.498	22.979	23.459	23.940	24.420	24.901	25.381	25.862	26.342	26.823	27.304	27.784	28.265	28.745	29.226	29.706	30.187
CL BEAM 1-5	21.480	21.959	22.439	22.919	23.400	23.882	24.365	24.848	25.332	25.815	26.297	26.778	27.259	27.739	28.219	28.697	29.176	29.653	30.130
CL BEAM 1-6	21.349	21.827	22.307	22.787	23.268	23.750	24.233	24.717	25.200	25.683	26.165	26.646	27.127	27.607	28.087	28.566	29.044	29.522	29.999
CL BEAM 1-7	21.217	21.696	22.175	22.656	23.137	23.619	24.101	24.585	25.068	25.551	26.033	26.515	26.996	27.476	27.955	28.434	28.912	29.390	29.867
RIGHT GUTTER LINE	21.127	21.607	22.088	22.569	23.049	23.530	24.010	24.491	24.971	25.452	25.932	26.413	26.894	27.374	27.855	28.335	28.816	29.296	29.777
RIGHT BACK FACE OF TRAFFIC RAIL	21.099	21.579	22.060	22.540	23.021	23.501	23.982	24.462	24.943	25.424	25.904	26.385	26.865	27.346	27.826	28.307	28.787	29.268	29.749
CL BEAM 1-8	21.085	21.564	22.044	22.524	23.005	23.487	23.970	24.453	24.937	25.420	25.902	26.383	26.864	27.344	27.824	28.302	28.781	29.258	29.735
CL BEAM 1-9	20.954	21.432	21.912	22.392	22.873	23.355	23.838	24.322	24.805	25.288	25.770	26.251	26.732	27.212	27.692	28.171	28.649	29.127	29.603
RIGHT FRONT FACE OF CURB	20.896	21.377	21.857	22.338	22.818	23.299	23.779	24.260	24.741	25.221	25.702	26.182	26.663	27.143	27.624	28.104	28.585	29.066	29.546
RIGHT COPING	20.880	21.361	21.841	22.322	22.802	23.283	23.764	24.244	24.725	25.205	25.686	26.166	26.647	27.127	27.608	28.089	28.569	29.050	29.530

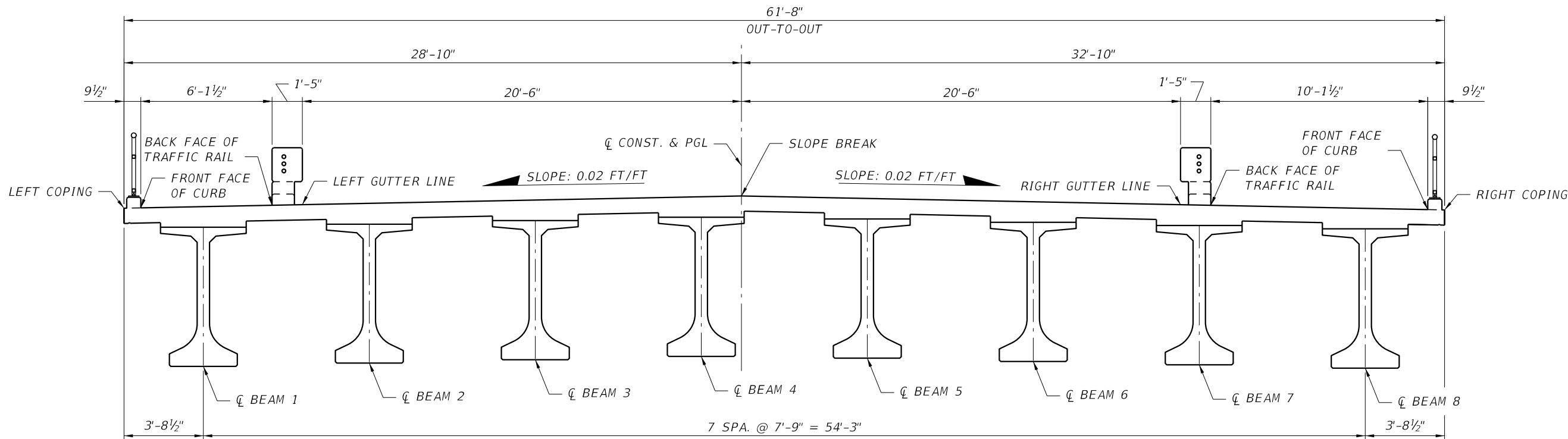
BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: AJL XX-XX				FINISH GRADE ELEVATIONS (3 OF 17)		
							DESIGNED BY: SKB 10-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:		SHEET NO.
							CHECKED BY: PDM 02-20	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		B1-63

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TYPICAL SECTION SHOWING LOCATION OF FINISH GRADES
SPAN 2 THRU 4 & 9 THRU 14

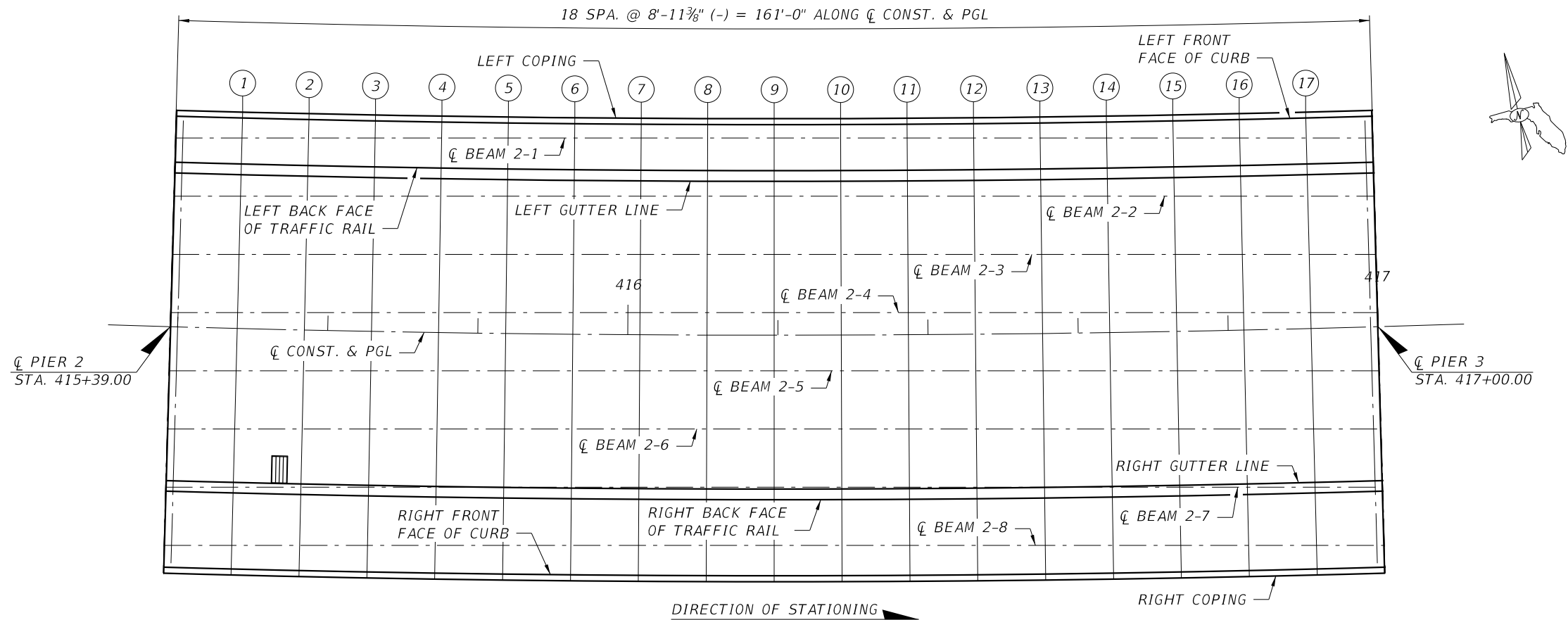


TYPICAL SECTION SHOWING LOCATION OF FINISH GRADES
SPAN 5 THRU 8

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: AJL XX-XX				FINISH GRADE ELEVATIONS (4 OF 17)		
							DESIGNED BY: SKB 10-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.	
							CHECKED BY: PDM 02-20	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B1-64	

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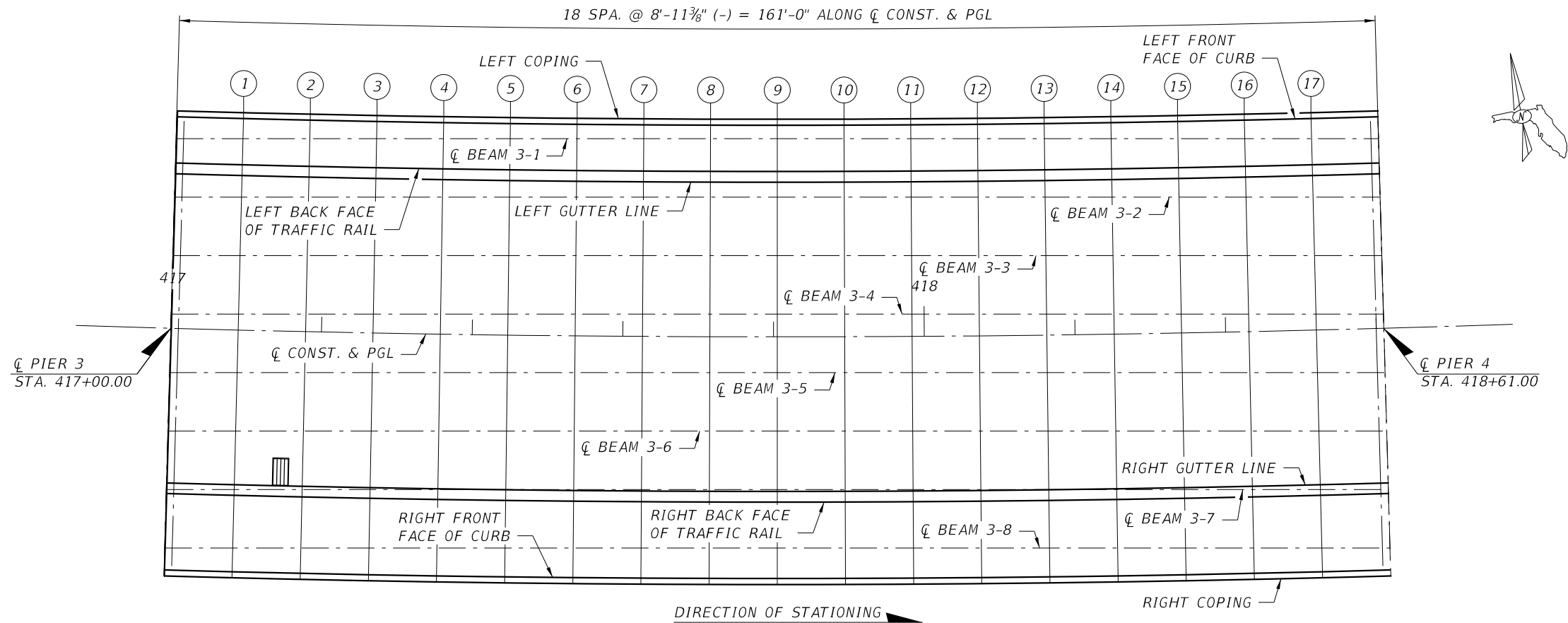
PLAN SHOWING LOCATION OF FINISH GRADE ELEVATIONS
SPAN 2

FINISH GRADE ELEVATIONS																			
LOCATION/POINTS	℄ PIER 2	SPAN 2																	℄ PIER 3
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
LEFT COPING	29.610	30.057	30.505	30.952	31.399	31.846	32.294	32.741	33.188	33.635	34.082	34.530	34.977	35.424	35.871	36.319	36.766	37.213	37.660
LEFT FRONT FACE OF CURB	29.626	30.073	30.521	30.968	31.415	31.862	32.309	32.757	33.204	33.651	34.098	34.546	34.993	35.440	35.887	36.334	36.782	37.229	37.676
℄ BEAM 2-1	29.684	30.127	30.570	31.013	31.458	31.902	32.348	32.793	33.240	33.687	34.134	34.582	35.031	35.480	35.930	36.380	36.831	37.282	37.734
LEFT BACK FACE OF TRAFFIC RAIL	29.749	30.196	30.643	31.090	31.537	31.985	32.432	32.879	33.326	33.774	34.221	34.668	35.115	35.562	36.010	36.457	36.904	37.351	37.799
LEFT GUTTER LINE	29.777	30.224	30.671	31.119	31.566	32.013	32.460	32.907	33.355	33.802	34.249	34.696	35.144	35.591	36.038	36.485	36.932	37.380	37.827
℄ BEAM 2-2	29.839	30.282	30.725	31.168	31.613	32.057	32.503	32.948	33.395	33.842	34.289	34.737	35.186	35.635	36.085	36.535	36.986	37.437	37.889
℄ BEAM 2-3	29.994	30.437	30.880	31.323	31.768	32.212	32.658	33.103	33.550	33.997	34.444	34.892	35.341	35.790	36.240	36.690	37.141	37.592	38.044
℄ BEAM 2-4	30.149	30.592	31.035	31.478	31.923	32.367	32.813	33.258	33.705	34.152	34.599	35.047	35.496	35.945	36.395	36.845	37.296	37.747	38.199
℄ CONST. & PGL	30.187	30.634	31.081	31.529	31.976	32.423	32.870	33.317	33.765	34.212	34.659	35.106	35.554	36.001	36.448	36.895	37.342	37.790	38.237
℄ BEAM 2-5	30.069	30.521	30.973	31.424	31.874	32.324	32.773	33.221	33.670	34.117	34.564	35.010	35.456	35.901	36.346	36.790	37.234	37.677	38.119
℄ BEAM 2-6	29.914	30.366	30.818	31.269	31.719	32.169	32.618	33.066	33.515	33.962	34.409	34.855	35.301	35.746	36.191	36.635	37.079	37.522	37.964
RIGHT GUTTER LINE	29.777	30.224	30.671	31.119	31.566	32.013	32.460	32.907	33.355	33.802	34.249	34.696	35.144	35.591	36.038	36.485	36.932	37.380	37.827
℄ BEAM 2-7	29.759	30.211	30.663	31.114	31.564	32.014	32.463	32.911	33.360	33.807	34.254	34.700	35.146	35.591	36.036	36.480	36.924	37.367	37.809
RIGHT BACK FACE OF TRAFFIC RAIL	29.749	30.196	30.643	31.090	31.537	31.985	32.432	32.879	33.326	33.774	34.221	34.668	35.115	35.562	36.010	36.457	36.904	37.351	37.799
℄ BEAM 2-8	29.604	30.056	30.508	30.959	31.409	31.859	32.308	32.756	33.205	33.652	34.099	34.545	34.991	35.436	35.881	36.325	36.769	37.212	37.654
RIGHT FRONT FACE OF CURB	29.546	29.993	30.441	30.888	31.335	31.782	32.229	32.677	33.124	33.571	34.018	34.466	34.913	35.360	35.807	36.254	36.702	37.149	37.596
RIGHT COPING	29.530	29.977	30.425	30.872	31.319	31.766	32.214	32.661	33.108	33.555	34.002	34.450	34.897	35.344	35.791	36.239	36.686	37.133	37.580

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: AJL XX-XX				FINISH GRADE ELEVATIONS (5 OF 17)		
							DESIGNED BY: SKB 10-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.	
							CHECKED BY: PDM 02-20	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B1-65	

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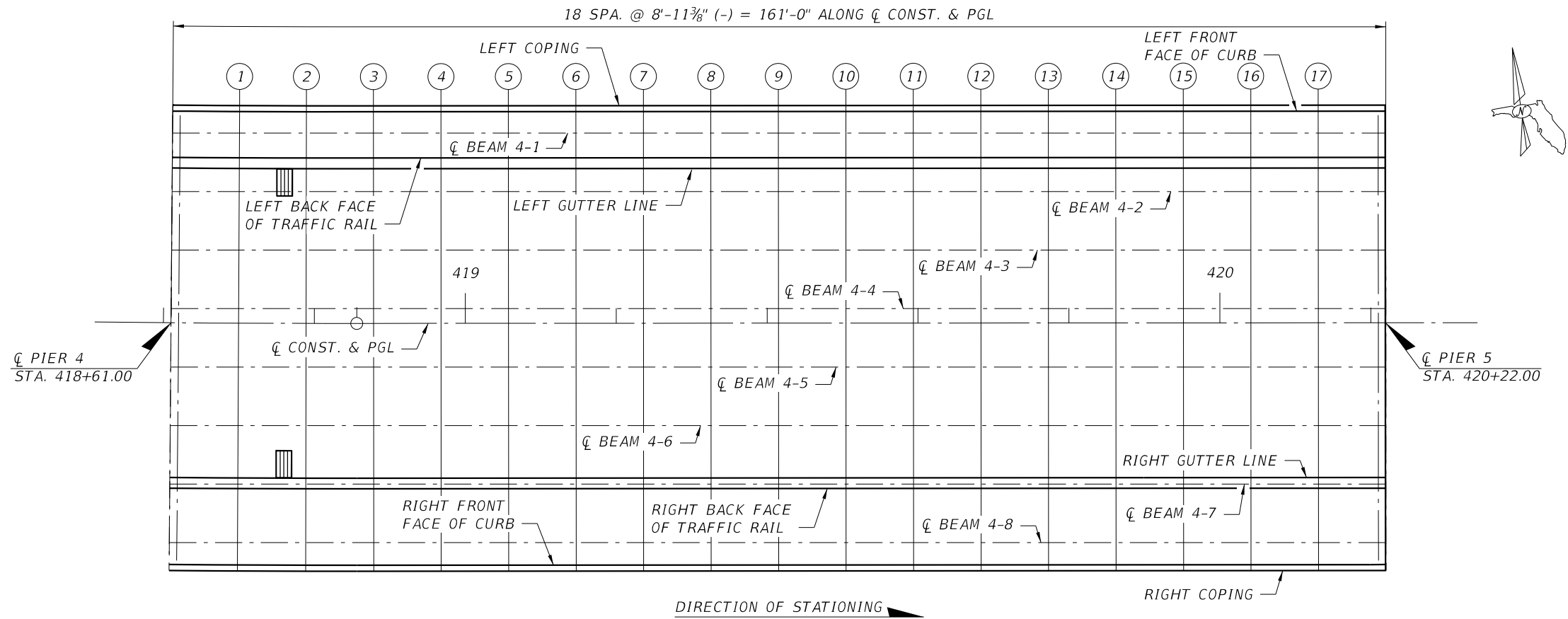
PLAN SHOWING LOCATION OF FINISH GRADE ELEVATIONS
SPAN 3

FINISH GRADE ELEVATIONS																			
LOCATION/POINTS	℄ PIER 3	SPAN 3																	℄ PIER 4
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
LEFT COPING	37.660	38.107	38.555	39.002	39.449	39.896	40.344	40.791	41.238	41.685	42.132	42.580	43.027	43.474	43.921	44.369	44.816	45.263	45.710
LEFT FRONT FACE OF CURB	37.676	38.123	38.571	39.018	39.465	39.912	40.359	40.807	41.254	41.701	42.148	42.596	43.043	43.490	43.937	44.384	44.832	45.279	45.726
℄ BEAM 3-1	37.734	38.177	38.620	39.063	39.508	39.952	40.398	40.843	41.290	41.737	42.184	42.632	43.081	43.530	43.980	44.430	44.881	45.332	45.784
LEFT BACK FACE OF TRAFFIC RAIL	37.799	38.246	38.693	39.140	39.587	40.035	40.482	40.929	41.376	41.824	42.271	42.718	43.165	43.612	44.060	44.507	44.954	45.401	45.849
LEFT GUTTER LINE	37.827	38.274	38.721	39.169	39.616	40.063	40.510	40.957	41.405	41.852	42.299	42.746	43.194	43.641	44.088	44.535	44.982	45.430	45.877
℄ BEAM 3-2	37.889	38.332	38.775	39.218	39.663	40.107	40.553	40.998	41.445	41.892	42.339	42.787	43.236	43.685	44.135	44.585	45.036	45.487	45.939
℄ BEAM 3-3	38.044	38.487	38.930	39.373	39.818	40.262	40.708	41.153	41.600	42.047	42.494	42.942	43.391	43.840	44.290	44.740	45.191	45.642	46.094
℄ BEAM 3-4	38.199	38.642	39.085	39.528	39.973	40.417	40.863	41.308	41.755	42.202	42.649	43.097	43.546	43.995	44.445	44.895	45.346	45.797	46.249
℄ CONST. & PGL	38.237	38.684	39.131	39.579	40.026	40.473	40.920	41.367	41.815	42.262	42.709	43.156	43.604	44.051	44.498	44.945	45.392	45.840	46.287
℄ BEAM 3-5	38.119	38.571	39.023	39.474	39.924	40.374	40.823	41.271	41.720	42.167	42.614	43.060	43.506	43.951	44.396	44.840	45.284	45.727	46.169
℄ BEAM 3-6	37.964	38.416	38.868	39.319	39.769	40.219	40.668	41.116	41.565	42.012	42.459	42.905	43.351	43.796	44.241	44.685	45.129	45.572	46.014
RIGHT GUTTER LINE	37.827	38.274	38.721	39.169	39.616	40.063	40.510	40.957	41.405	41.852	42.299	42.746	43.194	43.641	44.088	44.535	44.982	45.430	45.877
℄ BEAM 3-7	37.809	38.261	38.713	39.164	39.614	40.064	40.513	40.961	41.410	41.857	42.304	42.750	43.196	43.641	44.086	44.530	44.974	45.417	45.859
RIGHT BACK FACE OF TRAFFIC RAIL	37.799	38.246	38.693	39.140	39.587	40.035	40.482	40.929	41.376	41.824	42.271	42.718	43.165	43.612	44.060	44.507	44.954	45.401	45.849
℄ BEAM 3-8	37.654	38.106	38.558	39.009	39.459	39.909	40.358	40.806	41.255	41.702	42.149	42.595	43.041	43.486	43.931	44.375	44.819	45.262	45.704
RIGHT FRONT FACE OF CURB	37.596	38.043	38.491	38.938	39.385	39.832	40.279	40.727	41.174	41.621	42.068	42.516	42.963	43.410	43.857	44.304	44.752	45.199	45.646
RIGHT COPING	37.580	38.027	38.475	38.922	39.369	39.816	40.264	40.711	41.158	41.605	42.052	42.500	42.947	43.394	43.841	44.289	44.736	45.183	45.630

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-19			LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: AJL XX-XX						FINISH GRADE ELEVATIONS (6 OF 17)		
							DESIGNED BY: SKB 10-19			ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.	
							CHECKED BY: PDM 02-20			CR 865	LEE	CN160002			ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS

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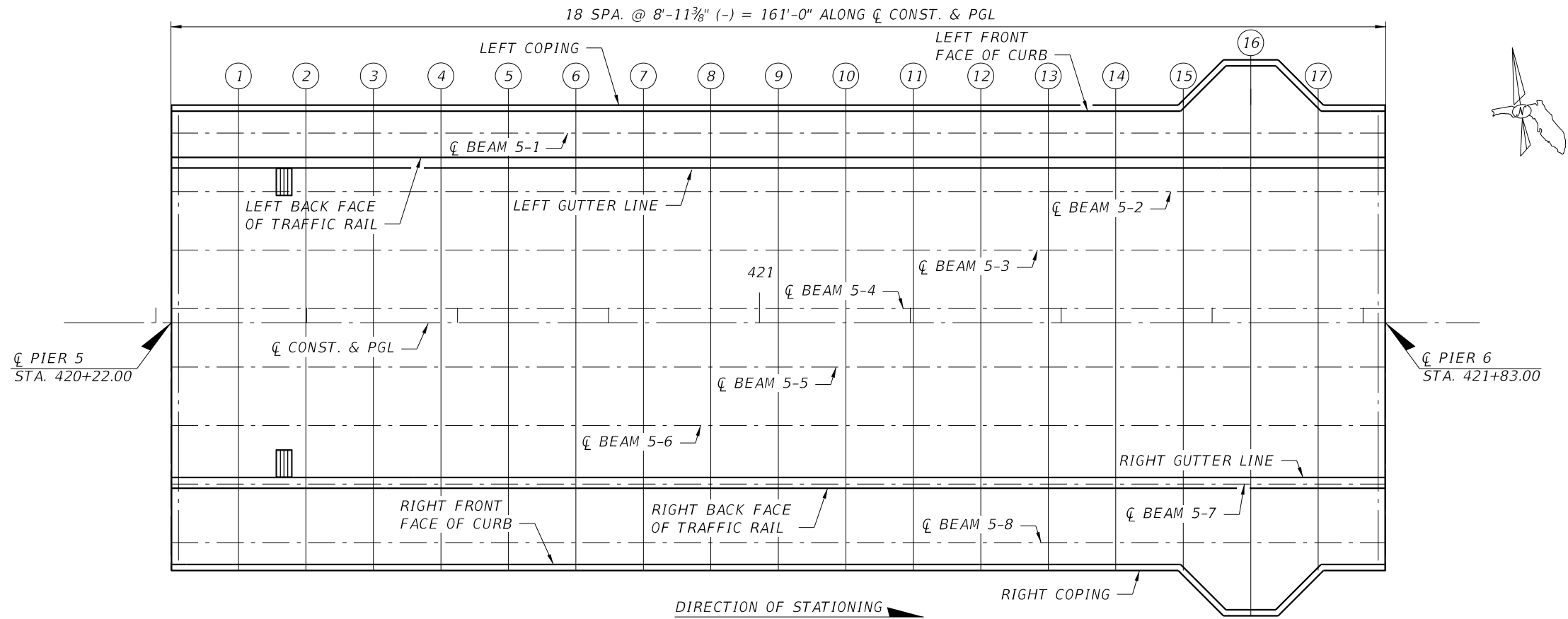
PLAN SHOWING LOCATION OF FINISH GRADE ELEVATIONS
SPAN 4

FINISH GRADE ELEVATIONS																			
LOCATION/POINTS	℄ PIER 4	SPAN 4																	℄ PIER 5
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
LEFT COPING	45.710	46.157	46.605	47.052	47.499	47.946	48.394	48.841	49.288	49.735	50.182	50.630	51.077	51.524	51.971	52.419	52.866	53.313	53.760
LEFT FRONT FACE OF CURB	45.726	46.173	46.621	47.068	47.515	47.962	48.409	48.857	49.304	49.751	50.198	50.646	51.093	51.540	51.987	52.434	52.882	53.329	53.776
℄ BEAM 4-1	45.784	46.230	46.677	47.124	47.572	48.019	48.466	48.914	49.361	49.808	50.256	50.703	51.150	51.598	52.045	52.492	52.940	53.387	53.834
LEFT BACK FACE OF TRAFFIC RAIL	45.849	46.296	46.743	47.190	47.637	48.085	48.532	48.979	49.426	49.874	50.321	50.768	51.215	51.662	52.110	52.557	53.004	53.451	53.899
LEFT GUTTER LINE	45.877	46.324	46.771	47.219	47.666	48.113	48.560	49.007	49.455	49.902	50.349	50.796	51.244	51.691	52.138	52.585	53.032	53.480	53.927
℄ BEAM 4-2	45.939	46.385	46.832	47.279	47.727	48.174	48.621	49.069	49.516	49.963	50.411	50.858	51.305	51.753	52.200	52.647	53.095	53.542	53.989
℄ BEAM 4-3	46.094	46.540	46.987	47.434	47.882	48.329	48.776	49.224	49.671	50.118	50.566	51.013	51.460	51.908	52.355	52.802	53.250	53.697	54.144
℄ BEAM 4-4	46.249	46.695	47.142	47.589	48.037	48.484	48.931	49.379	49.826	50.273	50.721	51.168	51.615	52.063	52.510	52.957	53.405	53.852	54.299
℄ CONST. & PGL	46.287	46.734	47.181	47.629	48.076	48.523	48.970	49.417	49.865	50.312	50.759	51.206	51.654	52.101	52.548	52.995	53.442	53.890	54.337
℄ BEAM 4-5	46.169	46.618	47.066	47.513	47.960	48.407	48.854	49.301	49.748	50.195	50.643	51.090	51.537	51.984	52.431	52.878	53.325	53.772	54.219
℄ BEAM 4-6	46.014	46.463	46.911	47.358	47.805	48.252	48.699	49.146	49.593	50.040	50.488	50.935	51.382	51.829	52.276	52.723	53.170	53.617	54.064
RIGHT GUTTER LINE	45.877	46.324	46.771	47.219	47.666	48.113	48.560	49.007	49.455	49.902	50.349	50.796	51.244	51.691	52.138	52.585	53.032	53.480	53.927
℄ BEAM 4-7	45.859	46.308	46.756	47.203	47.650	48.097	48.544	48.991	49.438	49.885	50.333	50.780	51.227	51.674	52.121	52.568	53.015	53.462	53.909
RIGHT BACK FACE OF TRAFFIC RAIL	45.849	46.296	46.743	47.190	47.637	48.085	48.532	48.979	49.426	49.874	50.321	50.768	51.215	51.662	52.110	52.557	53.004	53.451	53.899
℄ BEAM 4-8	45.704	46.153	46.601	47.048	47.495	47.942	48.389	48.836	49.283	49.730	50.178	50.625	51.072	51.519	51.966	52.413	52.860	53.307	53.754
RIGHT FRONT FACE OF CURB	45.646	46.093	46.541	46.988	47.435	47.882	48.329	48.777	49.224	49.671	50.118	50.566	51.013	51.460	51.907	52.354	52.802	53.249	53.696
RIGHT COPING	45.630	46.077	46.525	46.972	47.419	47.866	48.314	48.761	49.208	49.655	50.102	50.550	50.997	51.444	51.891	52.339	52.786	53.233	53.680

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: AJL XX-XX				FINISH GRADE ELEVATIONS (7 OF 17)		
							DESIGNED BY: SKB 10-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.	
							CHECKED BY: PDM 02-20	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B1-67	

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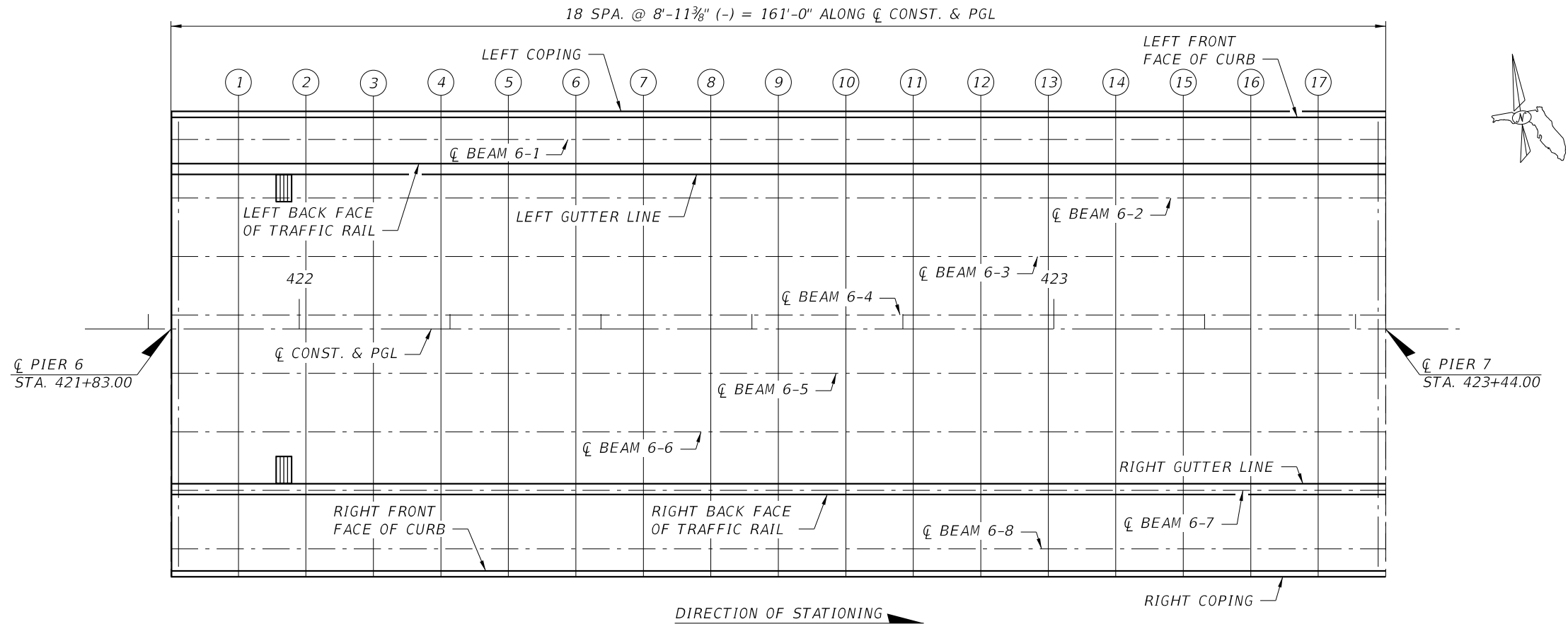
PLAN SHOWING LOCATION OF FINISH GRADE ELEVATIONS
SPAN 5

FINISH GRADE ELEVATIONS																			
LOCATION/POINTS	℄ PIER 5	SPAN 5																	℄ PIER 6
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
LEFT COPING	53.760	54.207	54.655	55.102	55.549	55.996	56.444	56.891	57.338	57.785	58.232	58.680	59.127	59.574	60.021	60.469	60.796	61.363	61.810
LEFT FRONT FACE OF CURB	53.776	54.223	54.671	55.118	55.565	56.012	56.459	56.907	57.354	57.801	58.248	58.696	59.143	59.590	60.037	60.484	60.932	61.379	61.826
℄ BEAM 5-1	53.834	54.282	54.729	55.176	55.623	56.071	56.518	56.965	57.412	57.859	58.307	58.754	59.201	59.648	60.096	60.543	60.990	61.437	61.884
LEFT BACK FACE OF TRAFFIC RAIL	53.899	54.346	54.793	55.240	55.687	56.135	56.582	57.029	57.476	57.924	58.371	58.818	59.265	59.712	60.160	60.607	61.054	61.501	61.949
LEFT GUTTER LINE	53.927	54.374	54.821	55.269	55.716	56.163	56.610	57.057	57.505	57.952	58.399	58.846	59.294	59.741	60.188	60.635	61.082	61.530	61.977
℄ BEAM 5-2	53.989	54.437	54.884	55.331	55.778	56.226	56.673	57.120	57.567	58.014	58.462	58.909	59.356	59.803	60.251	60.698	61.145	61.592	62.039
℄ BEAM 5-3	54.144	54.592	55.039	55.486	55.933	56.381	56.828	57.275	57.722	58.169	58.617	59.064	59.511	59.958	60.406	60.853	61.300	61.747	62.194
℄ BEAM 5-4	54.299	54.747	55.194	55.641	56.088	56.536	56.983	57.430	57.877	58.324	58.772	59.219	59.666	60.113	60.561	61.008	61.455	61.902	62.349
℄ CONST. & PGL	54.337	54.784	55.231	55.679	56.126	56.573	57.020	57.467	57.915	58.362	58.809	59.256	59.704	60.151	60.598	61.045	61.492	61.940	62.387
℄ BEAM 5-5	54.219	54.667	55.114	55.561	56.008	56.456	56.903	57.350	57.797	58.244	58.692	59.139	59.586	60.033	60.481	60.928	61.375	61.822	62.269
℄ BEAM 5-6	54.064	54.512	54.959	55.406	55.853	56.301	56.748	57.195	57.642	58.089	58.537	58.984	59.431	59.878	60.326	60.773	61.220	61.667	62.114
RIGHT GUTTER LINE	53.927	54.374	54.821	55.269	55.716	56.163	56.610	57.057	57.505	57.952	58.399	58.846	59.294	59.741	60.188	60.635	61.082	61.530	61.977
℄ BEAM 5-7	53.909	54.357	54.804	55.251	55.698	56.146	56.593	57.040	57.487	57.934	58.382	58.829	59.276	59.723	60.171	60.618	61.065	61.512	61.959
RIGHT BACK FACE OF TRAFFIC RAIL	53.899	54.346	54.793	55.240	55.687	56.135	56.582	57.029	57.476	57.924	58.371	58.818	59.265	59.712	60.160	60.607	61.054	61.501	61.949
℄ BEAM 5-8	53.754	54.202	54.649	55.096	55.543	55.991	56.438	56.885	57.332	57.779	58.227	58.674	59.121	59.568	60.016	60.463	60.910	61.357	61.804
RIGHT FRONT FACE OF CURB	53.696	54.143	54.591	55.038	55.485	55.932	56.379	56.827	57.274	57.721	58.168	58.616	59.063	59.510	59.957	60.404	60.852	61.299	61.746
RIGHT COPING	53.680	54.127	54.575	55.022	55.469	55.916	56.364	56.811	57.258	57.705	58.152	58.600	59.047	59.494	59.941	60.389	60.716	61.283	61.730

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: AJL XX-XX				FINISH GRADE ELEVATIONS (8 OF 17)		
							DESIGNED BY: SKB 10-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.	
							CHECKED BY: PDM 02-20	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B1-68	

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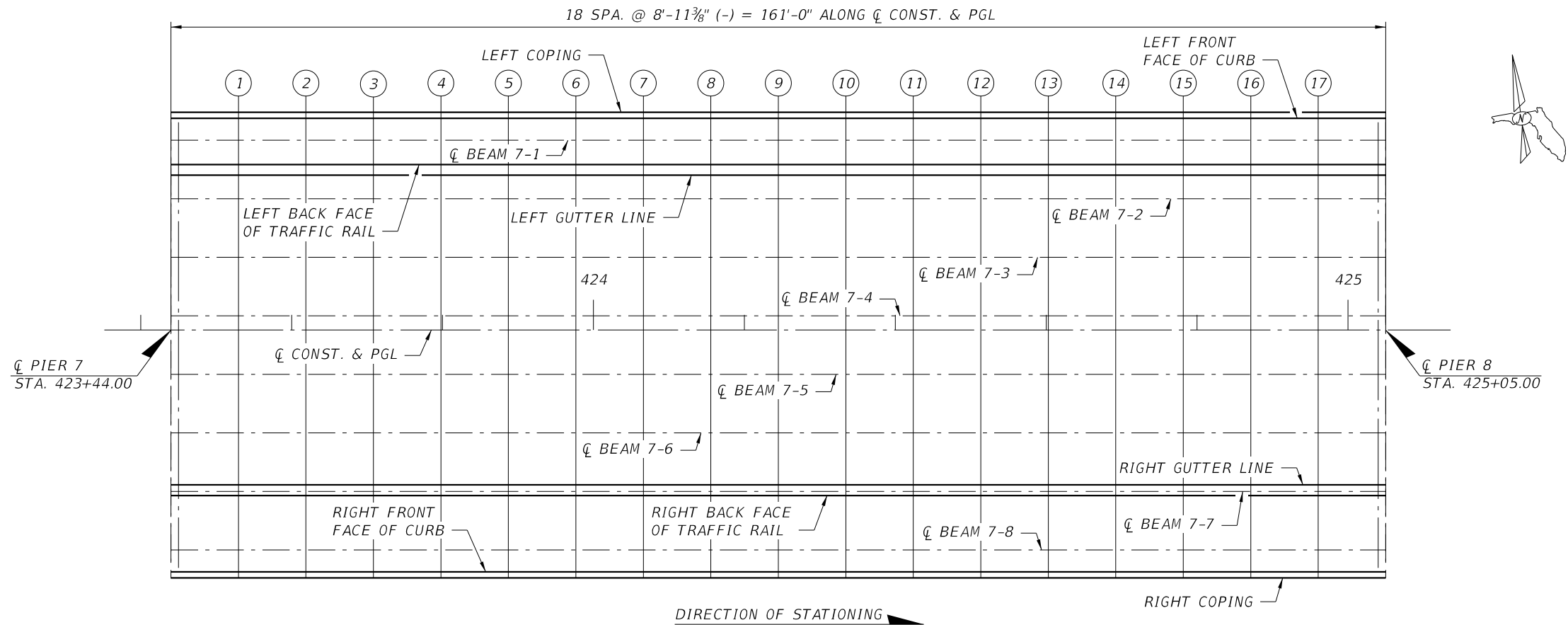


FINISH GRADE ELEVATIONS																			
LOCATION/POINTS	C PIER 6	SPAN 6																	C PIER 7
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
LEFT COPING	61.810	62.251	62.681	63.099	63.506	63.901	64.285	64.657	65.018	65.368	65.706	66.032	66.348	66.652	66.944	67.225	67.494	67.753	67.999
LEFT FRONT FACE OF CURB	61.826	62.267	62.697	63.115	63.521	63.917	64.301	64.673	65.034	65.383	65.722	66.048	66.364	66.667	66.960	67.241	67.510	67.768	68.015
C BEAM 6-1	61.884	62.325	62.755	63.173	63.580	63.975	64.359	64.731	65.092	65.442	65.780	66.107	66.422	66.726	67.018	67.299	67.569	67.827	68.073
LEFT BACK FACE OF TRAFFIC RAIL	61.949	62.390	62.819	63.237	63.644	64.039	64.423	64.795	65.156	65.506	65.844	66.171	66.486	66.790	67.082	67.363	67.633	67.891	68.138
LEFT GUTTER LINE	61.977	62.418	62.847	63.266	63.672	64.068	64.451	64.824	65.185	65.534	65.872	66.199	66.514	66.818	67.111	67.392	67.661	67.919	68.166
C BEAM 6-2	62.039	62.480	62.910	63.328	63.735	64.130	64.514	64.886	65.247	65.597	65.935	66.262	66.577	66.881	67.173	67.454	67.724	67.982	68.228
C BEAM 6-3	62.194	62.635	63.065	63.483	63.890	64.285	64.669	65.041	65.402	65.752	66.090	66.417	66.732	67.036	67.328	67.609	67.879	68.137	68.383
C BEAM 6-4	62.349	62.790	63.220	63.638	64.045	64.440	64.824	65.196	65.557	65.907	66.245	66.572	66.887	67.191	67.483	67.764	68.034	68.292	68.538
C CONST. & PGL	62.387	62.828	63.257	63.676	64.082	64.478	64.861	65.234	65.595	65.944	66.282	66.609	66.924	67.228	67.521	67.802	68.071	68.329	68.576
C BEAM 6-5	62.269	62.710	63.140	63.558	63.965	64.360	64.744	65.116	65.477	65.827	66.165	66.492	66.807	67.111	67.403	67.684	67.954	68.212	68.458
C BEAM 6-6	62.114	62.555	62.985	63.403	63.810	64.205	64.589	64.961	65.322	65.672	66.010	66.337	66.652	66.956	67.248	67.529	67.799	68.057	68.303
RIGHT GUTTER LINE	61.977	62.418	62.847	63.266	63.672	64.068	64.451	64.824	65.185	65.534	65.872	66.199	66.514	66.818	67.111	67.392	67.661	67.919	68.166
C BEAM 6-7	61.959	62.400	62.830	63.248	63.655	64.050	64.434	64.806	65.167	65.517	65.855	66.182	66.497	66.801	67.093	67.374	67.644	67.902	68.148
RIGHT BACK FACE OF TRAFFIC RAIL	61.949	62.390	62.819	63.237	63.644	64.039	64.423	64.795	65.156	65.506	65.844	66.171	66.486	66.790	67.082	67.363	67.633	67.891	68.138
C BEAM 6-8	61.804	62.245	62.675	63.093	63.500	63.895	64.279	64.651	65.012	65.362	65.700	66.027	66.342	66.646	66.938	67.219	67.489	67.747	67.993
RIGHT FRONT FACE OF CURB	61.746	62.187	62.617	63.035	63.441	63.837	64.221	64.593	64.954	65.303	65.642	65.968	66.284	66.587	66.880	67.161	67.430	67.688	67.935
RIGHT COPING	61.730	62.171	62.601	63.019	63.426	63.821	64.205	64.577	64.938	65.288	65.626	65.952	66.268	66.572	66.864	67.145	67.414	67.673	67.919

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: AJL XX-XX				FINISH GRADE ELEVATIONS (9 OF 17)		
							DESIGNED BY: SKB 10-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.	
							CHECKED BY: PDM 02-20	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B1-69	

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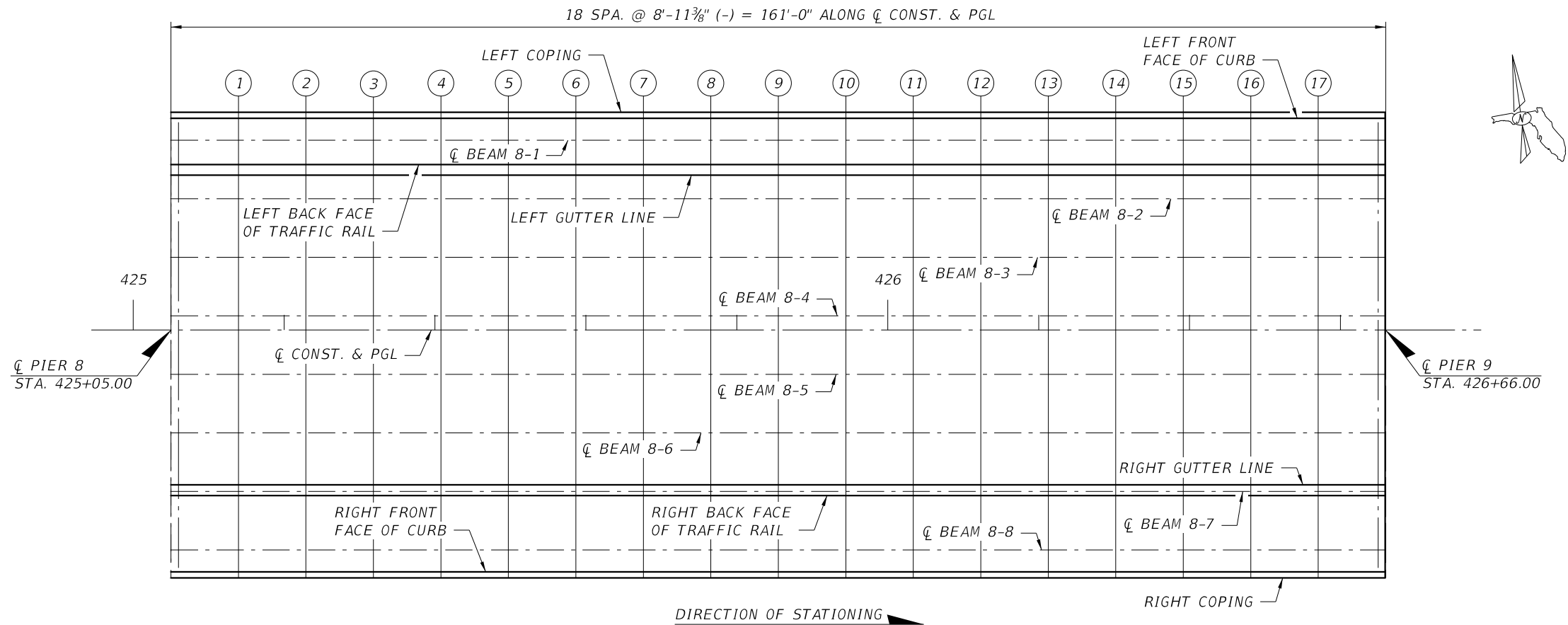
PLAN SHOWING LOCATION OF FINISH GRADE ELEVATIONS
SPAN 7

FINISH GRADE ELEVATIONS																			
LOCATION/POINTS	℄ PIER 7	SPAN 7																	℄ PIER 8
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
LEFT COPING	67.999	68.235	68.458	68.671	68.872	69.061	69.239	69.406	69.561	69.705	69.838	69.959	70.068	70.166	70.253	70.328	70.392	70.444	70.485
LEFT FRONT FACE OF CURB	68.015	68.250	68.474	68.687	68.888	69.077	69.255	69.422	69.577	69.721	69.853	69.974	70.084	70.182	70.269	70.344	70.408	70.460	70.501
℄ BEAM 7-1	68.073	68.309	68.533	68.745	68.946	69.135	69.314	69.480	69.636	69.779	69.912	70.033	70.142	70.240	70.327	70.402	70.466	70.519	70.560
LEFT BACK FACE OF TRAFFIC RAIL	68.138	68.373	68.597	68.809	69.010	69.200	69.378	69.544	69.700	69.844	69.976	70.097	70.206	70.305	70.391	70.467	70.530	70.583	70.624
LEFT GUTTER LINE	68.166	68.401	68.625	68.837	69.038	69.228	69.406	69.573	69.728	69.872	70.004	70.125	70.235	70.333	70.420	70.495	70.559	70.611	70.652
℄ BEAM 7-2	68.228	68.464	68.688	68.900	69.101	69.290	69.469	69.635	69.791	69.934	70.067	70.188	70.297	70.395	70.482	70.557	70.621	70.674	70.715
℄ BEAM 7-3	68.383	68.619	68.843	69.055	69.256	69.445	69.624	69.790	69.946	70.089	70.222	70.343	70.452	70.550	70.637	70.712	70.776	70.829	70.870
℄ BEAM 7-4	68.538	68.774	68.998	69.210	69.411	69.600	69.779	69.945	70.101	70.244	70.377	70.498	70.607	70.705	70.792	70.867	70.931	70.984	71.025
℄ CONST. & PGL	68.576	68.811	69.035	69.247	69.448	69.638	69.816	69.983	70.138	70.282	70.414	70.535	70.645	70.743	70.830	70.905	70.969	71.021	71.062
℄ BEAM 7-5	68.458	68.694	68.918	69.130	69.331	69.520	69.699	69.865	70.021	70.164	70.297	70.418	70.527	70.625	70.712	70.787	70.851	70.904	70.945
℄ BEAM 7-6	68.303	68.539	68.763	68.975	69.176	69.365	69.544	69.710	69.866	70.009	70.142	70.263	70.372	70.470	70.557	70.632	70.696	70.749	70.790
RIGHT GUTTER LINE	68.166	68.401	68.625	68.837	69.038	69.228	69.406	69.573	69.728	69.872	70.004	70.125	70.235	70.333	70.420	70.495	70.559	70.611	70.652
℄ BEAM 7-7	68.148	68.384	68.608	68.820	69.021	69.210	69.389	69.555	69.711	69.854	69.987	70.108	70.217	70.315	70.402	70.477	70.541	70.594	70.635
RIGHT BACK FACE OF TRAFFIC RAIL	68.138	68.373	68.597	68.809	69.010	69.200	69.378	69.544	69.700	69.844	69.976	70.097	70.206	70.305	70.391	70.467	70.530	70.583	70.624
℄ BEAM 7-8	67.993	68.229	68.453	68.665	68.866	69.055	69.234	69.400	69.556	69.699	69.832	69.953	70.062	70.160	70.247	70.322	70.386	70.439	70.480
RIGHT FRONT FACE OF CURB	67.935	68.170	68.394	68.607	68.808	68.997	69.175	69.342	69.497	69.641	69.773	69.894	70.004	70.102	70.189	70.264	70.328	70.380	70.421
RIGHT COPING	67.919	68.155	68.378	68.591	68.792	68.981	69.159	69.326	69.481	69.625	69.758	69.879	69.988	70.086	70.173	70.248	70.312	70.364	70.405

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: FINISH GRADE ELEVATIONS (10 OF 17)		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: AJL XX-XX						
							DESIGNED BY: SKB 10-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.	
							CHECKED BY: PDM 02-20	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B1-70	

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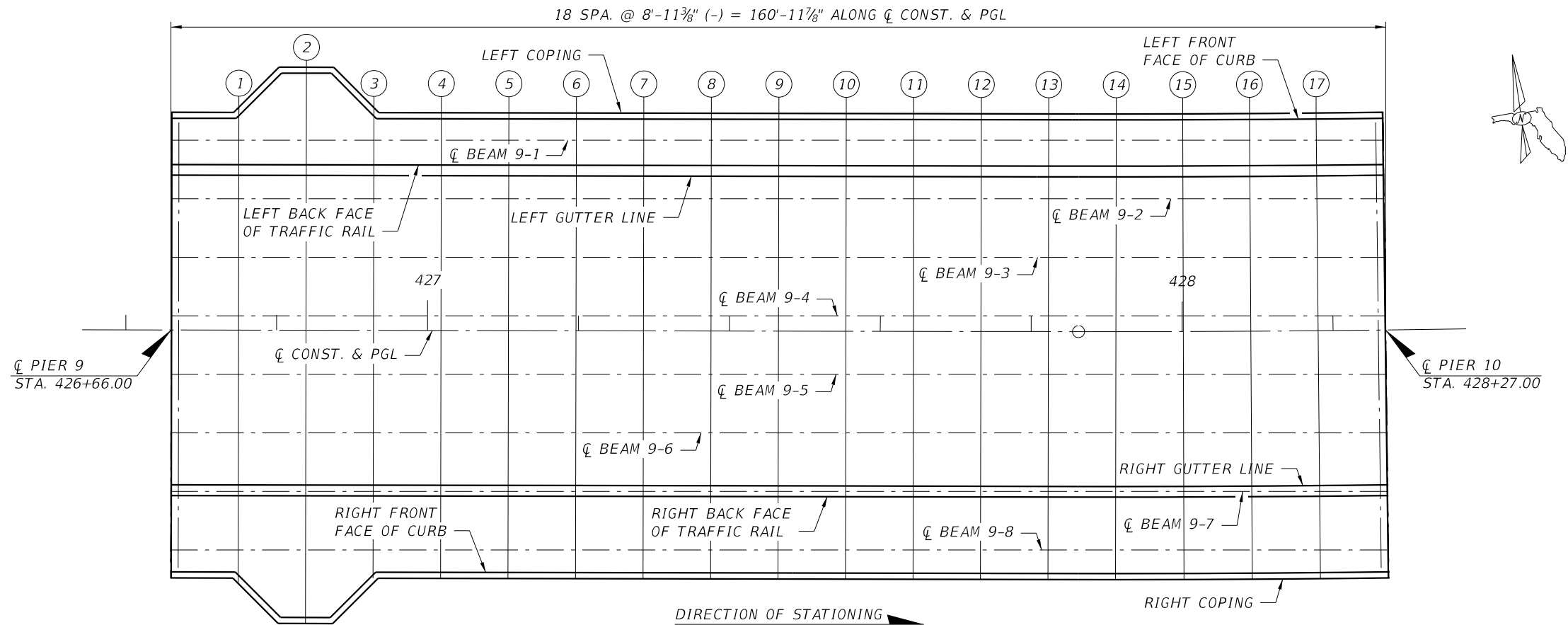
PLAN SHOWING LOCATION OF FINISH GRADE ELEVATIONS
SPAN 8

FINISH GRADE ELEVATIONS																			
LOCATION/POINTS	℄ PIER 8	SPAN 8																℄ PIER 9	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		17
LEFT COPING	70.485	70.515	70.533	70.540	70.535	70.519	70.491	70.452	70.402	70.340	70.266	70.182	70.086	69.978	69.859	69.728	69.587	69.433	69.268
LEFT FRONT FACE OF CURB	70.501	70.531	70.549	70.556	70.551	70.535	70.507	70.468	70.417	70.356	70.282	70.198	70.101	69.994	69.875	69.744	69.602	69.449	69.284
℄ BEAM 8-1	70.560	70.589	70.607	70.614	70.609	70.593	70.565	70.526	70.476	70.414	70.341	70.256	70.160	70.052	69.933	69.803	69.661	69.507	69.343
LEFT BACK FACE OF TRAFFIC RAIL	70.624	70.653	70.671	70.678	70.673	70.657	70.629	70.590	70.540	70.478	70.405	70.320	70.224	70.116	69.997	69.867	69.725	69.572	69.407
LEFT GUTTER LINE	70.652	70.682	70.700	70.706	70.702	70.685	70.658	70.619	70.568	70.506	70.433	70.348	70.252	70.145	70.026	69.895	69.753	69.600	69.435
℄ BEAM 8-2	70.715	70.744	70.762	70.769	70.764	70.748	70.720	70.681	70.631	70.569	70.496	70.411	70.315	70.207	70.088	69.958	69.816	69.662	69.498
℄ BEAM 8-3	70.870	70.899	70.917	70.924	70.919	70.903	70.875	70.836	70.786	70.724	70.651	70.566	70.470	70.362	70.243	70.113	69.971	69.817	69.653
℄ BEAM 8-4	71.025	71.054	71.072	71.079	71.074	71.058	71.030	70.991	70.941	70.879	70.806	70.721	70.625	70.517	70.398	70.268	70.126	69.972	69.808
℄ CONST. & PGL	71.062	71.092	71.110	71.116	71.112	71.095	71.068	71.029	70.978	70.916	70.843	70.758	70.662	70.555	70.436	70.305	70.163	70.010	69.845
℄ BEAM 8-5	70.945	70.974	70.992	70.999	70.994	70.978	70.950	70.911	70.861	70.799	70.726	70.641	70.545	70.437	70.318	70.188	70.046	69.892	69.728
℄ BEAM 8-6	70.790	70.819	70.837	70.844	70.839	70.823	70.795	70.756	70.706	70.644	70.571	70.486	70.390	70.282	70.163	70.033	69.891	69.737	69.573
RIGHT GUTTER LINE	70.652	70.682	70.700	70.706	70.702	70.685	70.658	70.619	70.568	70.506	70.433	70.348	70.252	70.145	70.026	69.895	69.753	69.600	69.435
℄ BEAM 8-7	70.635	70.664	70.682	70.689	70.684	70.668	70.640	70.601	70.551	70.489	70.416	70.331	70.235	70.127	70.008	69.878	69.736	69.582	69.418
RIGHT BACK FACE OF TRAFFIC RAIL	70.624	70.653	70.671	70.678	70.673	70.657	70.629	70.590	70.540	70.478	70.405	70.320	70.224	70.116	69.997	69.867	69.725	69.572	69.407
℄ BEAM 8-8	70.480	70.509	70.527	70.534	70.529	70.513	70.485	70.446	70.396	70.334	70.261	70.176	70.080	69.972	69.853	69.723	69.581	69.427	69.263
RIGHT FRONT FACE OF CURB	70.421	70.451	70.469	70.476	70.471	70.455	70.427	70.388	70.337	70.276	70.202	70.118	70.021	69.914	69.795	69.664	69.522	69.369	69.204
RIGHT COPING	70.405	70.435	70.453	70.460	70.455	70.439	70.411	70.372	70.322	70.260	70.186	70.102	70.006	69.898	69.779	69.648	69.507	69.353	69.188

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-19			LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: FINISH GRADE ELEVATIONS (11 OF 17)		REF. DWG. NO.
DATE	BY	DESCRIPTION			DATE		BY	DESCRIPTION <td colspan="1" rowspan="3">ROAD NO.</td> <td colspan="1" rowspan="3">COUNTY</td> <td colspan="1" rowspan="3">COUNTY PROJECT No</td> <td colspan="1" rowspan="3">PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS</td> <td colspan="1" rowspan="3">SHEET NO. B1-71</td>							
											CR 865	LEE	CN160002		

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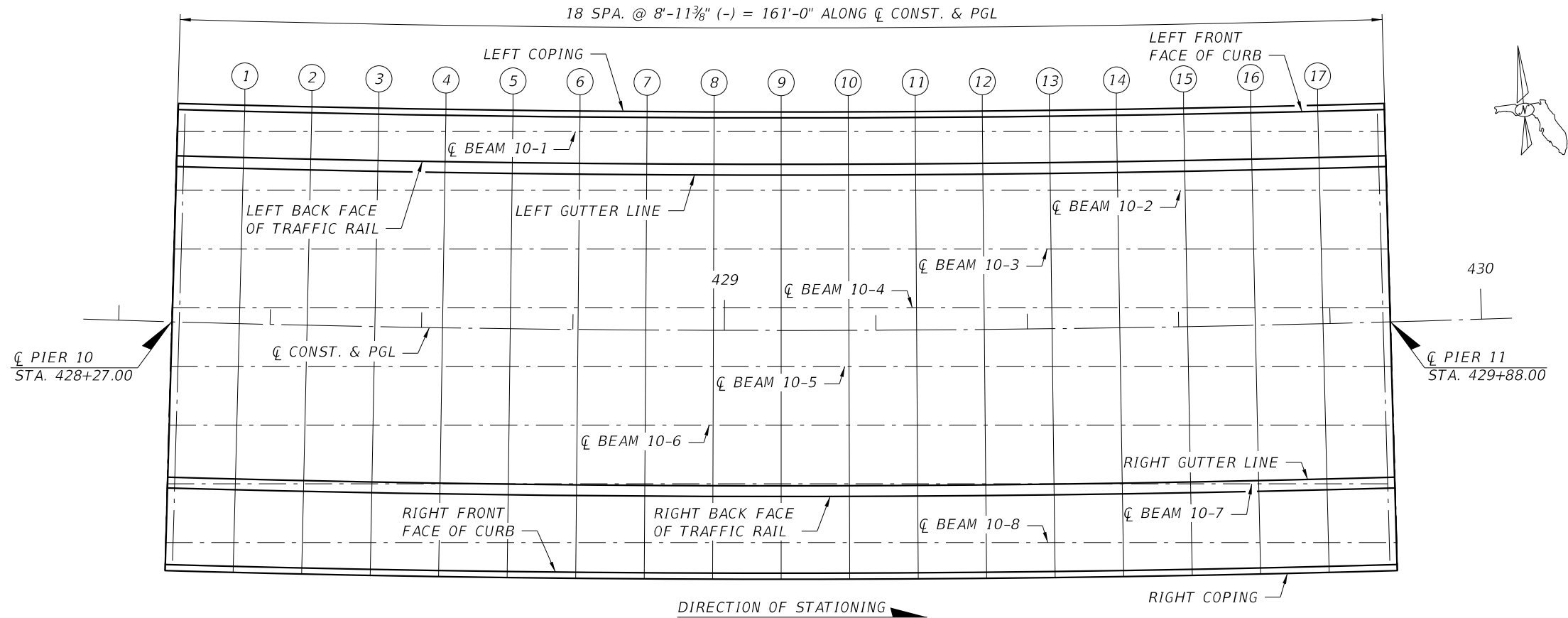


FINISH GRADE ELEVATIONS																			
LOCATION/POINTS	℄ PIER 9	SPAN 9																	℄ PIER 10
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
LEFT COPING	69.268	69.092	68.785	68.706	68.495	68.273	68.040	67.795	67.539	67.271	66.992	66.702	66.400	66.087	65.762	65.426	65.078	64.719	64.349
LEFT FRONT FACE OF CURB	69.284	69.108	68.920	68.721	68.511	68.289	68.056	67.811	67.555	67.287	67.008	66.718	66.416	66.102	65.778	65.441	65.094	64.735	64.364
℄ BEAM 9-1	69.343	69.166	68.978	68.779	68.568	68.346	68.112	67.867	67.611	67.343	67.063	66.772	66.470	66.157	65.832	65.496	65.149	64.791	64.423
LEFT BACK FACE OF TRAFFIC RAIL	69.407	69.231	69.043	68.844	68.633	68.412	68.178	67.933	67.677	67.410	67.131	66.840	66.538	66.225	65.900	65.564	65.216	64.857	64.487
LEFT GUTTER LINE	69.435	69.259	69.071	68.872	68.662	68.440	68.207	67.962	67.706	67.438	67.159	66.868	66.567	66.253	65.928	65.592	65.245	64.886	64.515
℄ BEAM 9-2	69.498	69.321	69.133	68.934	68.723	68.501	68.267	68.022	67.766	67.498	67.218	66.927	66.625	66.312	65.987	65.651	65.304	64.946	64.578
℄ BEAM 9-3	69.653	69.476	69.288	69.089	68.878	68.656	68.422	68.177	67.921	67.653	67.373	67.082	66.780	66.467	66.142	65.806	65.459	65.101	64.733
℄ BEAM 9-4	69.808	69.631	69.443	69.244	69.033	68.811	68.577	68.332	68.076	67.808	67.528	67.237	66.935	66.622	66.297	65.961	65.614	65.256	64.888
℄ CONST. & PGL	69.845	69.669	69.481	69.282	69.072	68.850	68.617	68.372	68.116	67.848	67.569	67.278	66.977	66.663	66.338	66.002	65.655	65.296	64.925
℄ BEAM 9-5	69.728	69.552	69.364	69.166	68.956	68.734	68.501	68.257	68.001	67.733	67.455	67.165	66.863	66.550	66.225	65.889	65.541	65.180	64.808
℄ BEAM 9-6	69.573	69.397	69.209	69.011	68.801	68.579	68.346	68.102	67.846	67.578	67.300	67.010	66.708	66.395	66.070	65.734	65.386	65.025	64.653
RIGHT GUTTER LINE	69.435	69.259	69.071	68.872	68.662	68.440	68.207	67.962	67.706	67.438	67.159	66.868	66.567	66.253	65.928	65.592	65.245	64.886	64.515
℄ BEAM 9-7	69.418	69.242	69.054	68.856	68.646	68.424	68.191	67.947	67.691	67.423	67.145	66.855	66.553	66.240	65.915	65.579	65.231	64.870	64.498
RIGHT BACK FACE OF TRAFFIC RAIL	69.407	69.231	69.043	68.844	68.633	68.412	68.178	67.933	67.677	67.410	67.131	66.840	66.538	66.225	65.900	65.564	65.216	64.857	64.487
℄ BEAM 9-8	69.263	69.087	68.899	68.701	68.491	68.269	68.036	67.792	67.536	67.268	66.990	66.700	66.398	66.085	65.760	65.424	65.076	64.715	64.343
RIGHT FRONT FACE OF CURB	69.204	69.028	68.840	68.641	68.431	68.209	67.976	67.731	67.475	67.207	66.928	66.638	66.336	66.022	65.698	65.361	65.014	64.655	64.284
RIGHT COPING	69.188	69.012	68.705	68.626	68.415	68.193	67.960	67.715	67.459	67.191	66.912	66.622	66.320	66.007	65.682	65.346	64.998	64.639	64.269

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-19			LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: FINISH GRADE ELEVATIONS (12 OF 17)		REF. DWG. NO.
DATE	BY	DESCRIPTION			DATE		BY	DESCRIPTION							
										DESIGNED BY: SKB 10-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.
										CHECKED BY: PDM 02-20	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B1-72

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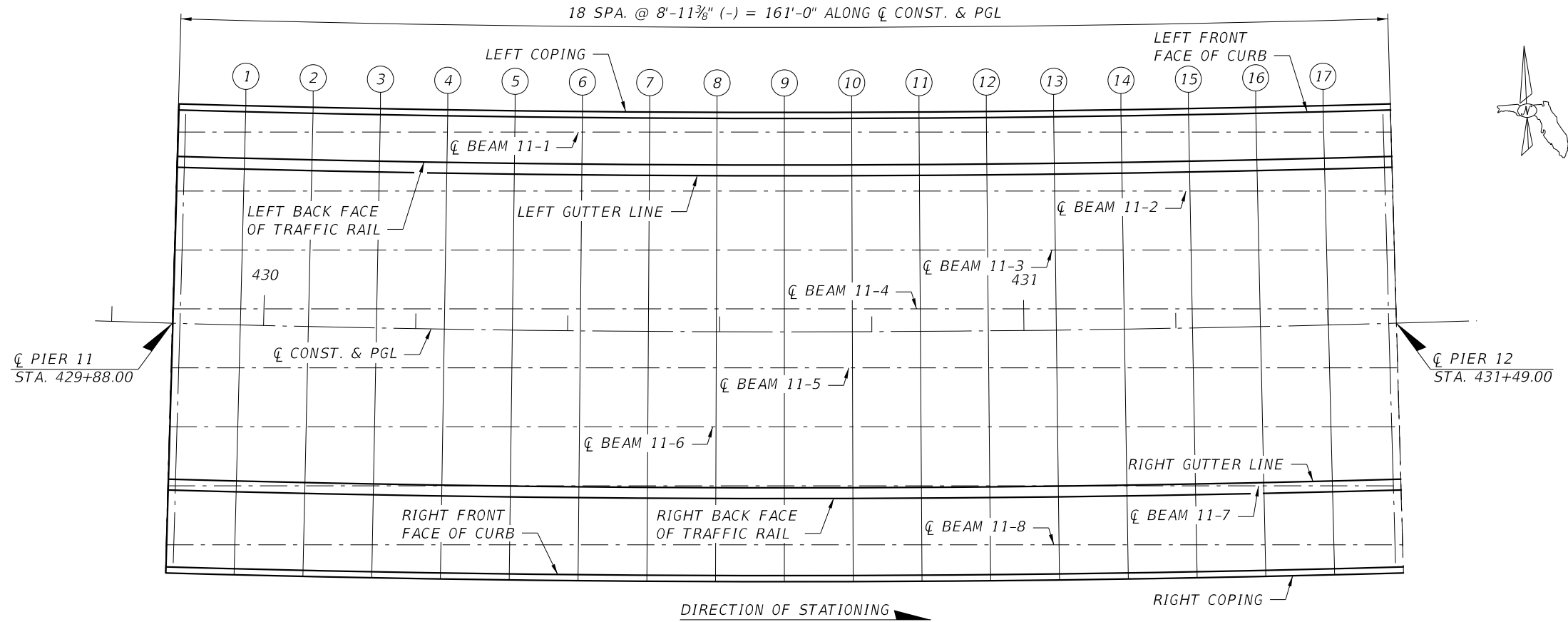
PLAN SHOWING LOCATION OF FINISH GRADE ELEVATIONS
SPAN 10

FINISH GRADE ELEVATIONS																			
LOCATION/POINTS	℄ PIER 10	SPAN 10																	℄ PIER 11
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
LEFT COPING	64.349	63.967	63.573	63.168	62.752	62.325	61.886	61.439	60.991	60.544	60.097	59.650	59.203	58.755	58.308	57.861	57.414	56.966	56.519
LEFT FRONT FACE OF CURB	64.364	63.982	63.589	63.184	62.768	62.341	61.901	61.455	61.007	60.560	60.113	59.666	59.218	58.771	58.324	57.877	57.430	56.982	56.535
℄ BEAM 10-1	64.422	64.036	63.638	63.230	62.811	62.381	61.940	61.491	61.043	60.596	60.149	59.702	59.257	58.811	58.367	57.922	57.479	57.036	56.593
LEFT BACK FACE OF TRAFFIC RAIL	64.487	64.105	63.712	63.307	62.891	62.463	62.024	61.577	61.130	60.683	60.235	59.788	59.341	58.894	58.446	57.999	57.552	57.105	56.658
LEFT GUTTER LINE	64.515	64.133	63.740	63.335	62.919	62.491	62.052	61.605	61.158	60.711	60.264	59.816	59.369	58.922	58.475	58.028	57.580	57.133	56.686
℄ BEAM 10-2	64.578	64.191	63.793	63.385	62.966	62.536	62.095	61.646	61.198	60.751	60.304	59.857	59.412	58.966	58.522	58.077	57.634	57.191	56.748
℄ BEAM 10-3	64.733	64.346	63.948	63.540	63.121	62.691	62.250	61.801	61.353	60.906	60.459	60.012	59.567	59.121	58.677	58.232	57.789	57.346	56.903
℄ BEAM 10-4	64.888	64.501	64.103	63.695	63.276	62.846	62.405	61.956	61.508	61.061	60.614	60.167	59.722	59.276	58.832	58.387	57.944	57.501	57.058
℄ CONST. & PGL	64.925	64.543	64.150	63.745	63.329	62.901	62.462	62.015	61.568	61.121	60.674	60.226	59.779	59.332	58.885	58.438	57.990	57.543	57.096
℄ BEAM 10-5	64.808	64.430	64.041	63.640	63.227	62.802	62.365	61.919	61.473	61.026	60.579	60.130	59.682	59.233	58.783	58.333	57.882	57.430	56.978
℄ BEAM 10-6	64.653	64.275	63.886	63.485	63.072	62.647	62.210	61.764	61.318	60.871	60.424	59.975	59.527	59.078	58.628	58.178	57.727	57.275	56.823
RIGHT GUTTER LINE	64.515	64.133	63.740	63.335	62.919	62.491	62.052	61.605	61.158	60.711	60.264	59.816	59.369	58.922	58.475	58.028	57.580	57.133	56.686
℄ BEAM 10-7	64.498	64.120	63.731	63.330	62.917	62.492	62.055	61.609	61.163	60.716	60.269	59.820	59.372	58.923	58.473	58.023	57.572	57.120	56.668
RIGHT BACK FACE OF TRAFFIC RAIL	64.487	64.105	63.712	63.307	62.891	62.463	62.024	61.577	61.130	60.683	60.235	59.788	59.341	58.894	58.446	57.999	57.552	57.105	56.658
℄ BEAM 10-8	64.342	63.965	63.576	63.175	62.762	62.337	61.900	61.454	61.008	60.561	60.114	59.665	59.217	58.768	58.318	57.868	57.417	56.965	56.513
RIGHT FRONT FACE OF CURB	64.284	63.902	63.509	63.104	62.688	62.261	61.821	61.375	60.927	60.480	60.033	59.586	59.138	58.691	58.244	57.797	57.350	56.902	56.455
RIGHT COPING	64.269	63.887	63.493	63.088	62.672	62.245	61.806	61.359	60.911	60.464	60.017	59.570	59.123	58.675	58.228	57.781	57.334	56.886	56.439

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-19 CHECKED BY: AJL XX-XX DESIGNED BY: SKB 10-19 CHECKED BY: PDM 02-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: FINISH GRADE ELEVATIONS (13 OF 17)		REF. DWG. NO.
DATE	BY	DESCRIPTION		DATE	BY			ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:		SHEET NO.
								CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		B1-73

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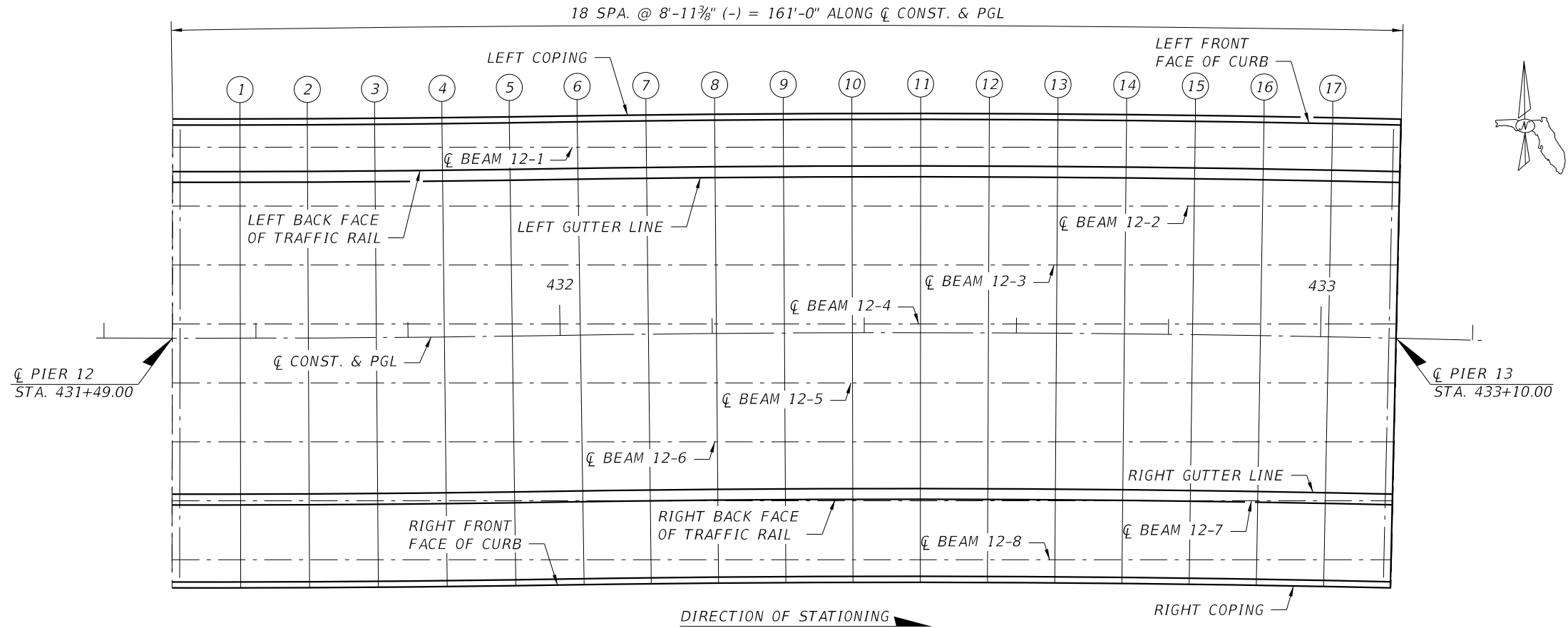
PLAN SHOWING LOCATION OF FINISH GRADE ELEVATIONS
SPAN 11

FINISH GRADE ELEVATIONS																			
LOCATION/POINTS	℄ PIER 11	SPAN 11																	℄ PIER 12
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
LEFT COPING	56.519	56.072	55.625	55.178	54.730	54.283	53.836	53.389	52.941	52.494	52.047	51.600	51.153	50.705	50.258	49.811	49.364	48.916	48.469
LEFT FRONT FACE OF CURB	56.535	56.088	55.641	55.193	54.746	54.299	53.852	53.405	52.957	52.510	52.063	51.616	51.168	50.721	50.274	49.827	49.380	48.932	48.485
℄ BEAM 11-1	56.593	56.141	55.690	55.239	54.789	54.339	53.890	53.441	52.993	52.546	52.099	51.652	51.207	50.761	50.317	49.872	49.429	48.986	48.543
LEFT BACK FACE OF TRAFFIC RAIL	56.658	56.210	55.763	55.316	54.869	54.421	53.974	53.527	53.080	52.633	52.185	51.738	51.291	50.844	50.396	49.949	49.502	49.055	48.608
LEFT GUTTER LINE	56.686	56.239	55.791	55.344	54.897	54.450	54.003	53.555	53.108	52.661	52.214	51.766	51.319	50.872	50.425	49.978	49.530	49.083	48.636
℄ BEAM 11-2	56.748	56.296	55.845	55.394	54.944	54.494	54.045	53.596	53.148	52.701	52.254	51.807	51.362	50.916	50.472	50.027	49.584	49.141	48.698
℄ BEAM 11-3	56.903	56.451	56.000	55.549	55.099	54.649	54.200	53.751	53.303	52.856	52.409	51.962	51.517	51.071	50.627	50.182	49.739	49.296	48.853
℄ BEAM 11-4	57.058	56.606	56.155	55.704	55.254	54.804	54.355	53.906	53.458	53.011	52.564	52.117	51.672	51.226	50.782	50.337	49.894	49.451	49.008
℄ CONST. & PGL	57.096	56.649	56.201	55.754	55.307	54.860	54.413	53.965	53.518	53.071	52.624	52.176	51.729	51.282	50.835	50.388	49.940	49.493	49.046
℄ BEAM 11-5	56.978	56.536	56.093	55.649	55.205	54.760	54.315	53.869	53.423	52.976	52.529	52.080	51.632	51.183	50.733	50.283	49.832	49.380	48.928
℄ BEAM 11-6	56.823	56.381	55.938	55.494	55.050	54.605	54.160	53.714	53.268	52.821	52.374	51.925	51.477	51.028	50.578	50.128	49.677	49.225	48.773
RIGHT GUTTER LINE	56.686	56.239	55.791	55.344	54.897	54.450	54.003	53.555	53.108	52.661	52.214	51.766	51.319	50.872	50.425	49.978	49.530	49.083	48.636
℄ BEAM 11-7	56.668	56.226	55.783	55.339	54.895	54.450	54.005	53.559	53.113	52.666	52.219	51.770	51.322	50.873	50.423	49.973	49.522	49.070	48.618
RIGHT BACK FACE OF TRAFFIC RAIL	56.658	56.210	55.763	55.316	54.869	54.421	53.974	53.527	53.080	52.633	52.185	51.738	51.291	50.844	50.396	49.949	49.502	49.055	48.608
℄ BEAM 11-8	56.513	56.071	55.628	55.184	54.740	54.295	53.850	53.404	52.958	52.511	52.064	51.615	51.167	50.718	50.268	49.818	49.367	48.915	48.463
RIGHT FRONT FACE OF CURB	56.455	56.008	55.561	55.113	54.666	54.219	53.772	53.325	52.877	52.430	51.983	51.536	51.088	50.641	50.194	49.747	49.300	48.852	48.405
RIGHT COPING	56.439	55.992	55.545	55.098	54.650	54.203	53.756	53.309	52.861	52.414	51.967	51.520	51.073	50.625	50.178	49.731	49.284	48.836	48.389

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: AJL XX-XX				FINISH GRADE ELEVATIONS (14 OF 17)		
							DESIGNED BY: SKB 10-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.	
							CHECKED BY: PDM 02-20	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B1-74	

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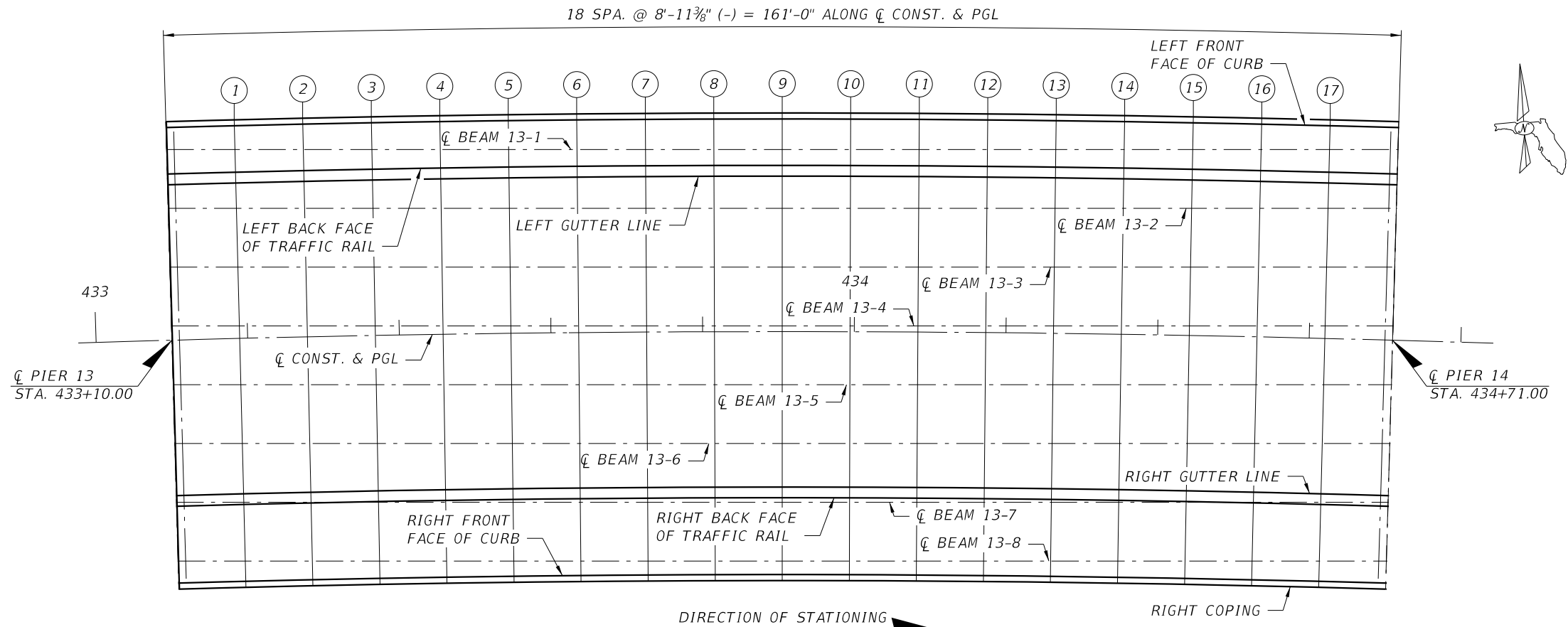
PLAN SHOWING LOCATION OF FINISH GRADE ELEVATIONS
SPAN 12

FINISH GRADE ELEVATIONS																			
LOCATION/POINTS	℄ PIER 12	SPAN 12																	℄ PIER 13
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
LEFT COPING	48.469	48.022	47.575	47.128	46.680	46.233	45.786	45.339	44.891	44.444	43.997	43.550	43.103	42.655	42.208	41.761	41.314	40.866	40.419
LEFT FRONT FACE OF CURB	48.485	48.038	47.591	47.143	46.696	46.249	45.802	45.355	44.907	44.460	44.013	43.566	43.118	42.671	42.224	41.777	41.330	40.882	40.435
℄ BEAM 12-1	48.543	48.096	47.650	47.203	46.758	46.313	45.868	45.424	44.978	44.532	44.086	43.639	43.191	42.743	42.294	41.845	41.395	40.944	40.493
LEFT BACK FACE OF TRAFFIC RAIL	48.608	48.160	47.713	47.266	46.819	46.371	45.924	45.477	45.030	44.583	44.135	43.688	43.241	42.794	42.346	41.899	41.452	41.005	40.558
LEFT GUTTER LINE	48.636	48.189	47.741	47.294	46.847	46.400	45.953	45.505	45.058	44.611	44.164	43.716	43.269	42.822	42.375	41.928	41.480	41.033	40.586
℄ BEAM 12-2	48.698	48.251	47.805	47.358	46.913	46.468	46.023	45.579	45.133	44.687	44.241	43.794	43.346	42.898	42.449	42.000	41.550	41.099	40.648
℄ BEAM 12-3	48.853	48.406	47.960	47.513	47.068	46.623	46.178	45.734	45.288	44.842	44.396	43.949	43.501	43.053	42.604	42.155	41.705	41.254	40.803
℄ BEAM 12-4	49.008	48.561	48.115	47.668	47.223	46.778	46.333	45.889	45.443	44.997	44.551	44.104	43.656	43.208	42.759	42.310	41.860	41.409	40.958
℄ CONST. & PGL	49.046	48.599	48.151	47.704	47.257	46.810	46.363	45.915	45.468	45.021	44.574	44.126	43.679	43.232	42.785	42.338	41.890	41.443	40.996
℄ BEAM 12-5	48.928	48.481	48.033	47.585	47.136	46.687	46.237	45.787	45.338	44.890	44.442	43.994	43.547	43.101	42.656	42.210	41.766	41.322	40.878
℄ BEAM 12-6	48.773	48.326	47.878	47.430	46.981	46.532	46.082	45.632	45.183	44.735	44.287	43.839	43.392	42.946	42.501	42.055	41.611	41.167	40.723
RIGHT GUTTER LINE	48.636	48.189	47.741	47.294	46.847	46.400	45.953	45.505	45.058	44.611	44.164	43.716	43.269	42.822	42.375	41.928	41.480	41.033	40.586
℄ BEAM 12-7	48.618	48.171	47.723	47.275	46.826	46.377	45.927	45.477	45.028	44.580	44.132	43.684	43.237	42.791	42.346	41.900	41.456	41.012	40.568
RIGHT BACK FACE OF TRAFFIC RAIL	48.608	48.160	47.713	47.266	46.819	46.371	45.924	45.477	45.030	44.583	44.135	43.688	43.241	42.794	42.346	41.899	41.452	41.005	40.558
℄ BEAM 12-8	48.463	48.016	47.568	47.120	46.671	46.222	45.772	45.322	44.873	44.425	43.977	43.529	43.082	42.636	42.191	41.745	41.301	40.857	40.413
RIGHT FRONT FACE OF CURB	48.405	47.958	47.511	47.063	46.616	46.169	45.722	45.275	44.827	44.380	43.933	43.486	43.038	42.591	42.144	41.697	41.250	40.802	40.355
RIGHT COPING	48.389	47.942	47.495	47.048	46.600	46.153	45.706	45.259	44.811	44.364	43.917	43.470	43.023	42.575	42.128	41.681	41.234	40.786	40.339

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-19			LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: FINISH GRADE ELEVATIONS (15 OF 17)		REF. DWG. NO.	
DATE	BY	DESCRIPTION			DATE		BY	DESCRIPTION								CHECKED BY: AJL XX-XX
											DESIGNED BY: SKB 10-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.
											CHECKED BY: PDM 02-20	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B1-75

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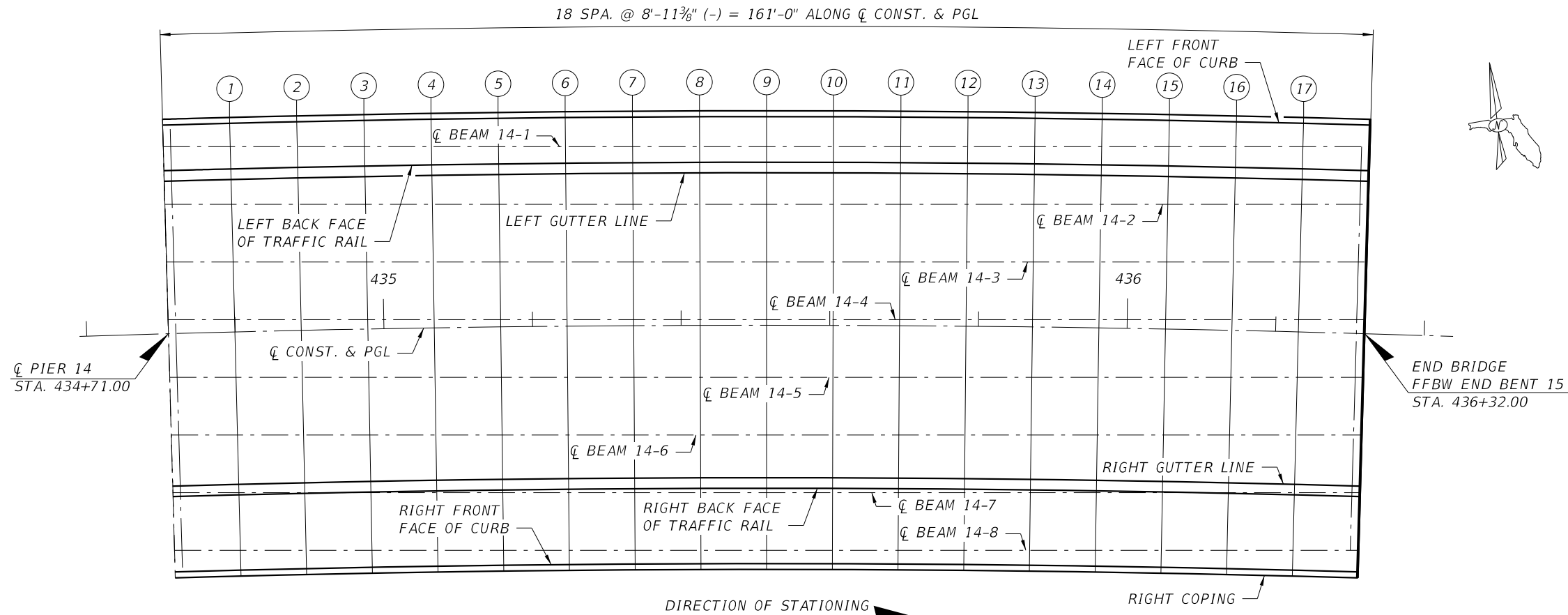
PLAN SHOWING LOCATION OF FINISH GRADE ELEVATIONS
SPAN 13

FINISH GRADE ELEVATIONS																			
LOCATION/POINTS	℄ PIER 13	SPAN 13																	℄ PIER 14
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
LEFT COPING	40.419	39.972	39.525	39.078	38.630	38.183	37.736	37.289	36.841	36.394	35.947	35.500	35.053	34.605	34.158	33.711	33.264	32.816	32.369
LEFT FRONT FACE OF CURB	40.435	39.988	39.541	39.093	38.646	38.199	37.752	37.305	36.857	36.410	35.963	35.516	35.068	34.621	34.174	33.727	33.280	32.832	32.385
℄ BEAM 13-1	40.493	40.051	39.608	39.164	38.720	38.275	37.830	37.384	36.938	36.491	36.043	35.595	35.147	34.698	34.248	33.798	33.347	32.895	32.443
LEFT BACK FACE OF TRAFFIC RAIL	40.558	40.110	39.663	39.216	38.769	38.321	37.874	37.427	36.980	36.533	36.085	35.638	35.191	34.744	34.296	33.849	33.402	32.955	32.508
LEFT GUTTER LINE	40.586	40.139	39.691	39.244	38.797	38.350	37.903	37.455	37.008	36.561	36.114	35.666	35.219	34.772	34.325	33.878	33.430	32.983	32.536
℄ BEAM 13-2	40.648	40.206	39.763	39.319	38.875	38.430	37.985	37.539	37.093	36.646	36.199	35.750	35.302	34.853	34.403	33.953	33.502	33.050	32.598
℄ BEAM 13-3	40.803	40.361	39.918	39.474	39.030	38.585	38.140	37.694	37.248	36.801	36.354	35.905	35.457	35.008	34.558	34.108	33.657	33.205	32.753
℄ BEAM 13-4	40.958	40.516	40.073	39.629	39.185	38.740	38.295	37.849	37.403	36.956	36.509	36.060	35.612	35.163	34.713	34.263	33.812	33.360	32.908
℄ CONST. & PGL	40.996	40.549	40.101	39.654	39.207	38.760	38.313	37.865	37.418	36.971	36.524	36.076	35.629	35.182	34.735	34.288	33.840	33.393	32.946
℄ BEAM 13-5	40.878	40.426	39.975	39.524	39.074	38.624	38.175	37.726	37.278	36.831	36.384	35.937	35.492	35.046	34.602	34.157	33.714	33.271	32.828
℄ BEAM 13-6	40.723	40.271	39.820	39.369	38.919	38.469	38.020	37.571	37.123	36.676	36.229	35.782	35.337	34.891	34.447	34.002	33.559	33.116	32.673
RIGHT GUTTER LINE	40.586	40.139	39.691	39.244	38.797	38.350	37.903	37.455	37.008	36.561	36.114	35.666	35.219	34.772	34.325	33.878	33.430	32.983	32.536
℄ BEAM 13-7	40.568	40.116	39.665	39.214	38.764	38.314	37.865	37.416	36.968	36.521	36.074	35.627	35.182	34.736	34.292	33.847	33.404	32.961	32.518
RIGHT BACK FACE OF TRAFFIC RAIL	40.558	40.110	39.663	39.216	38.769	38.321	37.874	37.427	36.980	36.533	36.085	35.638	35.191	34.744	34.296	33.849	33.402	32.955	32.508
℄ BEAM 13-8	40.413	39.961	39.510	39.059	38.609	38.159	37.710	37.261	36.813	36.366	35.919	35.472	35.027	34.581	34.137	33.692	33.249	32.806	32.363
RIGHT FRONT FACE OF CURB	40.355	39.908	39.461	39.013	38.566	38.119	37.672	37.225	36.777	36.330	35.883	35.436	34.988	34.541	34.094	33.647	33.200	32.752	32.305
RIGHT COPING	40.339	39.892	39.445	38.998	38.550	38.103	37.656	37.209	36.761	36.314	35.867	35.420	34.973	34.525	34.078	33.631	33.184	32.736	32.289

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: AJL XX-XX				FINISH GRADE ELEVATIONS (16 OF 17)		
							DESIGNED BY: SKB 10-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.	
							CHECKED BY: PDM 02-20	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B1-76	

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PLAN SHOWING LOCATION OF FINISH GRADE ELEVATIONS
SPAN 14

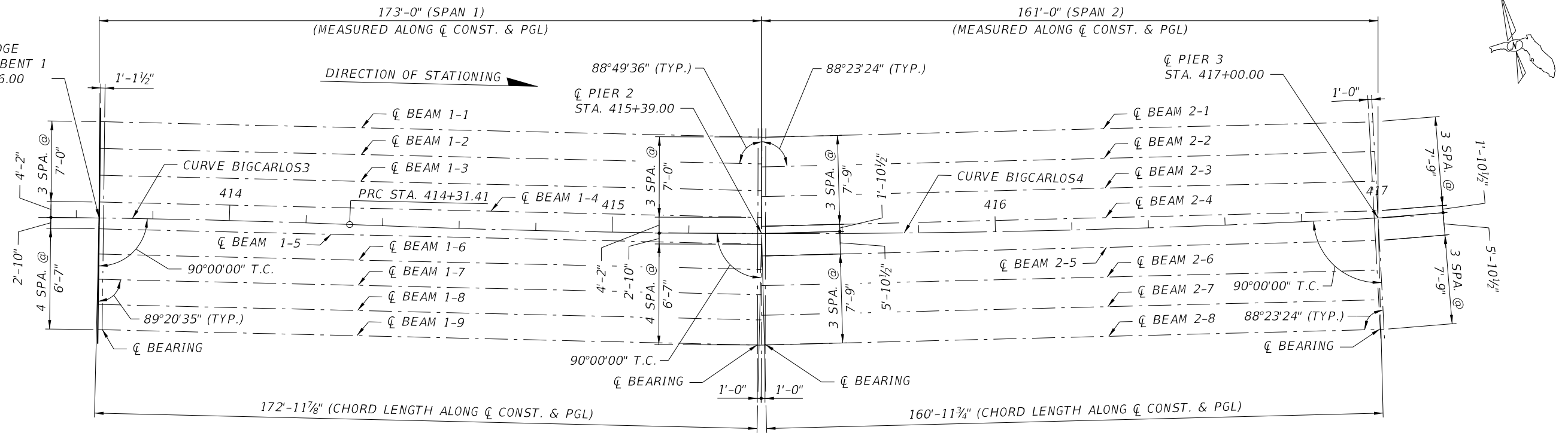
FINISH GRADE ELEVATIONS																			
LOCATION/POINTS	℄ PIER 14	SPAN 14																	END BRIDGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
LEFT COPING	32.369	31.922	31.475	31.028	30.580	30.133	29.686	29.239	28.791	28.344	27.897	27.450	27.003	26.555	26.108	25.661	25.214	24.766	24.319
LEFT FRONT FACE OF CURB	32.385	31.938	31.491	31.043	30.596	30.149	29.702	29.255	28.807	28.360	27.913	27.466	27.018	26.571	26.124	25.677	25.230	24.782	24.335
℄ BEAM 14-1	32.443	32.001	31.558	31.114	30.670	30.225	29.780	29.334	28.888	28.441	27.993	27.545	27.097	26.648	26.198	25.748	25.297	24.845	24.393
LEFT BACK FACE OF TRAFFIC RAIL	32.508	32.060	31.613	31.166	30.719	30.271	29.824	29.377	28.930	28.483	28.035	27.588	27.141	26.694	26.246	25.799	25.352	24.905	24.458
LEFT GUTTER LINE	32.536	32.089	31.641	31.194	30.747	30.300	29.853	29.405	28.958	28.511	28.064	27.616	27.169	26.722	26.275	25.828	25.380	24.933	24.486
℄ BEAM 14-2	32.598	32.156	31.713	31.269	30.825	30.380	29.935	29.489	29.043	28.596	28.149	27.700	27.252	26.803	26.353	25.903	25.452	25.000	24.548
℄ BEAM 14-3	32.753	32.311	31.868	31.424	30.980	30.535	30.090	29.644	29.198	28.751	28.304	27.855	27.407	26.958	26.508	26.058	25.607	25.155	24.703
℄ BEAM 14-4	32.908	32.466	32.023	31.579	31.135	30.690	30.245	29.799	29.353	28.906	28.459	28.010	27.562	27.113	26.663	26.213	25.762	25.310	24.858
℄ CONST. & PGL	32.946	32.499	32.051	31.604	31.157	30.710	30.263	29.815	29.368	28.921	28.474	28.026	27.579	27.132	26.685	26.238	25.790	25.343	24.896
℄ BEAM 14-5	32.828	32.376	31.925	31.474	31.024	30.574	30.125	29.676	29.228	28.781	28.334	27.887	27.442	26.996	26.552	26.107	25.664	25.221	24.778
℄ BEAM 14-6	32.673	32.221	31.770	31.319	30.869	30.419	29.970	29.521	29.073	28.626	28.179	27.732	27.287	26.841	26.397	25.952	25.509	25.066	24.623
RIGHT GUTTER LINE	32.536	32.089	31.641	31.194	30.747	30.300	29.853	29.405	28.958	28.511	28.064	27.616	27.169	26.722	26.275	25.828	25.380	24.933	24.486
℄ BEAM 14-7	32.518	32.066	31.615	31.164	30.714	30.264	29.815	29.366	28.918	28.471	28.024	27.577	27.132	26.686	26.242	25.797	25.354	24.911	24.468
RIGHT BACK FACE OF TRAFFIC RAIL	32.508	32.060	31.613	31.166	30.719	30.271	29.824	29.377	28.930	28.483	28.035	27.588	27.141	26.694	26.246	25.799	25.352	24.905	24.458
℄ BEAM 14-8	32.363	31.911	31.460	31.009	30.559	30.109	29.660	29.211	28.763	28.316	27.869	27.422	26.977	26.531	26.087	25.642	25.199	24.756	24.313
RIGHT FRONT FACE OF CURB	32.305	31.858	31.411	30.963	30.516	30.069	29.622	29.175	28.727	28.280	27.833	27.386	26.938	26.491	26.044	25.597	25.150	24.702	24.255
RIGHT COPING	32.289	31.842	31.395	30.948	30.500	30.053	29.606	29.159	28.711	28.264	27.817	27.370	26.923	26.475	26.028	25.581	25.134	24.686	24.239

BRIDGE NO. 124143

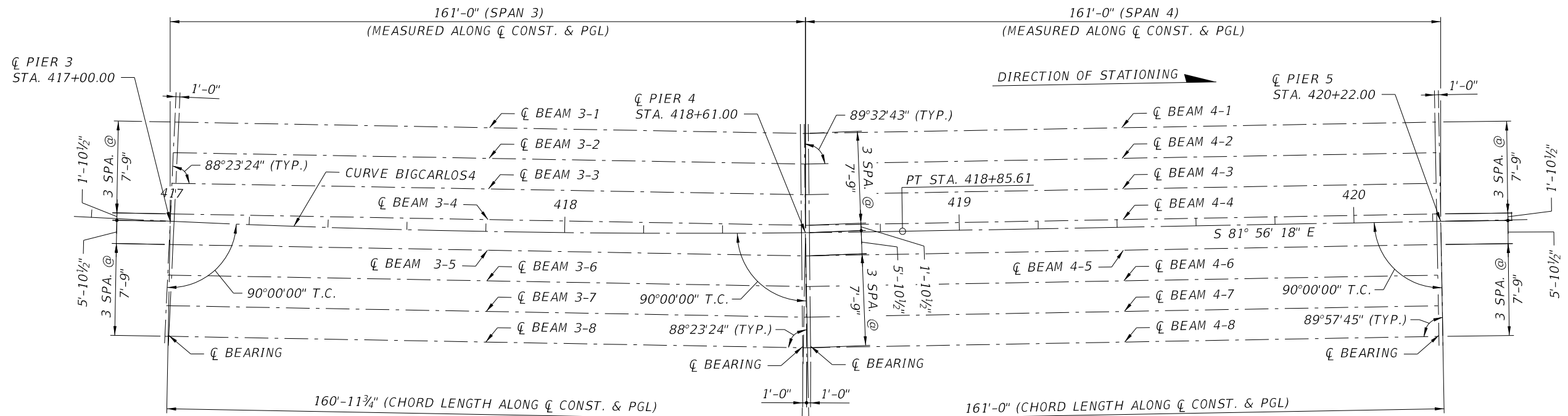
REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 10-19 CHECKED BY: AJL XX-XX DESIGNED BY: SKB 10-19 CHECKED BY: PDM 02-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: FINISH GRADE ELEVATIONS (17 OF 17)		REF. DWG. NO.
DATE	BY	DESCRIPTION		DATE	BY			ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:		SHEET NO.
								CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		B1-77

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

BEGIN BRIDGE
FFBW END BENT 1
STA. 413+66.00



PARTIAL PLAN



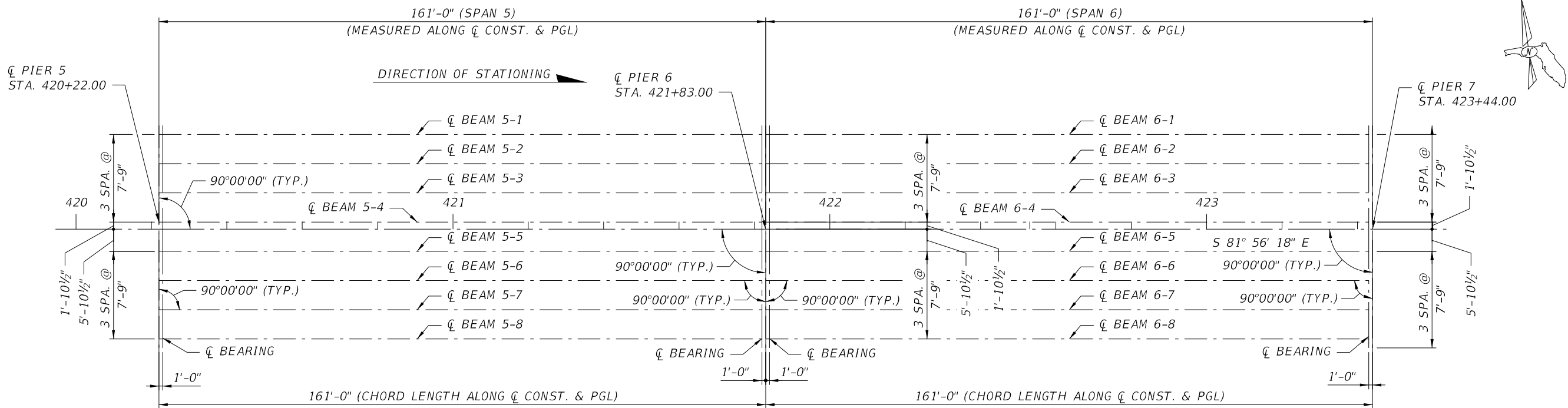
PARTIAL PLAN

NOTE:
TEMPORARY BRACING LOCATIONS ARE NOT SHOWN. FOR LOCATIONS
OF TEMPORARY BRACING SEE THE "TABLE OF PRESTRESSED I-BEAM
TEMPORARY BRACING MINIMUM REQUIREMENTS AND LOADS".

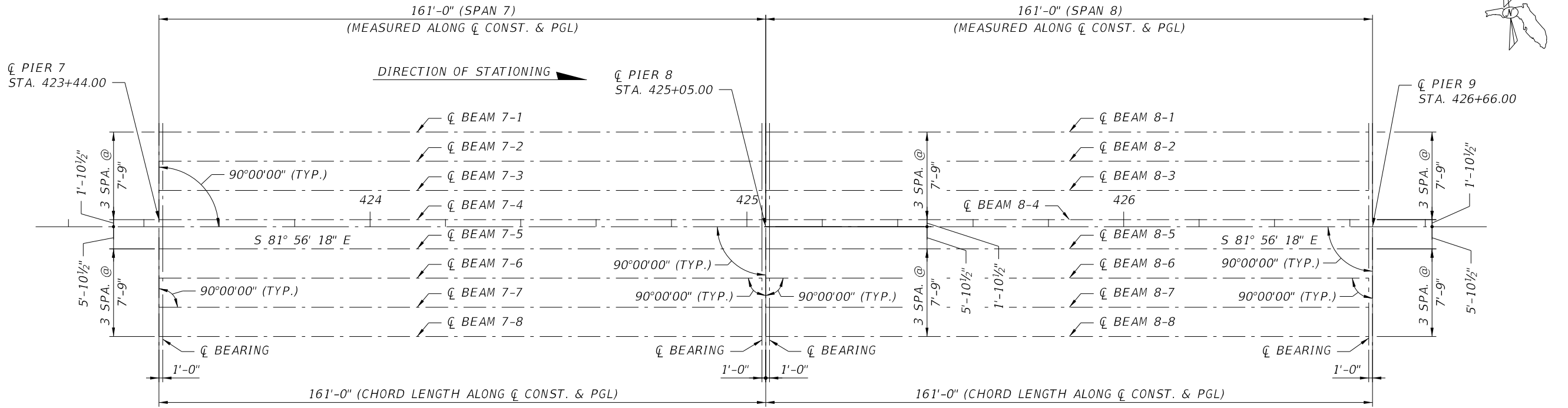
BRIDGE NO. 124143

REVISIONS						DRAWN BY: ARF 03-20 CHECKED BY: AJL XX-XX DESIGNED BY: SKB 09-19 CHECKED BY: PDM 02-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: FRAMING PLAN (1 OF 4)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	COUNTY PROJECT No		
						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-78

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PARTIAL PLAN



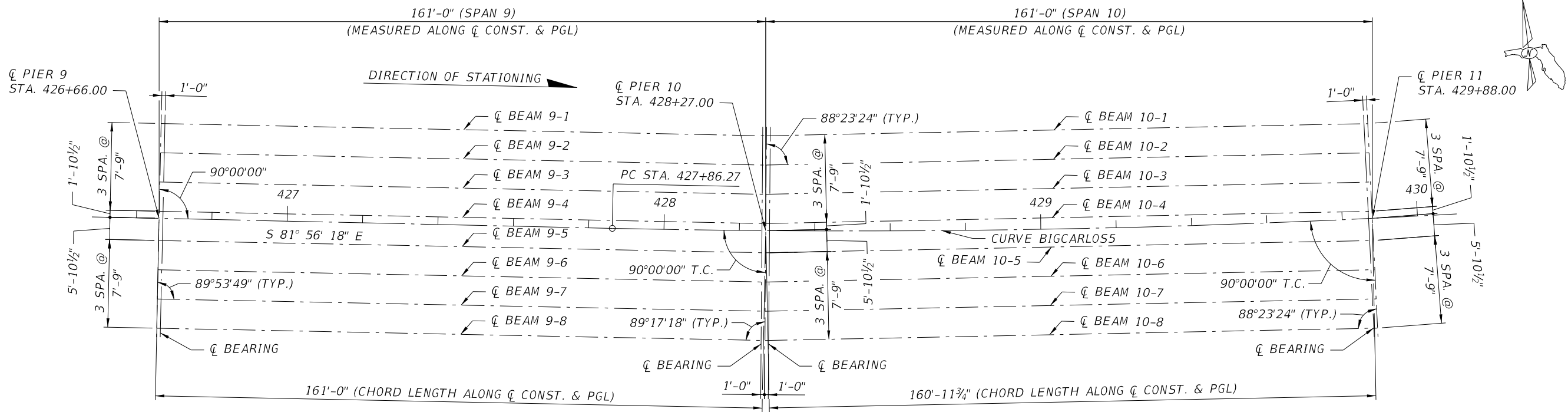
PARTIAL PLAN

NOTE:
TEMPORARY BRACING LOCATIONS ARE NOT SHOWN. FOR LOCATIONS
OF TEMPORARY BRACING SEE THE "TABLE OF PRESTRESSED I-BEAM
TEMPORARY BRACING MINIMUM REQUIREMENTS AND LOADS".

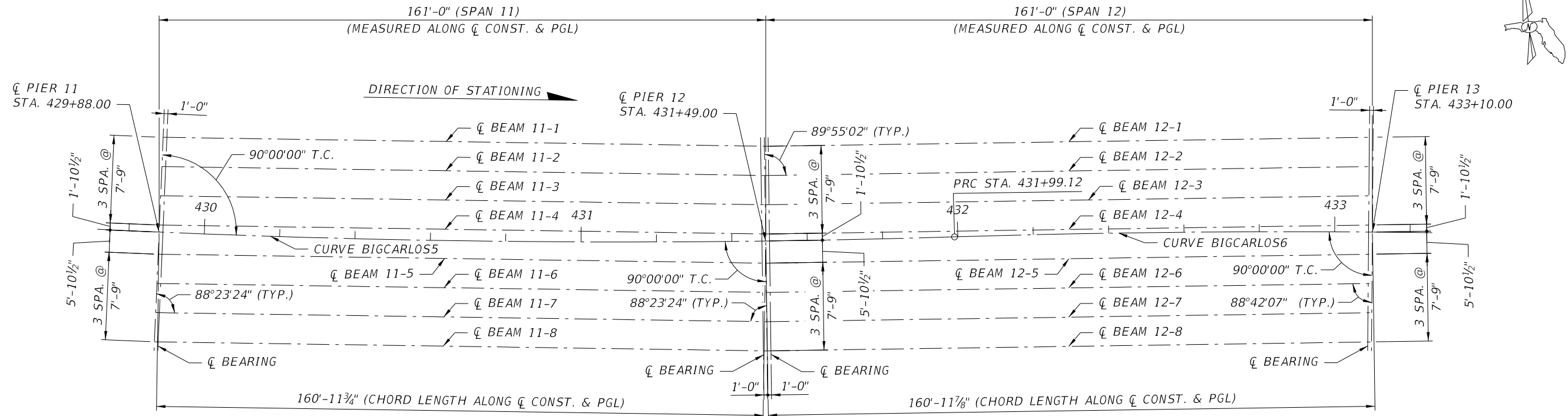
BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: ARF 03-20 CHECKED BY: AJL XX-XX DESIGNED BY: SKB 09-19 CHECKED BY: PDM 02-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: FRAMING PLAN (2 OF 4)		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-79	
								CR 865	LEE	CN160002			

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PARTIAL PLAN



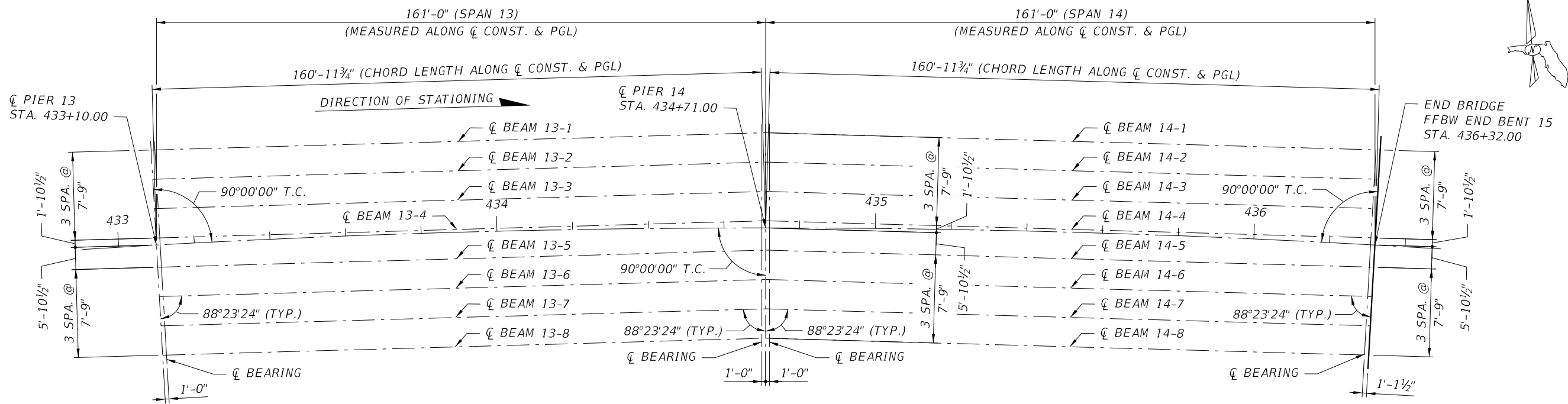
PARTIAL PLAN

NOTE:
TEMPORARY BRACING LOCATIONS ARE NOT SHOWN. FOR LOCATIONS
OF TEMPORARY BRACING SEE THE "TABLE OF PRESTRESSED I-BEAM
TEMPORARY BRACING MINIMUM REQUIREMENTS AND LOADS".

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: ARF 03-20 CHECKED BY: AJL XX-XX DESIGNED BY: SKB 09-19 CHECKED BY: PDM 02-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: FRAMING PLAN (3 OF 4) PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	REF. DWG. NO. SHEET NO. B1-80
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN160002		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



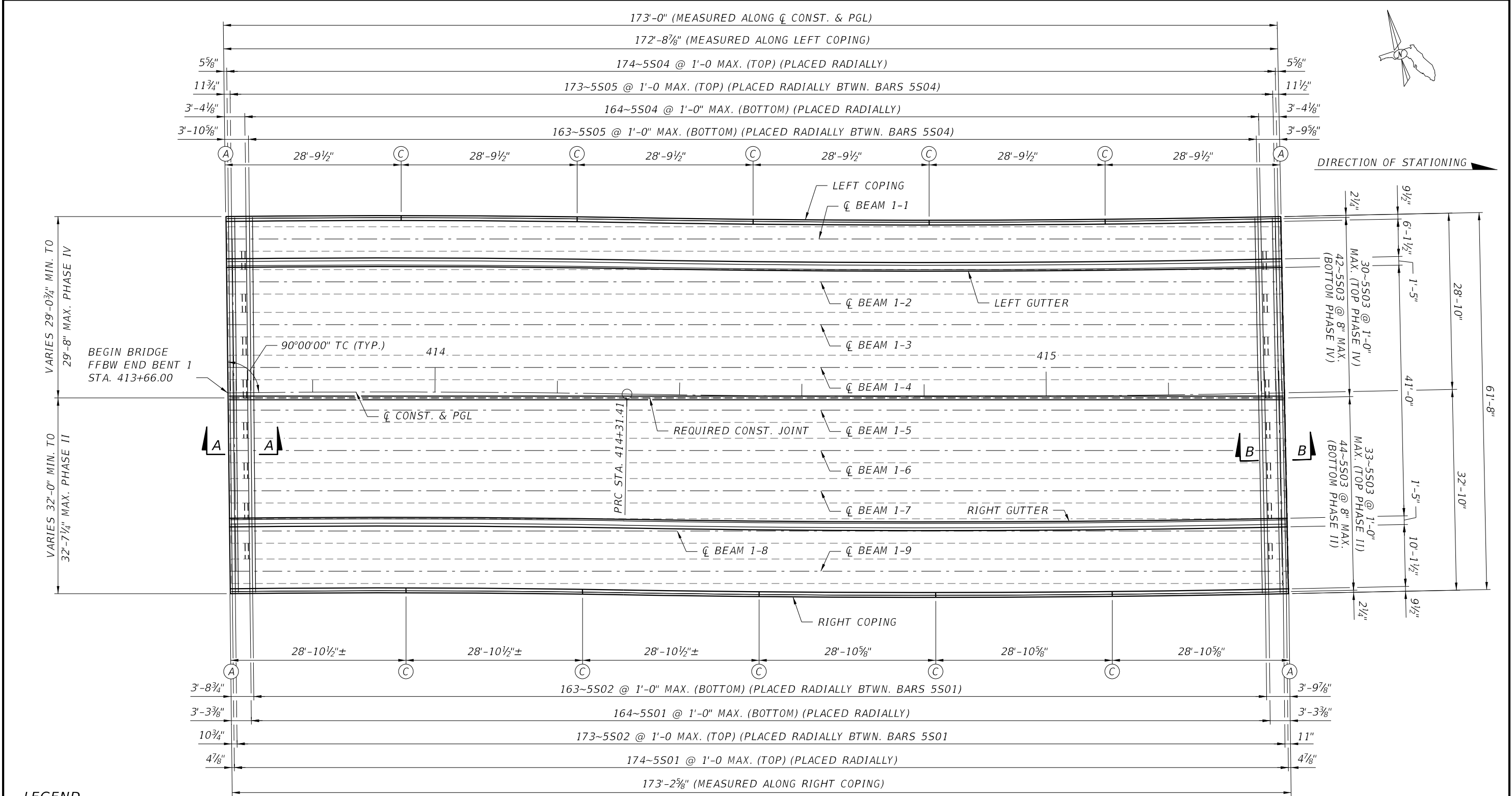
PARTIAL PLAN

NOTE:
TEMPORARY BRACING LOCATIONS ARE NOT SHOWN. FOR LOCATIONS
OF TEMPORARY BRACING SEE THE "TABLE OF PRESTRESSED I-BEAM
TEMPORARY BRACING MINIMUM REQUIREMENTS AND LOADS".

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: ARF 03-20			LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: AJL XX-XX						FRAMING PLAN (4 OF 4)		
							DESIGNED BY: SKB 09-19			ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.	
							CHECKED BY: PDM 02-20			CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B1-81	

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEGEND

- (A) DECK JOINTS, SEE SHEET B1-99 FOR DETAILS.
- (B) ϕ 3/4" OPEN JOINT IN BARRIER, SEE INDEX D427
- (C) ϕ 1/2" V-GROOVE IN BOTH FACES AND TOP OF CONCRETE CURB, SEE INDEX 515-051.

PLAN
SPAN 1

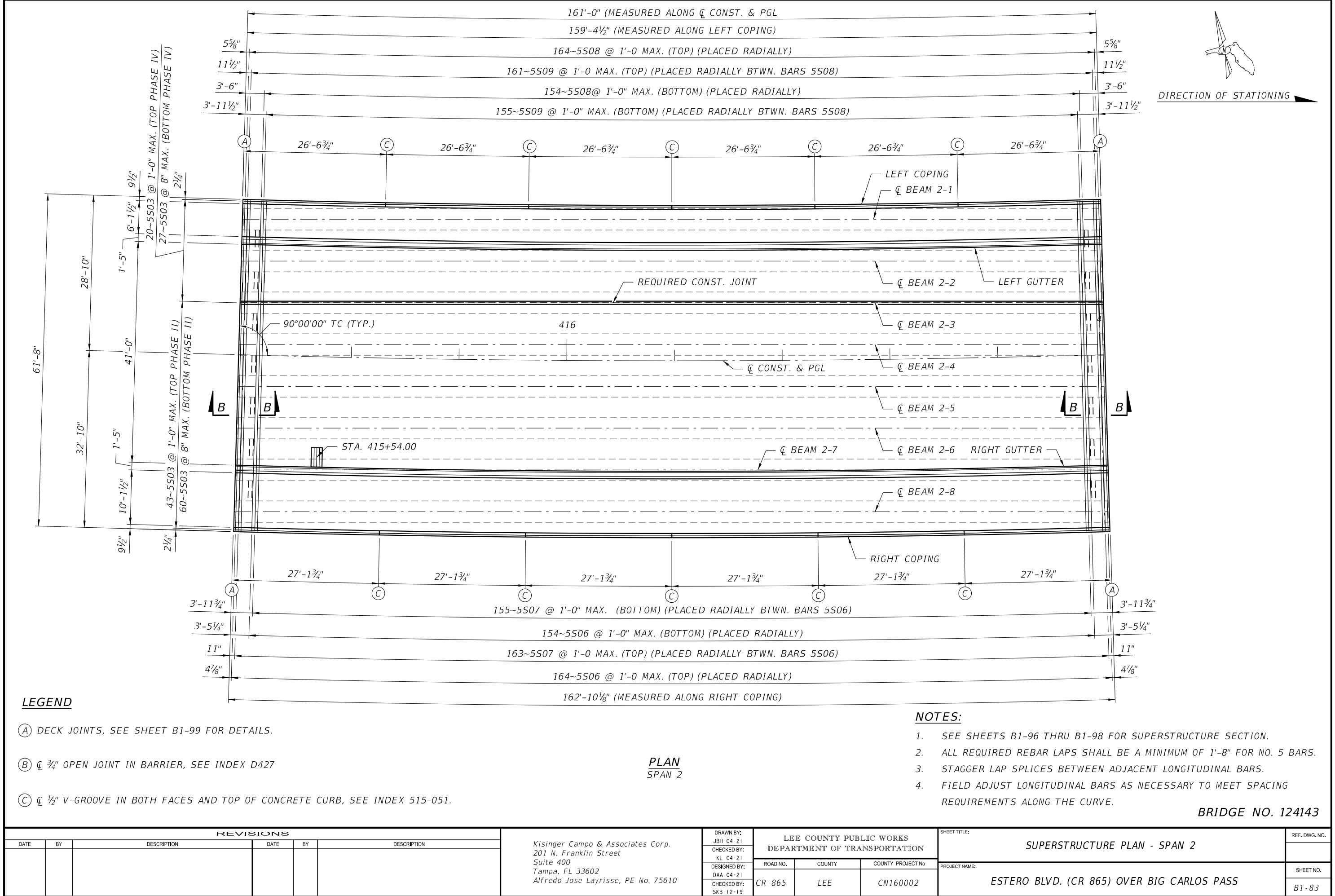
NOTES:

1. SEE SHEETS B1-96 THRU B1-98 FOR SUPERSTRUCTURE SECTION.
2. ALL REQUIRED REBAR LAPS SHALL BE A MINIMUM OF 1'-8" FOR NO. 5 BARS.
3. STAGGER LAP SPLICES BETWEEN ADJACENT LONGITUDINAL BARS.
4. FIELD ADJUST LONGITUDINAL BARS AS NECESSARY TO MEET SPACING REQUIREMENTS ALONG THE CURVE.

BRIDGE NO. 124143

REVISIONS						<i>Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610</i>	DRAWN BY:	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: <i>SUPERSTRUCTURE PLAN - SPAN 1</i>	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		JBH 04-21					
							CHECKED BY:	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.
							KL 04-21					
							DESIGNED BY:					
						DAA 04-21	CR 865	LEE	CN160002	<i>ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS</i>	<i>B1-82</i>	
						CHECKED BY:						
						SKB 12-19						

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEGEND

- (A) DECK JOINTS, SEE SHEET B1-99 FOR DETAILS.
- (B) $\frac{3}{4}$ " OPEN JOINT IN BARRIER, SEE INDEX D427
- (C) $\frac{1}{2}$ " V-GROOVE IN BOTH FACES AND TOP OF CONCRETE CURB, SEE INDEX 515-051.

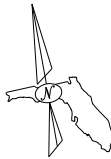
NOTES:

- SEE SHEETS B1-96 THRU B1-98 FOR SUPERSTRUCTURE SECTION.
- ALL REQUIRED REBAR LAPS SHALL BE A MINIMUM OF 1'-8" FOR NO. 5 BARS.
- STAGGER LAP SPLICES BETWEEN ADJACENT LONGITUDINAL BARS.
- FIELD ADJUST LONGITUDINAL BARS AS NECESSARY TO MEET SPACING REQUIREMENTS ALONG THE CURVE.

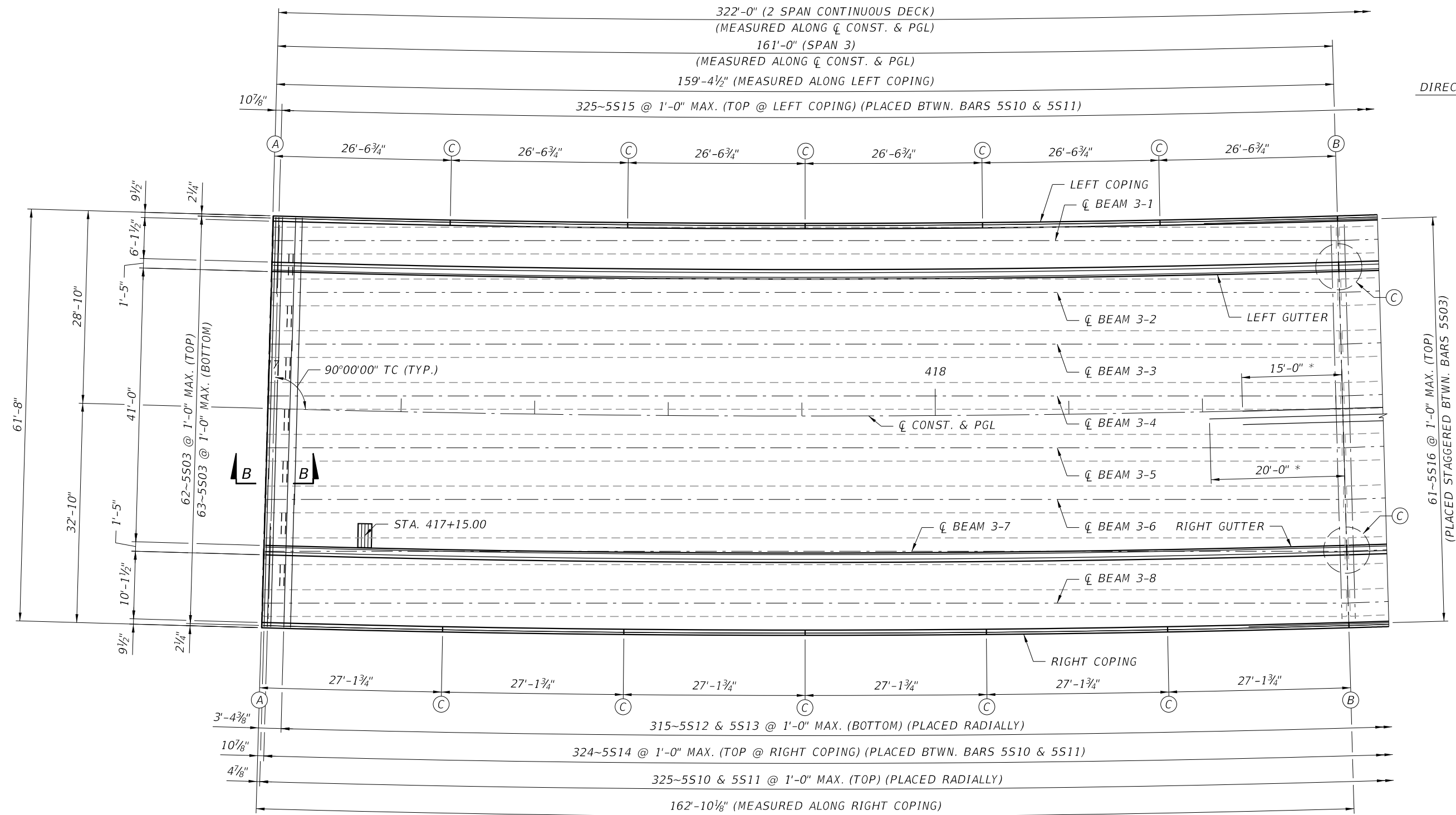
BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY:	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:	REF. DWG. NO.	
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY:	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SUPERSTRUCTURE PLAN - SPAN 2	
							KL 04-21						
							DESIGNED BY:						
							DAA 04-21						
							CHECKED BY:	CR 865	LEE	CN160002		ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO.
						SKB 12-19						B1-83	

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



DIRECTION OF STATIONING



LEGEND

- (A) DECK JOINTS, SEE SHEET B1-99 FOR DETAILS.
- (B) \bar{C} 3/4" OPEN JOINT IN BARRIER, SEE INDEX D427
- (C) \bar{C} 1/2" V-GROOVE IN BOTH FACES AND TOP OF CONCRETE CURB, SEE INDEX 515-051.

PLAN
SPAN 3

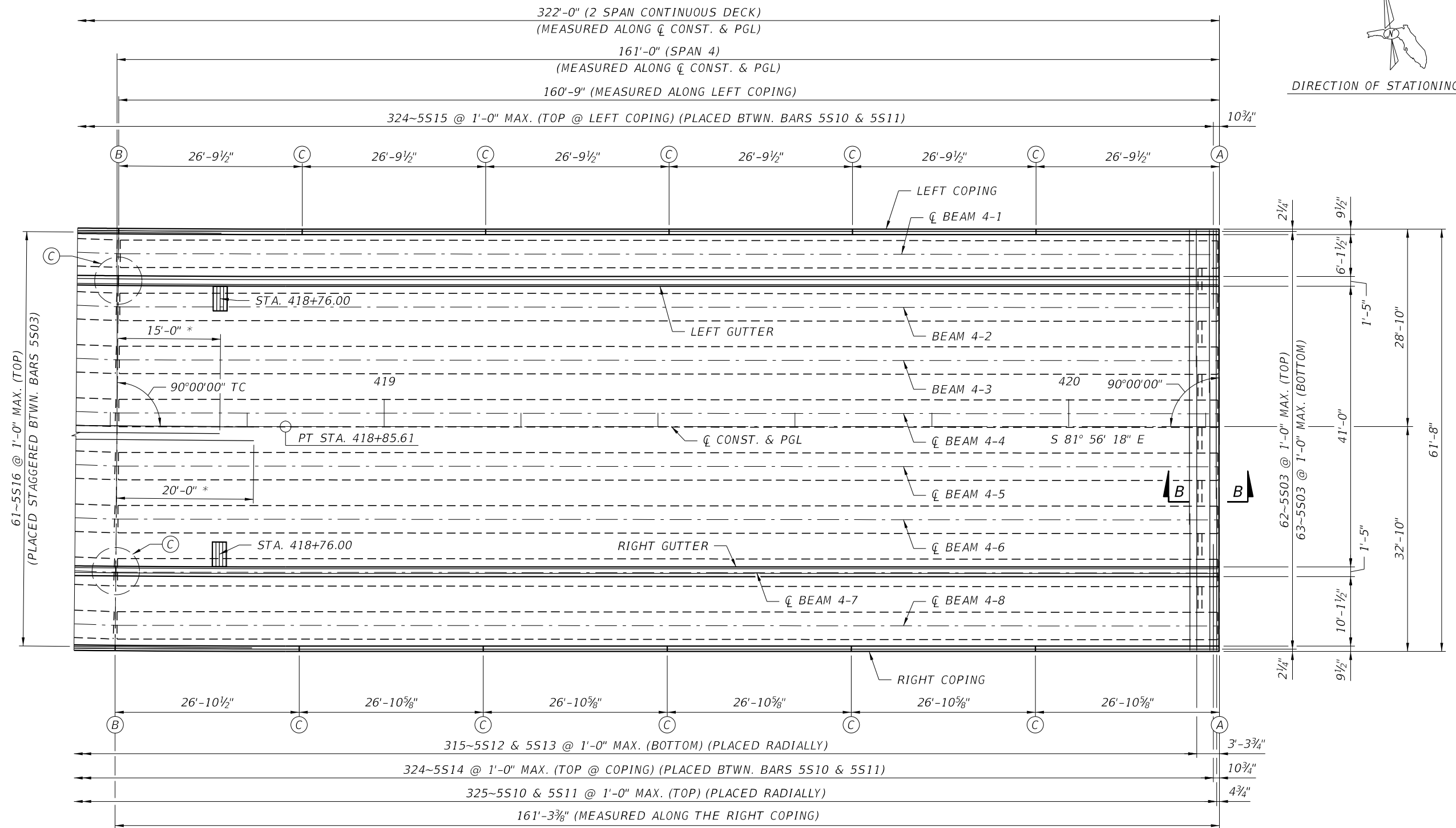
NOTES:

- SEE SHEETS B1-96 THRU B1-98 FOR SUPERSTRUCTURE SECTION.
- ALL REQUIRED REBAR LAPS SHALL BE A MINIMUM OF 1'-8" FOR NO. 5 BARS.
- STAGGER LAP SPLICES BETWEEN ADJACENT LONGITUDINAL BARS.
- FIELD ADJUST LONGITUDINAL BARS AS NECESSARY TO MEET SPACING REQUIREMENTS ALONG THE CURVE.

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: ARF 03-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: KL 04-21				SUPERSTRUCTURE PLAN - SPAN 3		
							DESIGNED BY: DAA 02-20	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.	
							CHECKED BY: SKB 03-20	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B1-84	

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEGEND

- (A) DECK JOINTS, SEE SHEET B1-99 FOR DETAILS.
- (B) $\frac{3}{4}$ " OPEN JOINT IN BARRIER, SEE INDEX D427
- (C) $\frac{1}{2}$ " V-GROOVE IN BOTH FACES AND TOP OF CONCRETE CURB, SEE INDEX 515-051.

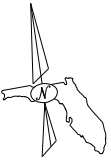
PLAN
SPAN 4

NOTES:

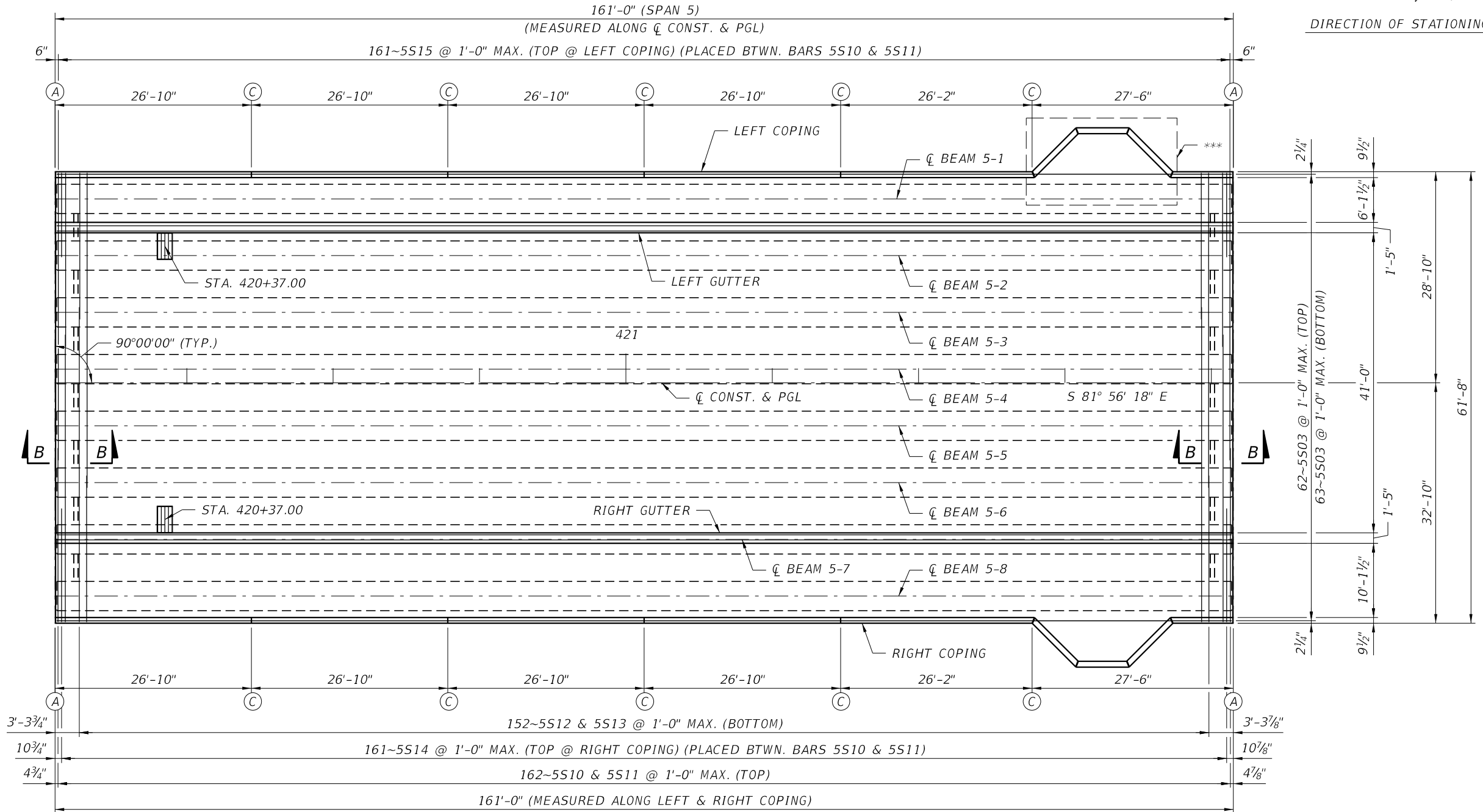
1. SEE SHEETS B1-96 THRU B1-98 FOR SUPERSTRUCTURE SECTION.
2. ALL REQUIRED REBAR LAPS SHALL BE A MINIMUM OF 1'-8" FOR NO. 5 BARS.
3. STAGGER LAP SPLICES BETWEEN ADJACENT LONGITUDINAL BARS.
4. FIELD ADJUST LONGITUDINAL BARS AS NECESSARY TO MEET SPACING REQUIREMENTS ALONG THE CURVE.

BRIDGE NO. 124143

[illegible]



DIRECTION OF STATIONING



LEGEND

- (A) DECK JOINTS, SEE SHEET B1-99 FOR DETAILS.
- (B) $\frac{3}{4}$ " OPEN JOINT IN BARRIER, SEE INDEX D427
- (C) $\frac{1}{2}$ " V-GROOVE IN BOTH FACES AND TOP OF CONCRETE CURB, SEE INDEX 515-051.

*** FOR OVERLOOK DETAILS, SEE SHEET B1-106

PLAN
SPAN 5

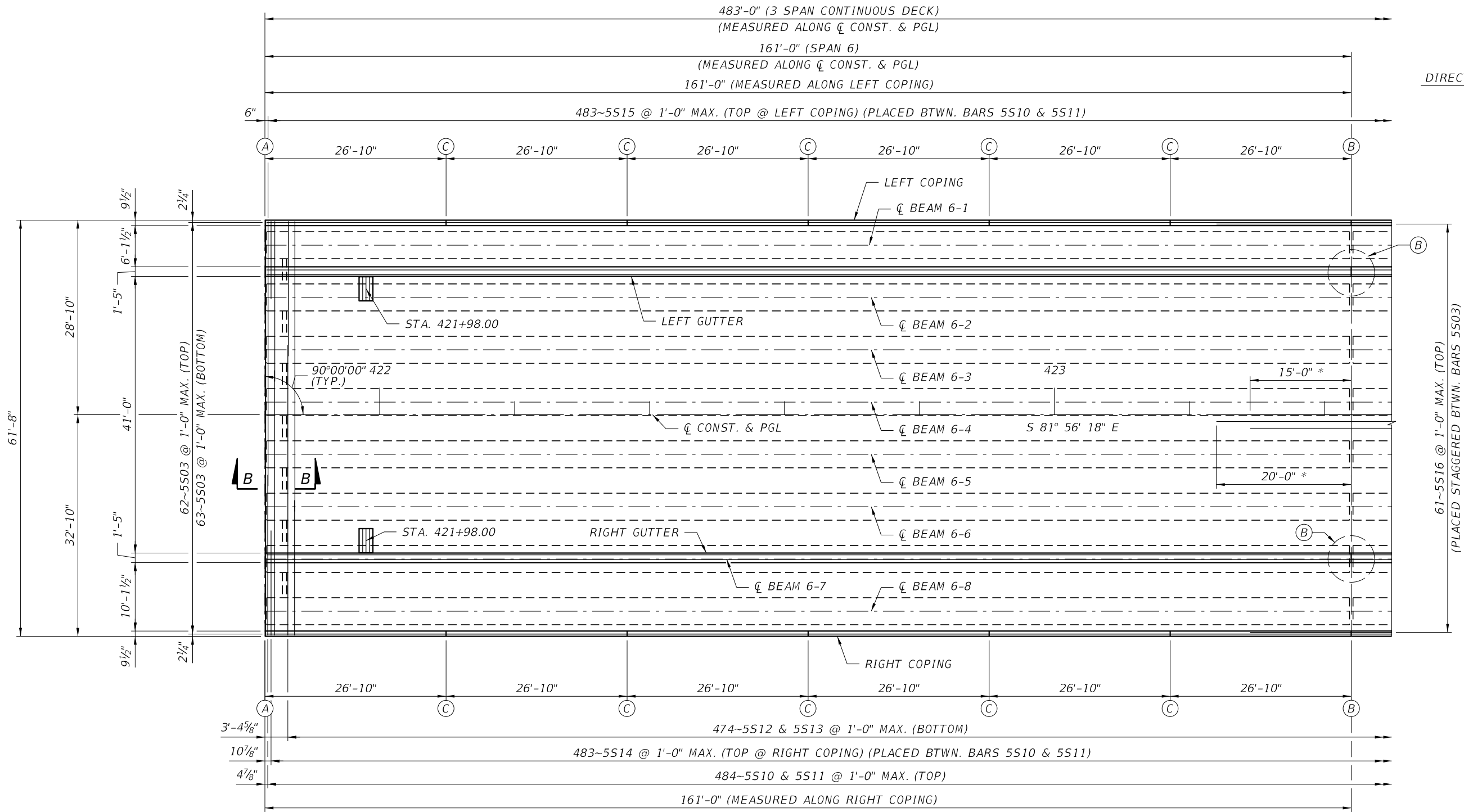
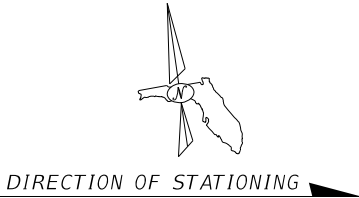
NOTES:

- SEE SHEETS B1-96 THRU B1-98 FOR SUPERSTRUCTURE SECTION.
- ALL REQUIRED REBAR LAPS SHALL BE A MINIMUM OF 1'-8" FOR NO. 5 BARS.
- STAGGER LAP SPLICES BETWEEN ADJACENT LONGITUDINAL BARS.
- FIELD ADJUST LONGITUDINAL BARS AS NECESSARY TO MEET SPACING REQUIREMENTS ALONG THE CURVE.

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: ARF 03-20 CHECKED BY: KL 04-21 DESIGNED BY: DAA 02-20 CHECKED BY: SKB 03-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: SUPERSTRUCTURE PLAN - SPAN 5	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN160002	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-86

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEGEND

- (A) DECK JOINTS, SEE SHEET B1-99 FOR DETAILS.
- (B) \varnothing $\frac{3}{4}$ " OPEN JOINT IN BARRIER, SEE INDEX D427
- (C) \varnothing $\frac{1}{2}$ " V-GROOVE IN BOTH FACES AND TOP OF CONCRETE CURB, SEE INDEX 515-051.

PLAN
SPAN 6

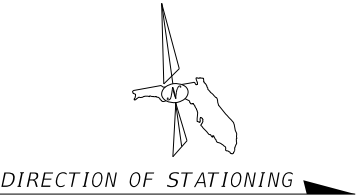
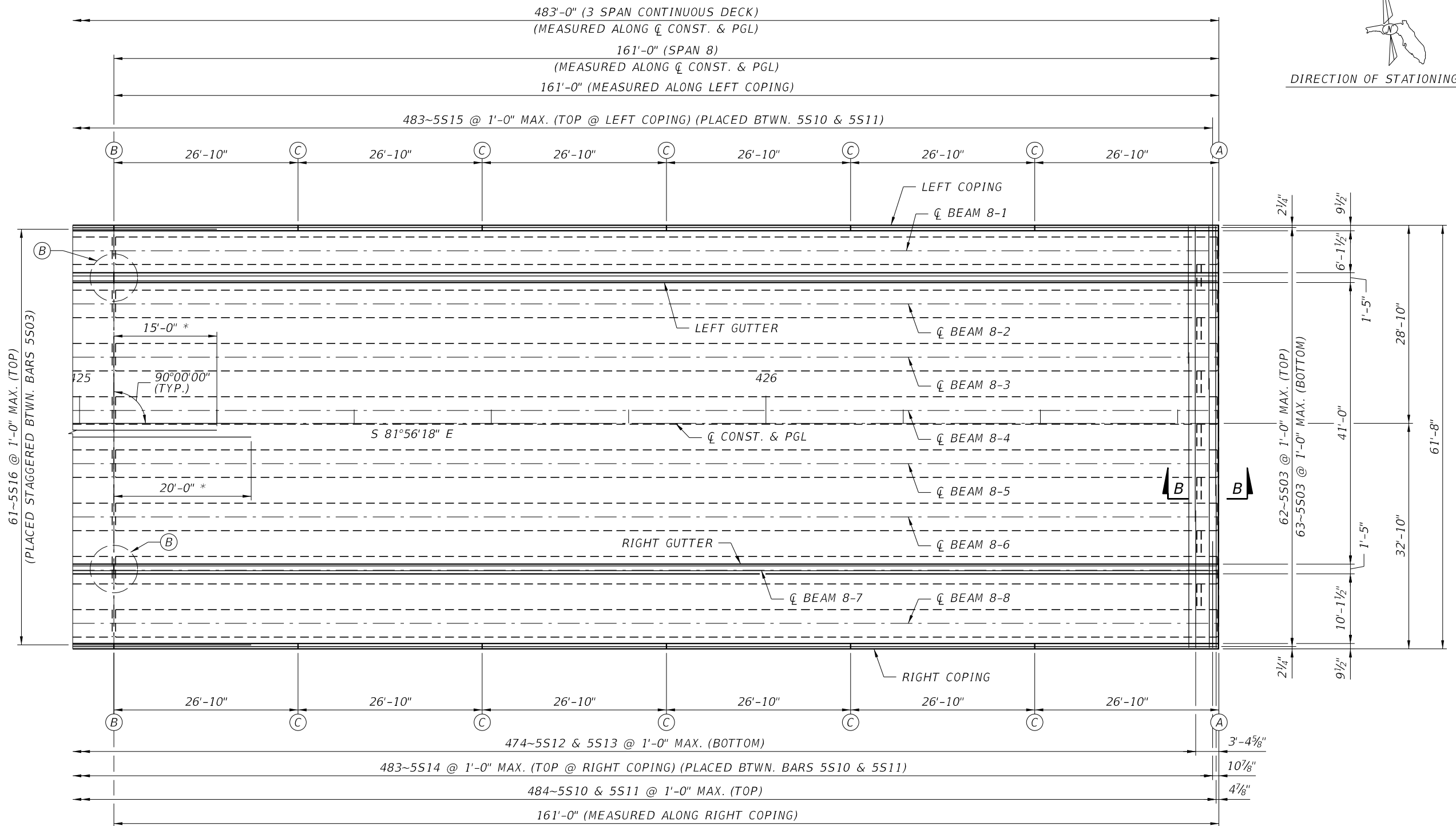
NOTES:

- SEE SHEETS B1-96 THRU B1-98 FOR SUPERSTRUCTURE SECTION.
- ALL REQUIRED REBAR LAPS SHALL BE A MINIMUM OF 1'-8" FOR NO. 5 BARS.
- STAGGER LAP SPLICES BETWEEN ADJACENT LONGITUDINAL BARS.
- FIELD ADJUST LONGITUDINAL BARS AS NECESSARY TO MEET SPACING REQUIREMENTS ALONG THE CURVE.

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: ARF 03-20 CHECKED BY: KL 04-21 DESIGNED BY: DAA 02-20 CHECKED BY: SKB 03-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: SUPERSTRUCTURE PLAN - SPAN 6	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION							
								ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.
								CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B1-87

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEGEND

- (A) DECK JOINTS, SEE SHEET B1-99 FOR DETAILS.
- (B) \varnothing 3/4" OPEN JOINT IN BARRIER, SEE INDEX D427
- (C) \varnothing 1/2" V-GROOVE IN BOTH FACES AND TOP OF CONCRETE CURB, SEE INDEX 515-051.

PLAN
SPAN 8

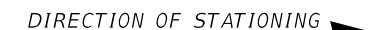
NOTES:

- SEE SHEETS B1-96 THRU B1-98 FOR SUPERSTRUCTURE SECTION.
- ALL REQUIRED REBAR LAPS SHALL BE A MINIMUM OF 1'-8" FOR NO. 5 BARS.
- STAGGER LAP SPLICES BETWEEN ADJACENT LONGITUDINAL BARS.
- FIELD ADJUST LONGITUDINAL BARS AS NECESSARY TO MEET SPACING REQUIREMENTS ALONG THE CURVE.

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: ARF 03-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: SUPERSTRUCTURE PLAN - 8	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: KL 04-21	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	
							DESIGNED BY: DAA 02-20	CR 865	LEE	CN160002		SHEET NO.
							CHECKED BY: SKB 03-20					
											B1-89	

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



BRIDGE NO. 124143

REVISIONS						<div><div>DRAWN BY: ARF 03-20</div><div>CHECKED BY: AJL XX-XX</div><div>DESIGNED BY: DAA 02-20</div><div>CHECKED BY: SKR 03-20</div></div> <div><div>Kisinger Campo & Associates Corp.</div><div>201 N. Franklin Street</div><div>Suite 400</div><div>Tampa, FL 33602</div><div>Alfredo Jose Layrisse, PE No. 75610</div></div>	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: SUPERSTRUCTURE PLAN - SPAN 9		REF. DWG. NO.		
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO.			
						CR 865	LEE	CN160002		B1-90				

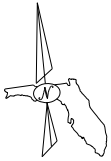
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

jhanna

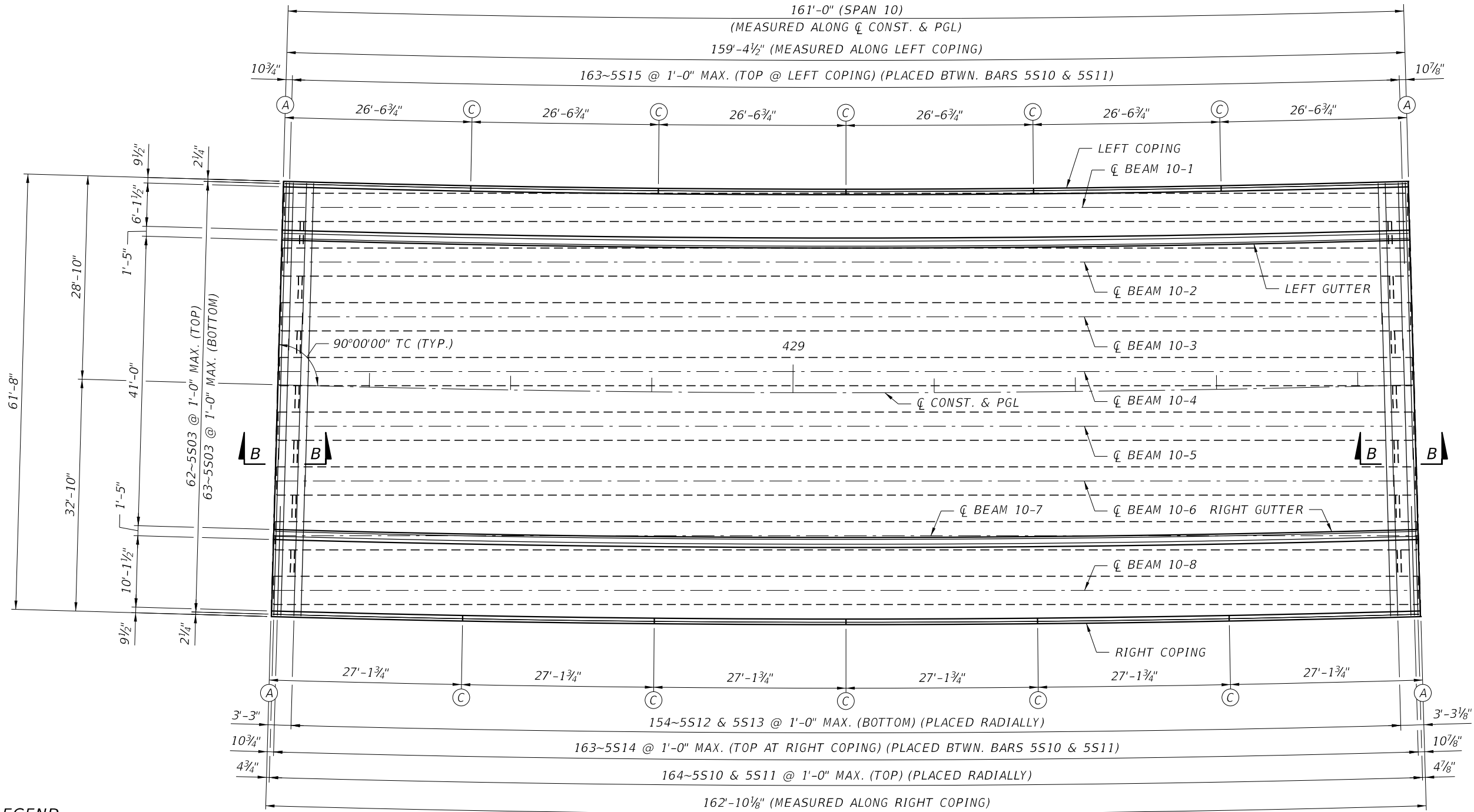
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DIRECTION OF STATIONING



LEGEND

- (A) DECK JOINTS, SEE SHEET B1-99 FOR DETAILS.
- (B) ϕ 3/4" OPEN JOINT IN BARRIER, SEE INDEX D427
- (C) ϕ 1/2" V-GROOVE IN BOTH FACES AND TOP OF CONCRETE CURB, SEE INDEX 515-051.

PLAN
SPAN 10

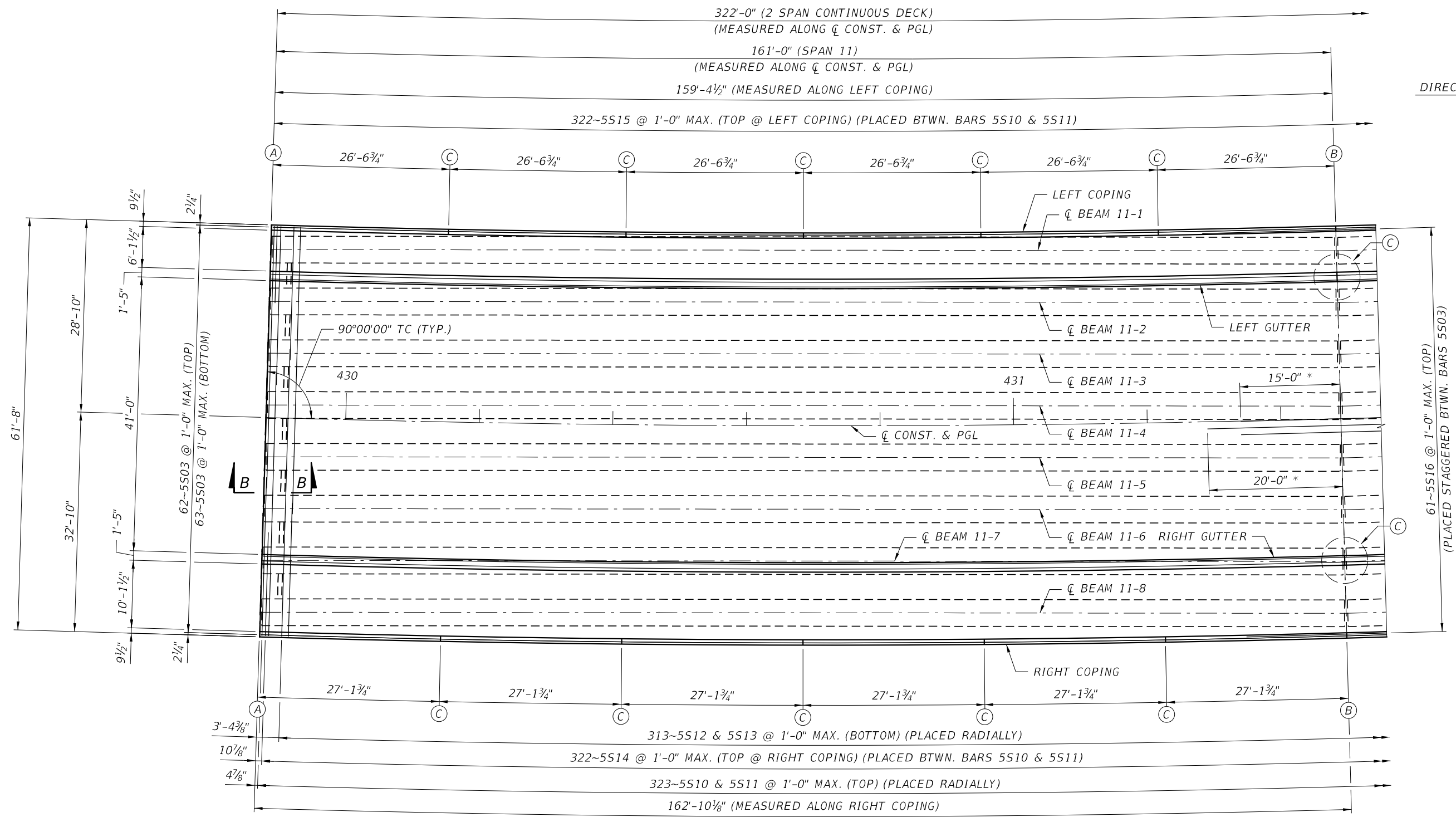
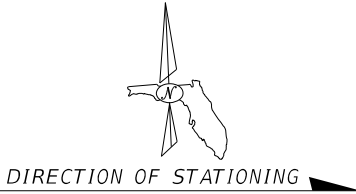
NOTES:

- SEE SHEETS B1-96 THRU B1-98 FOR SUPERSTRUCTURE SECTION.
- ALL REQUIRED REBAR LAPS SHALL BE A MINIMUM OF 1'-8" FOR NO. 5 BARS.
- STAGGER LAP SPLICES BETWEEN ADJACENT LONGITUDINAL BARS.
- FIELD ADJUST LONGITUDINAL BARS AS NECESSARY TO MEET SPACING REQUIREMENTS ALONG THE CURVE.

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: ARF 03-20 CHECKED BY: KL 04-21 DESIGNED BY: DAA 02-20 CHECKED BY: SKB 03-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: SUPERSTRUCTURE PLAN - SPAN 10	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN160002	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-91

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEGEND

- (A) DECK JOINTS, SEE SHEET B1-99 FOR DETAILS.
- (B) $\frac{3}{4}$ " OPEN JOINT IN BARRIER, SEE INDEX D427
- (C) $\frac{1}{2}$ " V-GROOVE IN BOTH FACES AND TOP OF CONCRETE CURB, SEE INDEX 515-051.

PLAN
SPAN 11

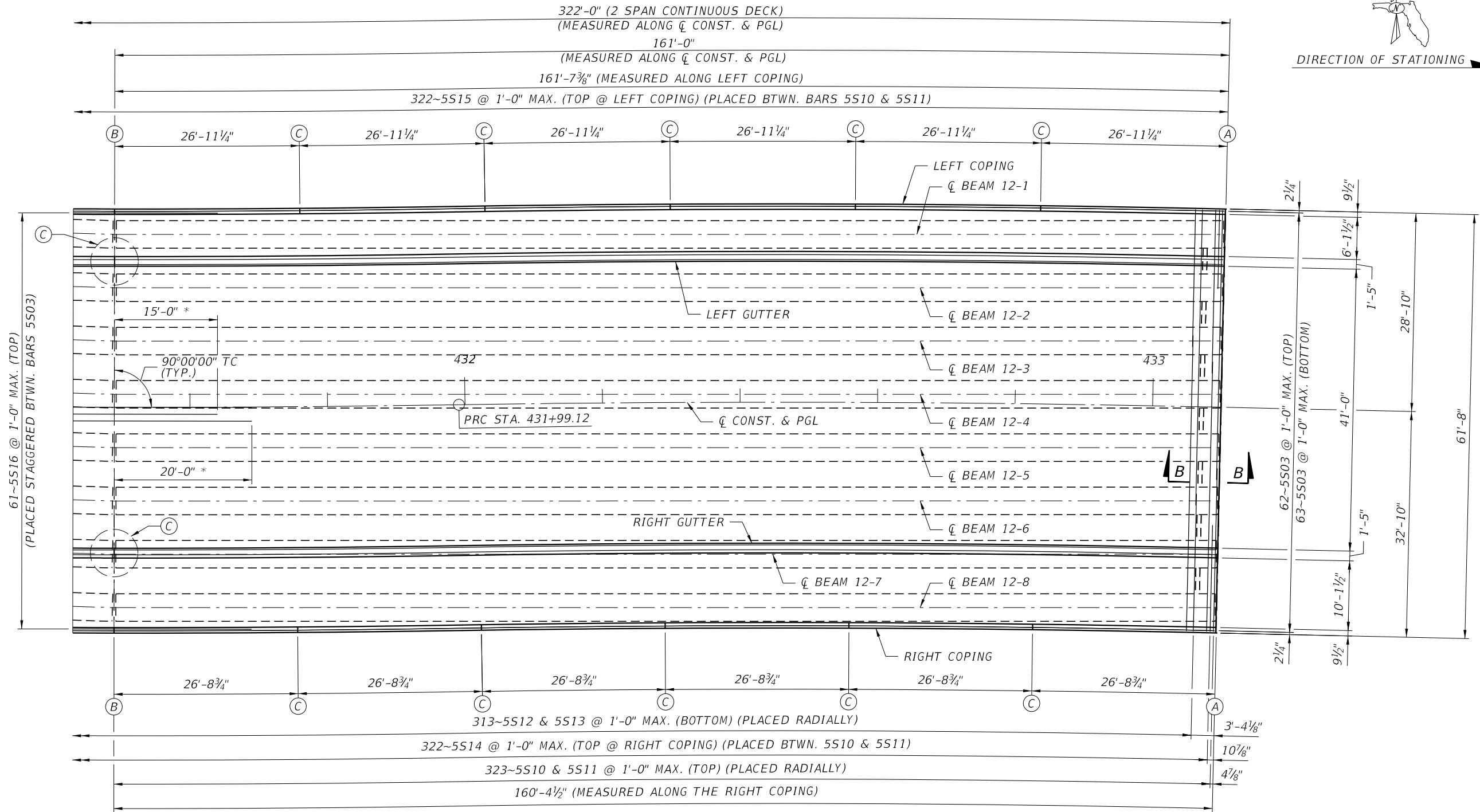
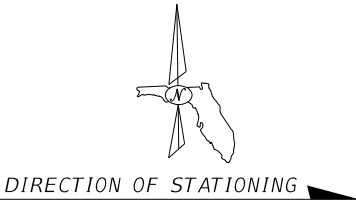
NOTES:

- SEE SHEETS B1-96 THRU B1-98 FOR SUPERSTRUCTURE SECTION.
- ALL REQUIRED REBAR LAPS SHALL BE A MINIMUM OF 1'-8" FOR NO. 5 BARS.
- STAGGER LAP SPLICES BETWEEN ADJACENT LONGITUDINAL BARS.
- FIELD ADJUST LONGITUDINAL BARS AS NECESSARY TO MEET SPACING REQUIREMENTS ALONG THE CURVE.

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: ARF 03-20 CHECKED BY: KL 04-21 DESIGNED BY: DAA 02-20 CHECKED BY: SKB 03-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: SUPERSTRUCTURE PLAN - SPAN 11	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN160002	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-92

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEGEND

- (A) DECK JOINTS, SEE SHEET B1-99 FOR DETAILS.
- (B) $\frac{3}{4}$ " OPEN JOINT IN BARRIER, SEE INDEX D427
- (C) $\frac{1}{2}$ " V-GROOVE IN BOTH FACES AND TOP OF CONCRETE CURB, SEE INDEX 515-051.

PLAN
SPAN 12

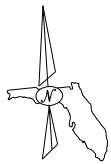
NOTES:

- SEE SHEETS B1-96 THRU B1-98 FOR SUPERSTRUCTURE SECTION.
- ALL REQUIRED REBAR LAPS SHALL BE A MINIMUM OF 1'-8" FOR NO. 5 BARS.
- STAGGER LAP SPLICES BETWEEN ADJACENT LONGITUDINAL BARS.
- FIELD ADJUST LONGITUDINAL BARS AS NECESSARY TO MEET SPACING REQUIREMENTS ALONG THE CURVE.

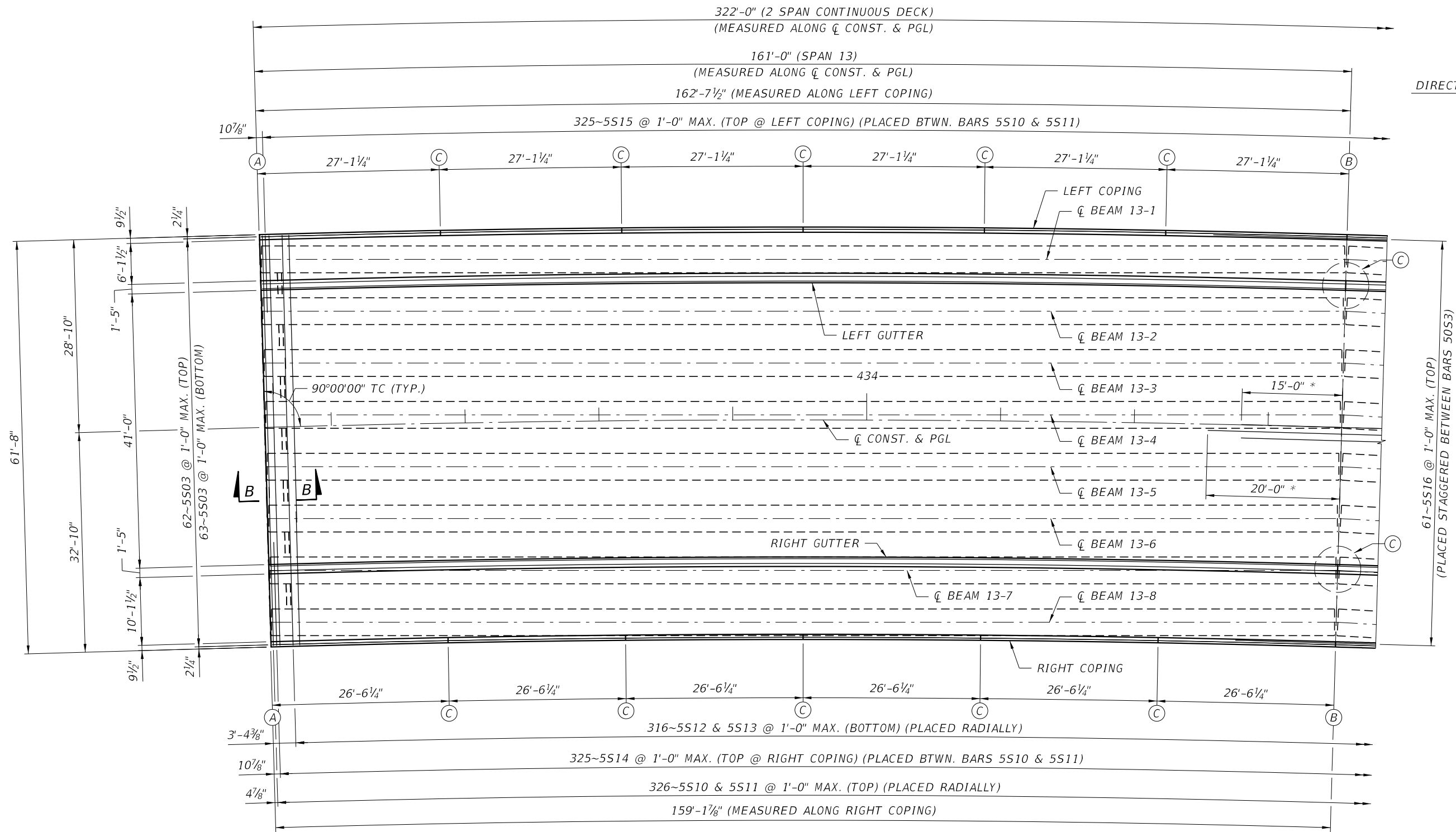
BRIDGE NO. 124143

REVISIONS						<i>Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610</i>	DRAWN BY:	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.		
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ARF 03-20				ROAD NO. COUNTY COUNTY PROJECT No		SUPERSTRUCTURE PLAN - SPAN 12		
							CHECKED BY:								
							KL 04-21								
							DESIGNED BY:								
						DAA 02-20						SHEET NO.			
							CHECKED BY:	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS				
							SKB 03-20						B1-93		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



DIRECTION OF STATIONING



LEGEND

- (A) DECK JOINTS, SEE SHEET B1-99 FOR DETAILS.
- (B) CL 3/4" OPEN JOINT IN BARRIER, SEE INDEX D427
- (C) CL 1/2" V-GROOVE IN BOTH FACES AND TOP OF CONCRETE CURB, SEE INDEX 515-051.

PLAN
SPAN 13

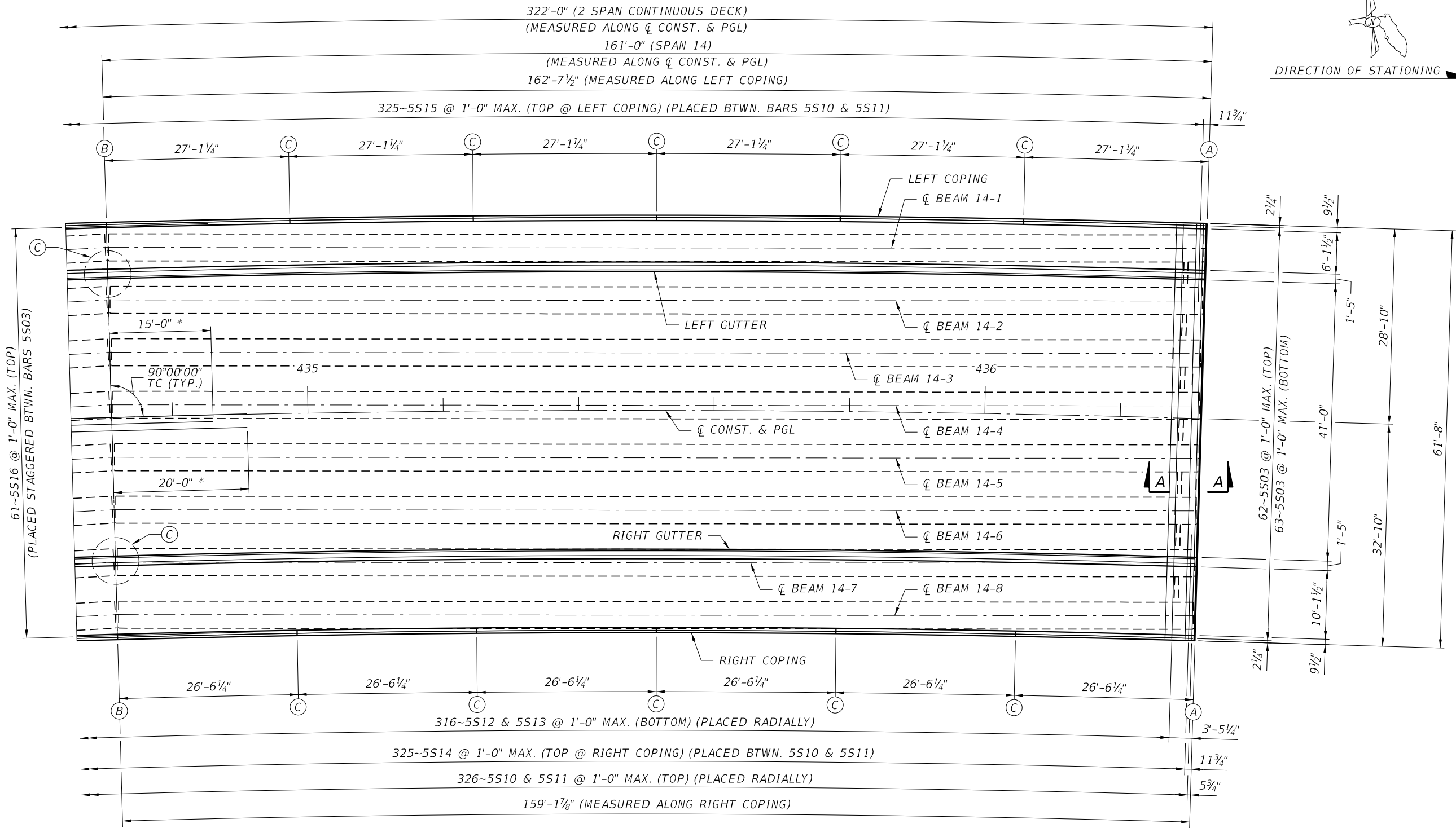
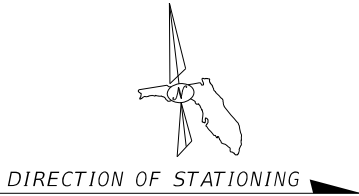
NOTES:

- SEE SHEETS B1-96 THRU B1-98 FOR SUPERSTRUCTURE SECTION.
- ALL REQUIRED REBAR LAPS SHALL BE A MINIMUM OF 1'-8" FOR NO. 5 BARS.
- STAGGER LAP SPLICES BETWEEN ADJACENT LONGITUDINAL BARS.
- FIELD ADJUST LONGITUDINAL BARS AS NECESSARY TO MEET SPACING REQUIREMENTS ALONG THE CURVE.

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: ARF 03-20 CHECKED BY: KL 04-21 DESIGNED BY: DAA 02-20 CHECKED BY: SKB 03-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: SUPERSTRUCTURE PLAN - SPAN 13		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:		SHEET NO.
								CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		B1-94

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



LEGEND

- (A) DECK JOINTS, SEE SHEET B1-99 FOR DETAILS.
- (B) $\frac{3}{4}$ " OPEN JOINT IN BARRIER, SEE INDEX D427
- (C) $\frac{1}{2}$ " V-GROOVE IN BOTH FACES AND TOP OF CONCRETE CURB, SEE INDEX 515-051.

PLAN
SPAN 14

NOTES:

- SEE SHEETS B1-96 THRU B1-98 FOR SUPERSTRUCTURE SECTION.
- ALL REQUIRED REBAR LAPS SHALL BE A MINIMUM OF 1'-8" FOR NO. 5 BARS.
- STAGGER LAP SPLICES BETWEEN ADJACENT LONGITUDINAL BARS.
- FIELD ADJUST LONGITUDINAL BARS AS NECESSARY TO MEET SPACING REQUIREMENTS ALONG THE CURVE.

BRIDGE NO. 124143

REVISIONS						DRAWN BY: ARF 03-20 CHECKED BY: KL 04-21 DESIGNED BY: DAA 02-20 CHECKED BY: SKB 03-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: SUPERSTRUCTURE PLAN - SPAN 14	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	COUNTY PROJECT No		
						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-95

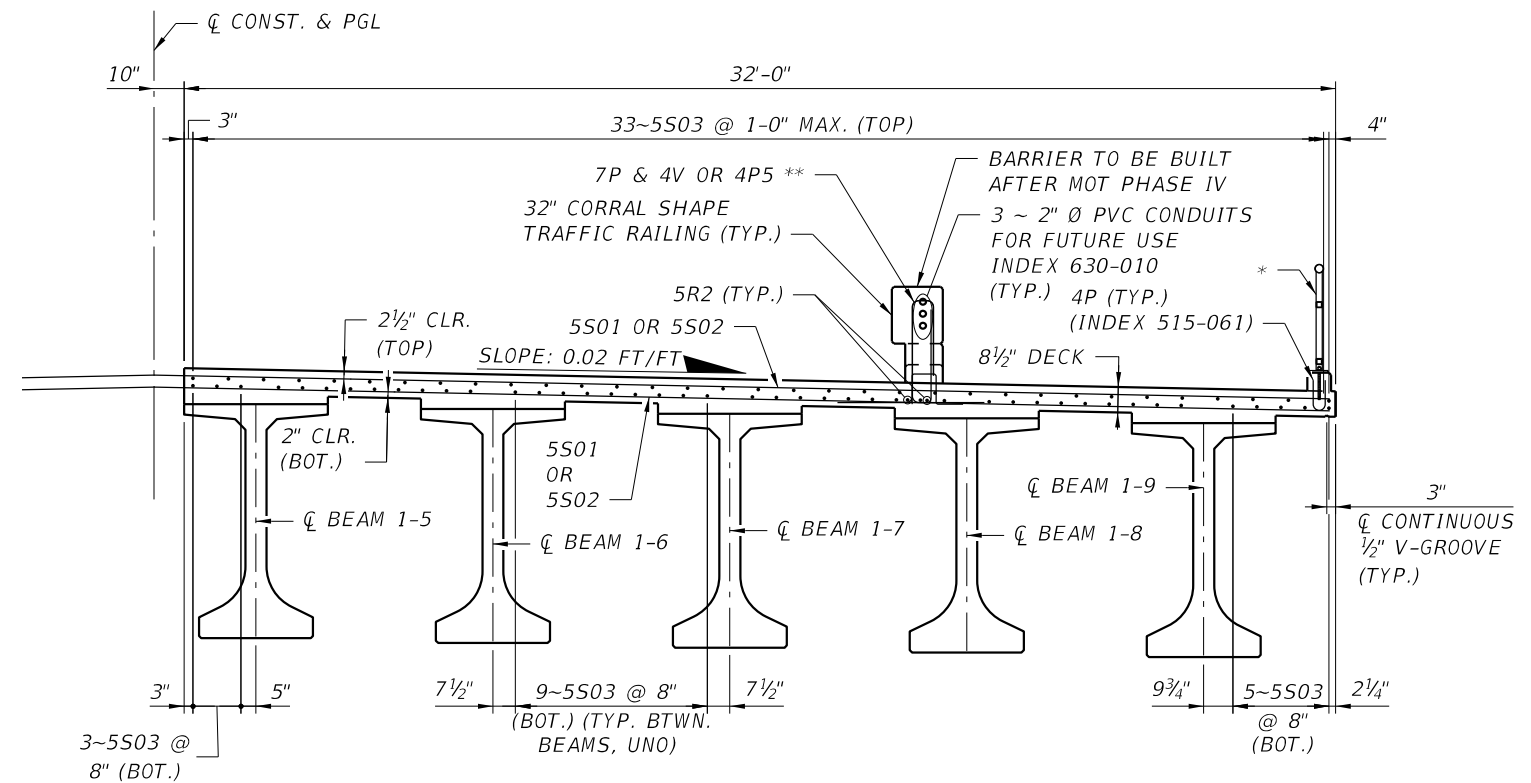
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

NOTES:

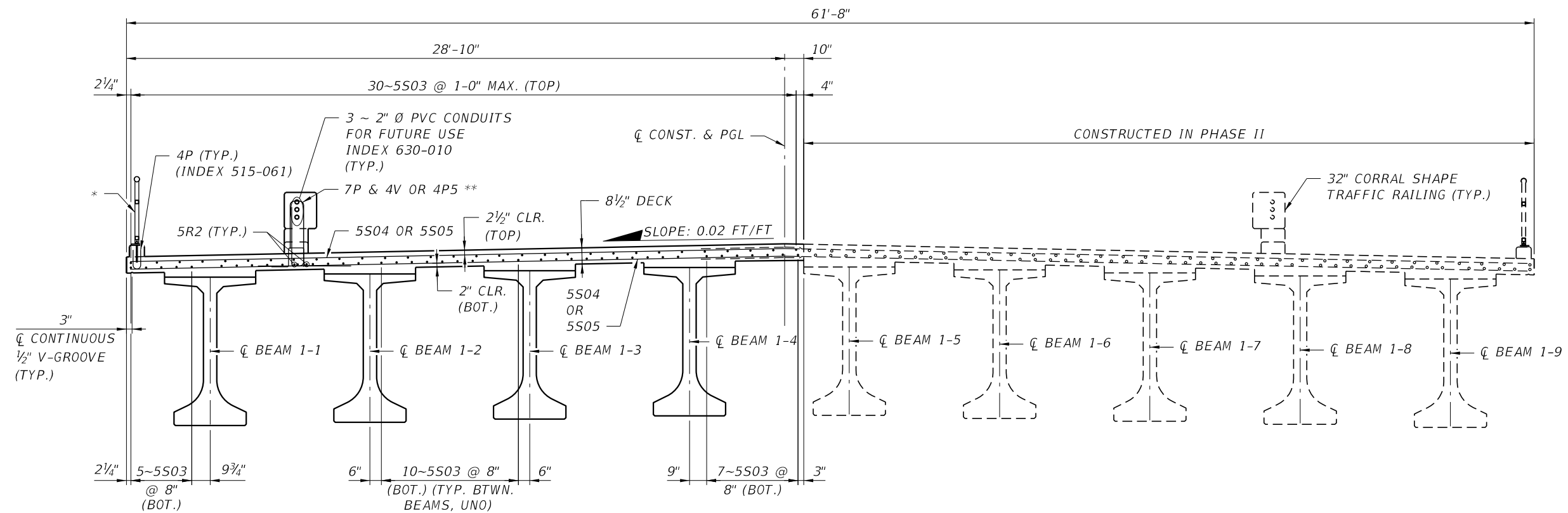
1. STAGGER LAP SPLICES BETWEEN ADJACENT TRANSVERSE AND LONGITUDINAL BARS.
2. FIELD ADJUST LONGITUDINAL BARS AS NECESSARY TO MEET SPACING REQUIREMENTS ALONG CURVE.
3. ALL REQUIRED REBAR LAP SPLICES SHALL BE A MINIMUM OF 1'-8" FOR NO. 5 BARS.

* 42" BRIDGE PEDESTRIAN/BICYCLE RAILING (ALUMINUM),
SCHEME 2, INDEX 515-061 (TYP.)

** SEE SHEETS B1-## THRU B1-### FOR 32" CORRAL
BARRIER DETAILS.



SUPERSTRUCTURE SECTION
(SPAN 1 - PHASE II)



SUPERSTRUCTURE SECTION
(SPAN 1 - PHASE IV)

BRIDGE NO. 124143

REVISIONS						DRAWN BY: JBH 04-21 CHECKED BY: KL 04-21 DESIGNED BY: DAA 02-20 CHECKED BY: SKB 03-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: SUPERSTRUCTURE SECTION (1 OF 3)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	COUNTY PROJECT No		
							CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-96

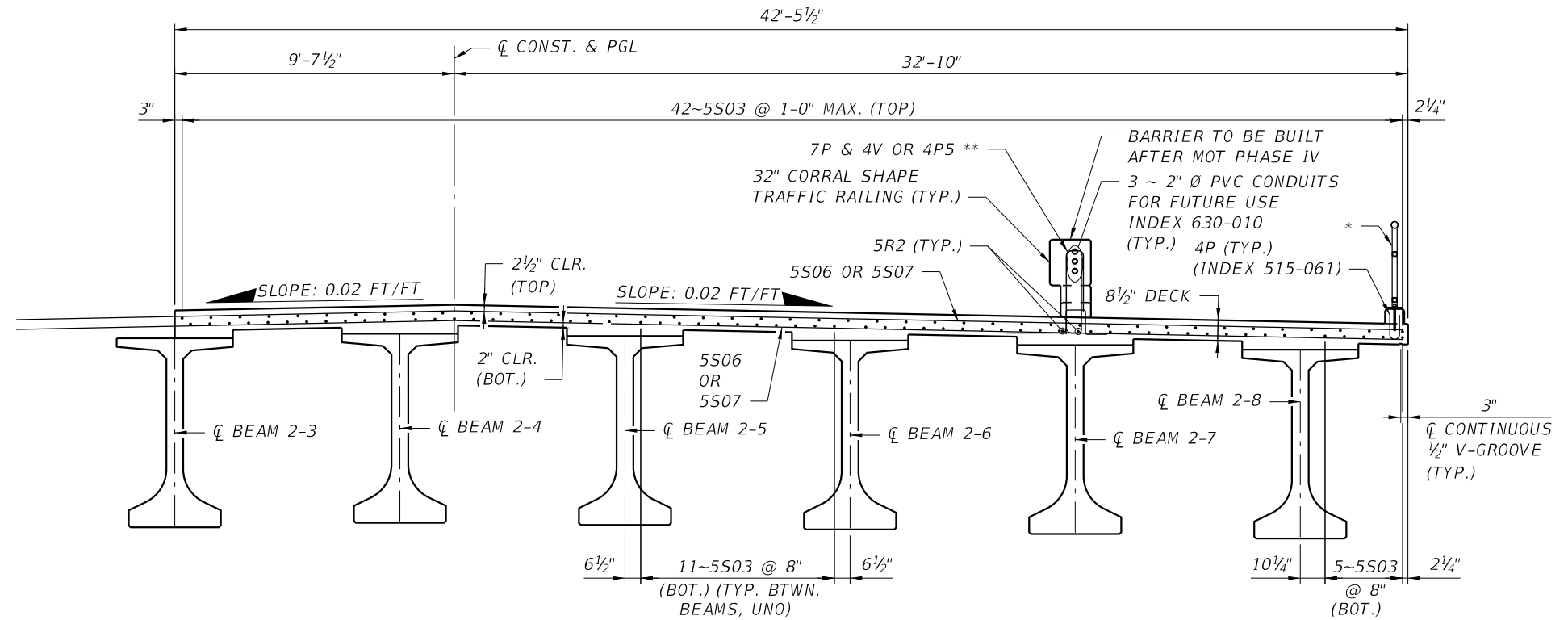
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

NOTES:

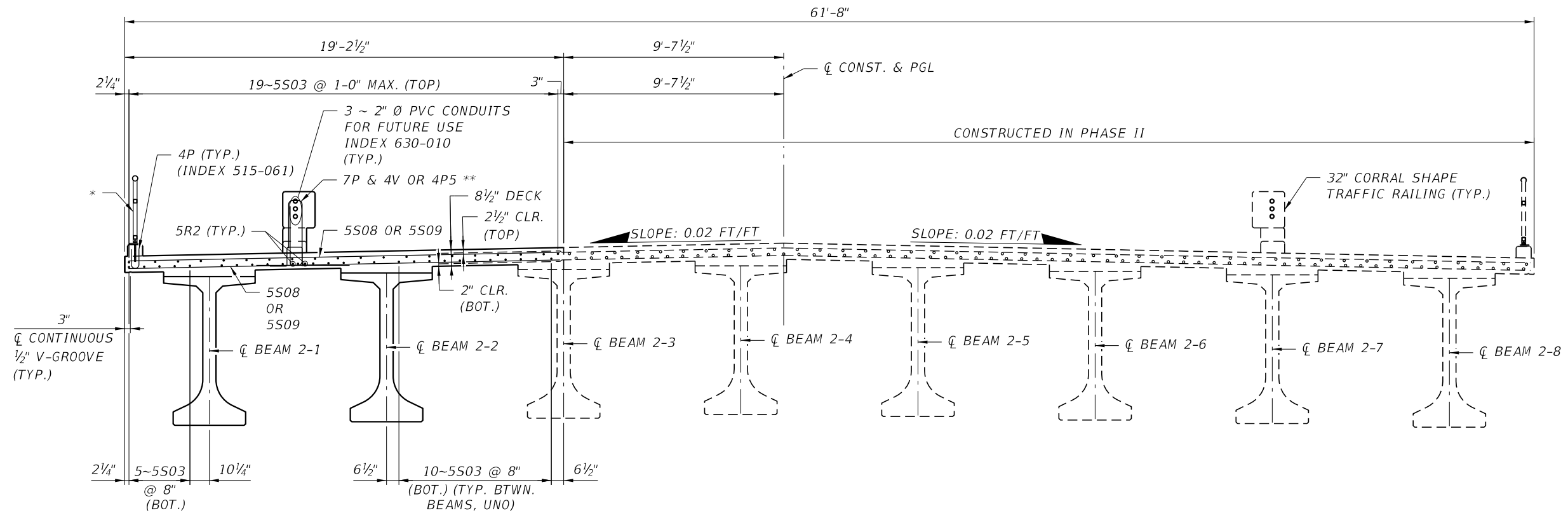
1. STAGGER LAP SPLICES BETWEEN ADJACENT TRANSVERSE AND LONGITUDINAL BARS.
2. FIELD ADJUST LONGITUDINAL BARS AS NECESSARY TO MEET SPACING REQUIREMENTS ALONG CURVE.
3. ALL REQUIRED REBAR LAP SPLICES SHALL BE A MINIMUM OF 1'-8" FOR NO. 5 BARS.

* 42" BRIDGE PEDESTRIAN/BICYCLE RAILING (ALUMINUM), SCHEME 2, INDEX 515-061 (TYP.)

** SEE SHEETS B1-## THRU B1-### FOR 32" CORRAL BARRIER DETAILS.



SUPERSTRUCTURE SECTION
(SPAN 2 - PHASE 2)

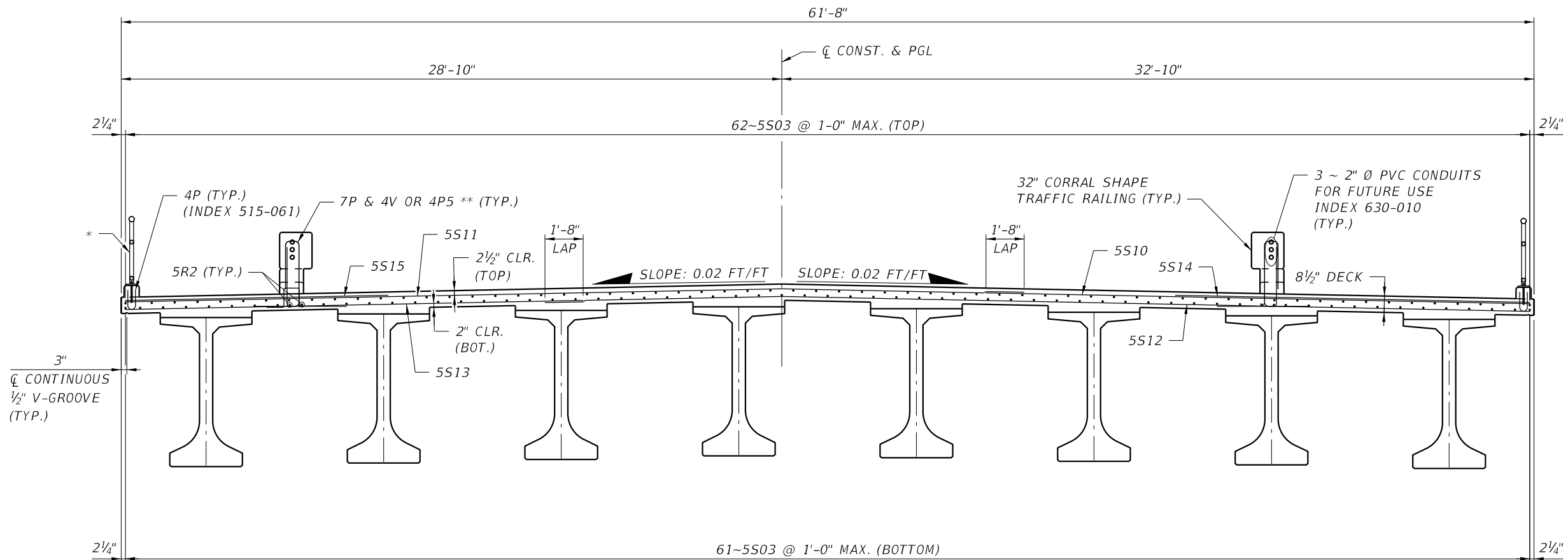


SUPERSTRUCTURE SECTION
(SPAN 2 - PHASE 4)

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: JBH 04-21 CHECKED BY: KL 04-21 DESIGNED BY: DAA 02-20 CHECKED BY: SKB 03-20	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: SUPERSTRUCTURE SECTION (2 OF 3) PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	REF. DWG. NO. SHEET NO. B1-97
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN160002		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SUPERSTRUCTURE SECTION
(SPANS 3 THRU 14)

NOTES:

1. STAGGER LAP SPLICES BETWEEN ADJACENT TRANSVERSE AND LONGITUDINAL BARS.
2. FIELD ADJUST LONGITUDINAL BARS AS NECESSARY TO MEET SPACING REQUIREMENTS ALONG CURVE.
3. ALL REQUIRED REBAR LAP SPLICES SHALL BE A MINIMUM OF 1'-8" FOR NO. 5 BARS.

* 42" BRIDGE PEDESTRIAN/BICYCLE RAILING (ALUMINUM),
SCHEME 2, INDEX 515-061 (TYP.)

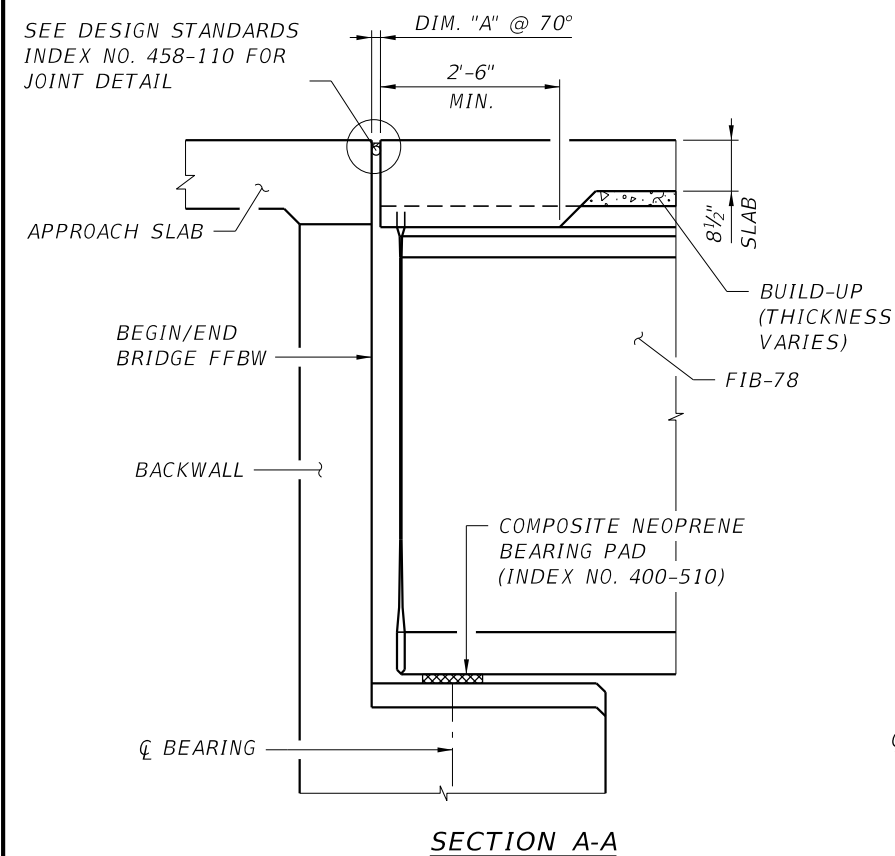
** SEE SHEETS B1-## THRU B1-### FOR 32" CORRAL
BARRIER DETAILS.

BRIDGE NO. 124143

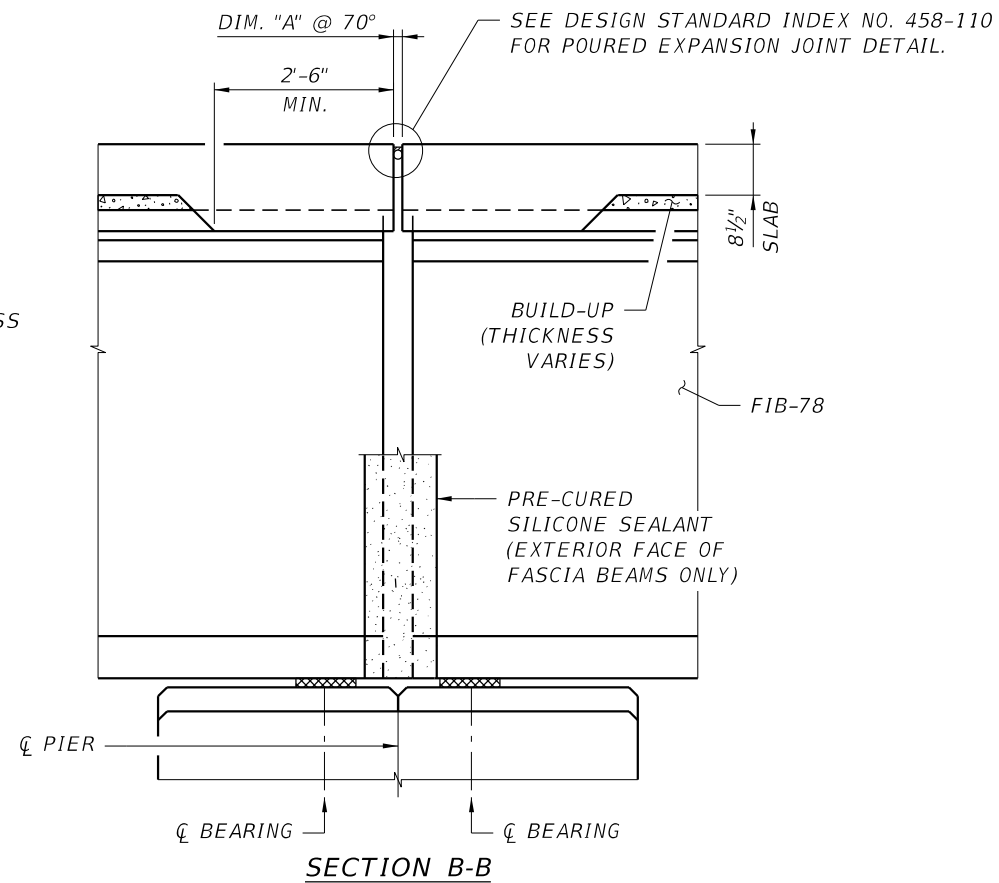
REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: JBH 04-21			LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: SUPERSTRUCTURE SECTION (3 OF 3)		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: KL 04-21								ROAD NO.
							DESIGNED BY: DAA 02-20			CR 865	LEE	CN160002	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		SHEET NO.
							CHECKED BY: SKB 03-20								B1-98

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

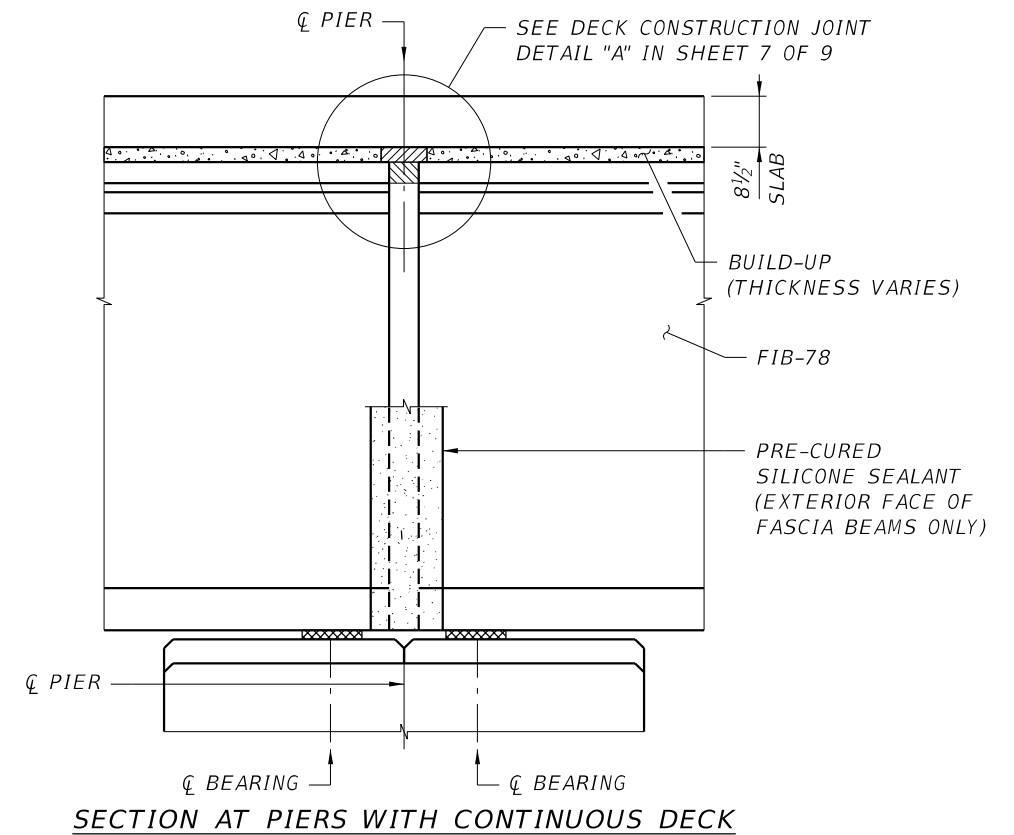
SEE DESIGN STANDARDS
INDEX NO. 458-110 FOR
JOINT DETAIL



SECTION A-A



SECTION B-B

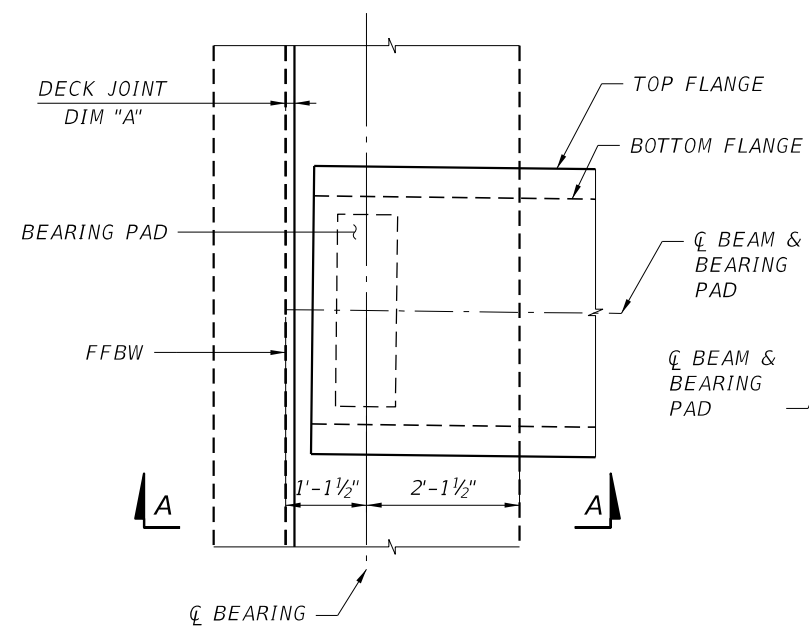


SECTION AT PIERS WITH CONTINUOUS DECK

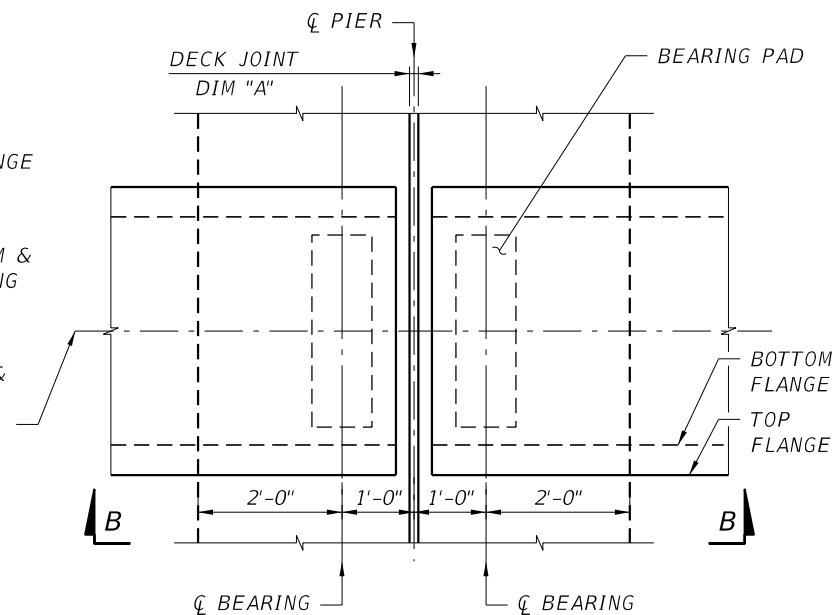
NOTES:

- SEE SHEET 2 OF 9 FOR POURED EXPANSION JOINT DATA TABLE.
- SEE SHEET 7 OF 9 FOR DECK POURING SEQUENCE AND CONSTRUCTION JOINT DETAILS.
- EXPANSION JOINT COVER PLATES REQUIRED OVER SIDEWALK AND SHARED USE PATH.

NOTE TO REVIEWER:
SUPERSTRUCTURE UPLIFT ANCHOR DETAIL
TO BE PROVIDED ON THE NEXT SUBMITTAL



PLAN VIEW OF JOINT AT END BENT
END BENT 1 SHOWN, END BENT 15 SIMILAR



PLAN VIEW OF JOINT AT PIER
PIERS 2, 3, 5, 6, 9, 10, 11, AND 13

BRIDGE NO. 124143

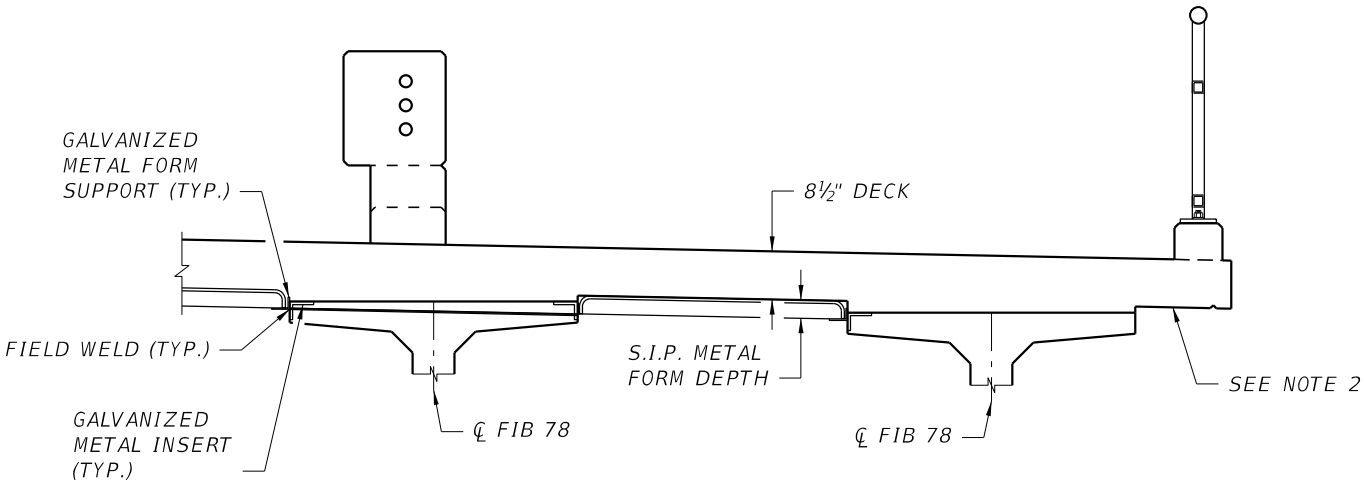
REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: DAA 11-19 CHECKED BY: KL 04-21 DESIGNED BY: DAA 11-19 CHECKED BY: SKB 12-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: SUPERSTRUCTURE DETAILS (1 OF 9)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN160002		
											PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-99

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

BEARING PAD DATA TABLE				Table Date 7-01-13
SPAN NO(s).	BEAM NO(s).	PAD TYPE	BEAM TYPE	BEAM END *
1	ALL	F	FIB 78	1, 2
2	ALL	F	FIB 78	1, 2
3	ALL	F	FIB 78	1, 2
4	ALL	F	FIB 78	1, 2
5	ALL	F	FIB 78	1, 2
6	ALL	F	FIB 78	1, 2
7	ALL	F	FIB 78	1, 2
8	ALL	F	FIB 78	1, 2
9	ALL	F	FIB 78	1, 2
10	ALL	F	FIB 78	1, 2
11	ALL	F	FIB 78	1, 2
12	ALL	F	FIB 78	1, 2
13	ALL	F	FIB 78	1, 2
14	ALL	F	FIB 78	1, 2

NOTE [Notes Date 07-01-14]:
Work this table with Index 400-510 for Pad Types AA, AB, D, E, F, G, H, J & K, and/or any project specific bearing pads.
* END 1 = Begin Bridge end of beam (Back station).
END 2 = End Bridge end of beam (Ahead station).

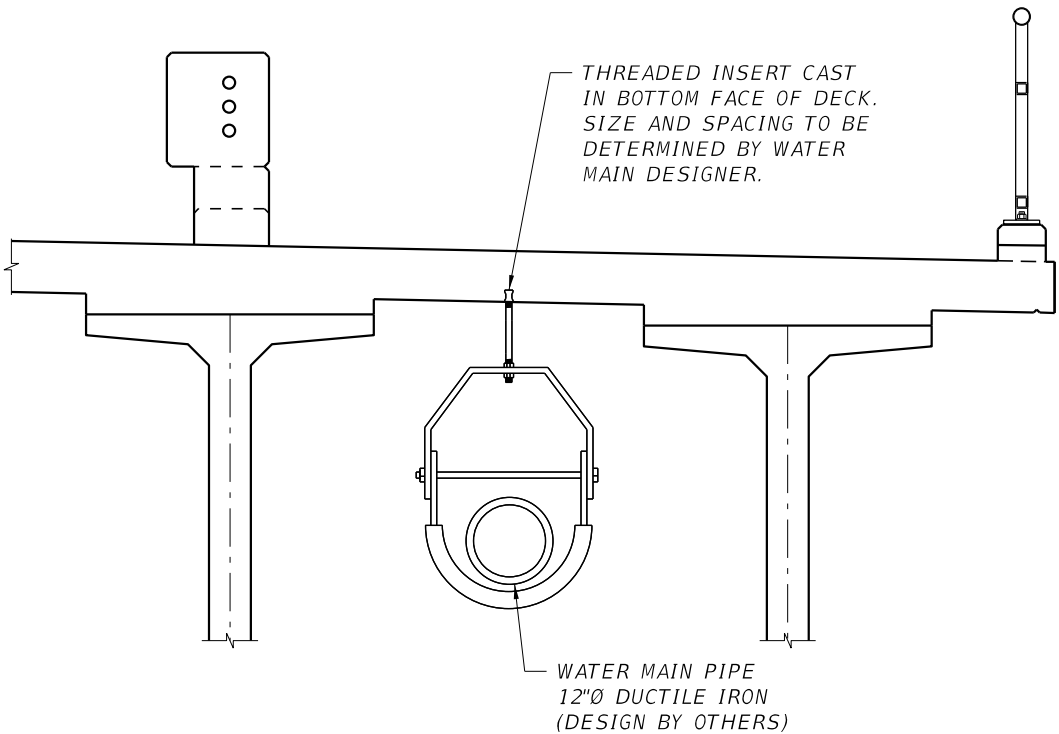
POURED EXPANSION JOINT DATA TABLE INDEX 458-110				Table Date 1-01-09
LOCATION	DIM. "A" @ 70°F	TOTAL DESIGN MOVEMENT	DIM. "A" ADJUSTMENT PER 10°F	
END BENT 1	1.75"	0.523"	0.062"	
PIER 2	1.75"	1.010"	0.120"	
PIER 3	1.75"	1.461"	0.174"	
PIER 5	1.75"	1.461"	0.174"	
PIER 6	1.75"	1.947"	0.232"	
PIER 9	1.75"	1.947"	0.232"	
PIER 10	1.75"	0.974"	0.116"	
PIER 11	1.75"	1.461"	0.174"	
PIER 13	1.75"	1.947"	0.232"	
END BENT 15	1.75"	0.974"	0.116"	
NOTE: Dim. "A" adjustment per 10°F shown is measured perpendicular to ϕ Expansion Joint. Work this table with Standard Plans Index 458-110.				



PARTIAL SECTION THRU SUPERSTRUCTURE
(SHOWING TYPICAL DETAILS FOR S.I.P. METAL FORMS)

STAY-IN-PLACE METAL FORM NOTES:

- SEE SECTION 400 OF THE SPECIFICATIONS FOR INSTALLATION REQUIREMENTS FOR S.I.P. FORMS AND SUPPORT COMPONENTS. ELECTRICAL GROUNDING TO REINFORCING STEEL IS PROHIBITED.
- S.I.P. METAL FORMS ARE NOT ALLOWED TO BE USED FOR OVERHANGS.

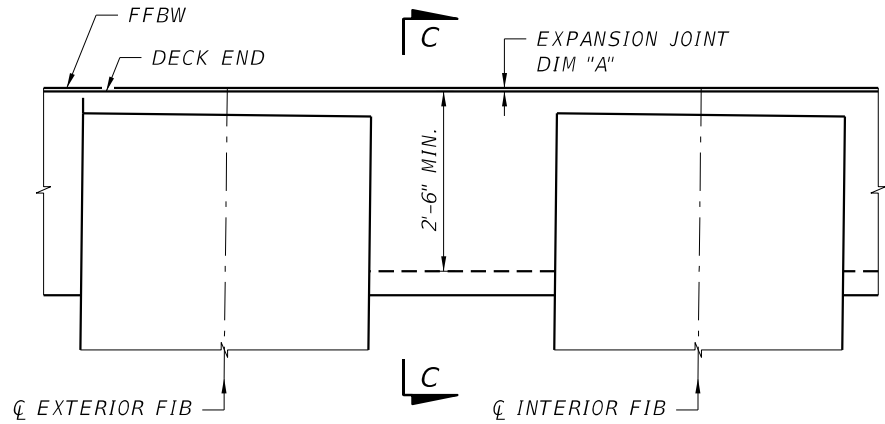


PARTIAL SECTION THRU SUPERSTRUCTURE
(SHOWING TYPICAL DETAILS FOR WATER MAIN PIPE)

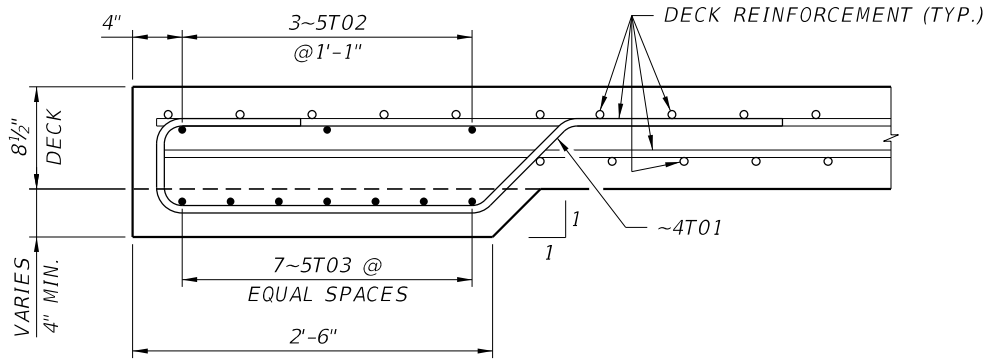
BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: DAA 11-19 CHECKED BY: KL 04-21 DESIGNED BY: DAA 11-19 CHECKED BY: SKB 12-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: SUPERSTRUCTURE DETAILS (2 OF 9)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN160002		
											PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-100

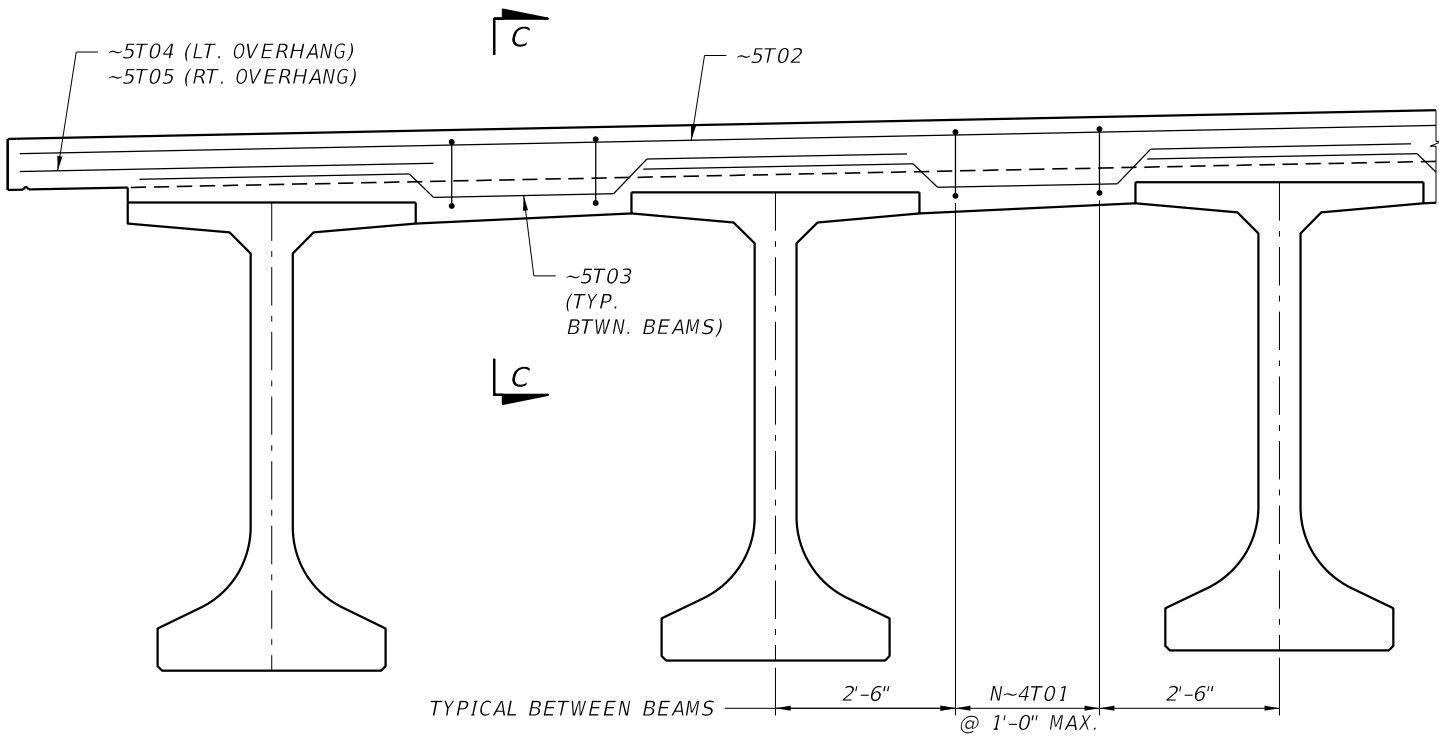
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PARTIAL PLAN VIEW OF THICKENED END SLAB



SECTION C-C



PARTIAL SECTION AT THICKENED END
(DECK REINFORCEMENT NOT SHOWN FOR CLARITY)

SPAN	N	
	BEGIN	END
1	3	3
2	4	4
3	4	N/A
4	N/A	4
5	4	4
6	4	N/A
7	N/A	N/A
8	N/A	4
9	4	4
10	4	4
11	4	N/A
12	N/A	4
13	4	N/A
14	N/A	4

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: DAA 11-19 CHECKED BY: KL 04-21 DESIGNED BY: DAA 11-19 CHECKED BY: SKB 12-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: SUPERSTRUCTURE DETAILS (3 OF 9)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN160002		
											PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-101

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

BUILD-UP & DEFLECTION DATA TABLE FOR PRESTRESSED I-BEAMS							Table Date 07/01/17	
LOCATION		REQUIRED THEORETICAL BUILD-UP OVER Q BEAM			NET BEAM CAMBER (PRESTRESS - DEAD LOAD OF BEAM) @ RELEASE	NET BEAM CAMBER (PRESTRESS - DEAD LOAD OF BEAM) @ 120 DAYS	DEAD LOAD DEFLECTION DURING DECK POUR @ 120 DAYS DIM A	BUILD-UP CASE NO.
SPAN NO.	BEAM NO.	AT BEGIN SPAN DIM B	AT Q SPAN DIM C	AT END SPAN DIM D				
1	1-1	0'-3"	0'-1"	0'-3"	2.379"	5.177"	3.346"	3
1	1-2	0'-2¾"	0'-1"	0'-2¾"	2.378"	5.174"	3.485"	3
1	1-3	0'-2¾"	0'-1"	0'-2¾"	2.376"	5.172"	3.490"	3
1	1-4	0'-2¾"	0'-1"	0'-2¾"	2.374"	5.170"	3.494"	3
1	1-5	0'-3⅜"	0'-1"	0'-3⅜"	2.373"	5.167"	2.688"	3
1	1-6	0'-2¾"	0'-1"	0'-2¾"	2.371"	5.165"	3.294"	3
1	1-7	0'-2¾"	0'-1"	0'-2¾"	2.370"	5.162"	3.298"	3
1	1-8	0'-2¾"	0'-1"	0'-2¾"	2.368"	5.160"	3.302"	3
1	1-9	0'-2⅝"	0'-1"	0'-2⅝"	2.366"	5.157"	3.451"	3
2	2-1	0'-4"	0'-1"	0'-4"	2.483"	5.245"	2.475"	3
2	2-2	0'-3⅝"	0'-1"	0'-3⅝"	2.479"	5.240"	2.874"	3
2	2-3	0'-4⅞"	0'-1"	0'-4⅞"	2.474"	5.234"	1.654"	3
2	2-4	0'-3½"	0'-1"	0'-3½"	2.469"	5.228"	2.935"	3
2	2-5	0'-3"	0'-1"	0'-3"	2.463"	5.222"	2.938"	3
2	2-6	0'-3"	0'-1"	0'-3"	2.458"	5.215"	2.969"	3
2	2-7	0'-3"	0'-1"	0'-3"	2.452"	5.208"	2.994"	3
2	2-8	0'-2⅞"	0'-1"	0'-2⅞"	2.446"	5.199"	3.101"	3
3	3-1	0'-4"	0'-1"	0'-4"	2.483"	5.245"	2.531"	3
3	3-2	0'-3⅝"	0'-1"	0'-3⅝"	2.479"	5.240"	2.874"	3
3	3-3	0'-3⅝"	0'-1"	0'-3⅝"	2.474"	5.234"	2.902"	3
3	3-4	0'-3½"	0'-1"	0'-3½"	2.468"	5.228"	2.936"	3
3	3-5	0'-3"	0'-1"	0'-3"	2.464"	5.222"	2.938"	3
3	3-6	0'-3"	0'-1"	0'-3"	2.459"	5.215"	2.966"	3
3	3-7	0'-2⅞"	0'-1"	0'-2⅞"	2.452"	5.207"	3.005"	3
3	3-8	0'-2⅞"	0'-1"	0'-2⅞"	2.446"	5.200"	3.042"	3
4	4-1	0'-3½"	0'-1"	0'-3½"	2.470"	5.229"	2.753"	3
4	4-2	0'-3⅜"	0'-1"	0'-3⅜"	2.469"	5.228"	2.921"	3
4	4-3	0'-3⅜"	0'-1"	0'-3⅜"	2.468"	5.227"	2.925"	3
4	4-4	0'-3¼"	0'-1"	0'-3¼"	2.467"	5.226"	2.930"	3
4	4-5	0'-3¼"	0'-1"	0'-3¼"	2.467"	5.225"	2.933"	3
4	4-6	0'-3¼"	0'-1"	0'-3¼"	2.466"	5.225"	2.937"	3
4	4-7	0'-3¼"	0'-1"	0'-3¼"	2.465"	5.223"	2.944"	3
4	4-8	0'-3⅜"	0'-1"	0'-3⅜"	2.464"	5.222"	2.797"	3

BUILD-UP & DEFLECTION DATA TABLE FOR PRESTRESSED I-BEAMS							Table Date 07/01/17	
LOCATION		REQUIRED THEORETICAL BUILD-UP OVER Q̄ BEAM			NET BEAM CAMBER (PRESTRESS - DEAD LOAD OF BEAM) @ RELEASE	NET BEAM CAMBER (PRESTRESS - DEAD LOAD OF BEAM) @ 120 DAYS	DEAD LOAD DEFLECTION DURING DECK POUR @ 120 DAYS DIM A	BUILD-UP CASE NO.
SPAN NO.	BEAM NO.	AT BEGIN SPAN DIM B	AT Q̄ SPAN DIM C	AT END SPAN DIM D				
5	5-1	0'-3½"	0'-1"	0'-3½"	2.467"	5.226"	2.775"	3
5	5-2	0'-3¼"	0'-1"	0'-3¼"	2.467"	5.226"	2.930"	3
5	5-3	0'-3¼"	0'-1"	0'-3¼"	2.467"	5.226"	2.930"	3
5	5-4	0'-3¼"	0'-1"	0'-3¼"	2.467"	5.226"	2.930"	3
5	5-5	0'-3¼"	0'-1"	0'-3¼"	2.467"	5.226"	2.930"	3
5	5-6	0'-3¼"	0'-1"	0'-3¼"	2.467"	5.226"	2.930"	3
5	5-7	0'-3¼"	0'-1"	0'-3¼"	2.467"	5.226"	2.930"	3
5	5-8	0'-3½"	0'-1"	0'-3½"	2.467"	5.226"	2.775"	3
6	6-1	0'-1"	0'-4⅛"	0'-1"	2.468"	5.228"	2.921"	4
6	6-2	0'-1"	0'-4¼"	0'-1"	2.468"	5.228"	3.100"	4
6	6-3	0'-1"	0'-4¼"	0'-1"	2.468"	5.228"	3.100"	4
6	6-4	0'-1"	0'-4¼"	0'-1"	2.468"	5.228"	3.100"	4
6	6-5	0'-1"	0'-4¼"	0'-1"	2.468"	5.228"	3.100"	4
6	6-6	0'-1"	0'-4¼"	0'-1"	2.468"	5.228"	3.100"	4
6	6-7	0'-1"	0'-4¼"	0'-1"	2.468"	5.228"	3.100"	4
6	6-8	0'-1"	0'-4⅛"	0'-1"	2.468"	5.228"	2.921"	4
7	7-1	0'-1"	0'-4⅛"	0'-1"	2.470"	5.229"	2.912"	4
7	7-2	0'-1"	0'-4¼"	0'-1"	2.470"	5.229"	3.090"	4
7	7-3	0'-1"	0'-4¼"	0'-1"	2.470"	5.229"	3.090"	4
7	7-4	0'-1"	0'-4¼"	0'-1"	2.470"	5.229"	3.090"	4
7	7-5	0'-1"	0'-4¼"	0'-1"	2.470"	5.229"	3.090"	4
7	7-6	0'-1"	0'-4¼"	0'-1"	2.470"	5.229"	3.090"	4
7	7-7	0'-1"	0'-4¼"	0'-1"	2.470"	5.229"	3.090"	4
7	7-8	0'-1"	0'-4⅛"	0'-1"	2.470"	5.229"	2.912"	4
8	8-1	0'-1"	0'-4⅛"	0'-1"	2.470"	5.229"	2.912"	4
8	8-2	0'-1"	0'-4¼"	0'-1"	2.470"	5.229"	3.090"	4
8	8-3	0'-1"	0'-4¼"	0'-1"	2.470"	5.229"	3.090"	4
8	8-4	0'-1"	0'-4¼"	0'-1"	2.470"	5.229"	3.090"	4
8	8-5	0'-1"	0'-4¼"	0'-1"	2.470"	5.229"	3.090"	4
8	8-6	0'-1"	0'-4¼"	0'-1"	2.470"	5.229"	3.090"	4
8	8-7	0'-1"	0'-4¼"	0'-1"	2.470"	5.229"	3.090"	4
8	8-8	0'-1"	0'-4⅛"	0'-1"	2.470"	5.229"	2.912"	4

NOTES: Work this sheet with Standard
Plans Index 450-199.

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: DAA 11-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: KL 04-21				PROJECT NAME:		
							DESIGNED BY: DAA 11-19	ROAD NO.	COUNTY	COUNTY PROJECT No	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		SHEET NO.
							CHECKED BY: SKB 12-19	CR 865	LEE	CN160002			B1-102

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

BUILD-UP & DEFLECTION DATA TABLE FOR PRESTRESSED I-BEAMS							Table Date 07/01/17	
LOCATION		REQUIRED THEORETICAL BUILD-UP OVER \bar{Q} BEAM			NET BEAM CAMBER (PRESTRESS - DEAD LOAD OF BEAM) @ RELEASE	NET BEAM CAMBER (PRESTRESS - DEAD LOAD OF BEAM) @ 120 DAYS	DEAD LOAD DEFLECTION DURING DECK POUR @ 120 DAYS DIM A	BUILD-UP CASE NO.
SPAN NO.	BEAM NO.	AT BEGIN SPAN DIM B	AT \bar{Q} SPAN DIM C	AT END SPAN DIM D				
9	9-1	0'-1"	0'-4"	0'-1"	2.472"	5.233"	2.861"	4
9	9-2	0'-1"	0'-4¼"	0'-1"	2.472"	5.232"	3.070"	4
9	9-3	0'-1"	0'-4¼"	0'-1"	2.471"	5.230"	3.079"	4
9	9-4	0'-1"	0'-4¼"	0'-1"	2.470"	5.229"	3.088"	4
9	9-5	0'-1"	0'-4¾"	0'-1"	2.467"	5.226"	3.110"	4
9	9-6	0'-1"	0'-4¾"	0'-1"	2.466"	5.225"	3.119"	4
9	9-7	0'-1"	0'-4¾"	0'-1"	2.465"	5.223"	3.127"	4
9	9-8	0'-1"	0'-4¼"	0'-1"	2.464"	5.222"	2.980"	4
10	10-1	0'-2¾"	0'-1"	0'-2¾"	2.483"	5.245"	2.471"	3
10	10-2	0'-2¾"	0'-1"	0'-2¾"	2.479"	5.240"	2.813"	3
10	10-3	0'-2¾"	0'-1"	0'-2¾"	2.474"	5.234"	2.839"	3
10	10-4	0'-2¾"	0'-1"	0'-2¾"	2.468"	5.228"	2.873"	3
10	10-5	0'-1¾"	0'-1"	0'-1¾"	2.464"	5.222"	2.874"	3
10	10-6	0'-1¾"	0'-1"	0'-1¾"	2.459"	5.215"	2.902"	3
10	10-7	0'-1¾"	0'-1"	0'-1¾"	2.452"	5.207"	2.935"	3
10	10-8	0'-1½"	0'-1"	0'-1½"	2.446"	5.199"	2.976"	3
11	11-1	0'-4"	0'-1"	0'-4"	2.483"	5.245"	2.531"	3
11	11-2	0'-3½"	0'-1"	0'-3½"	2.479"	5.240"	2.874"	3
11	11-3	0'-3½"	0'-1"	0'-3½"	2.474"	5.234"	2.902"	3
11	11-4	0'-3½"	0'-1"	0'-3½"	2.468"	5.228"	2.937"	3
11	11-5	0'-3"	0'-1"	0'-3"	2.464"	5.222"	2.938"	3
11	11-6	0'-3"	0'-1"	0'-3"	2.459"	5.215"	2.966"	3
11	11-7	0'-2⅞"	0'-1"	0'-2⅞"	2.452"	5.208"	3.001"	3
11	11-8	0'-2⅞"	0'-1"	0'-2⅞"	2.446"	5.199"	3.042"	3
12	12-1	0'-3⅞"	0'-1"	0'-3⅞"	2.461"	5.218"	2.904"	3
12	12-2	0'-3⅞"	0'-1"	0'-3⅞"	2.462"	5.220"	2.950"	3
12	12-3	0'-3⅞"	0'-1"	0'-3⅞"	2.465"	5.223"	2.936"	3
12	12-4	0'-3⅞"	0'-1"	0'-3⅞"	2.467"	5.226"	2.922"	3
12	12-5	0'-3½"	0'-1"	0'-3½"	2.468"	5.228"	2.931"	3
12	12-6	0'-3½"	0'-1"	0'-3½"	2.471"	5.230"	2.917"	3
12	12-7	0'-3½"	0'-1"	0'-3½"	2.473"	5.233"	2.904"	3
12	12-8	0'-3¾"	0'-1"	0'-3¾"	2.474"	5.235"	2.639"	3

BUILD-UP & DEFLECTION DATA TABLE FOR PRESTRESSED I-BEAMS							Table Date 07/01/17	
LOCATION		REQUIRED THEORETICAL BUILD-UP OVER Q̄ BEAM			NET BEAM CAMBER (PRESTRESS - DEAD LOAD OF BEAM) @ RELEASE	NET BEAM CAMBER (PRESTRESS - DEAD LOAD OF BEAM) @ 120 DAYS	DEAD LOAD DEFLECTION DURING DECK POUR @ 120 DAYS DIM A	BUILD-UP CASE NO.
SPAN NO.	BEAM NO.	AT BEGIN SPAN DIM B	AT Q̄ SPAN DIM C	AT END SPAN DIM D				
13	13-1	0'-27⁄8"	0'-1"	0'-27⁄8"	2.449"	5.203"	3.028"	3
13	13-2	0'-3"	0'-1"	0'-3"	2.455"	5.211"	2.987"	3
13	13-3	0'-3"	0'-1"	0'-3"	2.461"	5.219"	2.952"	3
13	13-4	0'-3"	0'-1"	0'-3"	2.466"	5.225"	2.924"	3
13	13-5	0'-35⁄8"	0'-1"	0'-35⁄8"	2.472"	5.232"	2.915"	3
13	13-6	0'-35⁄8"	0'-1"	0'-35⁄8"	2.476"	5.237"	2.888"	3
13	13-7	0'-35⁄8"	0'-1"	0'-35⁄8"	2.481"	5.242"	2.860"	3
13	13-8	0'-4"	0'-1"	0'-4"	2.486"	5.248"	2.513"	3
14	14-1	0'-27⁄8"	0'-1"	0'-27⁄8"	2.451"	5.205"	3.018"	3
14	14-2	0'-3"	0'-1"	0'-3"	2.457"	5.213"	2.973"	3
14	14-3	0'-3"	0'-1"	0'-3"	2.462"	5.220"	2.945"	3
14	14-4	0'-3"	0'-1"	0'-3"	2.468"	5.227"	2.914"	3
14	14-5	0'-35⁄8"	0'-1"	0'-35⁄8"	2.473"	5.233"	2.910"	3
14	14-6	0'-35⁄8"	0'-1"	0'-35⁄8"	2.478"	5.239"	2.880"	3
14	14-7	0'-35⁄8"	0'-1"	0'-35⁄8"	2.482"	5.244"	2.850"	3
14	14-8	0'-4"	0'-1"	0'-4"	2.487"	5.249"	2.508"	3

NOTES: Work this sheet with Standard
Plans Index 450-199.

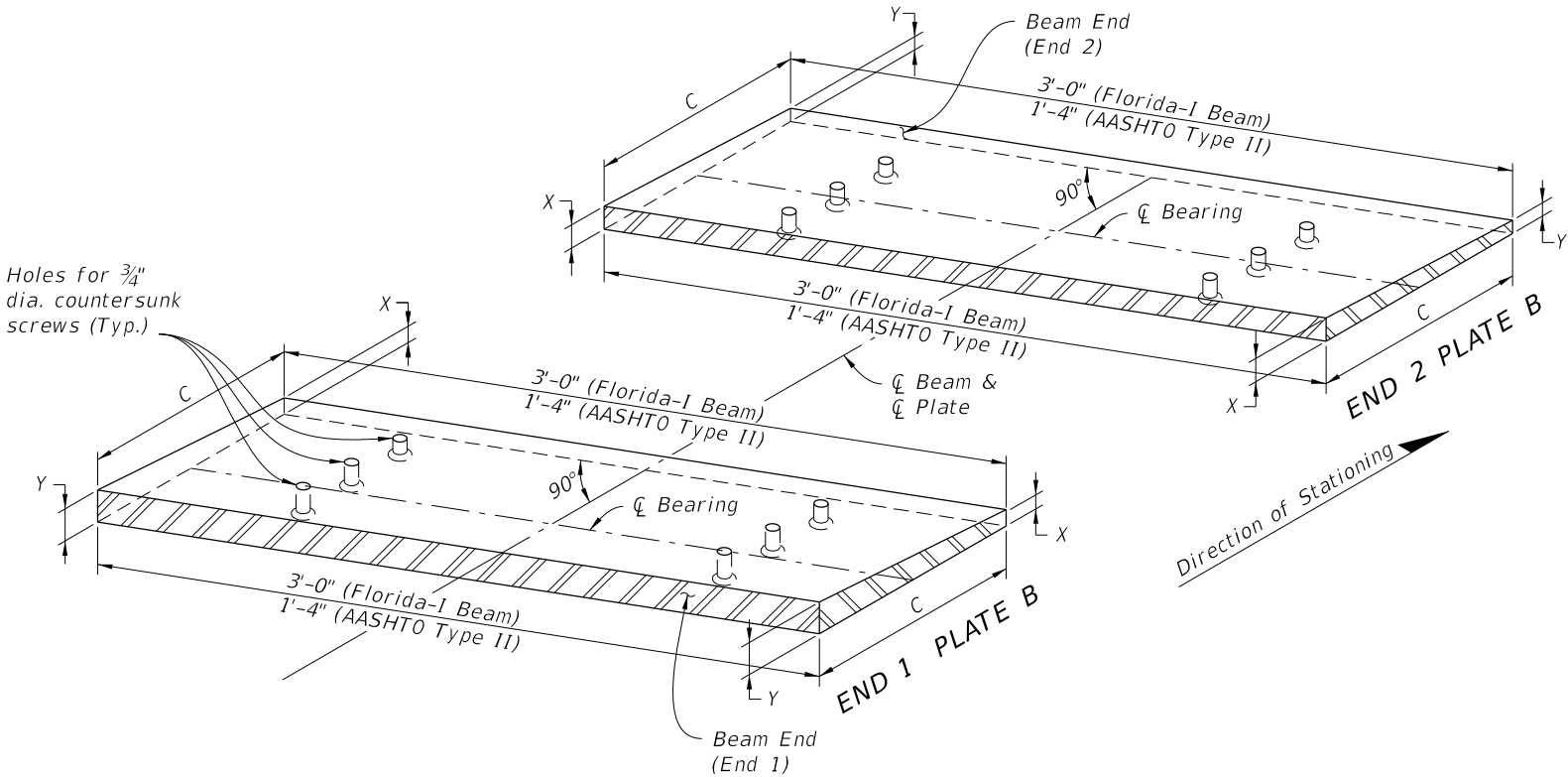
BRIDGE NO. 124143

REVISIONS						<i>Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610</i>	DRAWN BY: DAA 11-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: AEL 04-21				SUPERSTRUCTURE DETAILS (5 OF 9)		
							DESIGNED BY: DAA 11-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.	
							CHECKED BY: SKB 12-19	CR 865	LEE	CN160002		ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B1 - 103

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

BEARING PLATE DATA TABLE - TYPE 2								Table Date 7-01-13		
GENERAL BEARING PLATE DATA							BEVELED PLATE REQUIRED (Yes/No)	BEVELED PLATE DIMENSIONS (PLATE B) (inches)		
BRG. PLATE MARK **	SPAN NO(s).	BEAM NO(s).	PAD TYPE	BEAM END	PLAN VIEW CASE	SLOPE (%) *		C	X	Y
1-1	1	1-9	F	1	1	5.0	YES	12	1 ¹ / ₈ "	0 ¹ / ₂ "
1-2	1	1-9	F	2	1	5.0	YES	12	0 ¹ / ₂ "	1 ¹ / ₈ "
2-1	2	1-8	F	1	1	5.0	YES	12	1 ¹ / ₈ "	0 ¹ / ₂ "
2-2	2	1-8	F	2	1	5.0	YES	12	0 ¹ / ₂ "	1 ¹ / ₈ "
3-1	3	1-8	F	1	1	5.0	YES	12	1 ¹ / ₈ "	0 ¹ / ₂ "
3-2	3	1-8	F	2	1	5.0	YES	12	0 ¹ / ₂ "	1 ¹ / ₈ "
4-1	4	1-8	F	1	1	5.0	YES	12	1 ¹ / ₈ "	0 ¹ / ₂ "
4-2	4	1-8	F	2	1	5.0	YES	12	0 ¹ / ₂ "	1 ¹ / ₈ "
5-1	5	1-8	F	1	1	5.0	YES	12	1 ¹ / ₈ "	0 ¹ / ₂ "
5-2	5	1-8	F	2	1	5.0	YES	12	0 ¹ / ₂ "	1 ¹ / ₈ "
6-1	6	1-8	F	1	1	3.8	YES	12	0 ¹ ⁵ / ₁₆ "	0 ¹ / ₂ "
6-2	6	1-8	F	2	1	3.8	YES	12	0 ¹ / ₂ "	0 ¹ ⁵ / ₁₆ "
7-1	7	1-8	F	1	1	1.5	NO	N/A	N/A	N/A
7-2	7	1-8	F	2	1	1.5	NO	N/A	N/A	N/A
8-1	8	1-8	F	1	1	-0.8	NO	N/A	N/A	N/A
8-2	8	1-8	F	2	1	-0.8	NO	N/A	N/A	N/A
9-1	9	1-8	F	1	1	-3.1	YES	12	0 ¹ / ₂ "	0 ⁷ / ₈ "
9-2	9	1-8	F	2	1	-3.1	YES	12	0 ⁷ / ₈ "	0 ¹ / ₂ "
10-1	10	1-8	F	1	1	-4.9	YES	12	0 ¹ / ₂ "	1 ¹ / ₁₆ "
10-2	10	1-8	F	2	1	-4.9	YES	12	1 ¹ / ₁₆ "	0 ¹ / ₂ "
11-1	11	1-8	F	1	1	-5.0	YES	12	0 ¹ / ₂ "	1 ¹ / ₈ "
11-2	11	1-8	F	2	1	-5.0	YES	12	1 ¹ / ₈ "	0 ¹ / ₂ "
12-1	12	1-8	F	1	1	-5.0	YES	12	0 ¹ / ₂ "	1 ¹ / ₈ "
12-2	12	1-8	F	2	1	-5.0	YES	12	1 ¹ / ₈ "	0 ¹ / ₂ "
13-1	13	1-8	F	1	1	-5.0	YES	12	0 ¹ / ₂ "	1 ¹ / ₈ "
13-2	13	1-8	F	2	1	-5.0	YES	12	1 ¹ / ₈ "	0 ¹ / ₂ "
14-1	14	1-8	F	1	1	-5.0	YES	12	0 ¹ / ₂ "	1 ¹ / ₈ "
14-2	14	1-8	F	2	1	-5.0	YES	12	1 ¹ / ₈ "	0 ¹ / ₂ "

NOTES:
See Index 450-512 for additional notes and details.
Embedded Bearing Plate A dimensions are ½" x 1'-1½" x 3'-0" for Florida-I Beams
or ½" x 1'-1½" x 1'-4" for AASHTO Type II Beams.
* Slope measured along \bar{C} of Beam at \bar{C} of Bearing.
** See "TABLE OF BEAM VARIABLES" and Index 450-010 for Florida-I Beams
or Index 450-120 for AASHTO Type II Beams.

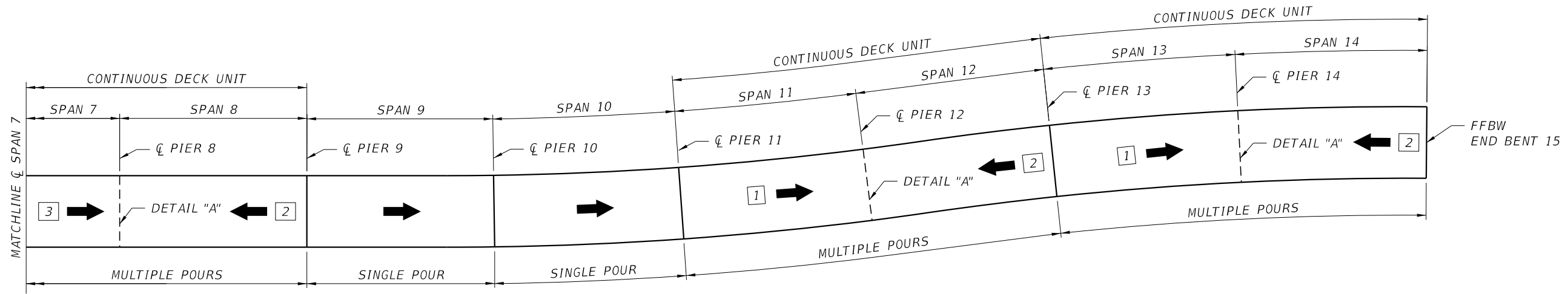
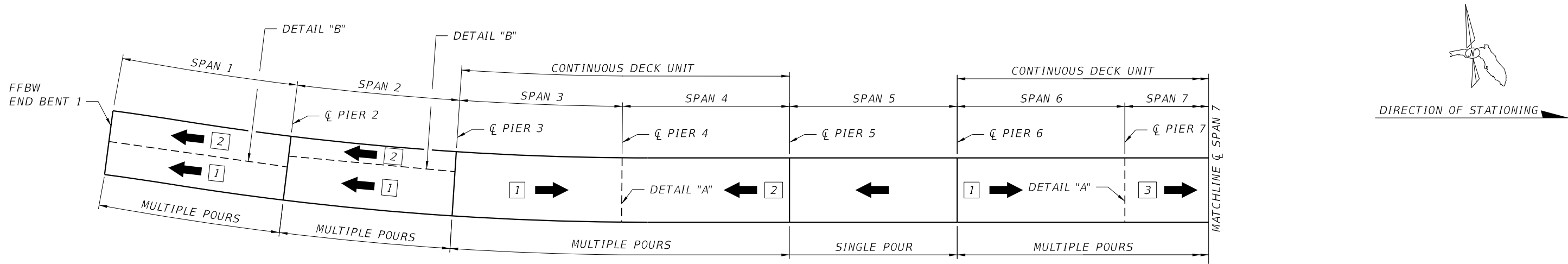


ISOMETRIC VIEW OF BEVELED BEARING PLATES (TYPE 2) FOR FLORIDA I-BEAMS
(AASHTO TYPE II BEAMS SIMILAR)

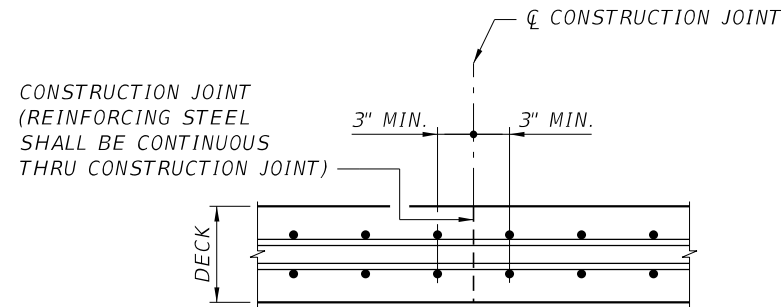
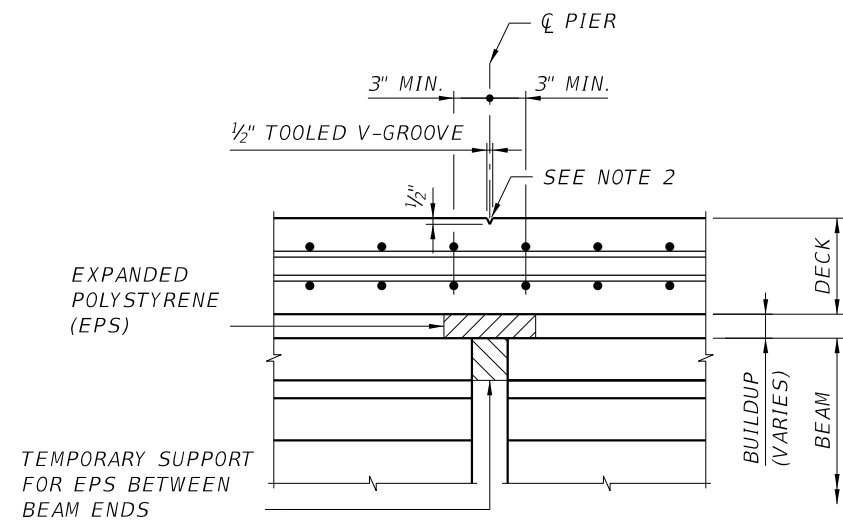
BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: DAA 11-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: KL 04-21				SUPERSTRUCTURE DETAILS (6 OF 9)		
							DESIGNED BY: DAA 11-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.	
							CHECKED BY: SKB 12-19	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B1-104	

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



DECK CONCRETE POURING SEQUENCE



DECK CONCRETE POURING NOTES:

1. LEGEND:
- ← # DENOTES POURING SEQUENCE AND DIRECTION.
2. FILL TOOLED V-GROOVE WITH TYPE D SEALANT PER SPECIFICATIONS SECTION 932. GROOVE SHALL BE CLEAN AND FREE OF GREASE AND DEBRIS BEFORE FILLING.
3. ANY CHANGE TO DECK CASTING SEQUENCE SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL.
4. WORK THIS SHEET WITH CONSTRUCTION SEQUENCE SHEETS TO COMPLETE POURING SEQUENCE 2 FOR SPANS 1 AND 2.

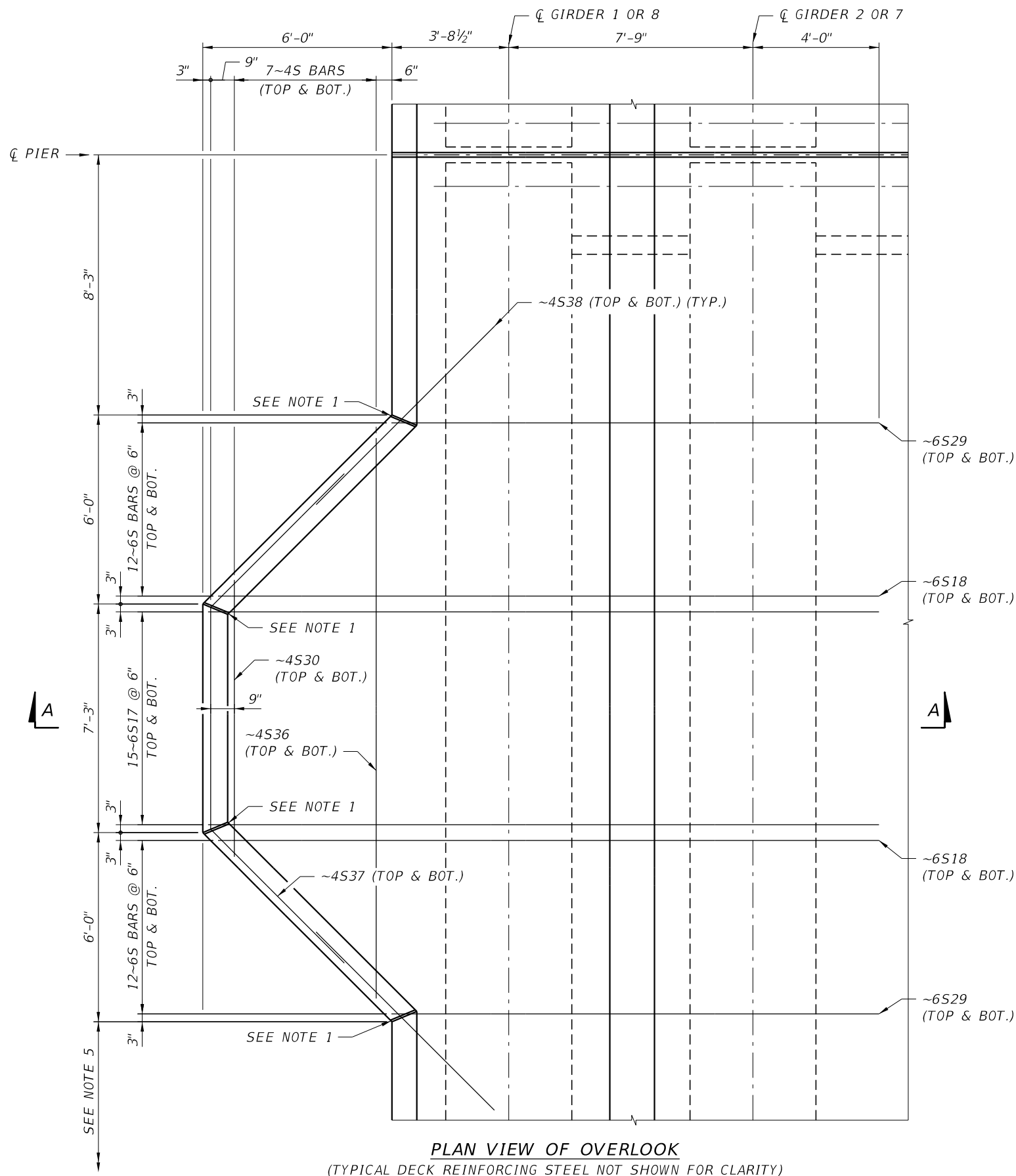
DECK CONSTRUCTION JOINTS

BRIDGE NO. 124143

REVISIONS						DRAWN BY: DAA 11-19 CHECKED BY: KL 04-21 DESIGNED BY: DAA 11-19 CHECKED BY: SKB 12-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: SUPERSTRUCTURE DETAILS (7 OF 9)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						
							ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.
							CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B1-105

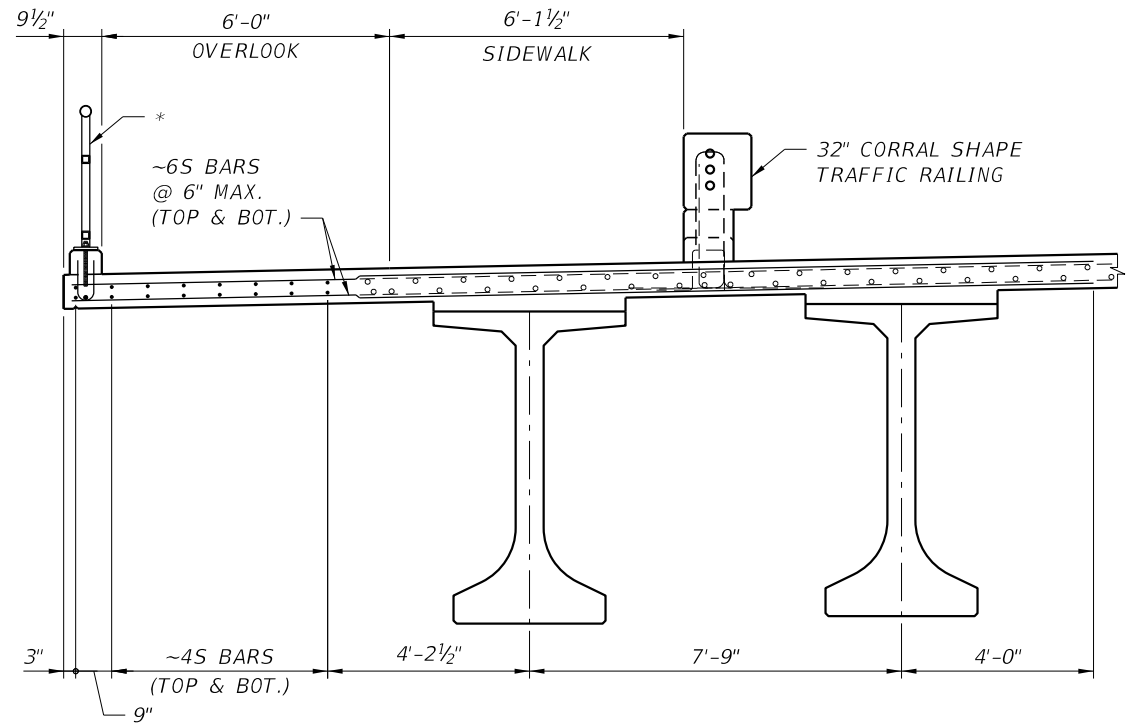
Notice: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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PLAN VIEW OF OVERLOOK

(TYPICAL DECK REINFORCING STEEL NOT SHOWN FOR CLARITY)



SECTION A-A

(SHOWING OVERLOOK TO THE LEFT OF THE ALIGNMENT, SIMILAR FOR RIGHT SIDE)

* 42" BRIDGE PEDESTRIAN/BICYCLE RAILING (ALUMINUM),
SCHEME 2, INDEX 515-061 (TYP.)

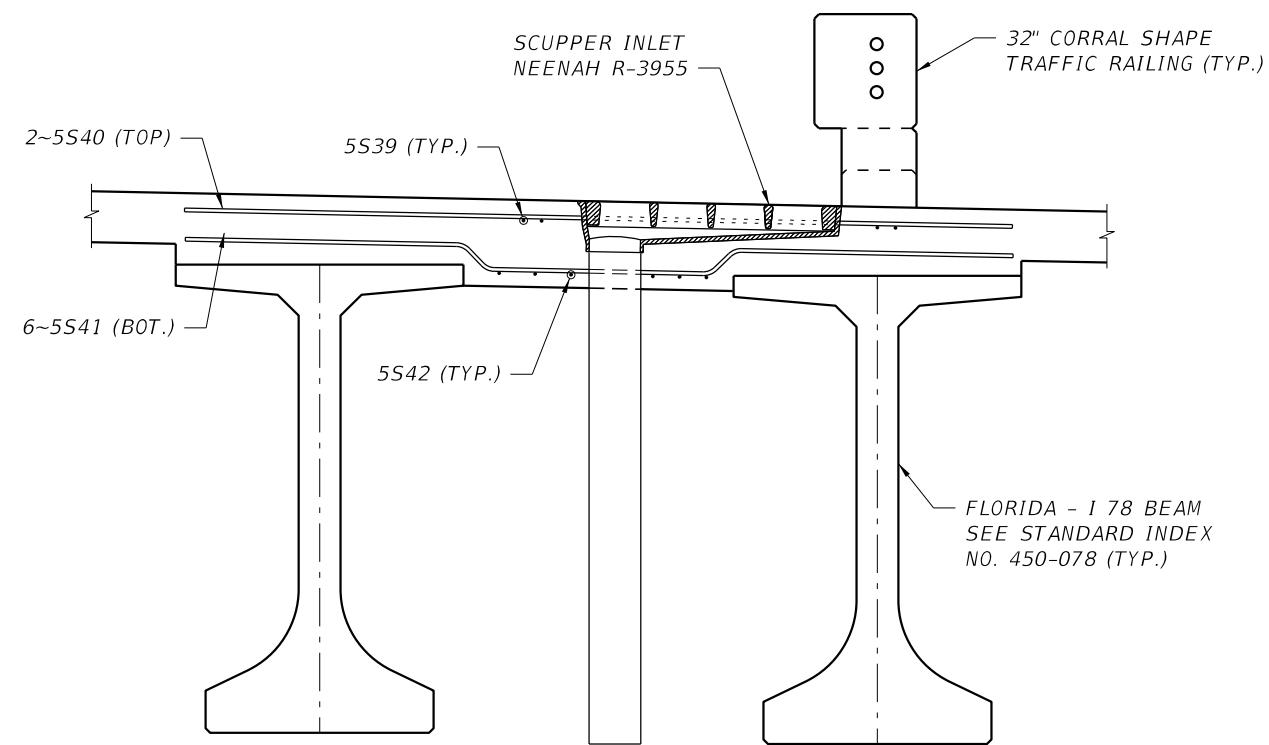
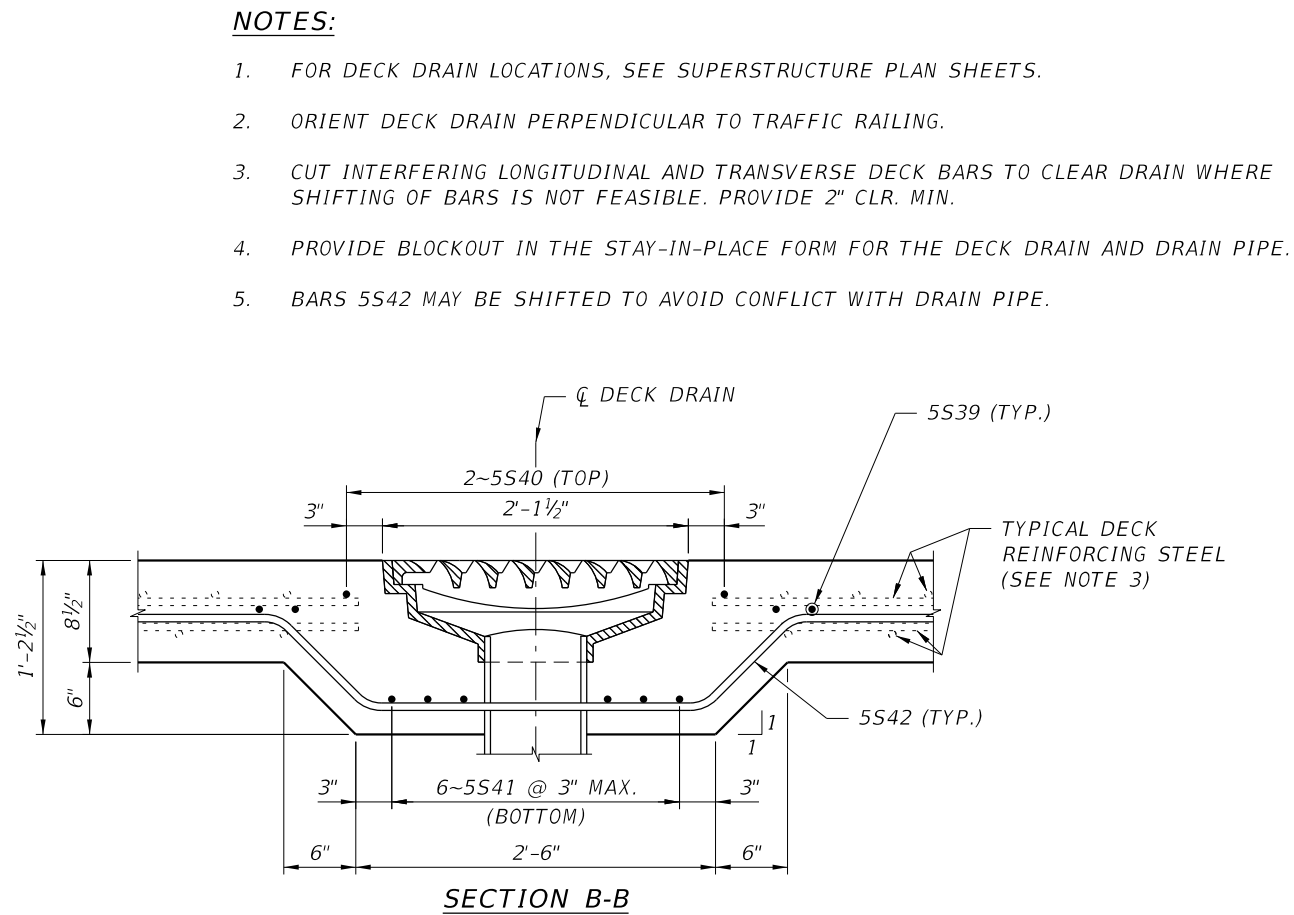
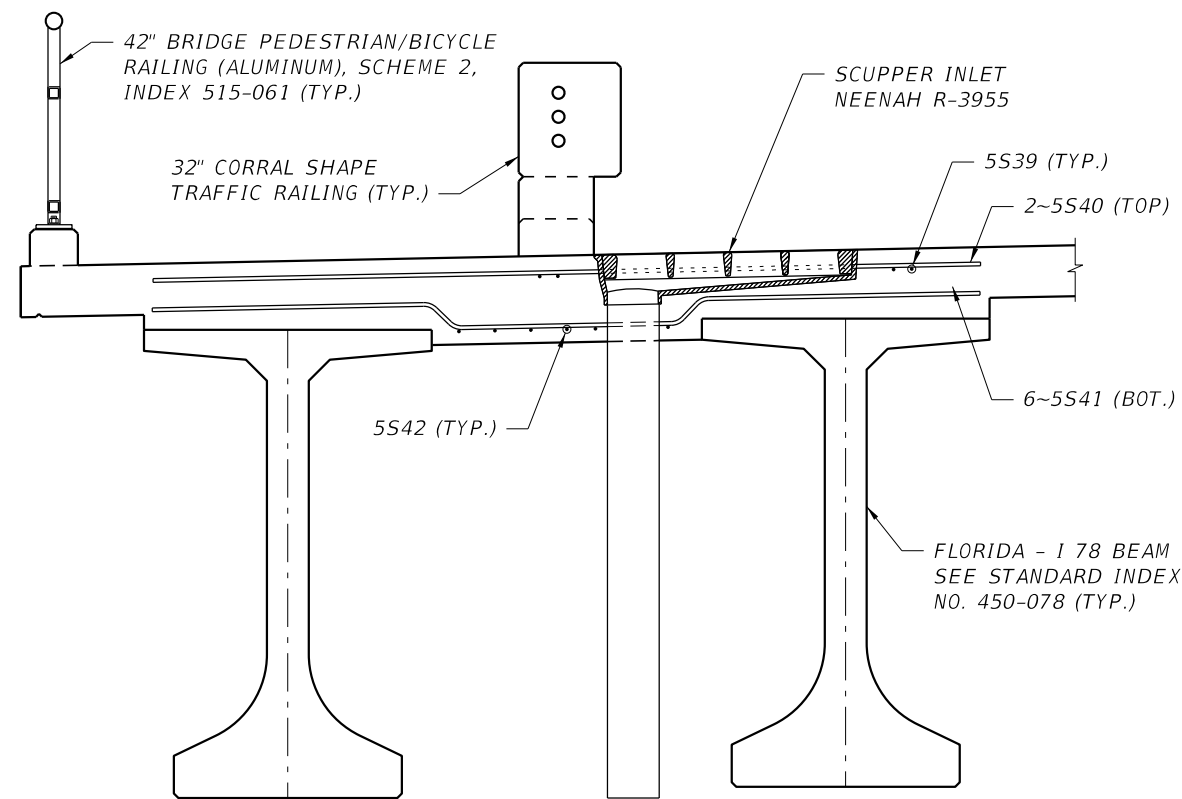
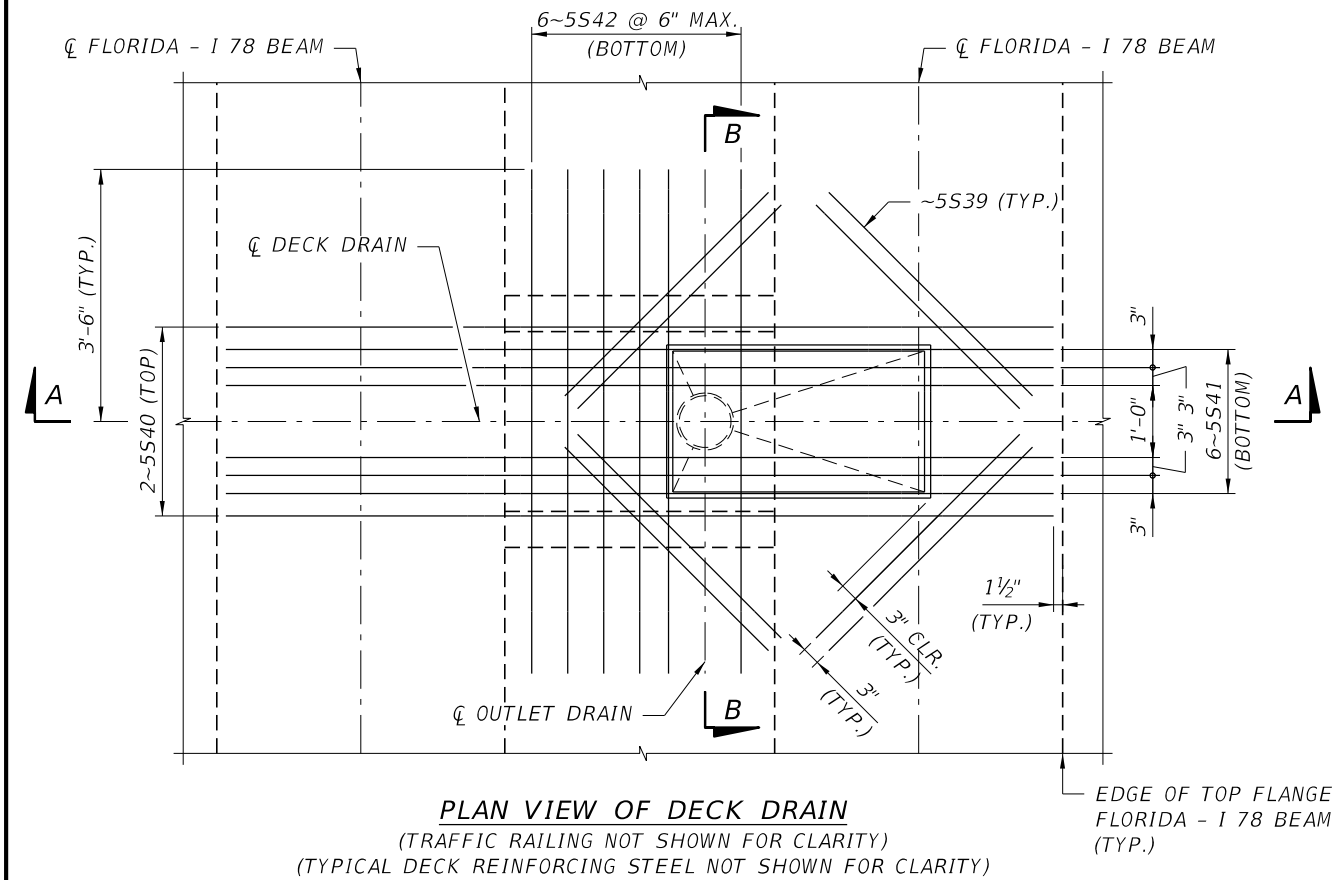
NOTES:

1. 3/4" OPEN JOINT REQUIRED. SEE INDEX 515-061 FOR CURB REINFORCING DETAILS.
2. FOR LOCATION OF OVERLOOKS, SEE PLAN AND ELEVATION SHEETS AND SUPERSTRUCTURE PLAN SHEETS.
3. BARS 4S38 MAY BE SHIFTED TO AVOID CONFLICT WITH TYPICAL DECK REINFORCING STEEL.
4. ALL REQUIRED REBAR LAP SPLICES SHALL BE A MINIMUM OF 1'-4" FOR No. 4 BARS.
5. SPACING TO 1/2" V-GROOVE IN CURB VARIES PER SPAN. SEE SUPERSTRUCTURE PLAN SHEETS.

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: DAA 4-21			LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: SUPERSTRUCTURE DETAILS (8 OF 9)		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: KL 04-21								
							DESIGNED BY: TGL 2-20						ROAD NO.	COUNTY	COUNTY PROJECT No
							CHECKED BY: ?? ? XX-XX			CR 865	LEE	CN160002			

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



BRIDGE NO. 124143

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Kisinger Campo & Associates Corp.
201 N. Franklin Street
Suite 400
Tampa, FL 33602
Alfredo Jose Layrisse, PE No. 75610

DRAWN BY: DAA 4-21	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION		
CHECKED BY: ??? XX-XX			
DESIGNED BY: ??? 4-21	ROAD NO.	COUNTY	COUNTY PROJECT No
CHECKED BY: ??? XX-XX	CR 865	LEE	CN160002

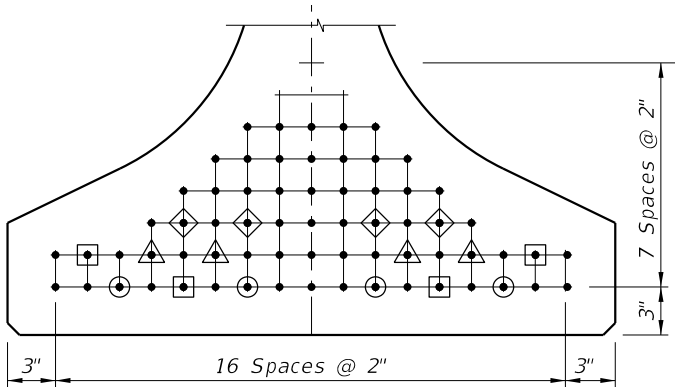
SHEET TITLE: SUPERSTRUCTURE DETAILS (9 OF 9)	REF. DWG. NO.
PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-107

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

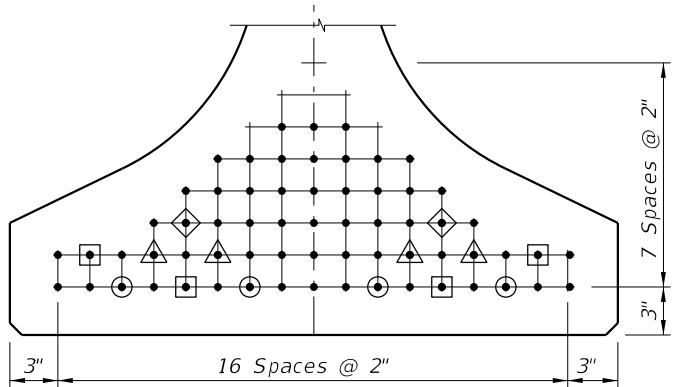
FLORIDA-I BEAM - TABLE OF BEAM VARIABLES

Table Date 01-01-16

LOCATION		BEAM TYPE	CONCRETE PROPERTIES				STND. PTRN. TYPE	END ELEV. COND.	PLAN VIEW CASE		BRG. PLATE MARK ***		END OF BEAM & BEARING DIMENSIONS **						BEAM DIMENSIONS *	REINFORCING STEEL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
SPAN NO.	BEAM NO.		CLASS	STRENGTHS (psi)		END 1			END 2	END 1	END 2	ANGLE Ø		DIM P	DIM J	DIM K1	DIM K2	3C1		3C2	3D1		3D2		3D3	4M1	4M2	4M3	5K	NO. OF SPACES BARS 5K				SP. BARS 5K *																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				28 Day	Release							END 1	END 2								END 1	END 2	DIM L	DIM R						A	B	A	B		NO.	D	D	NO.	NO.	S1	S2	S3	S4	V1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						



TYPE ① 66 STRANDS



TYPE ② 64 STRANDS

STRAND DESCRIPTION: Use 0.6" Diameter, Grade 270 Low-Relaxation Carbon Steel Strands stressed at 43.9 kips each. Area per strand equals 0.217 sq. in.

STRAND PATTERNS

NOTE: Work this sheet with Standard Plans
Index 450-010 and the applicable
"Florida-I Beam Standard Details" Index.

DIMENSION NOTES

* All longitudinal beam dimensions shown on this
sheet with a single asterisk (*) are measured
along the centerline of beam. Dimension "R" is
calculated at mid-height of the beam.

** End beam bearing dimensions "J" and "K" are
measured perpendicular to \perp Bearing along the
bottom of the beam.

BEARING PLATES

*** See the Bearing Plate Data Table for details.

NOTE: On beams with skewed ends, the
debonded length shall be measured
along the shielded strand.

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: DAA 12-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: KL 04-21				BEAM DATA TABLE (1 OF 4)		
							DESIGNED BY: DAA 11-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.	
							CHECKED BY: SKB 12-19	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B1-108	

FLORIDA-I BEAM - TABLE OF BEAM VARIABLES																															Table Date 01-01-16																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
LOCATION		BEAM TYPE	CONCRETE PROPERTIES				STND. PTRN. TYPE	END ELEV. COND.	PLAN VIEW CASE		BRG. PLATE MARK ***		END OF BEAM & BEARING DIMENSIONS **						BEAM DIMENSIONS *		REINFORCING STEEL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
SPAN NO.	BEAM NO.		CLASS	STRENGTHS (psi)		END 1			END 2	END 1	END 2	ANGLE Ø		DIM P	DIM J	DIM K1	DIM K2	3C1			3C2	3D1		3D2		3D3	4M1	4M2	4M3	5K	NO. OF SPACES BARS 5K				SP. BARS 5K *																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
				28 Day	Release							END 1	END 2									END 1	END 2	END 1	END 2						A	B	A	B		NO.	D	D	NO.	NO.	S1	S2	S3	S4	V1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

NOTE: Work this sheet with Standard Plans
Index 450-010 and the applicable
"Florida-I Beam Standard Details" Index.

DIMENSION NOTES

* All longitudinal beam dimensions shown on this sheet with a single asterisk (*) are measured along the centerline of beam. Dimension "R" is calculated at mid-height of the beam.

** End beam bearing dimensions "J" and "K" are measured perpendicular to \perp Bearing along the bottom of the beam.

BEARING PLATES

*** See the Bearing Plate Data Table for details.

BRIDGE NO. 124143

REVISIONS						<i>Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610</i>	DRAWN BY: DAA 12-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: <i>BEAM DATA TABLE (2 OF 4)</i>		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: KL 04-21						PROJECT NAME:
							DESIGNED BY: DAA 11-19	ROAD NO.	COUNTY	COUNTY PROJECT No			
							CHECKED BY: SKB 12-19	CR 865	LEE	CN160002	<i>ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS</i>		<i>B1-109</i>

FLORIDA-I BEAM - TABLE OF BEAM VARIABLES																														Table Date 01-01-16							
LOCATION		BEAM TYPE	CONCRETE PROPERTIES				STND. PTRN. TYPE	END ELEV. COND.	PLAN VIEW CASE		BRG. PLATE MARK ***		END OF BEAM & BEARING DIMENSIONS **						BEAM DIMENSIONS *		REINFORCING STEEL																
SPAN NO.	BEAM NO.		CLASS	STRENGTHS (psi)		END 1			END 2	END 1	END 2	ANGLE Ø		DIM P	DIM J	DIM K1	DIM K2	3C1			3C2	3D1		3D2		3D3	4M1	4M2	4M3	5K	NO. OF SPACES BARS 5K				SP. BARS 5K *		
				28 Day	Release							END 1	END 2					END 1	END 2	END 1	END 2	END 1	END 2	DIM L	DIM R	C	C	A	B	A	B	NO.	D	D	NO.	NO.	S1
8	8-1	78	VI	8500	6800	2	3	1	1	8-1	8-2	90°	90°	-	9"	1'-0"	1'-0"	160'-8"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	188	3'-8"	3'-8"	142	246	28	28	27	6	6"		
8	8-2	78	VI	8500	6800	2	3	1	1	8-1	8-2	90°	90°	-	9"	1'-0"	1'-0"	160'-8"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	188	3'-8"	3'-8"	142	246	28	28	27	6	6"		
8	8-3	78	VI	8500	6800	2	3	1	1	8-1	8-2	90°	90°	-	9"	1'-0"	1'-0"	160'-8"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	188	3'-8"	3'-8"	142	246	28	28	27	6	6"		
8	8-4	78	VI	8500	6800	2	3	1	1	8-1	8-2	90°	90°	-	9"	1'-0"	1'-0"	160'-8"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	188	3'-8"	3'-8"	142	246	28	28	27	6	6"		
8	8-5	78	VI	8500	6800	2	3	1	1	8-1	8-2	90°	90°	-	9"	1'-0"	1'-0"	160'-8"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	188	3'-8"	3'-8"	142	246	28	28	27	6	6"		
8	8-6	78	VI	8500	6800	2	3	1	1	8-1	8-2	90°	90°	-	9"	1'-0"	1'-0"	160'-8"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	188	3'-8"	3'-8"	142	246	28	28	27	6	6"		
8	8-7	78	VI	8500	6800	2	3	1	1	8-1	8-2	90°	90°	-	9"	1'-0"	1'-0"	160'-8"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	188	3'-8"	3'-8"	142	246	28	28	27	6	6"		
8	8-8	78	VI	8500	6800	2	3	1	1	8-1	8-2	90°	90°	-	9"	1'-0"	1'-0"	160'-8"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	188	3'-8"	3'-8"	142	246	28	28	27	6	6"		
9	9-1	78	VI	8500	6800	2	3	1	1	9-1	9-2	90°	90°	2⅜"	9"	1'-0"	1'-0"	160'-4⅜"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	188	3'-8"	3'-8"	142	246	28	28	27	6	6"		
9	9-2	78	VI	8500	6800	2	3	1	1	9-1	9-2	90°	90°	2⅜"	9"	1'-0"	1'-0"	160'-5⅞"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	188	3'-8"	3'-8"	142	246	28	28	27	6	6"		
9	9-3	78	VI	8500	6800	2	3	1	1	9-1	9-2	90°	90°	2⅜"	9"	1'-0"	1'-0"	160'-7¼"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	188	3'-8"	3'-8"	142	246	28	28	27	6	6"		
9	9-4	78	VI	8500	6800	2	3	1	1	9-1	9-2	90°	90°	2⅜"	9"	1'-0"	1'-0"	160'-8⅝"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	188	3'-8"	3'-8"	142	246	28	28	27	6	6"		
9	9-5	78	VI	8500	6800	2	3	1	1	9-1	9-2	90°	90°	2⅜"	9"	1'-0"	1'-0"	160'-9⅞"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	188	3'-8"	3'-8"	142	246	28	28	26	7	6"		
9	9-6	78	VI	8500	6800	2	3	1	1	9-1	9-2	90°	90°	2⅜"	9"	1'-0"	1'-0"	160'-11¼"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	190	3'-8"	3'-8"	143	246	28	28	26	7	6"		
9	9-7	78	VI	8500	6800	2	3	1	1	9-1	9-2	90°	90°	2⅜"	9"	1'-0"	1'-0"	161'-0½"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	190	3'-8"	3'-8"	143	246	28	28	26	7	6"		
9	9-8	78	VI	8500	6800	2	3	1	1	9-1	9-2	90°	90°	2⅜"	9"	1'-0"	1'-0"	161'-1⅞"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	190	3'-8"	3'-8"	143	246	28	28	26	7	6"		
10	10-1	78	VI	8500	6800	2	3	1	1	10-1	10-2	90°	90°	3⅞"	9"	1'-0"	1'-0"	159'-5⅞"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	188	3'-8"	3'-8"	141	246	28	28	27	6	6"		
10	10-2	78	VI	8500	6800	2	3	1	1	10-1	10-2	90°	90°	3⅞"	9"	1'-0"	1'-0"	159'-10¼"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	188	3'-8"	3'-8"	141	246	28	28	27	6	6"		
10	10-3	78	VI	8500	6800	2	3	1	1	10-1	10-2	90°	90°	3¾"	9"	1'-0"	1'-0"	160'-3½"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	188	3'-8"	3'-8"	142	246	28	28	27	6	6"		
10	10-4	78	VI	8500	6800	2	3	1	1	10-1	10-2	90°	90°	3¾"	9"	1'-0"	1'-0"	160'-8¾"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	188	3'-8"	3'-8"	142	246	28	28	26	7	6"		
10	10-5	78	VI	8500	6800	2	3	1	1	10-1	10-2	90°	90°	3¾"	9"	1'-0"	1'-0"	161'-2"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	190	3'-8"	3'-8"	143	246	28	28	26	7	6"		
10	10-6	78	VI	8500	6800	2	3	1	1	10-1	10-2	90°	90°	3¾"	9"	1'-0"	1'-0"	161'-7¼"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	190	3'-8"	3'-8"	143	246	28	28	26	7	6"		
10	10-7	78	VI	8500	6800	2	3	1	1	10-1	10-2	90°	90°	3¾"	9"	1'-0"	1'-0"	162'-0⅜"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	190	3'-8"	3'-8"	144	246	28	28	25	8	6"		
10	10-8	78	VI	8500	6800	2	3	1	1	10-1	10-2	90°	90°	3¾"	9"	1'-0"	1'-0"	162'-5⅝"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	192	3'-8"	3'-8"	144	246	28	28	25	8	6"		
11	11-1	78	VI	8500	6800	2	3	1	1	11-1	11-2	90°	90°	3⅞"	9"	1'-0"	1'-0"	159'-5¼"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	188	3'-8"	3'-8"	141	246	28	28	27	6	6"		
11	11-2	78	VI	8500	6800	2	3	1	1	11-1	11-2	90°	90°	3⅞"	9"	1'-0"	1'-0"	159'-10⅜"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	188	3'-8"	3'-8"	141	246	28	28	27	6	6"		
11	11-3	78	VI	8500	6800	2	3	1	1	11-1	11-2	90°	90°	3⅞"	9"	1'-0"	1'-0"	160'-3⅝"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	188	3'-8"	3'-8"	142	246	28	28	27	6	6"		
11	11-4	78	VI	8500	6800	2	3	1	1	11-1	11-2	90°	90°	3⅞"	9"	1'-0"	1'-0"	160'-8⅞"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	188	3'-8"	3'-8"	142	246	28	28	26	7	6"		
11	11-5	78	VI	8500	6800	2	3	1	1	11-1	11-2	90°	90°	3⅞"	9"	1'-0"	1'-0"	161'-2⅞"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	190	3'-8"	3'-8"	143	246	28	28	26	7	6"		
11	11-6	78	VI	8500	6800	2	3	1	1	11-1	11-2	90°	90°	3⅞"	9"	1'-0"	1'-0"	161'-7⅞"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	190	3'-8"	3'-8"	143	246	28	28	26	7	6"		
11	11-7	78	VI	8500	6800	2	3	1	1	11-1	11-2	90°	90°	3⅞"	9"	1'-0"	1'-0"	162'-0½"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	190	3'-8"	3'-8"	144	246	28	28	25	8	6"		
11	11-8	78	VI	8500	6800	2	3	1	1	11-1	11-2	90°	90°	3⅞"	9"	1'-0"	1'-0"	162'-5¾"	2"	1'-5½"	1'-5½"	8½"	1'-3"	8½"	1'-3"	192	3'-8"	3'-8"	144	246	28	28	25	8	6"		

NOTE: Work this sheet with Standard Plans
Index 450-010 and the applicable
"Florida-I Beam Standard Details" Index.


DIMENSION NOTES
* All longitudinal beam dimensions shown on this sheet with a single asterisk (*) are measured along the centerline of beam. Dimension "R" is calculated at mid-height of the beam.

** End beam bearing dimensions "J" and "K" are measured perpendicular to ⌒ Bearing along the bottom of the beam.

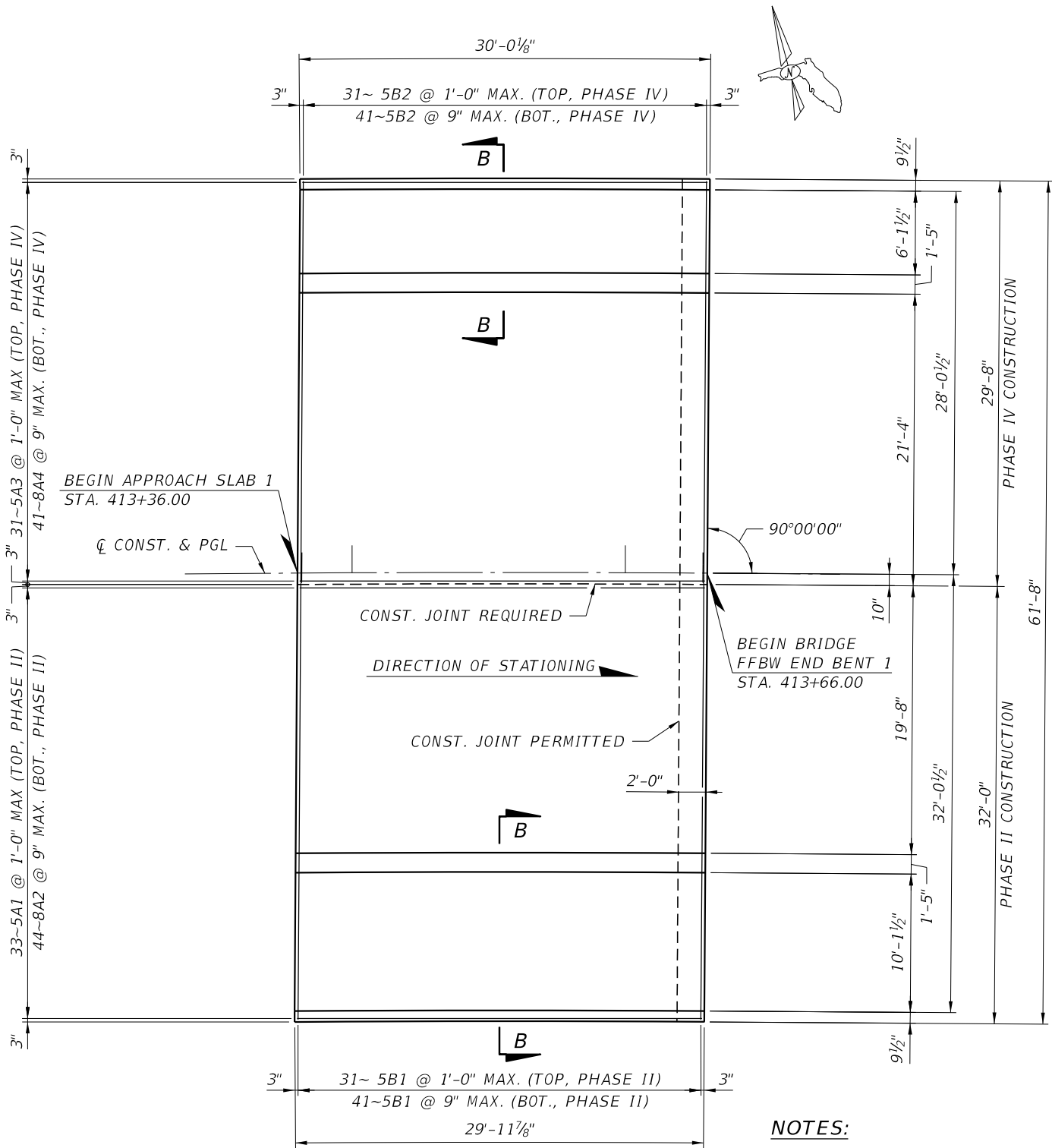
BEARING PLATES
*** See the Bearing Plate Data Table for details.

BRIDGE NO. 124143

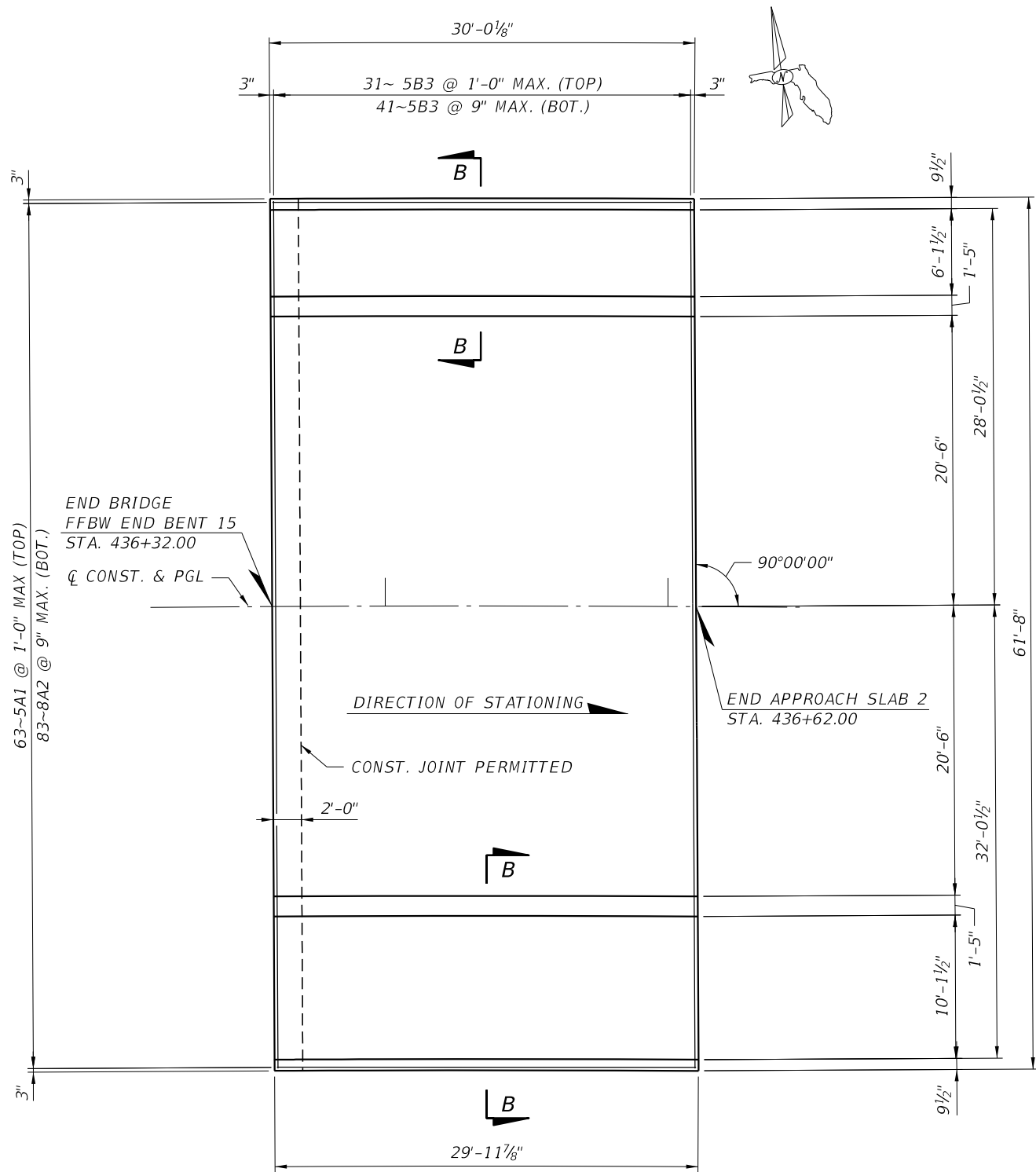
REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: DAA 12-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: KL 04-21				BEAM DATA TABLE (3 OF 4)		
								DESIGNED BY: DAA 11-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.
								CHECKED BY: SKB 12-19	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B1-110

FLORIDA-I BEAM - TABLE OF BEAM VARIABLES																															Table Date 01-01-16				
LOCATION		BEAM TYPE	CONCRETE PROPERTIES				STND. PTRN. TYPE	END ELEV. COND.	PLAN VIEW CASE		BRG. PLATE MARK ***		END OF BEAM & BEARING DIMENSIONS **						BEAM DIMENSIONS *		REINFORCING STEEL														
SPAN NO.	BEAM NO.		CLASS	STRENGTHS (psi)		END 1			END 2	END 1	END 2	ANGLE Ø		DIM P	DIM J	DIM K1	DIM K2	3C1			3C2	3D1		3D2		3D3	4M1	4M2	4M3	5K	NO. OF SPACES BARS 5K				SP. BARS 5K *
				28 Day	Release							END 1	END 2						DIM L	DIM R		C	C	A	B						A	B	NO.	D	
12	12-1	78	VI	8500	6800	2	3	1	1	12-1	12-2	90°	90°	3 7 / ₈ "	9"	1'-0"	1'-0"	161'-4 5 / ₈ "	2"	1'-5 1 / ₂ "	1'-5 1 / ₂ "	8 1 / ₂ "	1'-3"	8 1 / ₂ "	1'-3"	190	3'-8"	3'-8"	143	246	28	28	26	7	6"
12	12-2	78	VI	8500	6800	2	3	1	1	12-1	12-2	90°	90°	3 7 / ₈ "	9"	1'-0"	1'-0"	161'-2 3 / ₄ "	2"	1'-5 1 / ₂ "	1'-5 1 / ₂ "	8 1 / ₂ "	1'-3"	8 1 / ₂ "	1'-3"	190	3'-8"	3'-8"	143	246	28	28	26	7	6"
12	12-3	78	VI	8500	6800	2	3	1	1	12-1	12-2	90°	90°	3 7 / ₈ "	9"	1'-0"	1'-0"	161'-0 3 / ₄ "	2"	1'-5 1 / ₂ "	1'-5 1 / ₂ "	8 1 / ₂ "	1'-3"	8 1 / ₂ "	1'-3"	190	3'-8"	3'-8"	143	246	28	28	26	7	6"
12	12-4	78	VI	8500	6800	2	3	1	1	12-1	12-2	90°	90°	3 7 / ₈ "	9"	1'-0"	1'-0"	160'-10 3 / ₄ "	2"	1'-5 1 / ₂ "	1'-5 1 / ₂ "	8 1 / ₂ "	1'-3"	8 1 / ₂ "	1'-3"	190	3'-8"	3'-8"	142	246	28	28	26	7	6"
12	12-5	78	VI	8500	6800	2	3	1	1	12-1	12-2	90°	90°	3 7 / ₈ "	9"	1'-0"	1'-0"	160'-8 3 / ₄ "	2"	1'-5 1 / ₂ "	1'-5 1 / ₂ "	8 1 / ₂ "	1'-3"	8 1 / ₂ "	1'-3"	188	3'-8"	3'-8"	142	246	28	28	27	6	6"
12	12-6	78	VI	8500	6800	2	3	1	1	12-1	12-2	90°	90°	3 7 / ₈ "	9"	1'-0"	1'-0"	160'-6 7 / ₈ "	2"	1'-5 1 / ₂ "	1'-5 1 / ₂ "	8 1 / ₂ "	1'-3"	8 1 / ₂ "	1'-3"	188	3'-8"	3'-8"	142	246	28	28	27	6	6"
12	12-7	78	VI	8500	6800	2	3	1	1	12-1	12-2	90°	90°	3 7 / ₈ "	9"	1'-0"	1'-0"	160'-4 7 / ₈ "	2"	1'-5 1 / ₂ "	1'-5 1 / ₂ "	8 1 / ₂ "	1'-3"	8 1 / ₂ "	1'-3"	188	3'-8"	3'-8"	142	246	28	28	27	6	6"
12	12-8	78	VI	8500	6800	2	3	1	1	12-1	12-2	90°	90°	3 7 / ₈ "	9"	1'-0"	1'-0"	160'-2 7 / ₈ "	2"	1'-5 1 / ₂ "	1'-5 1 / ₂ "	8 1 / ₂ "	1'-3"	8 1 / ₂ "	1'-3"	188	3'-8"	3'-8"	142	246	28	28	27	6	6"
13	13-1	78	VI	8500	6800	2	3	1	1	13-1	13-2	90°	90°	3 7 / ₈ "	9"	1'-0"	1'-0"	162'-3 1 / ₈ "	2"	1'-5 1 / ₂ "	1'-5 1 / ₂ "	8 1 / ₂ "	1'-3"	8 1 / ₂ "	1'-3"	190	3'-8"	3'-8"	144	246	28	28	25	8	6"
13	13-2	78	VI	8500	6800	2	3	1	1	13-1	13-2	90°	90°	3 7 / ₈ "	9"	1'-0"	1'-0"	161'-9 7 / ₈ "	2"	1'-5 1 / ₂ "	1'-5 1 / ₂ "	8 1 / ₂ "	1'-3"	8 1 / ₂ "	1'-3"	190	3'-8"	3'-8"	143	246	28	28	25	8	6"
13	13-3	78	VI	8500	6800	2	3	1	1	13-1	13-2	90°	90°	3 7 / ₈ "	9"	1'-0"	1'-0"	161'-4 5 / ₈ "	2"	1'-5 1 / ₂ "	1'-5 1 / ₂ "	8 1 / ₂ "	1'-3"	8 1 / ₂ "	1'-3"	190	3'-8"	3'-8"	143	246	28	28	26	7	6"
13	13-4	78	VI	8500	6800	2	3	1	1	13-1	13-2	90°	90°	3 7 / ₈ "	9"	1'-0"	1'-0"	160'-11 3 / ₈ "	2"	1'-5 1 / ₂ "	1'-5 1 / ₂ "	8 1 / ₂ "	1'-3"	8 1 / ₂ "	1'-3"	190	3'-8"	3'-8"	143	246	28	28	26	7	6"
13	13-5	78	VI	8500	6800	2	3	1	1	13-1	13-2	90°	90°	3 7 / ₈ "	9"	1'-0"	1'-0"	160'-6 1 / ₈ "	2"	1'-5 1 / ₂ "	1'-5 1 / ₂ "	8 1 / ₂ "	1'-3"	8 1 / ₂ "	1'-3"	188	3'-8"	3'-8"	142	246	28	28	27	6	6"
13	13-6	78	VI	8500	6800	2	3	1	1	13-1	13-2	90°	90°	3 7 / ₈ "	9"	1'-0"	1'-0"	160'-1"	2"	1'-5 1 / ₂ "	1'-5 1 / ₂ "	8 1 / ₂ "	1'-3"	8 1 / ₂ "	1'-3"	188	3'-8"	3'-8"	142	246	28	28	27	6	6"
13	13-7	78	VI	8500	6800	2	3	1	1	13-1	13-2	90°	90°	3 7 / ₈ "	9"	1'-0"	1'-0"	159'-7 3 / ₄ "	2"	1'-5 1 / ₂ "	1'-5 1 / ₂ "	8 1 / ₂ "	1'-3"	8 1 / ₂ "	1'-3"	188	3'-8"	3'-8"	141	246	28	28	28	5	6"
13	13-8	78	VI	8500	6800	2	3	1	1	13-1	13-2	90°	90°	4"	9"	1'-0"	1'-0"	159'-2 1 / ₂ "	2"	1'-5 1 / ₂ "	1'-5 1 / ₂ "	8 1 / ₂ "	1'-3"	8 1 / ₂ "	1'-3"	188	3'-8"	3'-8"	141	246	28	28	28	5	6"
14	14-1	78	VI	8500	6800	2	3	1	1	14-1	14-2	90°	90°	3 7 / ₈ "	9"	1'-0"	1'-1 1 / ₂ "	162'-1 5 / ₈ "	2"	1'-5 1 / ₂ "	1'-5 1 / ₂ "	8 1 / ₂ "	1'-3"	8 1 / ₂ "	1'-3"	190	3'-8"	3'-8"	144	246	28	28	25	8	6"
14	14-2	78	VI	8500	6800	2	3	1	1	14-1	14-2	90°	90°	3 7 / ₈ "	9"	1'-0"	1'-1 1 / ₂ "	161'-8 3 / ₈ "	2"	1'-5 1 / ₂ "	1'-5 1 / ₂ "	8 1 / ₂ "	1'-3"	8 1 / ₂ "	1'-3"	190	3'-8"	3'-8"	143	246	28	28	25	8	6"
14	14-3	78	VI	8500	6800	2	3	1	1	14-1	14-2	90°	90°	3 7 / ₈ "	9"	1'-0"	1'-1 1 / ₂ "	161'-3 1 / ₈ "	2"	1'-5 1 / ₂ "	1'-5 1 / ₂ "	8 1 / ₂ "	1'-3"	8 1 / ₂ "	1'-3"	190	3'-8"	3'-8"	143	246	28	28	26	7	6"
14	14-4	78	VI	8500	6800	2	3	1	1	14-1	14-2	90°	90°	3 7 / ₈ "	9"	1'-0"	1'-1 1 / ₂ "	160'-9 7 / ₈ "	2"	1'-5 1 / ₂ "	1'-5 1 / ₂ "	8 1 / ₂ "	1'-3"	8 1 / ₂ "	1'-3"	188	3'-8"	3'-8"	142	246	28	28	26	7	6"
14	14-5	78	VI	8500	6800	2	3	1	1	14-1	14-2	90°	90°	3 7 / ₈ "	9"	1'-0"	1'-1 1 / ₂ "	160'-4 5 / ₈ "	2"	1'-5 1 / ₂ "	1'-5 1 / ₂ "	8 1 / ₂ "	1'-3"	8 1 / ₂ "	1'-3"	188	3'-8"	3'-8"	142	246	28	28	27	6	6"
14	14-6	78	VI	8500	6800	2	3	1	1	14-1	14-2	90°	90°	3 7 / ₈ "	9"	1'-0"	1'-1 1 / ₂ "	159'-11 1 / ₂ "	2"	1'-5 1 / ₂ "	1'-5 1 / ₂ "	8 1 / ₂ "	1'-3"	8 1 / ₂ "	1'-3"	188	3'-8"	3'-8"	142	246	28	28	27	6	6"
14	14-7	78	VI	8500	6800	2	3	1	1	14-1	14-2	90°	90°	3 7 / ₈ "	9"	1'-0"	1'-1 1 / ₂ "	159'-6 1 / ₄ "	2"	1'-5 1 / ₂ "	1'-5 1 / ₂ "	8 1 / ₂ "	1'-3"	8 1 / ₂ "	1'-3"	188	3'-8"	3'-8"	141	246	28	28	28	5	6"
14	14-8	78	VI	8500	6800	2	3	1	1	14-1	14-2	90°	90°	4"	9"	1'-0"	1'-1 1 / ₂ "	159'-1"	2"	1'-5 1 / ₂ "	1'-5 1 / ₂ "	8 1 / ₂ "	1'-3"	8 1 / ₂ "	1'-3"	186	3'-8"	3'-8"	141	246	28	28	28	5	6"
<div>DIMENSION NOTES</div> <div>* All longitudinal beam dimensions shown on this sheet with a single asterisk (*) are measured along the centerline of beam. Dimension "R" is calculated at mid-height of the beam.</div> <div>** End beam bearing dimensions "J" and "K" are measured perpendicular to  Bearing along the bottom of the beam.</div> <div>BEARING PLATES</div> <div>*** See the Bearing Plate Data Table for details.</div>																																			
NOTE: Work this sheet with Standard Plans Index 450-010 and the applicable "Florida-I Beam Standard Details" Index.																																			
BRIDGE NO. 124143																																			
REVISIONS										Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610										DRAWN BY: DAA 12-19		LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: BEAM DATA TABLE (4 OF 4)								REF. DWG. NO.		
DATE	BY	DESCRIPTION					DATE	BY	DESCRIPTION											CHECKED BY: KL 04-21													SHEET NO.		
																				DESIGNED BY: DAA 11-19		PROJECT NAME:		B1 - 111											
																				CHECKED BY: SKB 12-19		CR 865		LEE		CN160002		ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS							

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APPROACH SLAB 1



APPROACH SLAB 2

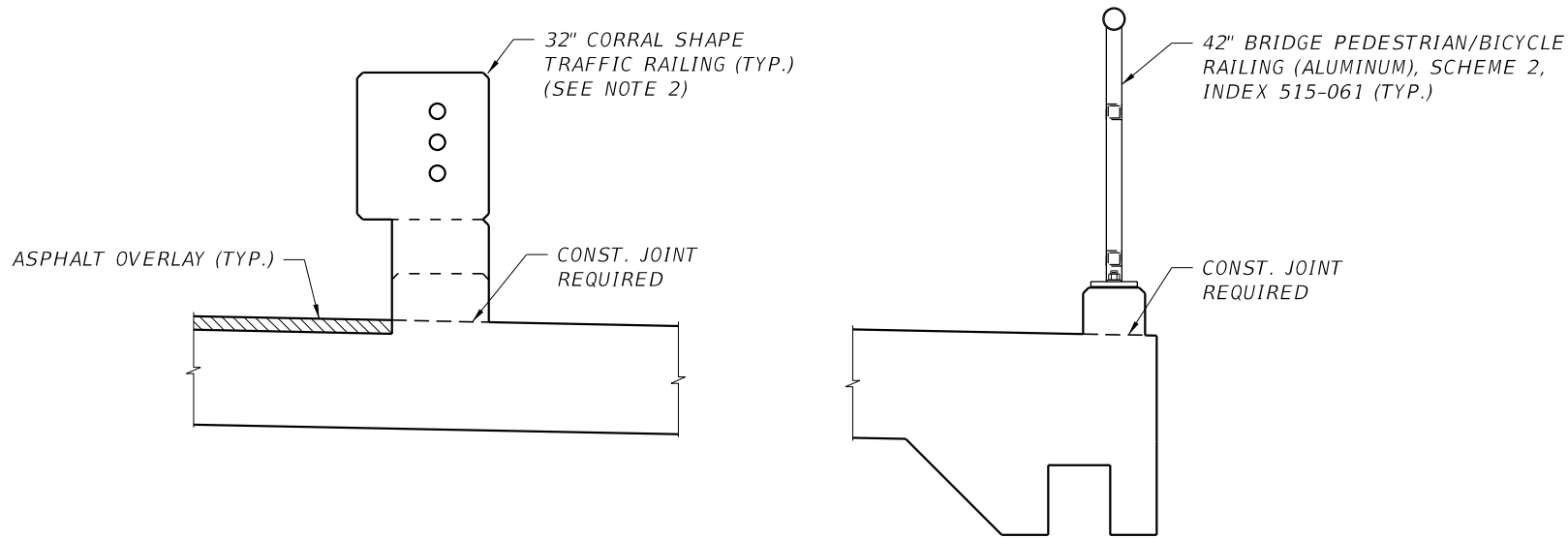
NOTES:

- WORK THIS SHEET WITH STANDARD INDEX 400-090 & 515-061.
- FOR TRAFFIC RAILING DETAILS, SEE 32" CORRAL BARRIER DETAILS SHEETS B1-### THRU B1-###.
- FOR SECTION B-B, TABLE OF SLAB DIMENSIONS, AND ADDITIONAL DETAILS, SEE SHEET 2 OF 2.
- FOR REINFORCING BAR LIST, SEE SHEET B1-###.
- FOR QUANTITIES, SEE SHEET B1-###.

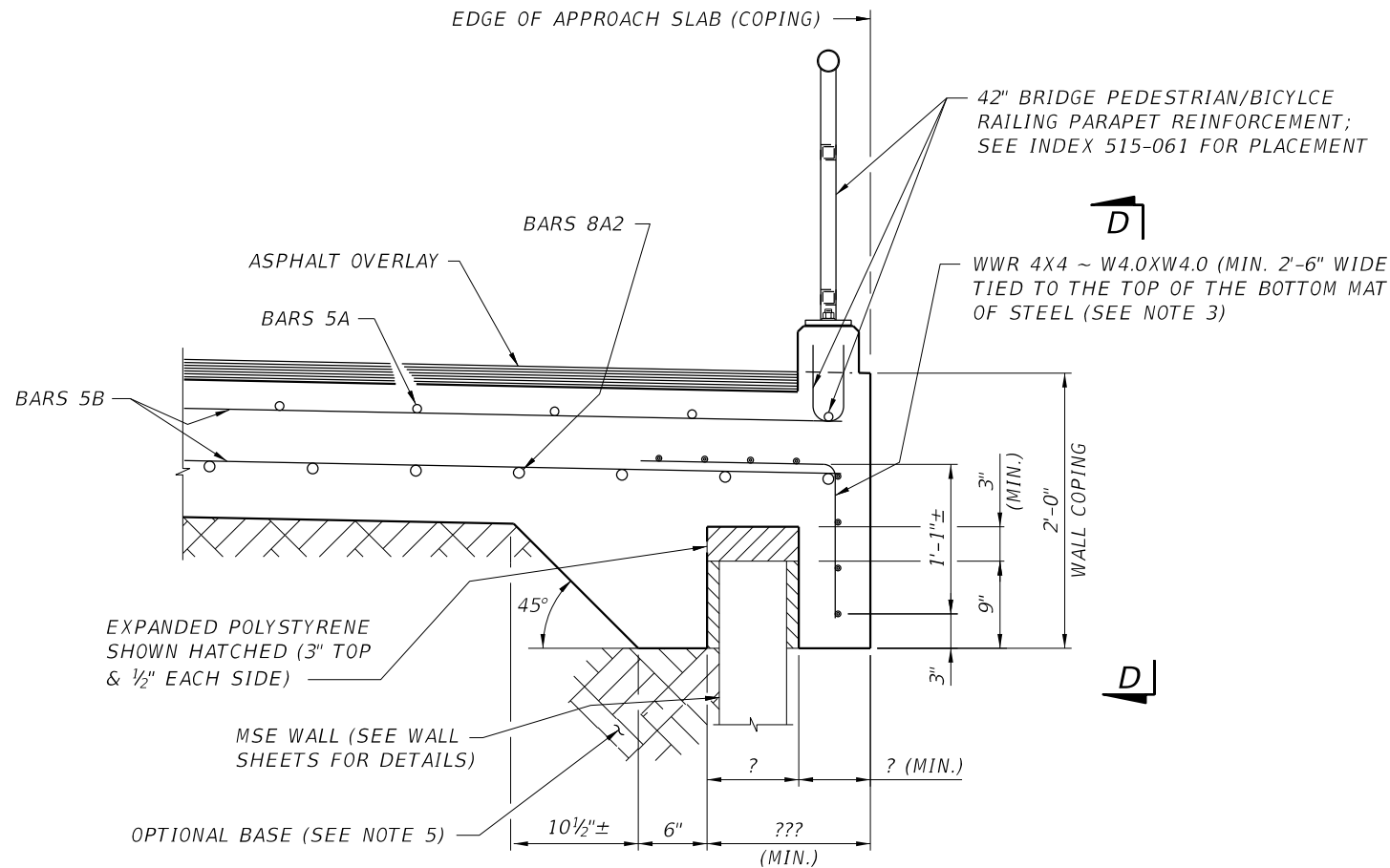
BRIDGE NO. 124143

REVISIONS						<i>Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610</i>	DRAWN BY: DAA 04-21	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: <i>APPROACH SLABS (1 OF 2)</i>		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: KL 04-21						
							DESIGNED BY: DAA 04-21	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME: <i>ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS</i>		SHEET NO.
							CHECKED BY: ?? 04-21	CR 865	LEE	CN160002			<i>B1-112</i>

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SECTION B-B
APPROACH SLAB WITH SIDEWALK



SECTION THRU APPROACH SLAB
AND RETAINING WALL

NOTES:

1. SURFACE TREATMENT: AS AN OPTION TO CLASS 4 FLOOR FINISH (BRIDGE FLOOR GROOVING) PER SECTION 400 A HAND TINED OR HEAVY BROOMED FINISH MAY BE PERMITTED ON THE CONCRETE PORTION OF THE RIDING SURFACE. THE TOP SURFACE OF THE CONCRETE BENEATH THE ASPHALT OVERLAY SHALL BE RAKED.
2. FOR TRAFFIC RAILING AND CONDUIT DETAILS, SEE 32" CORRAL BARRIER DETAILS SHEETS.
3. DEFORMED WWR MUST MEET THE REQUIREMENTS OF SPECIFICATION SECTION 931.
4. CONTINUE THE ASPHALT PAVEMENT OVER THE APPROACH SLAB AND MATCH THE FRICTION COURSE TYPE USED ON THE ROADWAY.
5. PAYMENT: DEFORMED WWR FOR THE EDGE OF APPROACH SLABS ON MSE WALLS IS NOT INCLUDED IN THE ESTIMATED QUANTITY FOR REINFORCING STEEL AND IS CONSIDERED INCIDENTAL TO THE WORK. SEE ROADWAY PLANS FOR ASPHALT OVERLAY AND OPTIONAL BASE DETAILS AND QUANTITIES.
6. FOR LONGITUDINAL CONSTRUCTION JOINT DETAIL AND SECTION D-D, SEE INDEX 400-090 SHEET 2 OF 2.

APPROACH SLAB TABLE OF DIMENSIONS						Table Date 11-01-16
LOCATION	DIMENSIONS					ANGLE Ø
	L1	L2	M1	M2	N	
APPROACH SLAB 1	30'-0 1/8"	29'-11 7/8"	9 1/2"	9 1/2"	60'-1"	00°00'00"
APPROACH SLAB 2	30'-0 1/8"	29'-11 7/8"	9 1/2"	9 1/2"	60'-1"	00°00'00"
Dimension Notes: Dimensions L1 & L2 are measured along gutter line, inside face of parapet or inside face of railing on sidewalks. Dimensions L1 & L2 are arc dimensions within curved alignments.						
Work this Data Table with Standard Plans Index 400-091.						

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: DAA 04-21 CHECKED BY: KL 04-21 DESIGNED BY: DAA 04-21 CHECKED BY: ?? 04-21			LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: APPROACH SLABS (2 OF 2)		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		SHEET NO. B1-113		

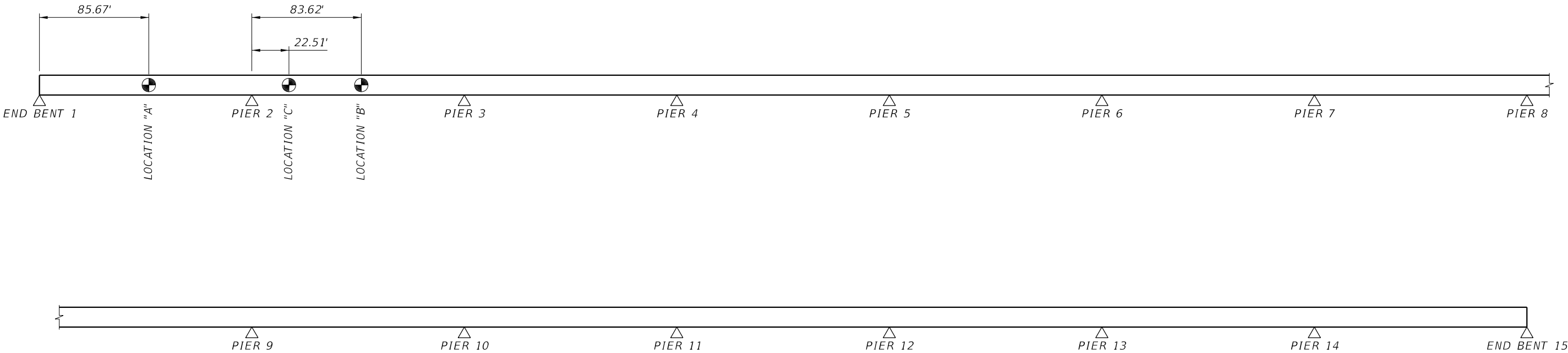
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Load Rating Summary Details for Prestressed Concrete Bridges (Flat Slab and Deck/Girder)																	Table Date 07-01-15
Table 2 - LRFR																	
Level	Limit State	Vehicle	Weight (tons)	Load Factors			Moment (Strength) or Stress (Service)					Shear (Strength)					Comments:
				LL	DC	DW	Distribution Factor (DF)	Rating Factor	Tons	Location	Dimension	Distribution Factor (DF)	Rating Factor	Tons	Location	Dimension	
Design Load Rating	Strength I (Inv)	HL-93	N/A	1.75	1.25	1.50	0.86	1.41	N/A	A	85.67	0.96	1.87	N/A	C	22.51	BEAM 1-9 (M) & BEAM 2-8 (S)
	Strength I (Op)	HL-93	N/A	1.35	1.25	1.50	0.86	1.83	N/A	A	85.67	0.96	2.43	N/A	C	22.51	BEAM 1-9 (M) & BEAM 2-8 (S)
	Service III (Inv)	HL-93	N/A	0.80	1.00	1.00	0.86	1.16	N/A	A	85.67	N/A	N/A	N/A	N/A	N/A	BEAM 1-9 (M)
Permit Load Rating	Strength II	FL120	60.0	1.35	1.25	1.50	0.86	1.77	107.47	B	83.62	0.96	2.24	134.22	C	22.51	BEAM 1-9 (M) & BEAM 2-8 (S)

GENERAL NOTES:
1. THIS TABLE IS BASED ON THE REQUIREMENTS ESTABLISHED IN THE JANUARY 2019 "STRUCTURES MANUAL".
2. RATING FACTORS CALCULATED USING "FDOT LRFD PRESTRESSED BEAM PROGRAM V5.2."

TABLE 2 NOTES [NOTES DATE 07-01-15]:
1. PERMIT CAPACITY IS DETERMINED BY USING THE PERMIT VEHICLE IN ALL LANES.
2. SERVICE III DESIGN INVENTORY TENSILE STRESS LIMITS = $3\sqrt{f'_c}$.
3. HAS THE AASHTO LRFD SPECIFICATIONS ARTICLE 5.8.3.5 LONGITUDINAL REINFORCEMENT BEEN SATISFIED
☒ YES ☐ NO

ABBREVIATIONS:
INV - INVENTORY
OP - OPERATING



RATING LOCATIONS

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: DAA 12-19			LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: KL 04-21	LOAD RATING							
							DESIGNED BY: DAA 11-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.			
							CHECKED BY: SKB 12-19	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B1-114			

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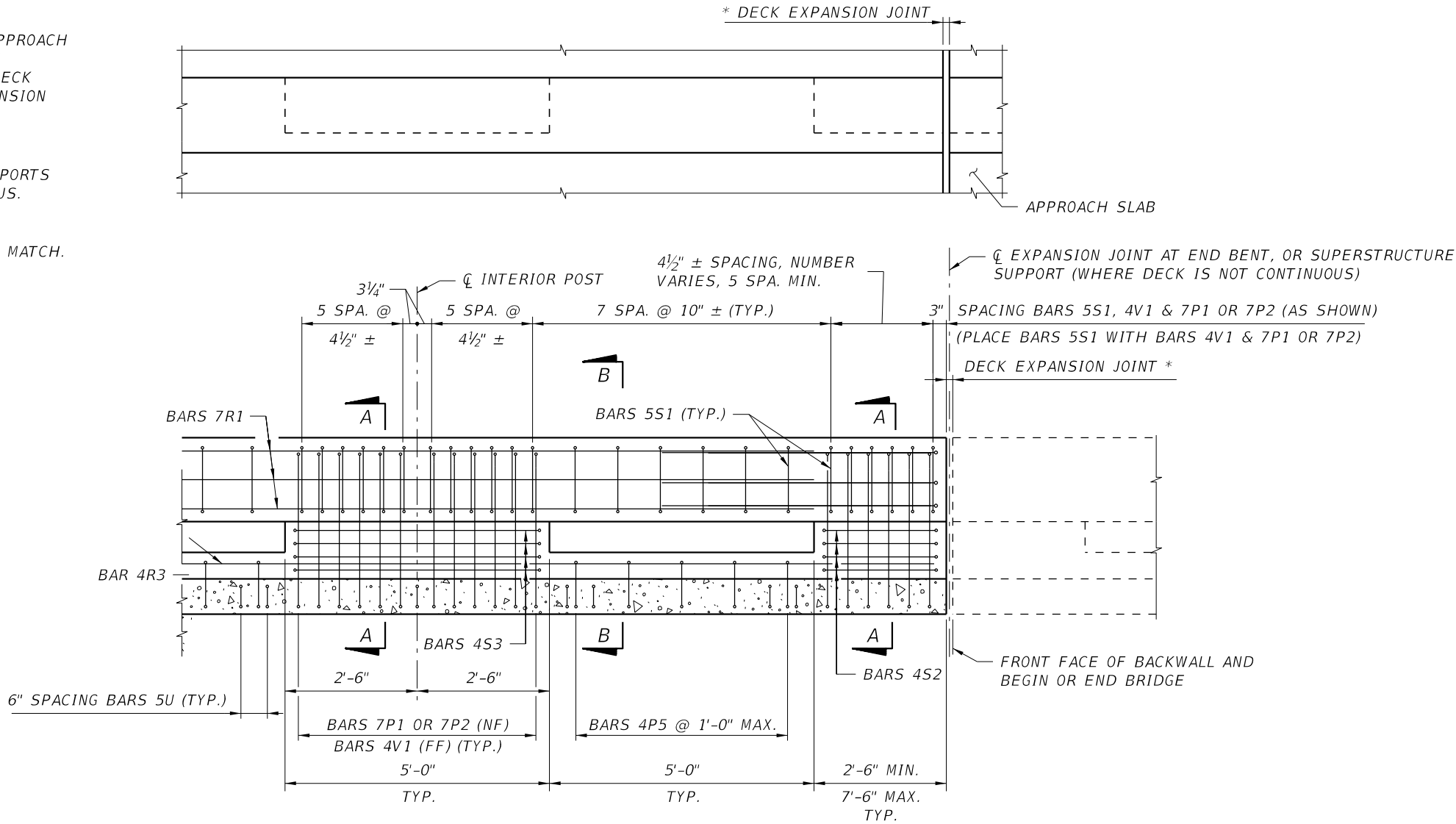
* SEE STRUCTURES PLANS SUPERSTRUCTURE AND APPROACH SLAB SHEETS FOR ACTUAL DIMENSIONS AND JOINT ORIENTATION. PROVIDE OPEN RAILING JOINTS AT DECK EXPANSION JOINT LOCATIONS MATCHING THE DIMENSION OF THE DECK JOINT.

** 1/2" INTERMEDIATE OPEN JOINTS IN THE RAIL AND POST SHALL BE PROVIDED AT SUBSTRUCTURE SUPPORTS WHERE THE SUPERSTRUCTURE DECK IS CONTINUOUS.

- NOTES:
1. END POST DIMENSIONS FOR A GIVEN SPAN SHALL MATCH.
 2. (NF) MEANS NEAR FACE, (FF) MEANS FAR FACE.

CROSS REFERENCES:
FOR SECTIONS SEE SHEET B1-117.
FOR DETAIL "A" SEE SHEET B1-117.
FOR QUANTITIES AND QUANTITY BREAKDOWN SEE SHEET B1-119.

BARRIER DELINEATOR SPACING	
DISTANCE - EDGE OF TRAVEL LANE TO FACE OF RAILING	SPACING (FT.)
< 4'	40'
4' TO 8'	80'
> THAN 8'	NONE REQUIRED



ELEVATION OF INSIDE FACE OF RAILING
(BRIDGE DECK SHOWN,
APPROACH SLAB WITHOUT GUARDRAIL OR ADJACENT TO ROADWAY BARRIER SIMILAR)

TRAFFIC RAILING NOTES

THIS RAILING HAS BEEN STRUCTURALLY EVALUATED TO BE EQUIVALENT OR GREATER IN STRENGTH TO OTHER RAILINGS WHICH HAVE BEEN CRASH TESTED TO NCHRP REPORT 350 TL-4 CRITERIA.

CONCRETE AND REINFORCING STEEL: SEE STRUCTURES PLANS GENERAL NOTES.
AGGREGATE LIMITATION: THE AGGREGATE USED IN THE CONCRETE MIX SHALL BE A #67 AGGREGATE.
GUARDRAIL: FOR GUARDRAIL CONNECTION DETAILS SEE INDEX NO. 400.
SUPERELEVATED BRIDGES: AT THE OPTION OF THE CONTRACTOR THE TRAFFIC RAILING ON SUPERELEVATED BRIDGES MAY BE CONSTRUCTED PERPENDICULAR TO THE ROADWAY SURFACE. THE COST OF ALL MODIFICATIONS WILL BE AT THE CONTRACTOR'S EXPENSE.

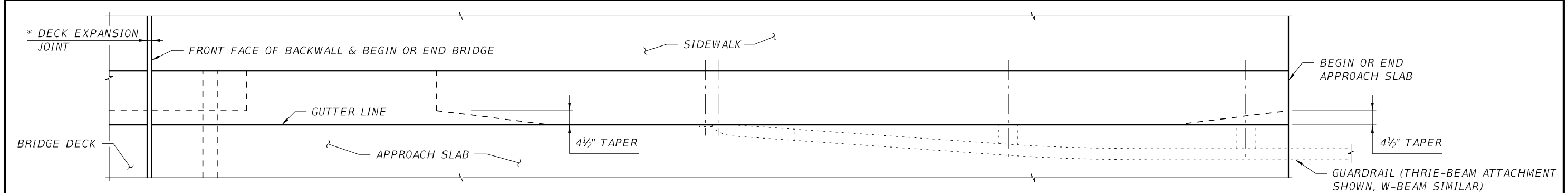
EMBEDDED CONDUIT: FOR EMBEDDED CONDUIT AND JUNCTION BOXES USE INDEX 630-010. ALL JUNCTION BOXES TO BE EJB "B" AND STAGGERED AS PER INDEX 630-010.

RETAINING WALL: IF THE TRAFFIC RAILING BARRIER IS TO BE PROVIDED ON A RETAINING WALL, THE RAILING SECTIONS WILL BE THE SAME AS ON SHEET 3. SEE RETAINING WALL PLANS FOR PAYMENT.
NAME, DATE AND BRIDGE NUMBER: THE NAME AND BRIDGE NUMBER SHALL BE PLACED ON THE TRAFFIC RAILING SO AS TO BE SEEN ON THE DRIVER'S RIGHT SIDE WHEN APPROACHING THE BRIDGE. THE NAME SHALL BE AS SHOWN IN THE GENERAL NOTES IN THE STRUCTURES PLANS. THE DATE SHALL BE PLACED ON THE DRIVER'S LEFT SIDE WHEN APPROACHING THE BRIDGE. THE DATE SHALL BE THE YEAR THE BRIDGE IS COMPLETED. FOR A WIDENING WHEN THE EXISTING RAILING IS REMOVED, USE BOTH THE EXISTING DATE AND THE YEAR OF THE WIDENING. BLACK PLASTIC LETTERS AND FIGURES 3" IN HEIGHT MAY BE USED, AS APPROVED BY THE ENGINEER, IN LIEU OF THE LETTERS AND FIGURES FORMED BY 3/8" V-GROOVES. V-GROOVES SHALL BE FORMED BY PREFORMED LETTERS AND FIGURES.
BARRIER DELINEATORS: BARRIER DELINEATORS SHALL MEET SPECIFICATION SECTION 993. INSTALL BARRIER DELINEATORS ON TOP OF THE TRAFFIC RAILING 2" FROM THE FACE ON THE TRAFFIC SIDE AT THE SPACING SHOWN IN THE TABLE ABOVE. BARRIER DELINEATOR COLOR (WHITE OR YELLOW) SHALL MATCH THE COLOR OF THE NEAR EDGELINE. THE COST OF THE BARRIER DELINEATORS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE TRAFFIC RAILING.

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY:	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: 32" CORRAL BARRIER DETAILS (SHEET 1 OF 5)		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY:						SHEET NO.
							DESIGNED BY:	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		B1-115
							CHECKED BY:	CR 865	LEE	CN160002			

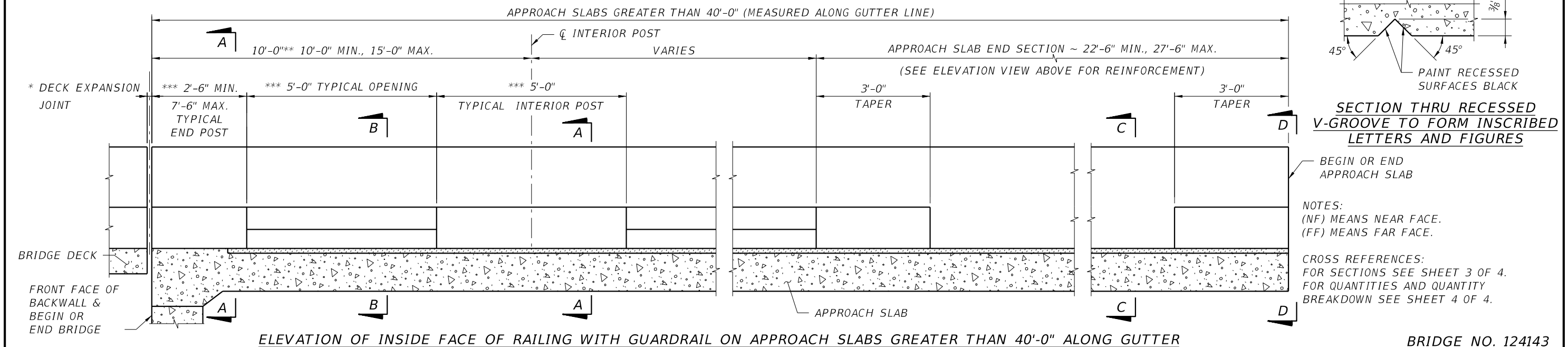
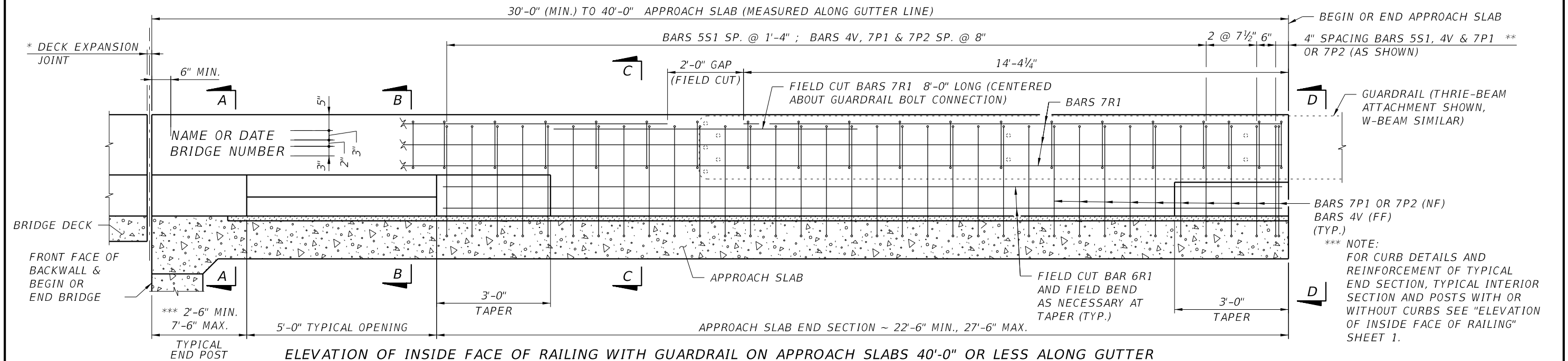
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PLAN

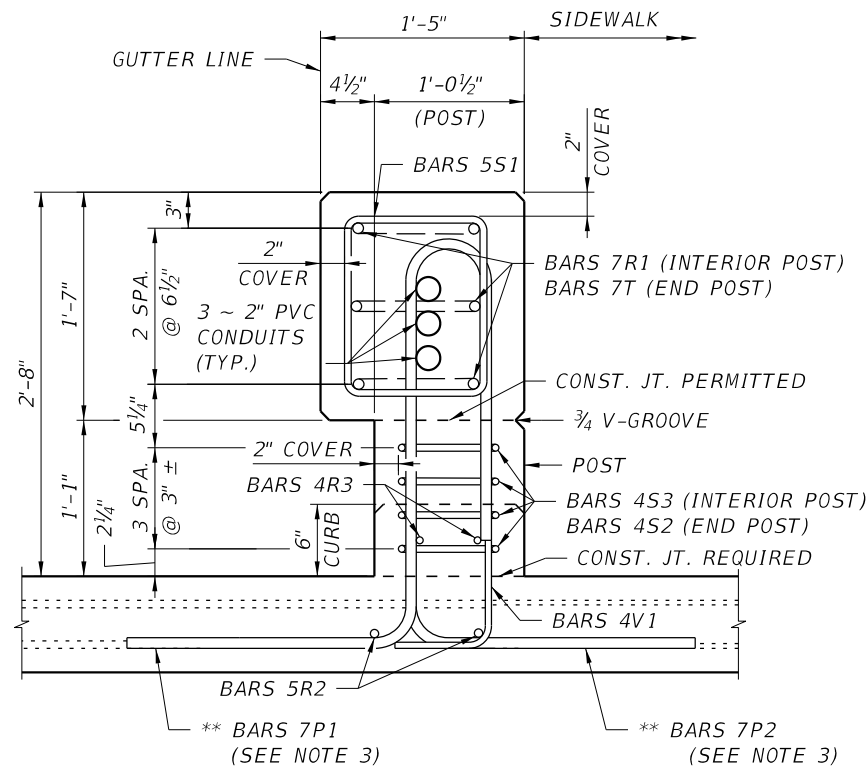
* SEE STRUCTURES PLANS, SUPERSTRUCTURE AND APPROACH SLAB SHEETS FOR ACTUAL DIMENSIONS AND JOINT ORIENTATION. OPEN RAILING JOINTS AT DECK EXPANSION JOINT LOCATIONS SHALL MATCH THE DIMENSION OF THE DECK JOINT.

** BEGIN PLACING RAILING BARS 7P1 OR 7P2 AND 4V ON APPROACH SLAB AT THE BARRIER END AND PROCEED TOWARD BEGIN OR END BRIDGE TO ENSURE PLACEMENT OF GUARDRAIL BOLT HOLES IF REQUIRED, ADJUSTMENTS TO THE BAR SPACING FOR BARS 7P1 OR 7P2 AND 4V SHALL BE MADE IMMEDIATELY ADJACENT TO BEGIN OR END BRIDGE.

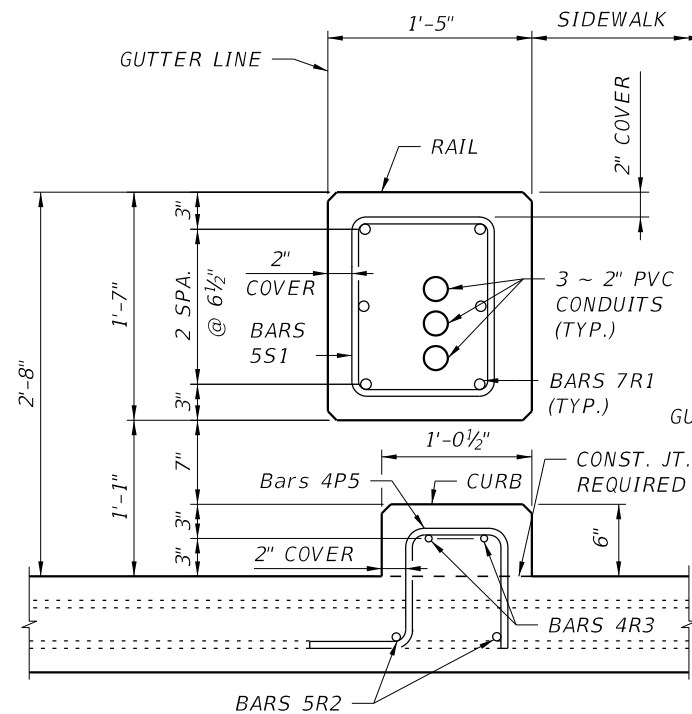


REVISIONS						<div>Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610</div>	DRAWN BY:	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY:				32" CORRAL BARRIER DETAILS (SHEET 2 OF 5)		
							DESIGNED BY:	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.	
							CHECKED BY:	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B1-116	

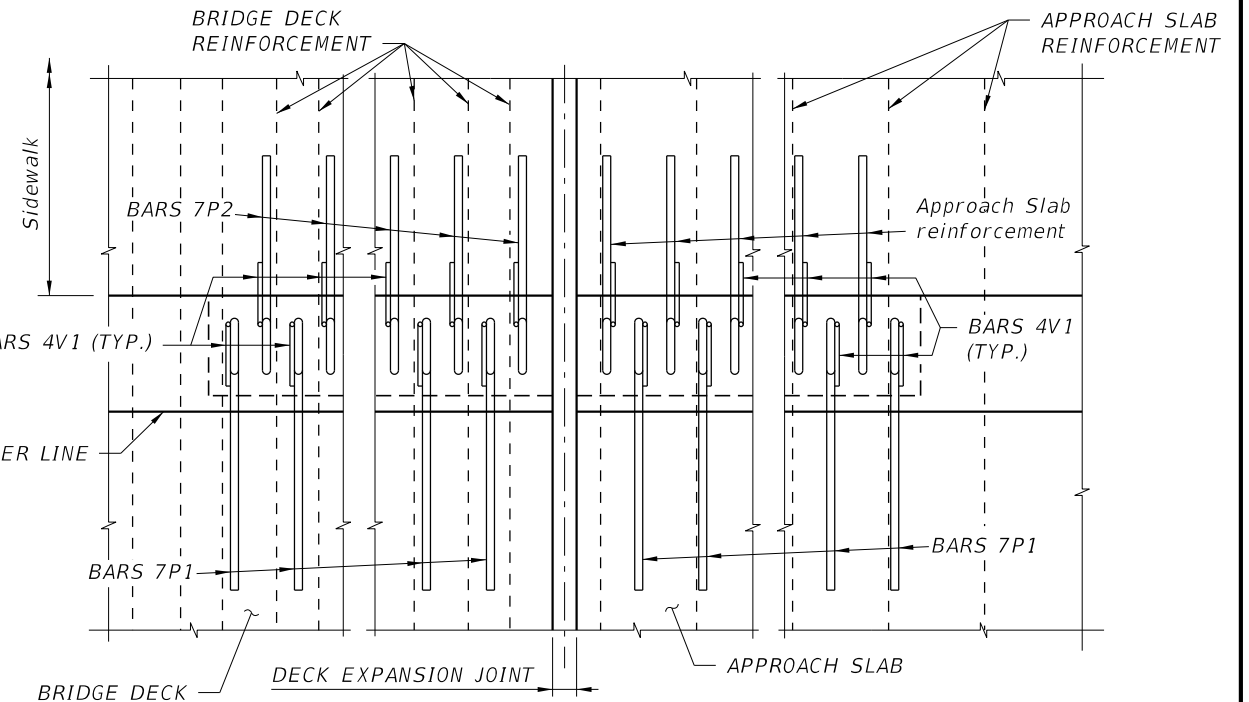
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SECTION A-A



SECTION B-B



PARTIAL PLAN VIEW OF BRIDGE DECK AND APPROACH SLAB WITH SIDEWALK
(BARS R, S AND T NOT SHOWN FOR CLARITY)

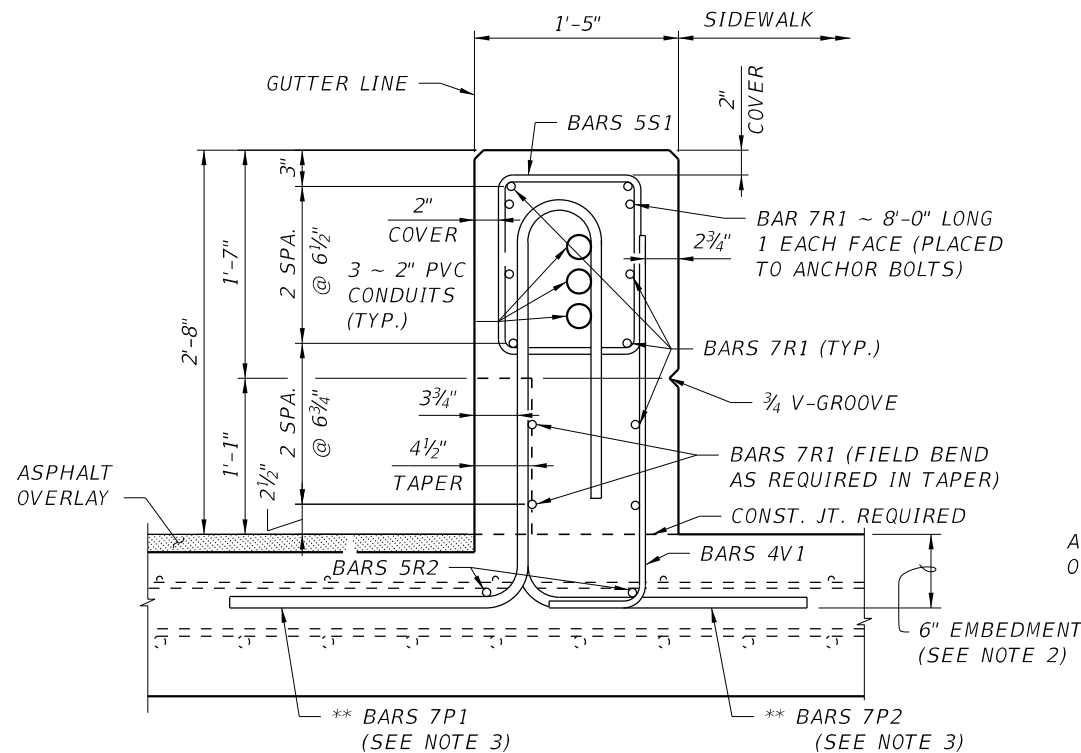
RAILING ADJACENT TO SIDEWALK NOTES:

- 1) END POST DETAILED ABOVE, INTERIOR POST AND APPROACH SLAB END SECTION SIMILAR.
- 2) FOR DECKS TO 8½" PLACE BARS 7P1 AND 7P2 AND 4V WITH THE BOTTOM MAT OF REINFORCEMENT AS SHOWN IN SECTION A-A. FOR DECKS AND SLABS THICKER THAN 8½" PLACE BARS 7P1 AND 7P2 AND 4V WITH 6" EMBEDMENT.
- 3) ALTERNATE BARS 7P1 AND 7P2 AT EACH POST. AT END POSTS 3 EACH (MIN.) REQUIRED, AT INTERMEDIATE POST 6 EACH REQUIRED.
- 4) REVERSE DIRECTION OF EVERY OTHER BAR 4V1 TO MATCH DIRECTION OF BARS 7P1 OR 7P2.
- 5) SHIFT DECK AND APPROACH SLAB TRANSVERSE REINFORCEMENT MINIMALLY TO ALLOW PLACEMENT OF BARS 7P & 4V.

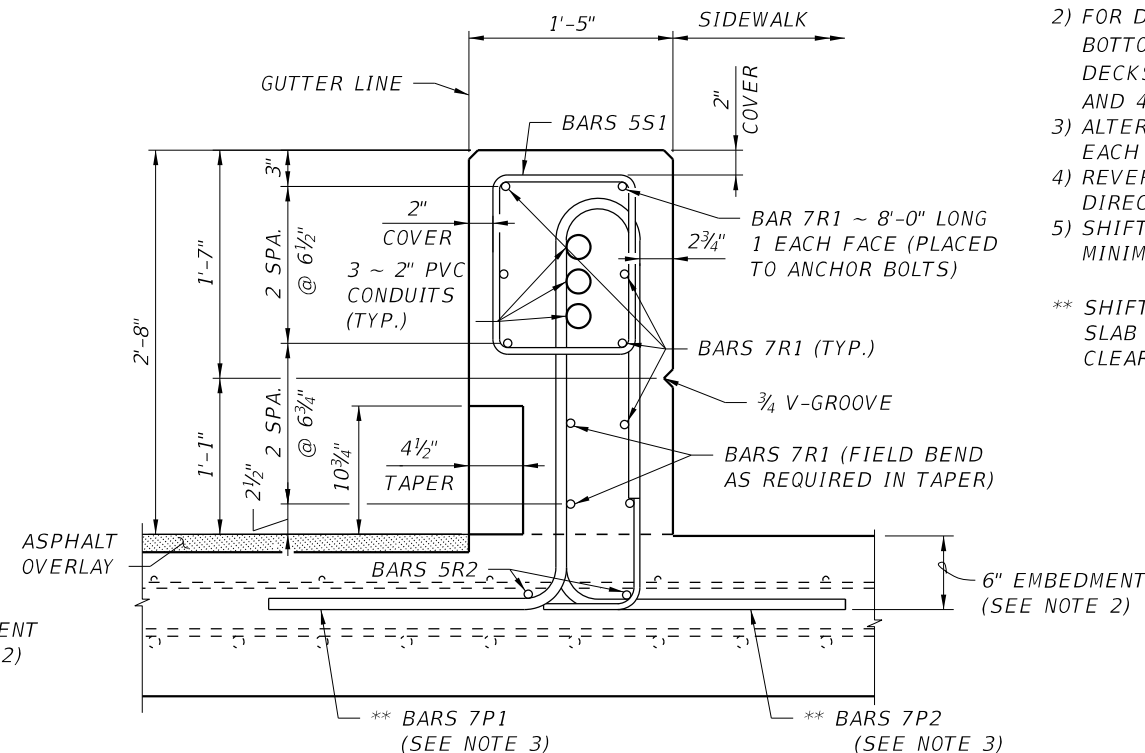
** SHIFT BARS 7P IN APPROACH SLAB 3'-0" TAPERS TO MAINTAIN CLEARANCE.

NOTE TO REVIEWER:
BARRIER INSERT DETAIL DUE TO TTC PLAN
WILL BE DETAILED ON THE NEXT SUBMITTAL

CROSS REFERENCES:
FOR LOCATIONS OF SECTIONS SEE SHEET B1-X
FOR QUANTITIES AND REBAR DETAILS SEE SHEET B1-X.



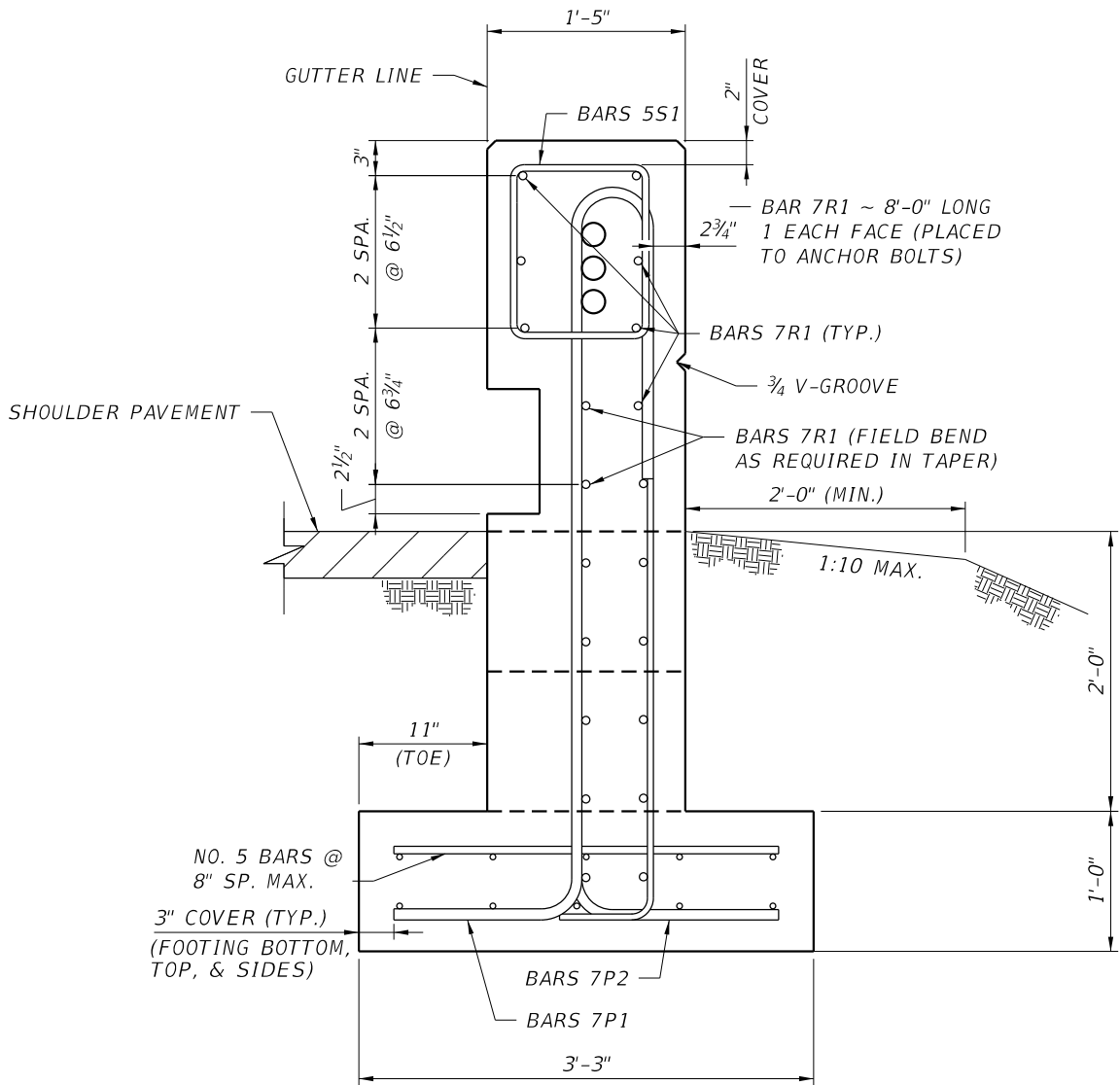
SECTION C-C



END VIEW D-D

BRIDGE NO. 124143

REVISIONS						<div>Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610</div>	DRAWN BY:	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.	
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY:				32" CORRAL BARRIER DETAILS (SHEET 3 OF 5)			
							DESIGNED BY:	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.		
							CHECKED BY:	CR 865	LEE	CN160002			ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B1-117



SHOULDER BARRIER REINFORCING DETAIL

BRIDGE NO. 124143

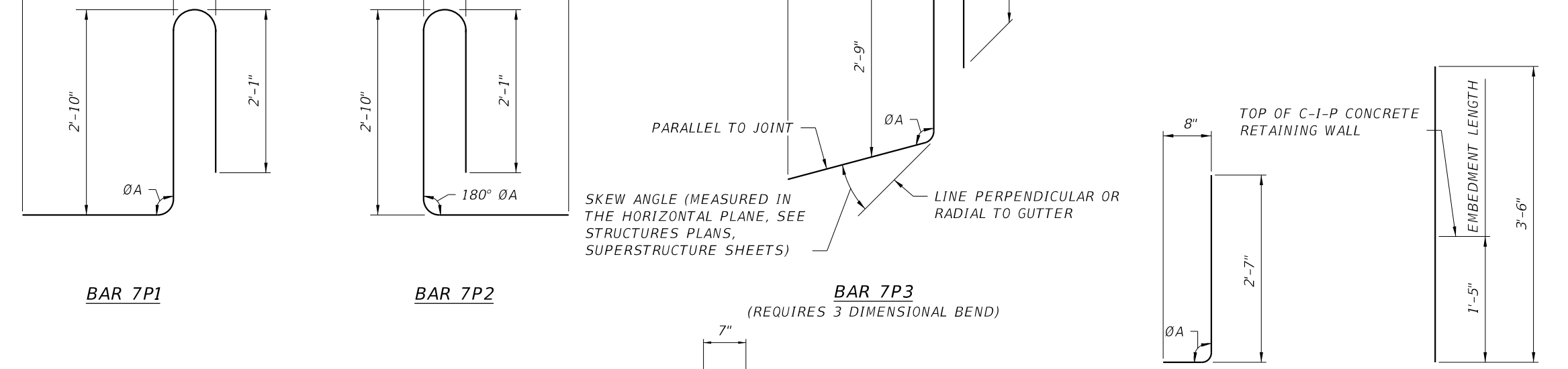
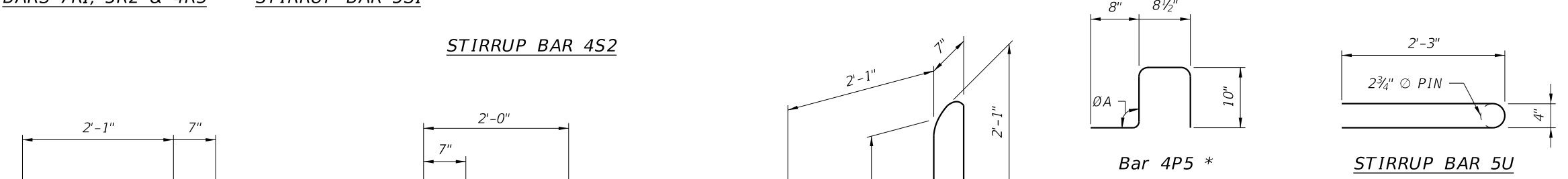
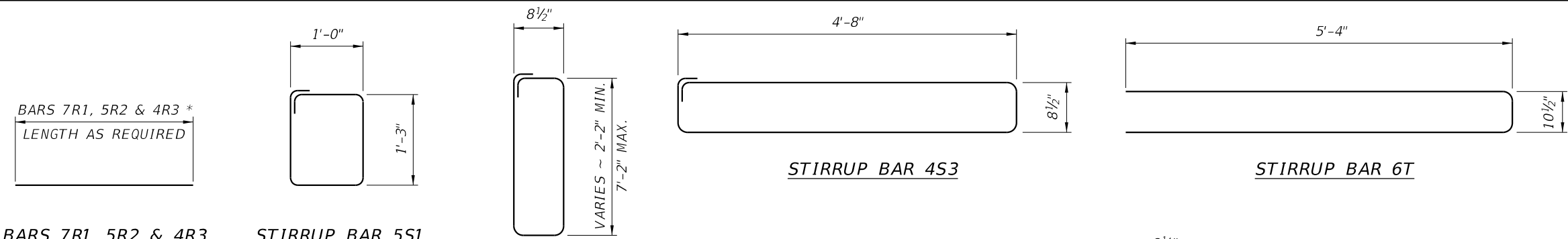
REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: JBH 05-21 CHECKED BY: AJL 05-21 DESIGNED BY: AJL 05-21 CHECKED BY: XXX XX-XX	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: 32" CORRAL BARRIER DETAILS (SHEET 4 OF 5)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN160002		
											PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B1-118

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

BILL OF REINFORCING STEEL			
MARK	SIZE	LENGTH	NO. BARS
P1	7	7'-4"	X
P2	7	7'-3"	X
P3	7	7'-2"	X
*** P4	7	7'-3"	X
* P5	4	2'-11"	X
R1	7	AS REQD.	X
R2	5	AS REQD.	X
* R3	4	AS REQD.	X
** S1	5	5'-6"	X
** S2	4	VARIES 6'-3" MIN. 16'-3" MAX.	X
** S3	4	11'-3"	X
T	7	11'-4"	X
U	5	4'-8"	X
V1	4	3'-2"	X
*** V2	4	3'-6"	X

* BARS 4P5 AND 4R3 ARE TO BE USED WITH A CURB ONLY.
** BEND BARS 5S1, 4S2 & 4S3 AROUND A #3 STIRRUP PIN.
*** BARS 7P4 & 4V2 ARE TO BE USED ON C-I-P CONCRETE RETAINING WALLS.

- REINFORCING STEEL NOTES:
- ALL BAR DIMENSIONS IN THE BENDING DIAGRAMS ARE OUT TO OUT.
 - THE REINFORCEMENT FOR THE RAILING ON A C-I-P CONCRETE RETAINING WALL SHALL BE THE SAME AS DETAILED ABOVE FOR A 8" DECK WITH ØA = 90°, WHERE APPLICABLE. IF BOTTOM HORIZONTAL LEGS OF BARS 7P1, 7P3 AND 4V1 PROHIBIT PLACEMENT, BARS 7P4 AND 4V2 MAY BE SUBSTITUTED FOR BARS 7P1, 7P3 AND 4V1 AS SHOWN.
 - ALL REINFORCING STEEL AT THE OPEN JOINTS SHALL HAVE A 2" MINIMUM COVER UNLESS OTHERWISE NOTED.
 - AT CONSTRUCTION JOINTS BARS 7R1, 5R2 AND 4R3 MAY BE CONTINUOUS OR SPLICED. WHERE BARS ARE SPLICED PROVIDE A 3'-3" MIN. LAP LENGTH FOR BAR 7R1, A 2'-0" MIN. LAP LENGTH FOR BARS 5R2 AND A 1'-3" MIN. LAP LENGTH FOR BARS 4R3.
 - THE SKEW ANGLE FOR BARS 7P3 MAY VARY FROM JOINT TO JOINT AND SIDE TO SIDE, SEE STRUCTURES PLANS, SUPERSTRUCTURE SHEETS FOR DETAILS.

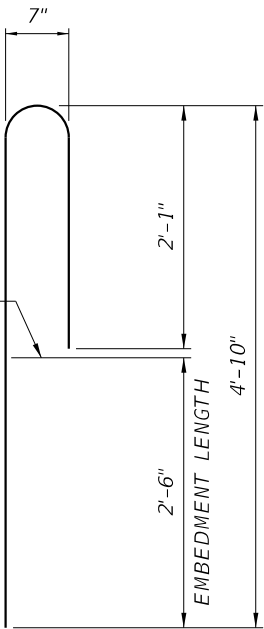


TOP OF C-I-P CONCRETE
RETAINING WALL

ROADWAY OR SIDEWALK CROSS-SLOPE	HIGH SIDE	LOW SIDE
	ØA	ØA
0% TO 2%	90°	90°
2% TO 6%	93°	87°
6% TO 10%	96°	84°

ØA SHALL BE 90° IF CONTRACTOR ELECTS
TO PLACE RAILING PERPENDICULAR TO
THE DECK.

BAR 7P3
(REQUIRES 3 DIMENSIONAL BEND)



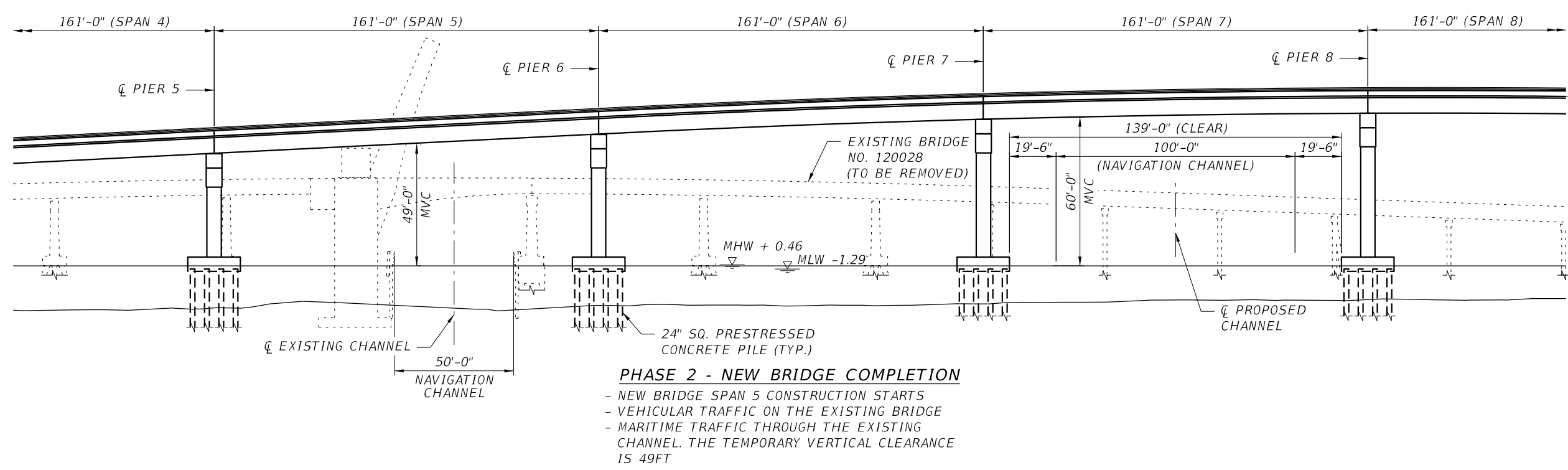
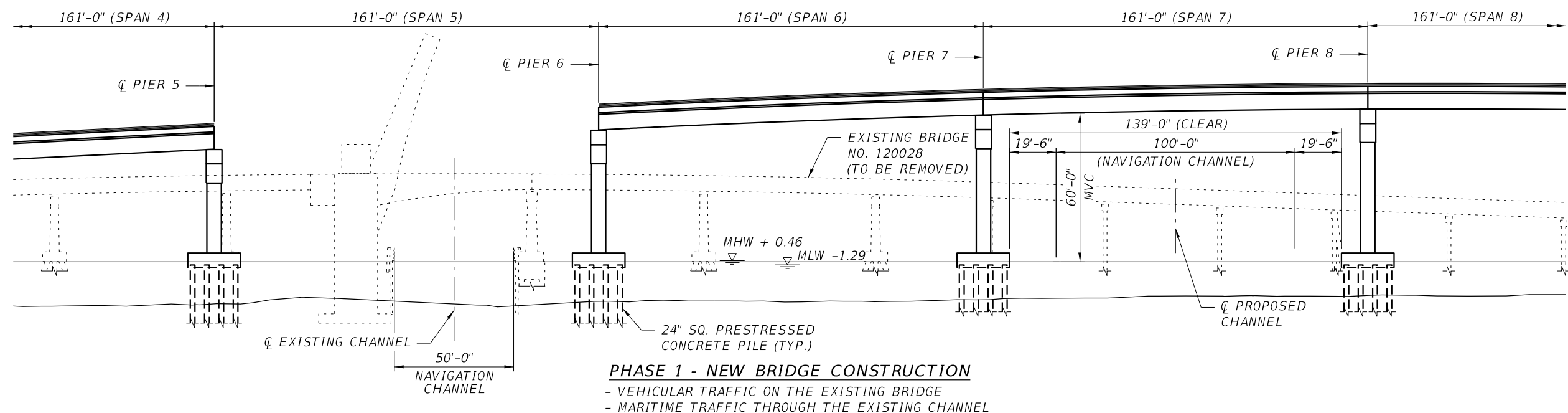
BAR 7P4 ***

ESTIMATED TRAFFIC RAILING QUANTITIES		
ITEM	CONCRETE QUANTITY (CY)	REBAR QUANTITY (LB)
TYPICAL 10'-0" SECTION W/CURB	1.13	535
TYPICAL 10'-0" SECTION W/O CURB	1.03	512
APPROACH SLAB WITH GUARDRAIL END SECTION	0.14 (PER LF)	44 (PER LF)

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY:	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:	32" CORRAL BARRIERR DETAILS (SHEET 5 OF 5)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY:				PROJECT NAME:		SHEET NO.
							DESIGNED BY:	ROAD NO.	COUNTY	COUNTY PROJECT No	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B1 - 119	
							CHECKED BY:	CR 865	LEE	CN160002			

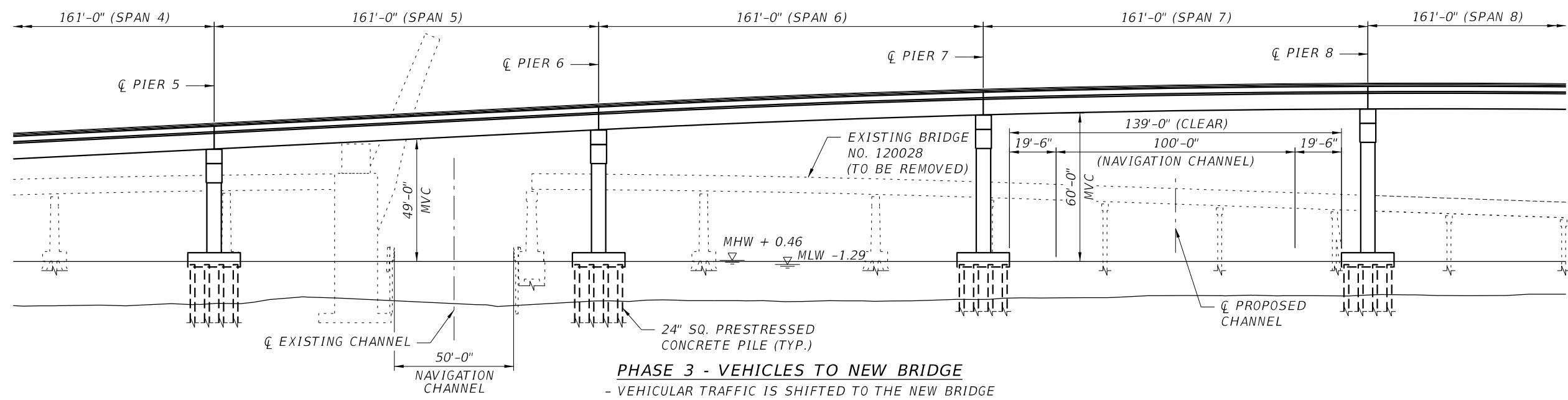
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BRIDGE NO. 124143

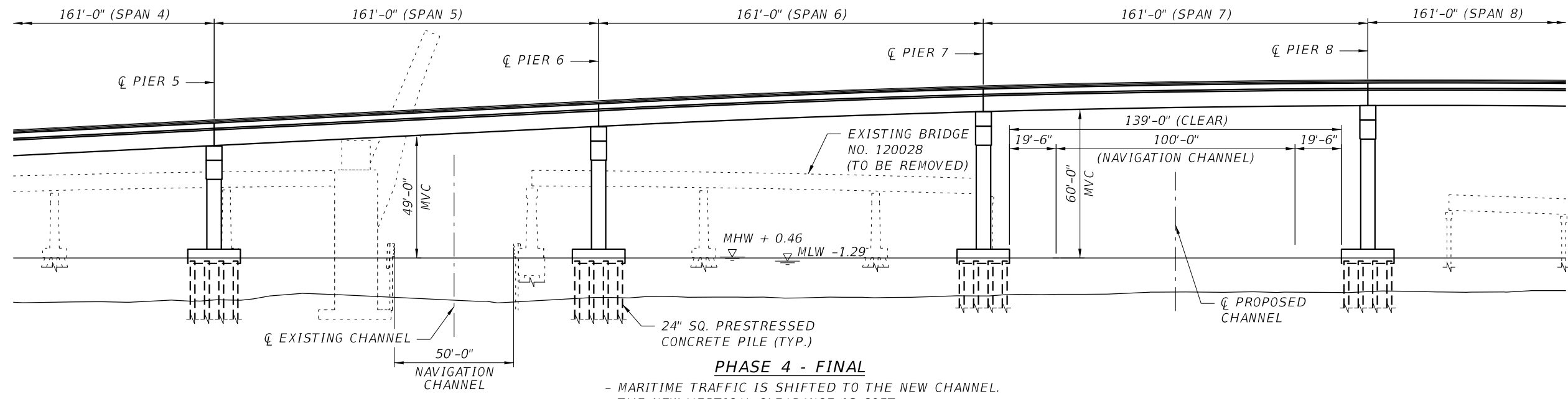
REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: JBH 04-21 CHECKED BY: AJL XX-XX DESIGNED BY: AJL 04-21 CHECKED BY: SKB 12-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: CONSTRUCTION OVER NAVIGATION CHANNEL (1 OF 2)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION							
								ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.
								CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B1-120

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PHASE 3 - VEHICLES TO NEW BRIDGE

- VEHICULAR TRAFFIC IS SHIFTED TO THE NEW BRIDGE
- MARITIME TRAFFIC STILL THROUGH THE EXISTING CHANNEL. VERTICAL CLEARANCE IS 49FT
- DEMOLITION OF THE EXISTING BRIDGE STARTS IN THE NEW CHANNEL AREA.



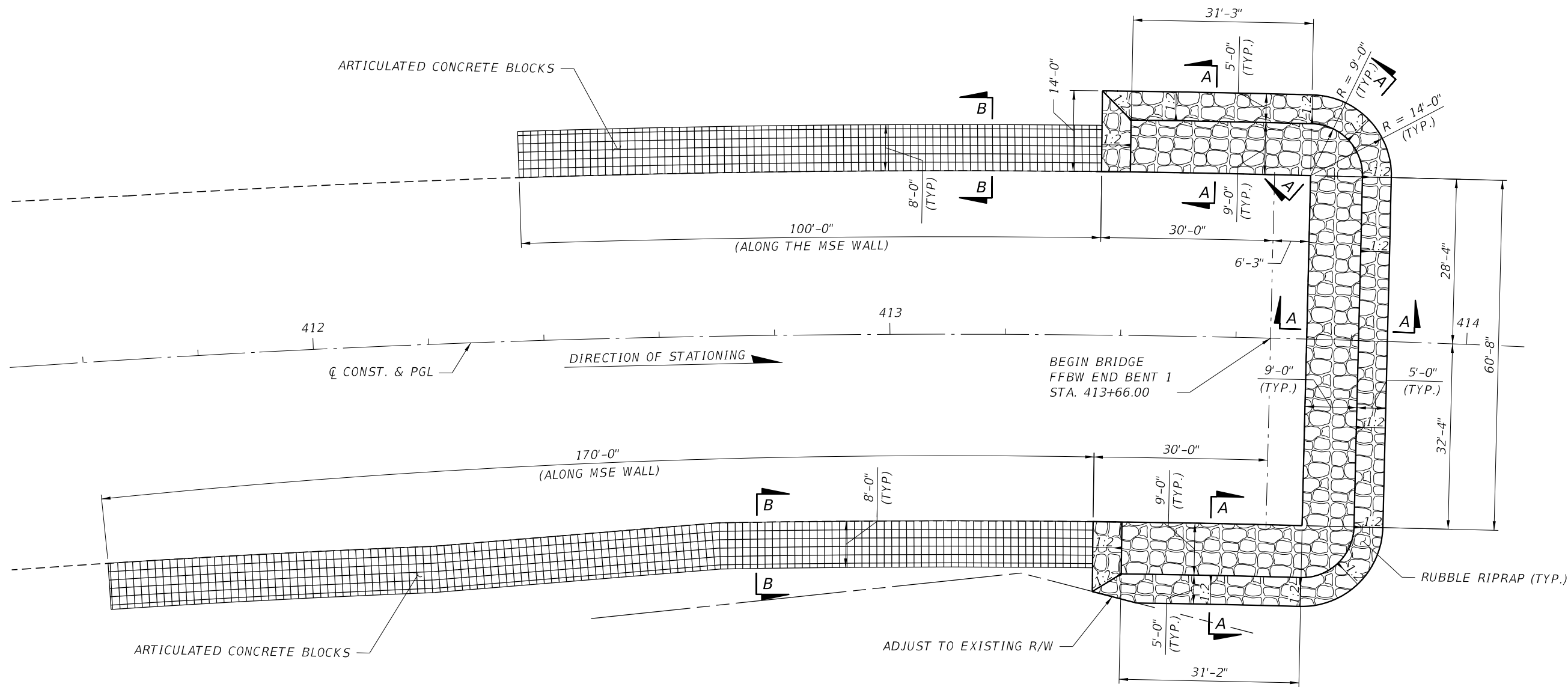
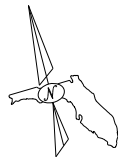
PHASE 4 - FINAL

- MARITIME TRAFFIC IS SHIFTED TO THE NEW CHANNEL. THE NEW VERTICAL CLEARANCE IS 60FT
- DEMOLITION OF THE EXISTING BRIDGE CONTINUES WITH VEHICULAR AND MARITIME TRAFFIC IN FINAL POSITION.

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: JBH 04-21 CHECKED BY: AJL XX-XX DESIGNED BY: AJL XX-XX CHECKED BY: SKB 12-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: CONSTRUCTION OVER NAVIGATION CHANNEL (2 OF 2) PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	REF. DWG. NO. SHEET NO. B1-121
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN160002		

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BRIDGE NO. 124143

REVISIONS						DRAWN BY: CHECKED BY: DESIGNED BY: CHECKED BY:	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						
							ROAD NO.	COUNTY	COUNTY PROJECT No		
							CR 865	LEE	CN160002		SHEET NO. B1 - 122

Kisinger Campo & Associates Corp.
201 N. Franklin Street
Suite 400
Tampa, FL 33602
Alfredo Jose Layrisse, PE No. 75610

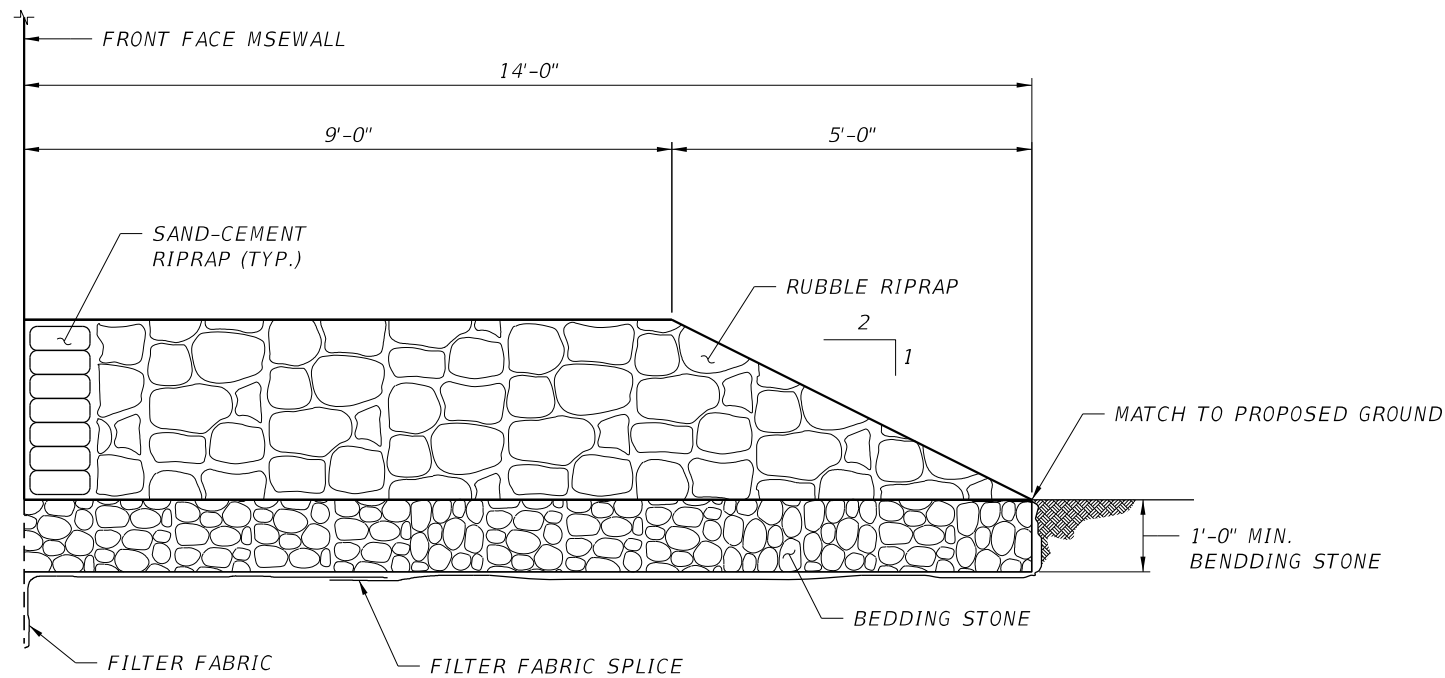
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5/27/2021

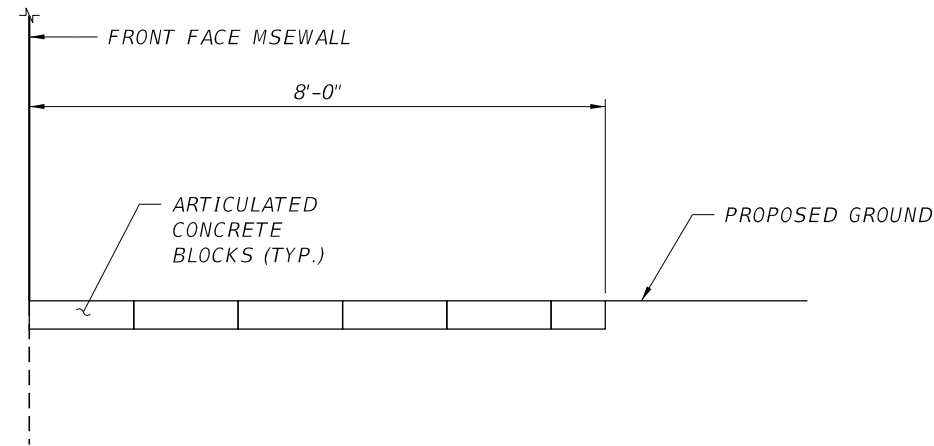
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SECTION A-A

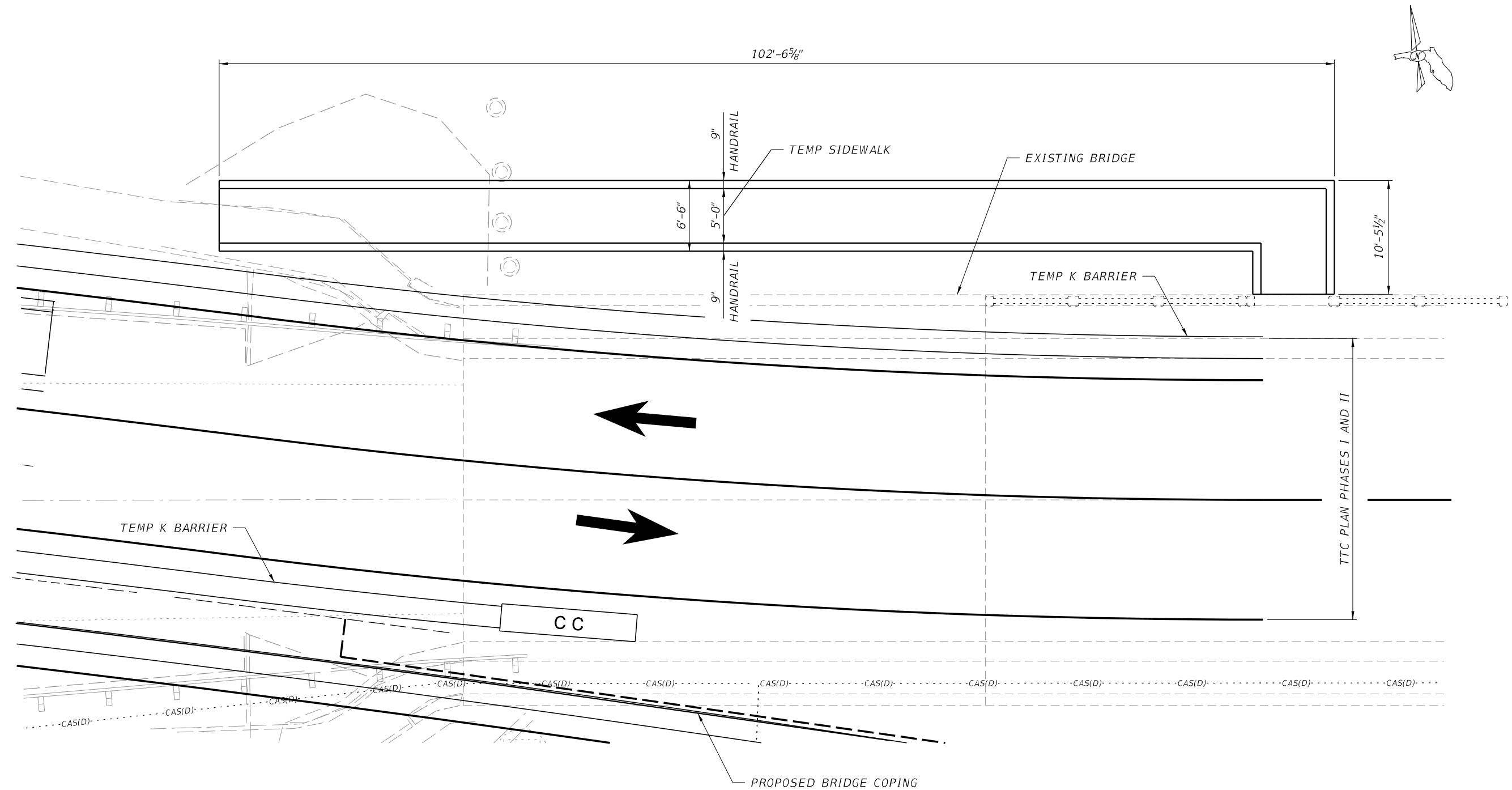


SECTION B-B

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY:			LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.	
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY:						SLOPE PROTECTION DETAILS (2 OF 2)			
							DESIGNED BY:			ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:		SHEET NO.	
							CHECKED BY:			CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		B1 - 123	

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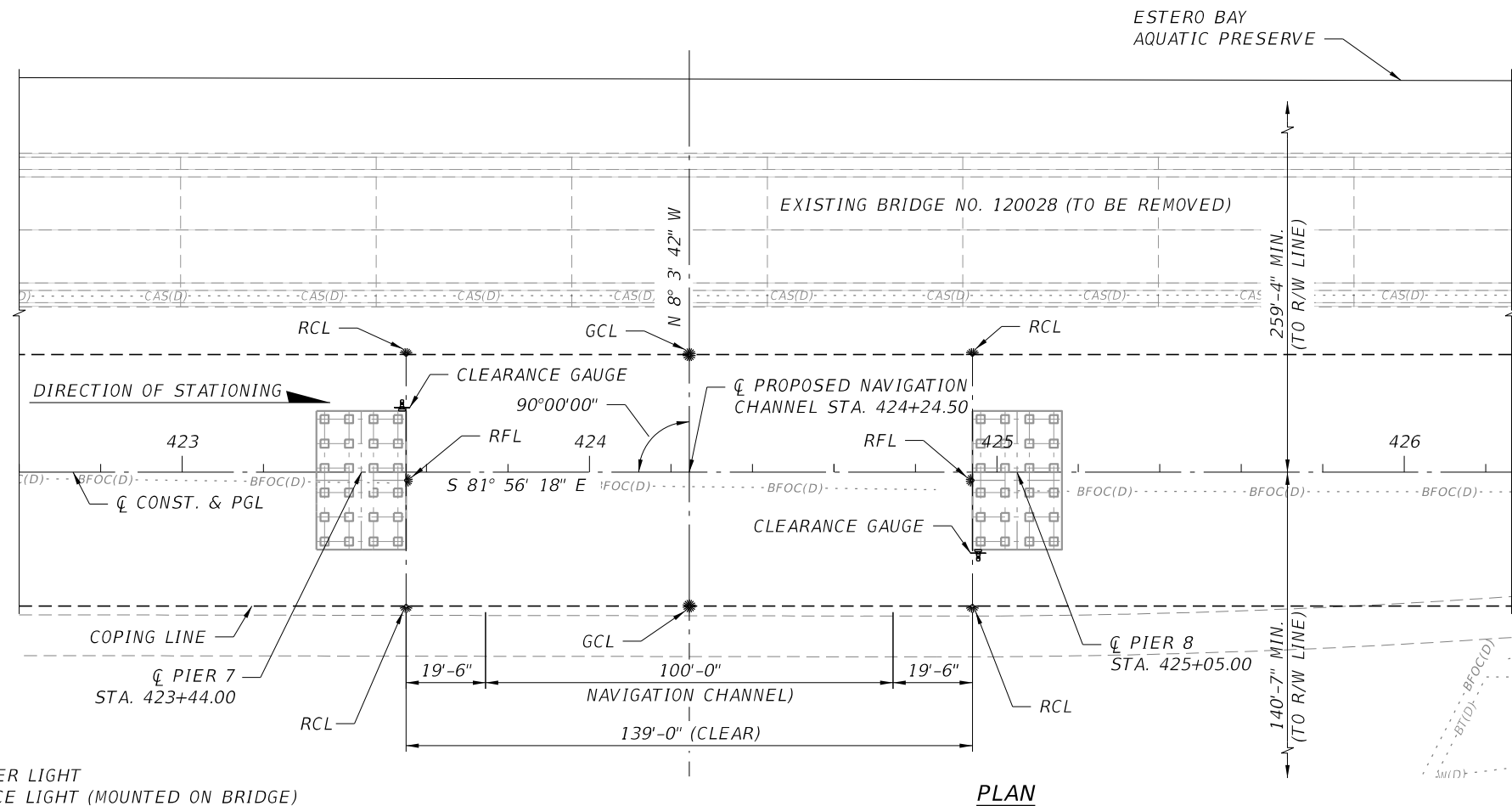
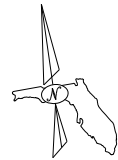


NOTE TO REVIEWER:
TEMPORARY SIDEWALK GEOMETRY AND DETAILS
WILL BE PROVIDED ON THE NEXT SUBMITTAL

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: JBH 05-21	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: AJL 05-21				TEMPORARY SIDEWALK		
							DESIGNED BY: KL 05-21	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.	
							CHECKED BY: SKB 12-19	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B1-124	

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



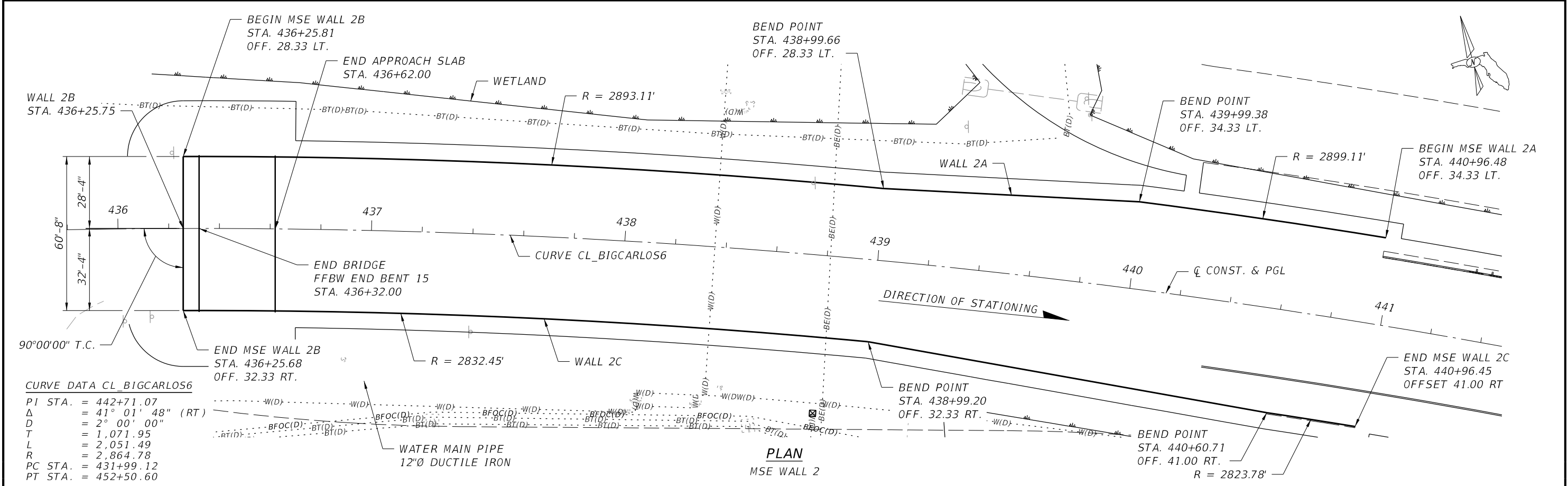
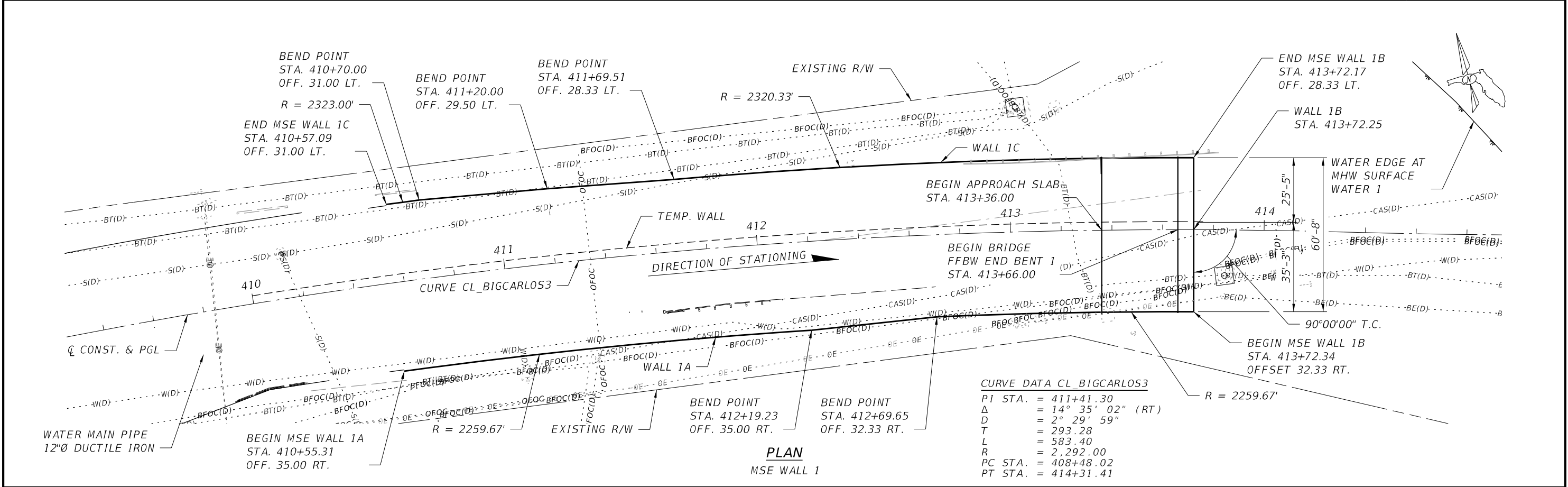
LEGEND:
RFL - RED FENDER/PIER LIGHT
GCL - GREEN CLEARANCE LIGHT (MOUNTED ON BRIDGE)
CGL - CLEARANCE GAUGE LIGHT.

NOTE TO REVIEWER:
NAVIGATION CHANNEL LIGHTING CONDUIT
AND CLEARANCE GAUGE DETAIL WILL BE
PROVIDED WITH THE NEXT SUBMITTAL

BRIDGE NO. 124143

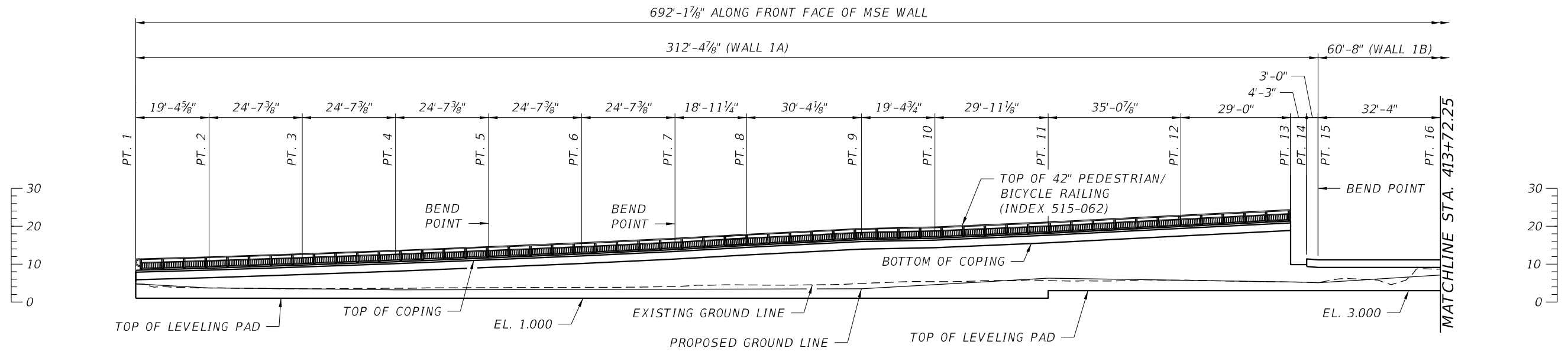
REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: JBH 05-21 CHECKED BY: AJL 05-21 DESIGNED BY: AJL 05-21 CHECKED BY: SKB 05-21	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: NAVIGATION CHANNEL DETAILS		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:		SHEET NO.
								CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		B1-125

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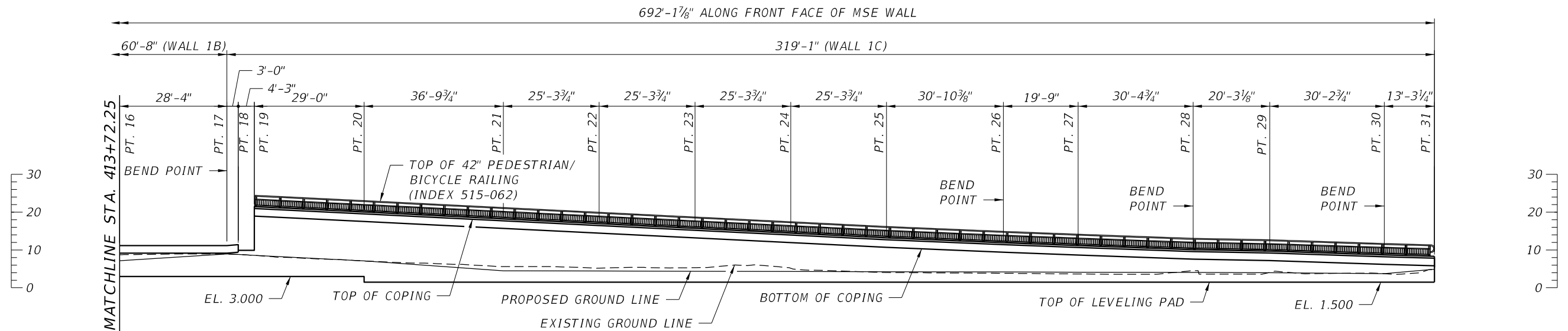


REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: ARF 06-19 CHECKED BY: AJL 06-19 DESIGNED BY: DAA 06-19 CHECKED BY: JHD 06-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: PLAN - MSE WALL 1 & 2	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN160002	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. BW - 1

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



ELEVATION



ELEVATION

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: ARF 06-19 CHECKED BY: AJL 06-19 DESIGNED BY: DAA 06-19 CHECKED BY: JHD 06-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: ELEVATION - MSE WALL 1 (1 OF 2)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN160002	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. BW - 2

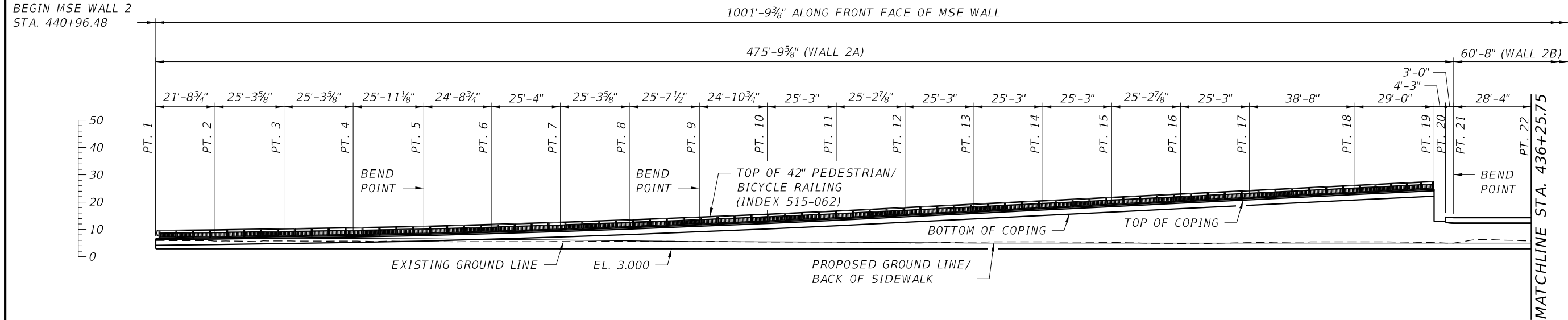
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MSE WALL 1 ELEVATIONS					
POINT	STATION	OFFSET	COPING ELEVATION	PROPOSED GROUND ELEVATION	EXISTING GROUND ELEVATION
		(FT .)	(FT .)	(FT .)	(FT .)
1	410+55.31	35.00	7.861	4.807	4.807
2	410+75.00	35.00	8.429	3.728	3.728
3	411+00.00	35.00	9.237	3.498	3.498
4	411+25.00	35.00	10.142	3.192	3.621
5	411+50.00	35.00	11.145	3.253	3.793
6	411+75.00	35.00	12.156	3.315	3.859
7	412+00.00	35.00	13.354	3.377	4.078
8	412+19.23	35.00	14.403	3.424	4.512
9	412+50.00	33.50	15.943	3.500	4.883
10	412+69.65	32.33	16.344	4.600	5.382
11	413+00.00	32.33	17.621	6.300	5.666
12	413+35.57	32.33	19.400	5.764	5.770
13	413+64.99	32.33	20.870	5.301	5.301
	413+64.99	32.33	9.888	5.301	5.301
14	413+69.30	32.33	9.888	5.193	5.193
	413+69.30	32.33	11.388	5.193	5.193
15	413+72.34	32.33	11.138	5.092	5.092
16	413+72.25	0.00	11.138	7.136	8.709
17	413+72.17	-28.33	11.138	8.927	8.927
18	413+69.21	-28.33	11.388	8.808	8.808
	413+69.21	-28.33	9.888	8.808	8.808
19	413+65.01	-28.33	9.888	8.564	8.564
	413+65.01	-28.33	20.952	8.564	8.564
20	413+36.37	-28.33	19.519	7.089	7.089
21	413+00.00	-28.33	17.701	4.500	5.594
22	412+75.00	-28.33	16.451	4.438	5.187
23	412+50.00	-28.33	15.201	4.375	5.317
24	412+25.00	-28.33	13.951	4.313	5.115
25	412+00.00	-28.33	12.701	4.250	4.041
26	411+69.51	-28.33	11.398	4.174	3.816
27	411+50.00	-28.66	10.647	4.125	3.649
28	411+20.00	-29.50	9.548	4.050	4.538
29	411+00.00	-29.97	9.173	4.000	4.063
30	410+70.18	-31.00	8.205	3.735	3.735
31	410+57.09	-31.00	7.831	4.879	4.879

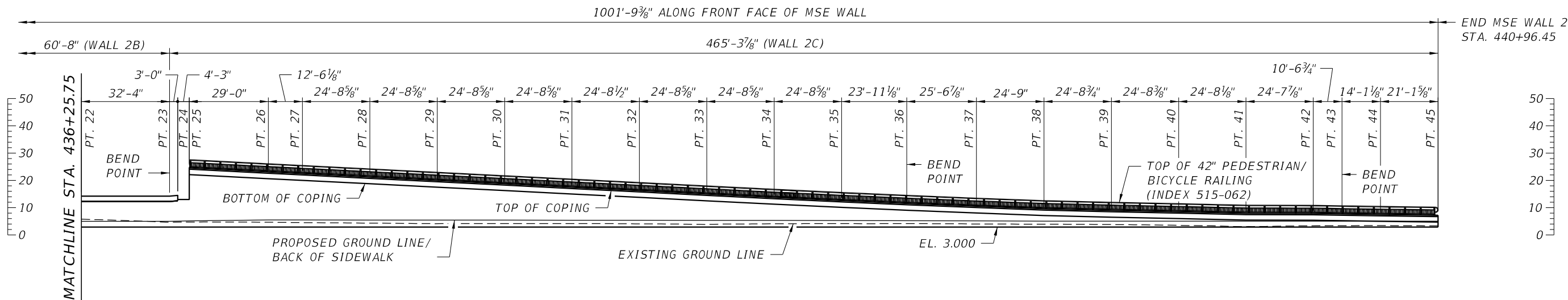
BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY:	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: ELEVATION - MSE WALL 1 (2 OF 2)		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY:						
							DESIGNED BY:	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		SHEET NO.
							CHECKED BY:	CR 865	LEE	CN160002			BW - 3

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



ELEVATION



ELEVATION

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 02-21 CHECKED BY: KL 02-21 DESIGNED BY: SKB 02-21 CHECKED BY: KL 02-21	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: ELEVATION - MSE WALL 2 (1 OF 2)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN160002	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. BW - 4

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

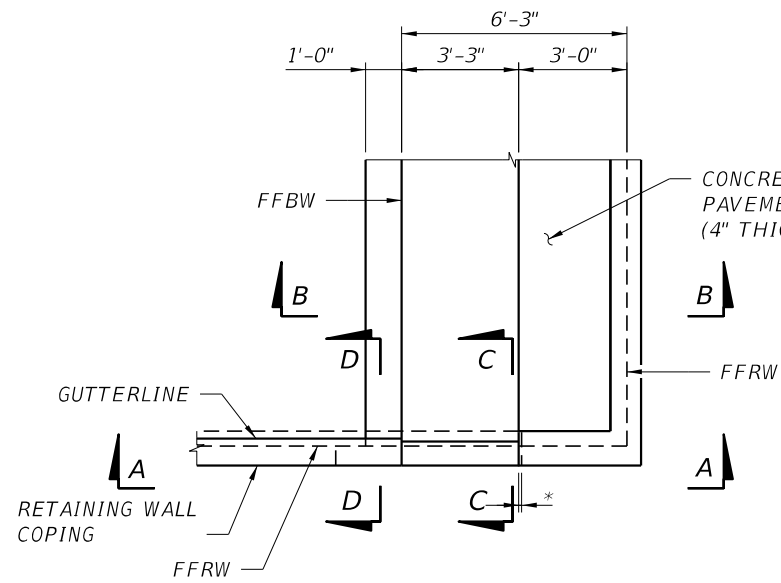
MSE WALL 2 ELEVATIONS					
POINT	STATION	OFFSET	COPING ELEVATION	PROPOSED GROUND ELEVATION	EXISTING GROUND ELEVATION
		(FT .)	(FT .)	(FT .)	(FT .)
1	440+96.48	-34.33	6.297	6.610	6.056
2	440+75.00	-34.33	6.566	6.740	5.837
3	440+50.00	-34.33	6.967	6.890	5.896
4	440+25.00	-34.33	7.345	6.789	5.833
5	439+99.38	-34.33	7.833	6.681	5.652
6	439+75.00	-32.54	8.538	6.464	5.602
7	439+50.00	-30.92	9.350	6.240	5.659
8	439+25.00	-29.52	10.253	5.941	5.763
9	438+99.66	-28.33	11.260	5.640	5.656
10	438+75.00	-28.33	12.311	5.560	5.514
11	438+50.00	-28.33	13.470	5.479	5.458
12	438+25.00	-28.33	14.710	5.303	5.192
13	438+00.00	-28.33	15.960	5.126	5.497
14	437+75.00	-28.33	17.210	5.126	5.548
15	437+50.00	-28.33	18.460	5.126	5.349
16	437+25.00	-28.33	19.710	5.126	4.941
17	437+00.00	-28.33	20.960	5.126	5.298
18	436+61.71	-28.33	22.875	5.126	5.585
19	436+32.99	-28.33	24.311	5.126	5.302
	436+32.99	-28.33	13.128	5.126	5.302
20	436+28.78	-28.33	13.128	5.126	5.119
	436+28.78	-28.33	14.628	5.126	5.119
21	436+25.81	-28.33	14.378	5.126	5.124
22	436+25.75	0.00	14.378	5.126	5.906

MSE WALL 2 ELEVATIONS					
POINT	STATION	OFFSET	COPING ELEVATION	PROPOSED GROUND ELEVATION	EXISTING GROUND ELEVATION
		(FT .)	(FT .)	(FT .)	(FT .)
23	436+25.68	32.33	14.378	5.126	4.773
24	436+28.71	32.33	14.628	5.191	4.801
	436+28.71	32.33	13.128	5.191	4.801
25	436+33.01	32.33	13.128	5.282	4.846
	436+33.01	32.33	24.229	5.282	4.846
26	436+62.34	32.33	22.763	5.624	4.781
27	436+75.00	32.33	22.130	5.602	4.660
28	437+00.00	32.33	20.880	5.559	4.467
29	437+25.00	32.33	19.630	5.553	4.266
30	437+50.00	32.33	18.380	5.546	4.289
31	437+75.00	32.33	17.130	5.526	4.308
32	438+00.00	32.33	15.880	5.506	4.189
33	438+25.00	32.33	14.630	5.476	3.975
34	438+50.00	32.33	13.390	5.445	4.226
35	438+75.00	32.33	12.231	5.407	4.305
36	438+99.20	32.33	11.199	5.370	4.291
37	439+25.00	34.33	10.157	5.284	4.132
38	439+50.00	36.03	9.248	5.199	4.071
39	439+75.00	37.53	8.650	5.199	3.932
40	440+00.00	38.80	8.143	5.199	3.642
41	440+25.00	39.86	7.573	5.199	3.188
42	440+50.00	40.70	7.525	5.199	3.485
43	440+60.71	41.00	7.348	5.199	3.528
44	440+75.00	41.00	7.130	5.199	3.552
45	440+96.45	41.00	6.862	5.199	3.439

BRIDGE NO. 124143

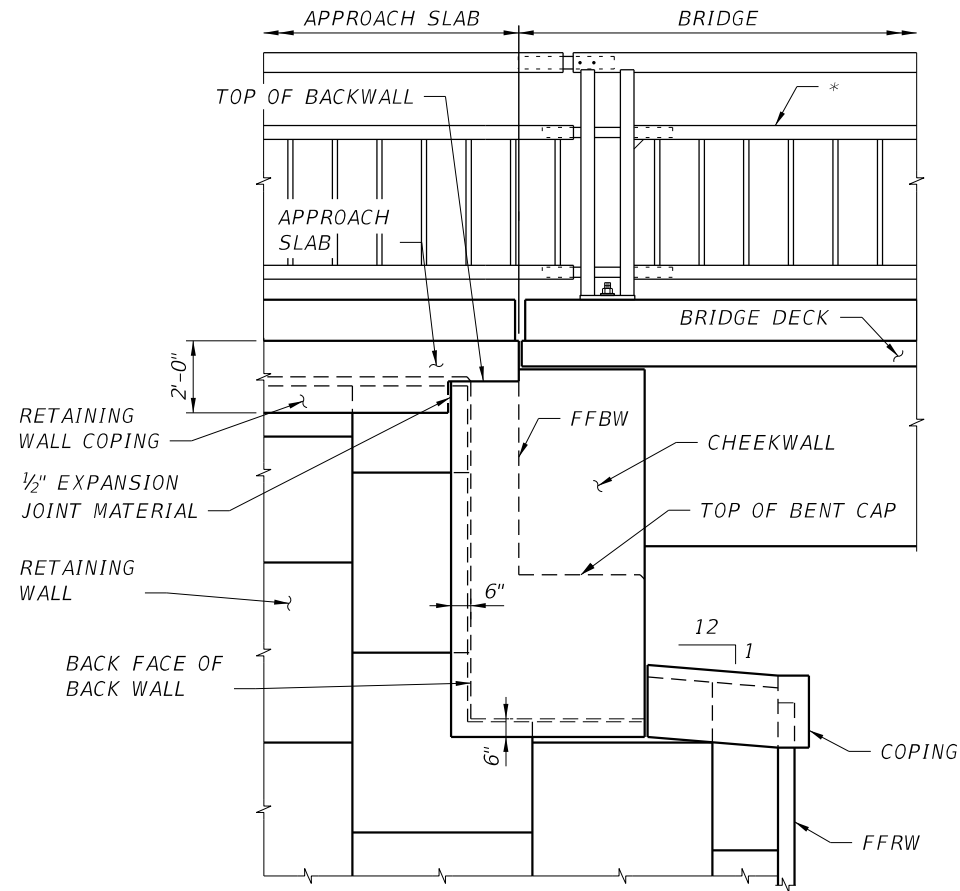
REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY:	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: ELEVATION - MSE WALL 2 (2 OF 2)		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY:						
							DESIGNED BY:	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.	
							CHECKED BY:	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	BW - 5	

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

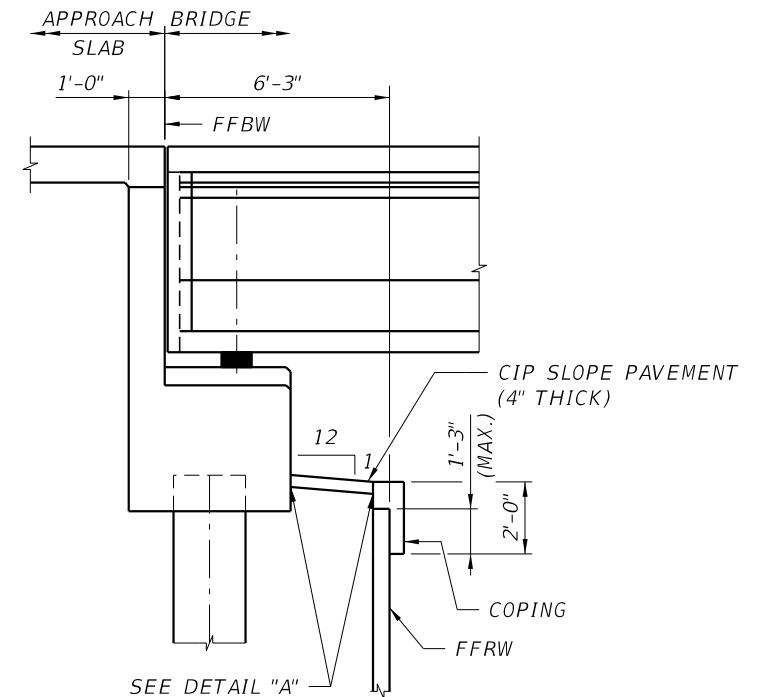


PARTIAL PLAN AT END BENT 1

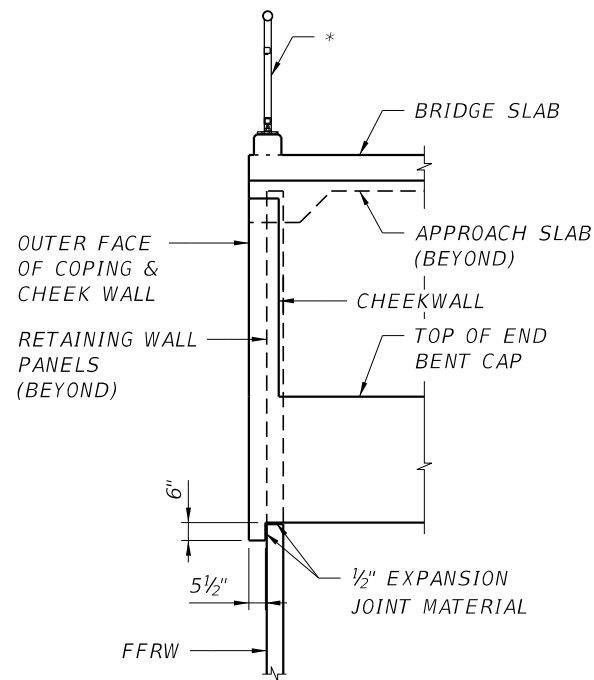
* 1" EXPANSION JOINT MATERIAL



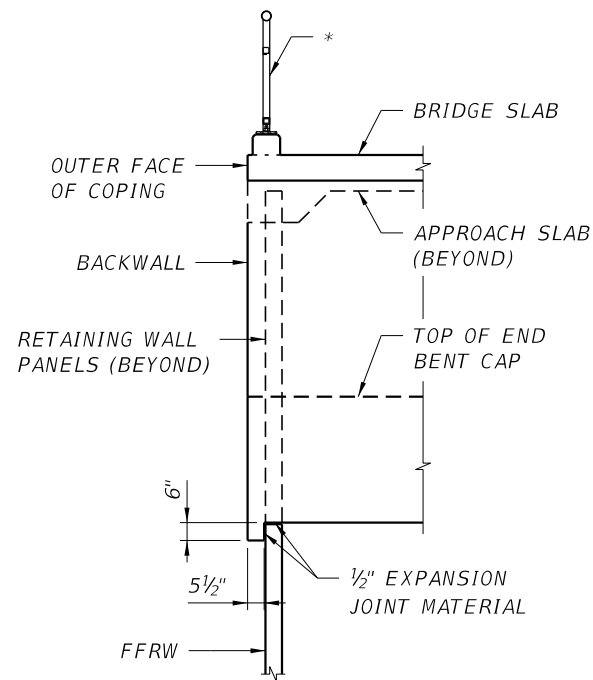
VIEW A-A



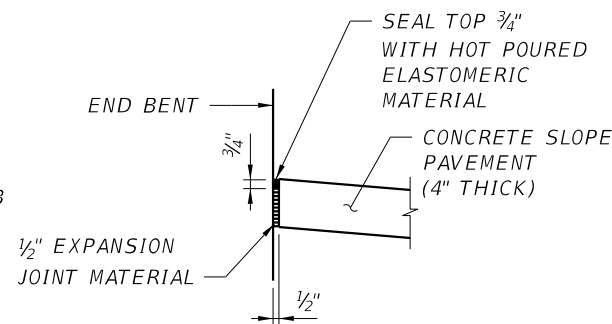
SECTION B-B



SECTION C-C



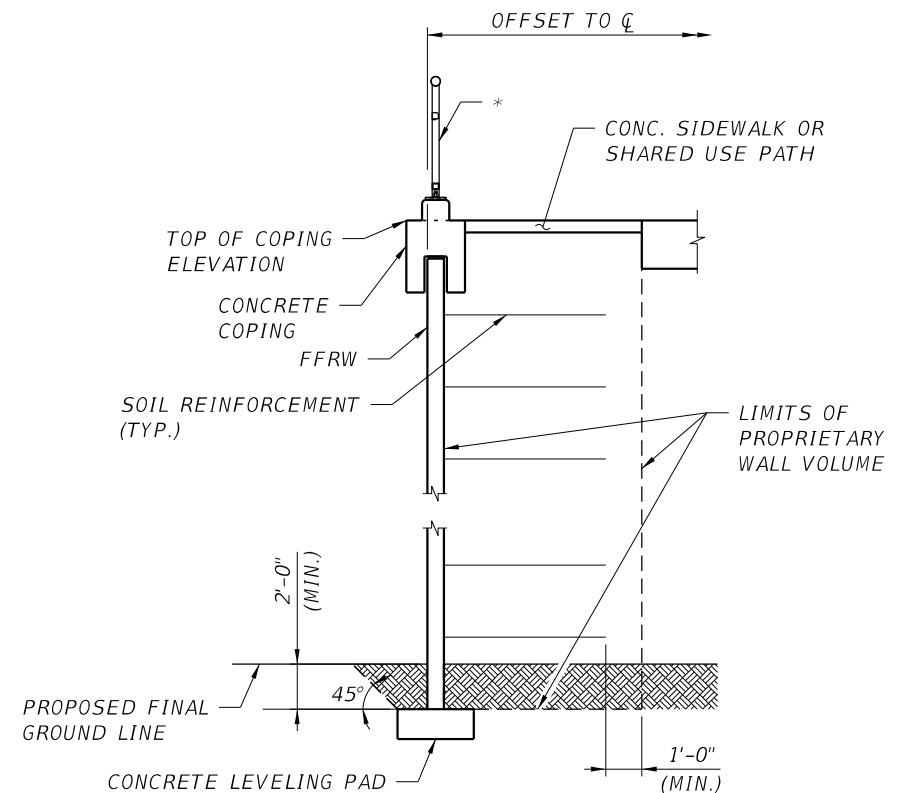
SECTION D-D



DETAIL "A"

NOTE:
DETAIL "A" APPLIES TO ALL CONTACT SURFACES OF SLOPE PAVEMENT WITH END BENTS, COPING AND CONSTRUCTION JOINTS AND ALL OTHER JOINTS AS DIRECTED BY THE ENGINEER.

* 42" BRIDGE PEDESTRIAN/BICYCLE RAILING (ALUMINUM), SCHEME 2, INDEX 515-061 (TYP.)



TYPICAL WALL SECTION

REVISIONS						DRAWN BY: JHB 07-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: MSE WALL DETAILS	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						
						CHECKED BY: AJL 07-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. BW - 6
						DESIGNED BY: AJL 07-19	CR 865	LEE	CN160002		
						CHECKED BY: ATB 07-19					

Kisinger Campo & Associates Corp.
201 N. Franklin Street
Suite 400
Tampa, FL 33602
Alfredo Jose Layrisse, PE No. 75610

DRAWN BY:
JHB 07-19
CHECKED BY:
AJL 07-19
DESIGNED BY:
AJL 07-19
CHECKED BY:
ATB 07-19

LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

SHEET TITLE:

MSE WALL DETAILS

PROJECT NAME:

ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS

REF. DWG. NO.

SHEET NO.

BW - 6

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

PERMANENT MSE RETAINING WALL SYSTEM DATA TABLES

GEOTECHNICAL INFORMATION						Table Date 1-01-11
Wall 1A, 1B & 1C	Reinforced Soil & Random Backfill	Loose Sand w/ Silt	Med. Dense Sand w/ Silt	Loose Sand w/ Silt	Very Dense Silty Sand	Weathered Limestone/Caprock
Depth Below Existing Ground Line (ft.)	—	0 - 6	6 - 13	13 - 28	28 - 33	33 - 40
Effective Unit Weight (pcf)	105	42.6	47.6	42.6	62.6	52.6
Cohesion (psf)	—	—	—	—	—	—
Internal Friction Angle	30	29	30	29	34	38

GEOTECHNICAL INFORMATION				Table Date 1-01-11
Wall 2A, 2B & 2C	Reinforced Soil & Random Backfill	Loose to Med. Dense Sand w/ Silt and Shell	Weathered Limestone/Caprock	Weathered Limestone/Caprock
Depth Below Existing Ground Line (ft.)	—	0 - 23	23 - 28	28 - 40
Effective Unit Weight (pcf)	105	42.6	72.6	52.6
Cohesion (psf)	—	—	8,000	—
Internal Friction Angle	30	29	—	37

NOTE:
IF THE UNIT WEIGHT AND/OR INTERNAL FRICTION ANGLE OF THE FILL PROPOSED BY THE CONTRACTOR DIFFERS FROM THAT SHOWN ABOVE, THE PROJECT ENGINEER WILL CONTACT BOTH THE DISTRICT GEOTECHNICAL ENGINEER AND THE WALL DESIGNER FOR A POSSIBLE REDESIGN.

RETAINING WALL VARIABLES					Table Date 7-01-13
Wall No.	Wall Settlement				Design High Water Elevation (ft.)
	Long Term Settlement (in.)	Short Term Settlement (in.)	Differential Settlement		
			Longitudinal (%) (ft./100ft.)	Transverse (in.)	
1A, 1B & 1C	<0.5	0.5 - 1.5	0.5	N/A	+14.3
2A, 2B & 1C	<0.5	0.5 - 4.2	0.15	N/A	+14.3

NOTE:
DESIGN WALLS FOR THE SETTLEMENTS NOTED IN THE TABLE.
LONG TERM SETTLEMENT IS MEASURED FROM THE END OF WALL FILL PLACEMENT.
TRANSVERSE DIFFERENTIAL SETTLEMENT IS MEASURED FROM THE FACE OF WALL TO THE END OF THE SOIL REINFORCEMENT.

SOIL REINFORCEMENT LENGTHS FOR EXTERNAL STABILITY										Table Date 1-01-11	
Walls 1A, 1B, 1C	Wall Height (ft.)	≤8	10	12	14	16	18	20	22	24	
	Reinforcement Length (ft.)	10	12	13	16	18	18	20	22	24	
	Factored Bearing Resistance (psf)	2,603	2,932	2,982	3,590	3,920	3,685	5,499	6,022	6,542	
Walls 2A & 2B	Wall Height (ft.)	≤8	10	12	14	16	18	20	22	24	
	Reinforcement Length (ft.)	11	14	17	19	22	25	28	30	33	
	Factored Bearing Resistance (psf)	2,869	3,465	4,061	4,397	4,999	5,636	6,272	6,650	7, 284	
Wall 2C	Wall Height (ft.)	≤8	10	12	14	16	18	20	22	24	
	Reinforcement Length (ft.)	10	12	14	17	19	21	24	26	28	
	Factored Bearing Resistance (psf)	2,603	2,932	3,261	3,864	4,200	4,578	5,225	5,602	5,980	

NOTES:
1. THE REINFORCEMENT STRAP LENGTHS SHOWN ABOVE ARE THE MINIMUM LENGTHS REQUIRED FOR EXTERNAL STABILITY. THE REINFORCEMENT LENGTHS USED IN THE CONSTRUCTION OF THE RETAINING WALLS WILL BE THE LONGER OF THAT REQUIRED FOR EXTERNAL OR INTERNAL STABILITY (DETERMINED BY PROPRIETARY WALL COMPANIES).
2. THE FACTORED BEARING RESISTANCES SHOWN ABOVE ARE THE CRITICAL (LOWEST) VALUES FROM ALL THE LOAD CASES ANALYZED USING LRFD METHODOLOGY.

NOTES [Notes Date 09-01-19]:

- CONCRETE FACING PANEL SURFACES TREATMENT WILL BE _____ .
- IF REQUIRED, THE SOIL REINFORCEMENT AND FASTENERS FOR THE ABUTMENT BACK WALL WILL BE DESIGNED AND FURNISHED BY THE PROPRIETARY WALL COMPANY. THE SOIL REINFORCEMENT WILL BE DESIGNED TO RESIST A FACTORED HORIZONTAL LOAD OF _____ KIPS/FT. OF BACK WALL WIDTH. THE COST OF SOIL REINFORCEMENT AND FASTENERS (IF REQUIRED) WILL BE INCLUDED IN THE COST OF THE RETAINING WALL SYSTEM.
- APPLICABLE FDOT WALL TYPES FOR EACH WALL LOCATION ARE LISTED BELOW. SEE THE APPROVED PRODUCTS LIST FOR APPROVED WALL SYSTEMS AND STANDARD PLANS INDEX 548-020 FOR ALLOWABLE WALL TYPE SUBSTITUTIONS.
WALL NO. 1 - FDOT WALL TYPE _____
WALL NO. 2 - FDOT WALL TYPE _____
- CONCRETE FOR COPING AND/OR JUNCTION SLAB SHALL BE CLASS _____ (F'C = _____ PSI) WITH/WITHOUT HIGHLY REACTIVE POZZOLANS.
- SEE STANDARD PLANS INDEX 548-020 FOR GENERAL NOTES AND DETAILS.

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: JBH 04-21	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:	REF. DWG. NO.
DATE	BY	DESCRIPTION			DATE	BY	DESCRIPTION				PROJECT NAME:	SHEET NO.
								ROAD NO.	COUNTY	COUNTY PROJECT No		BW - 7
							CHECKED BY: AJL XX-XX	CR 865	LEE	CN160002	PERMANENT MSE RETAINING WALL DATA TABLES	
							DESIGNED BY: KL 04-21				ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	
							CHECKED BY: SKB XX-XX					

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

TEMPORARY MSE RETAINING WALL SYSTEM DATA TABLES

GEOTECHNICAL INFORMATION						Table Date 1-01-11
Temporary MSE Wall	Reinforced Soil & Random Backfill	Loose Sand w/ Silt	Med. Dense Sand w/ Silt	Loose Sand w/ silt	Very Dense Silty Sand	Weathered Limestone/Caprock
Depth Below Existing Ground Line (ft.)	—	0 - 6	6 - 13	13 - 28	28 - 33	33 - 40
Effective Unit Weight (pcf)	105	42.6	47.6	42.6	62.6	52.6
Cohesion (psf)	—	—	—	—	—	—
Internal Friction Angle	30	29	30	29	34	38

NOTE:
IF THE UNIT WEIGHT AND/OR INTERNAL FRICTION ANGLE OF THE FILL PROPOSED BY THE CONTRACTOR DIFFERS FROM THAT SHOWN ABOVE, THE PROJECT ENGINEER WILL CONTACT BOTH THE DISTRICT GEOTECHNICAL ENGINEER AND THE WALL DESIGNER FOR A POSSIBLE REDESIGN.

RETAINING WALL VARIABLES				Table Date 07-01-13
Wall No.	Wall Settlement			Air Contaminants Classification
	Long Term Settlement (in.)	Short Term Settlement (in.)	Differential Settlement (%) (ft./100ft.)	
Temp. MSE Walls	<0.5	0.5 - 1.5	0.05	High

NOTE:
DESIGN WALLS FOR THE SETTLEMENTS NOTED IN THE TABLE.
LONG TERM SETTLEMENT IS MEASURED FROM THE BEGINNING OF WALL CONSTRUCTION.

SOIL REINFORCEMENT LENGTHS FOR EXTERNAL STABILITY										Table Date 1-01-11	
Temporary MSE Walls	Wall Height (ft.)	≤8	10	12	14	16	18	20	22		
	Reinforcement Length (ft.)	10	12	13	16	18	18	20	22		
	Factored Bearing Resistance (psf)	1,833	2,162	2,212	2,820	3,149	2,915	4,487	5,009		

- NOTES:
- THE REINFORCEMENT STRAP LENGTHS SHOWN ABOVE ARE THE MINIMUM LENGTHS REQUIRED FOR EXTERNAL STABILITY. THE REINFORCEMENT LENGTHS USED IN THE CONSTRUCTION OF THE RETAINING WALLS WILL BE THE LONGER OF THAT REQUIRED FOR EXTERNAL OR INTERNAL STABILITY (DETERMINED BY PROPRIETARY WALL COMPANIES).
 - THE FACTORED BEARING RESISTANCES SHOWN ABOVE ARE THE CRITICAL (LOWEST) VALUES FROM ALL THE LOAD CASES ANALYZED USING LRFD METHODOLOGY.

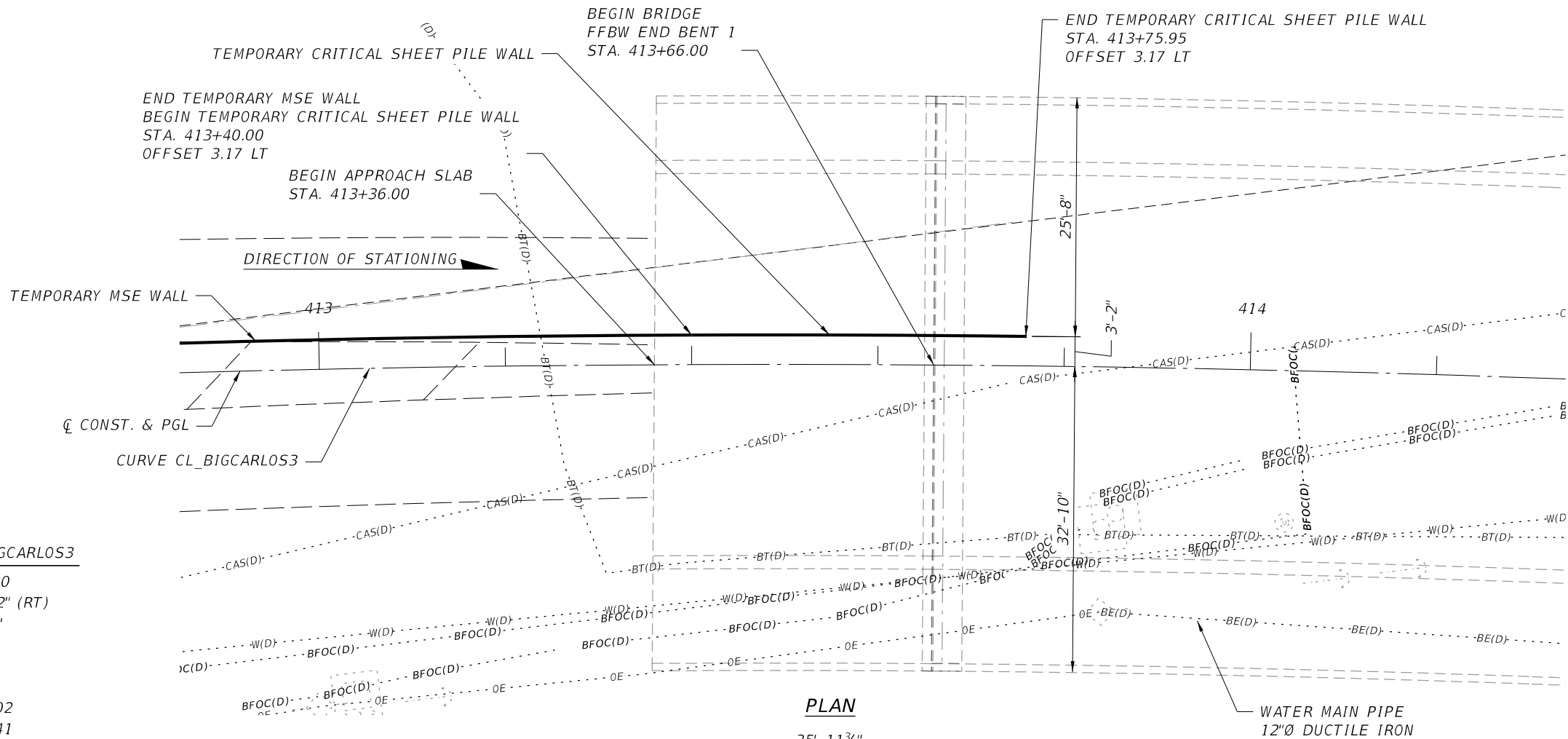
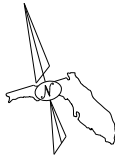
NOTES [Notes Date 07-01-14]:

- SEE THE APPROVED PRODUCTS LIST FOR APPROVED WALL SYSTEMS (FDOT WALL TYPE 3).
- SEE STANDARD PLANS INDEX 548-030 FOR GENERAL NOTES AND DETAILS.

BRIDGE NO. 124143

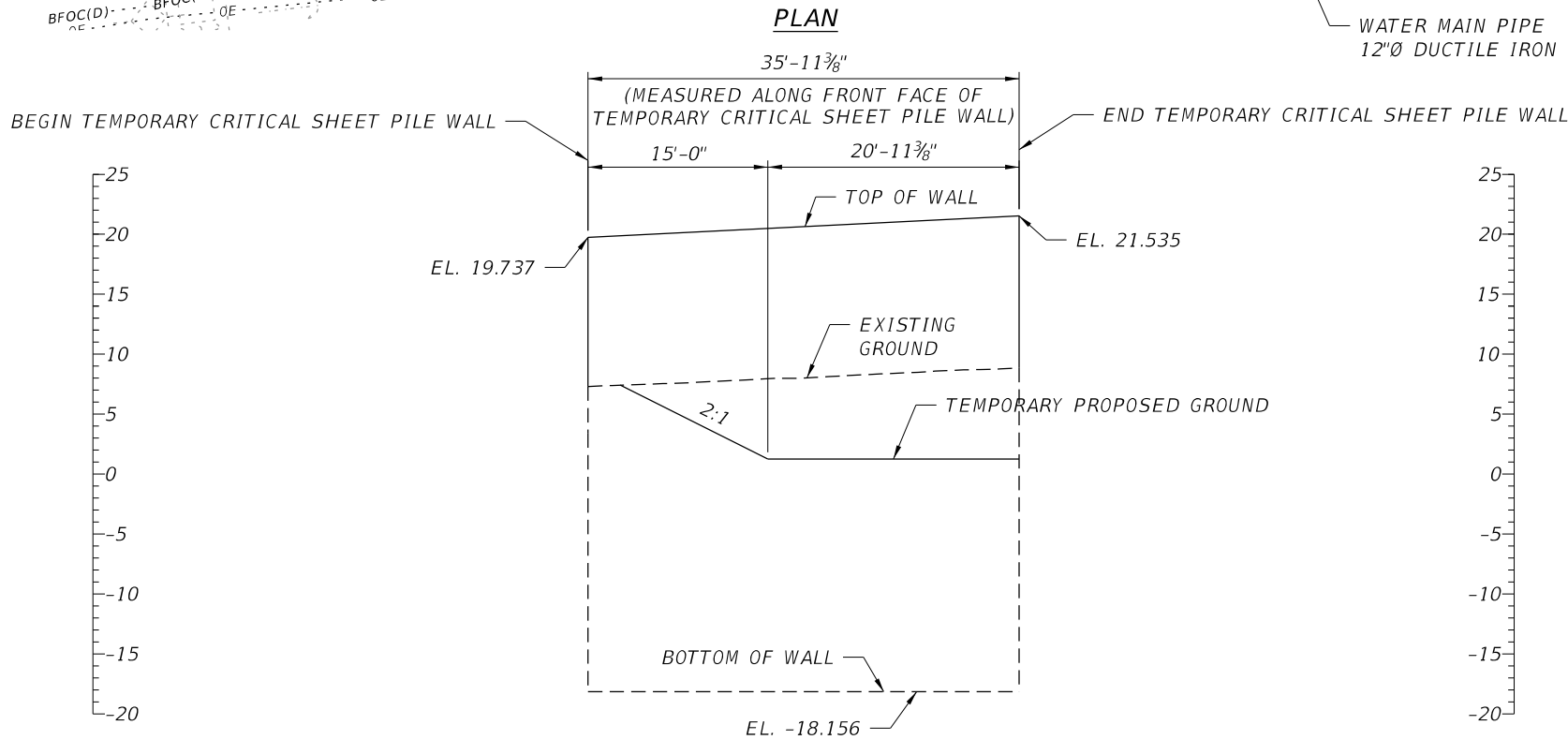
REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: JBH 04-21	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:	TEMPORARY MSE RETAINING WALL DATA TABLES	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: KL 04-21				PROJECT NAME:		ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS
							DESIGNED BY: KL 04-21	ROAD NO.	COUNTY	COUNTY PROJECT No			
							CHECKED BY: SKB 12-19	CR 865	LEE	CN160002			

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



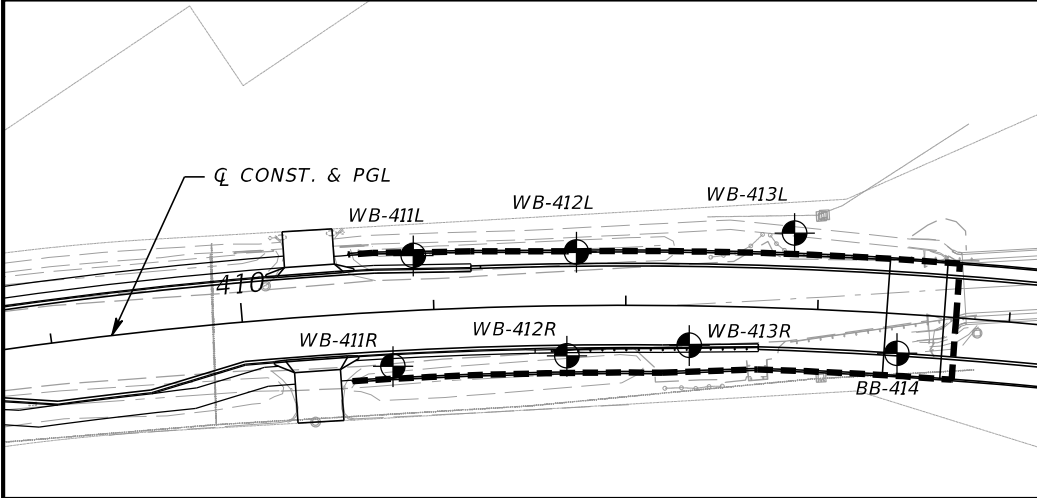
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PI STA. = 411+41.30
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D = 2° 29' 59"
T = 293.28
L = 583.40
R = 2,292.00
PC STA. = 408+48.02
PT STA. = 414+31.41

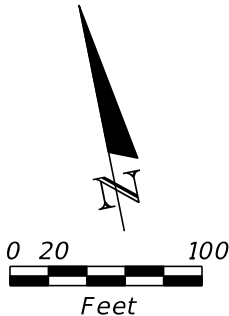


REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: JBH 05-21	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: AJL 06-19				TEMPORARY CRITICAL SHEET PILE WALL		
							DESIGNED BY: DAA 06-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.	
						CHECKED BY: JHD 06-19	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	BW - 10		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



BORING LOCATION PLAN



	GRAY TO BROWN FINE SAND TO SAND WITH SILT (SP/SP-SM)		GRAY TO BROWN SHELLY SAND (SP/SP-SM)
	GRAY TO BROWN SILTY SAND (SM)		GRAY TO DARK GRAY INDURATED CLAY (CL/CH)
	WEATHERED LIMESTONE/CAPROCK TO CALCAREOUS CLAY		DARK BROWN ORGANIC SAND TO ORGANIC SILTY SAND TO PEAT (Pt)

RECOMMENDED ENVIRONMENTAL CLASSIFICATION:

SUBSTRUCTURE	CONCRETE: EXTREMELY AGGRESSIVE
SUBSTRUCTURE	STEEL: EXTREMELY AGGRESSIVE
SUPERSTRUCTURE	EXTREMELY AGGRESSIVE

NOTE:

BORING LOCATIONS AND ELEVATIONS DENOTED WITH AN ASTERISK "*" WERE PROVIDED BY THE PROJECT SURVEYOR. ALL OTHER BORING LOCATIONS AND ELEVATIONS WERE DETERMINED USING PROJECT DESIGN FILES PROVIDED BY KISINGER CAMPO AND ASSOCIATES, CORP. IN CONJUNCTION WITH GPS COORDINATES OBTAINED BY TIERRA, INC. IN THE FIELD AND SHOULD BE CONSIDERED APPROXIMATE.

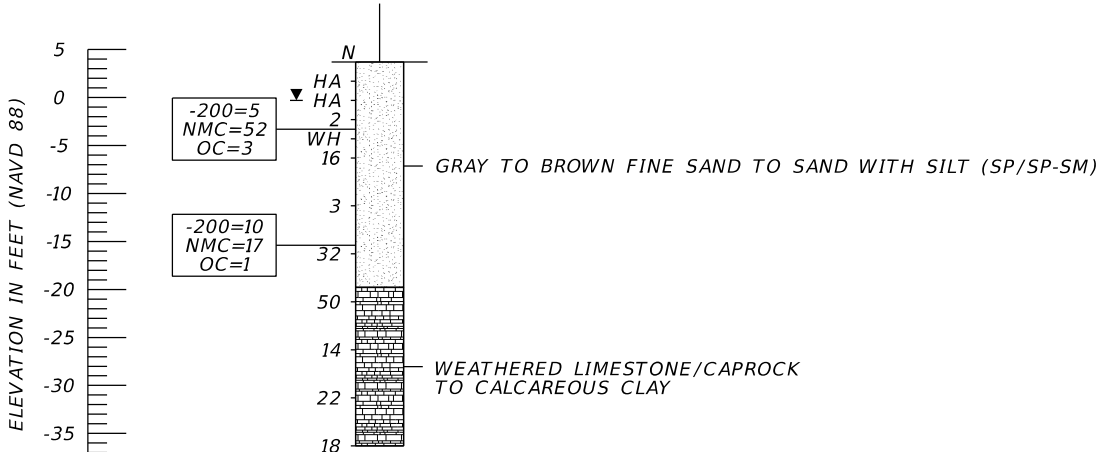
SP	UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
N	NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
50/4	NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
HA	HAND AUGERED TO VERIFY UTILITY CLEARANCE
WH	SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD AND HAMMER
-200	PERCENT PASSING #200 SIEVE
NMC	NATURAL MOISTURE CONTENT (%)
LL	LIQUID LIMIT (%)
PI	PLASTICITY INDEX (%)
OC	ORGANIC CONTENT (%)
NP	NON-PLASTIC

NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988

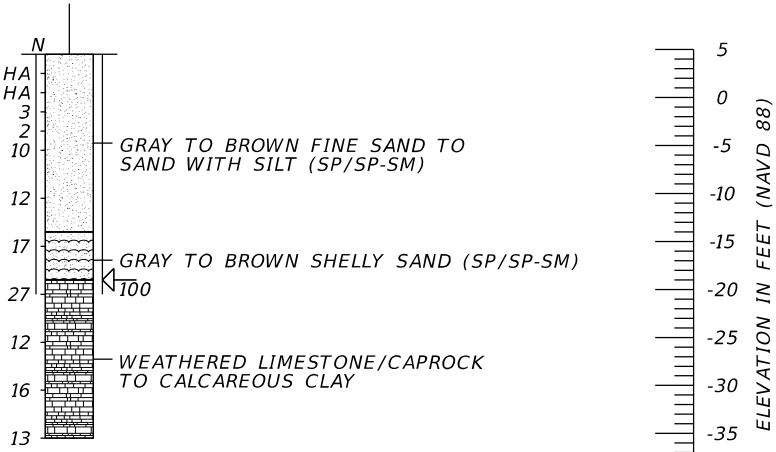
	APPROXIMATE SPT BORING LOCATION
	GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
	LOSS OF CIRCULATION OF DRILLING FLUID (%)
	CASING
P	ASPHALT PAVEMENT AND/OR BASE MATERIAL
T	BORINGS PROFILE TRUNCATED FOR CLARITY. FOR FULL BORING PROFILE PLEASE REFER TO THE BRIDGE REPORT OF CORE BORINGS SHEETS.

BOR # WB-411L*
STA. 410+91
REF. CL CONST.
OFF. 29' LT
ELEV. 3.7
DATE 11/22/2019
DRILLER I. POORAN
HAMMER AUTOMATIC
RIG D-25

BOR # WB-411R*
STA. 410+77
REF. CL CONST.
OFF. 28' RT
ELEV. 4.5
DATE 11/22/2019
DRILLER I. POORAN
HAMMER AUTOMATIC
RIG D-25



BORING TERMINATED AT
ELEVATION -36.3 FT (NAVD 88)
LATITUDE: N 26.40485
LONGITUDE: W 81.88403

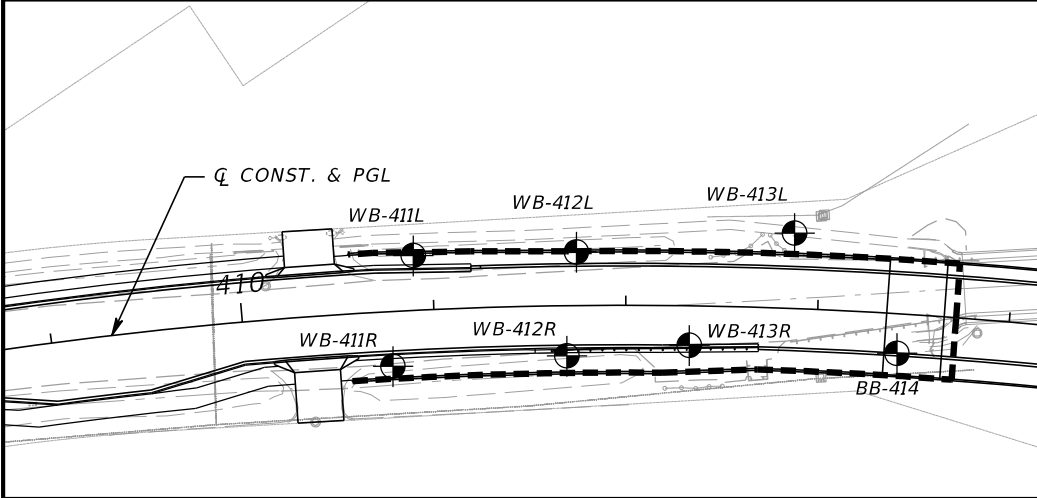


BORING TERMINATED AT
ELEVATION -35.5 FT (NAVD 88)
LATITUDE: N 26.40470
LONGITUDE: W 81.88409

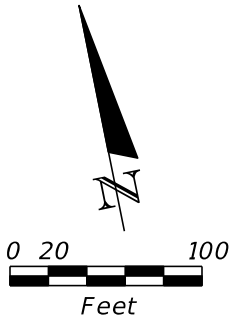
	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS- RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

MSE WALL NO. 1

REVISIONS						ERICK M. FREDERICK, P.E. P.E. LICENSE NUMBER 63920 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	DRAWN BY: BJS CHECKED BY: FM DESIGNED BY: BJS CHECKED BY: TEM	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: REPORT OF CORE BORINGS (1)		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:		SHEET NO.
								CR 865	LEE	CN16002	CR 865 (ESTERO BOULEVARD) OVER BIG CARLOS PASS		
													BW-11



BORING LOCATION PLAN



- GRAY TO BROWN FINE SAND TO SAND WITH SILT (SP/SP-SM)
- GRAY TO BROWN SILTY SAND (SM)
- WEATHERED LIMESTONE/CAPROCK TO CALCAREOUS CLAY

- GRAY TO BROWN SHELLY SAND (SP/SP-SM)
- GRAY TO DARK GRAY INDURATED CLAY (CL/CH)
- DARK BROWN ORGANIC SAND TO ORGANIC SILTY SAND TO PEAT (Pt)

RECOMMENDED ENVIRONMENTAL CLASSIFICATION:

- SUBSTRUCTURE CONCRETE: EXTREMELY AGGRESSIVE
- SUBSTRUCTURE STEEL: EXTREMELY AGGRESSIVE
- SUPERSTRUCTURE EXTREMELY AGGRESSIVE

NOTE:

BORING LOCATIONS AND ELEVATIONS DENOTED WITH AN ASTERISK "*" WERE PROVIDED BY THE PROJECT SURVEYOR. ALL OTHER BORING LOCATIONS AND ELEVATIONS WERE DETERMINED USING PROJECT DESIGN FILES PROVIDED BY KISINGER CAMPO AND ASSOCIATES, CORP. IN CONJUNCTION WITH GPS COORDINATES OBTAINED BY TIERRA, INC. IN THE FIELD AND SHOULD BE CONSIDERED APPROXIMATE.

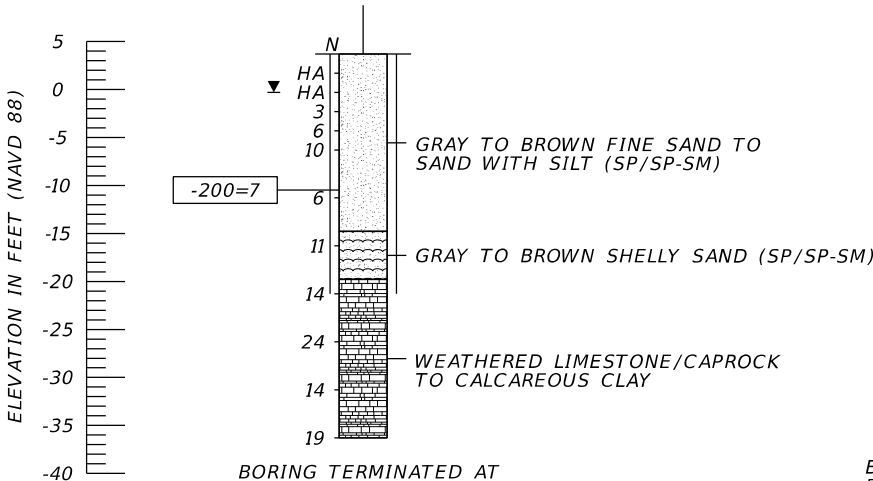
- SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- 50/4 NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- WH SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD AND HAMMER
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- OC ORGANIC CONTENT (%)
- NP NON-PLASTIC

NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988

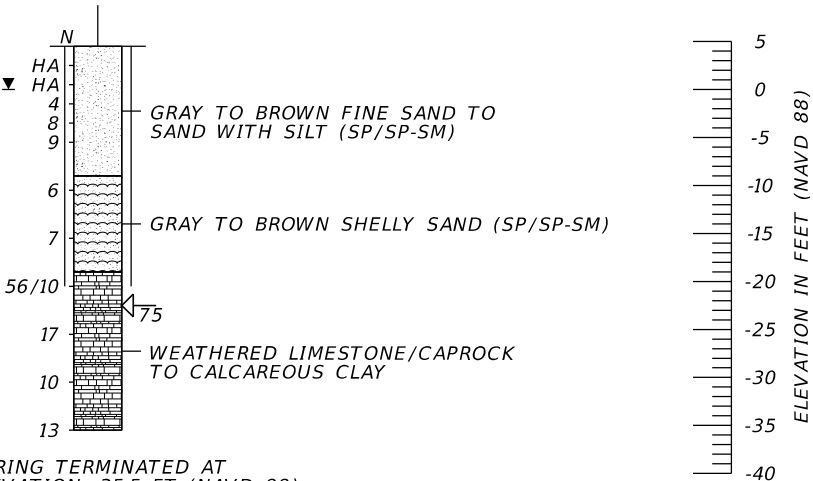
- APPROXIMATE SPT BORING LOCATION
- GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- 100 LOSS OF CIRCULATION OF DRILLING FLUID (%)
- CASING
- P ASPHALT PAVEMENT AND/OR BASE MATERIAL
- T BORINGS PROFILE TRUNCATED FOR CLARITY. FOR FULL BORING PROFILE PLEASE REFER TO THE BRIDGE REPORT OF CORE BORINGS SHEETS.

BOR # WB-412L*
STA. 411+75
REF. Q CONST.
OFF. 28' LT
ELEV. 3.7
DATE 11/22/2019
DRILLER I. POORAN
HAMMER AUTOMATIC
RIG D-25

BOR # WB-412R*
STA. 411+69
REF. Q CONST.
OFF. 26' RT
ELEV. 4.5
DATE 11/24/2019
DRILLER I. POORAN
HAMMER AUTOMATIC
RIG D-25



BORING TERMINATED AT ELEVATION -36.3 FT (NAVD 88)
LATITUDE: N 26.40481
LONGITUDE: W 81.88377

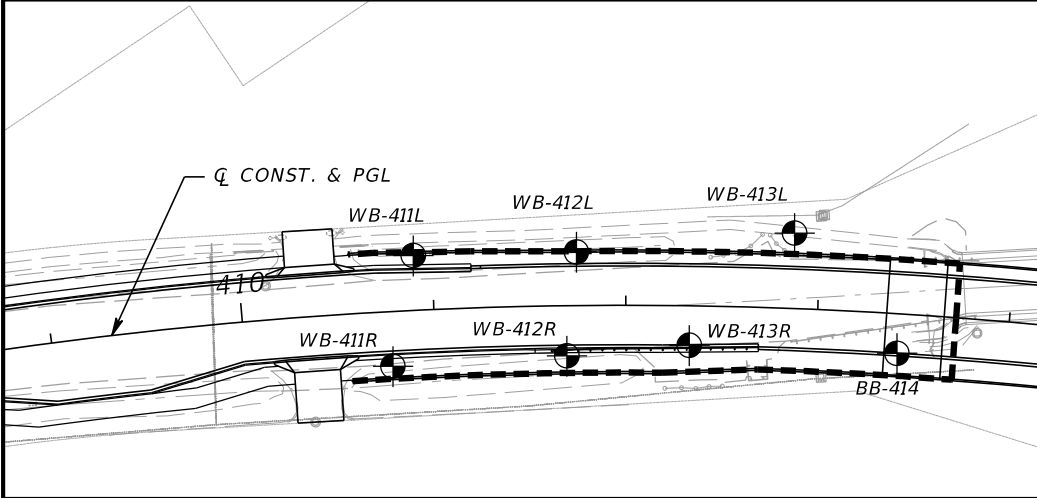


BORING TERMINATED AT ELEVATION -35.5 FT (NAVD 88)
LATITUDE: N 26.40466
LONGITUDE: W 81.88382

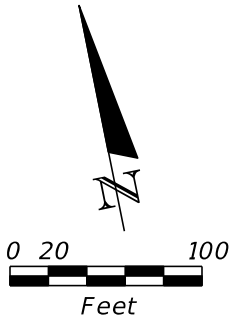
	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS- RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

MSE WALL NO. 1

REVISIONS						ERICK M. FREDERICK, P.E. P.E. LICENSE NUMBER 63920 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	DRAWN BY: BJS CHECKED BY: FM DESIGNED BY: BJS CHECKED BY: TEM	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: REPORT OF CORE BORINGS (2)		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:		
								CR 865	LEE	CN16002	CR 865 (ESTERO BOULEVARD) OVER BIG CARLOS PASS		SHEET NO.
													BW-12



BORING LOCATION PLAN



- GRAY TO BROWN FINE SAND TO SAND WITH SILT (SP/SP-SM)
- GRAY TO BROWN SILTY SAND (SM)
- WEATHERED LIMESTONE/CAPROCK TO CALCAREOUS CLAY

- GRAY TO BROWN SHELLY SAND (SP/SP-SM)
- GRAY TO DARK GRAY INDURATED CLAY (CL/CH)
- DARK BROWN ORGANIC SAND TO ORGANIC SILTY SAND TO PEAT (Pt)

RECOMMENDED ENVIRONMENTAL CLASSIFICATION:

- SUBSTRUCTURE CONCRETE: EXTREMELY AGGRESSIVE
- SUBSTRUCTURE STEEL: EXTREMELY AGGRESSIVE
- SUPERSTRUCTURE EXTREMELY AGGRESSIVE

NOTE:

BORING LOCATIONS AND ELEVATIONS DENOTED WITH AN ASTERISK "*" WERE PROVIDED BY THE PROJECT SURVEYOR. ALL OTHER BORING LOCATIONS AND ELEVATIONS WERE DETERMINED USING PROJECT DESIGN FILES PROVIDED BY KISINGER CAMPO AND ASSOCIATES, CORP. IN CONJUNCTION WITH GPS COORDINATES OBTAINED BY TIERRA, INC. IN THE FIELD AND SHOULD BE CONSIDERED APPROXIMATE.

- SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- 50/4 NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- WH SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD AND HAMMER
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- OC ORGANIC CONTENT (%)
- NP NON-PLASTIC

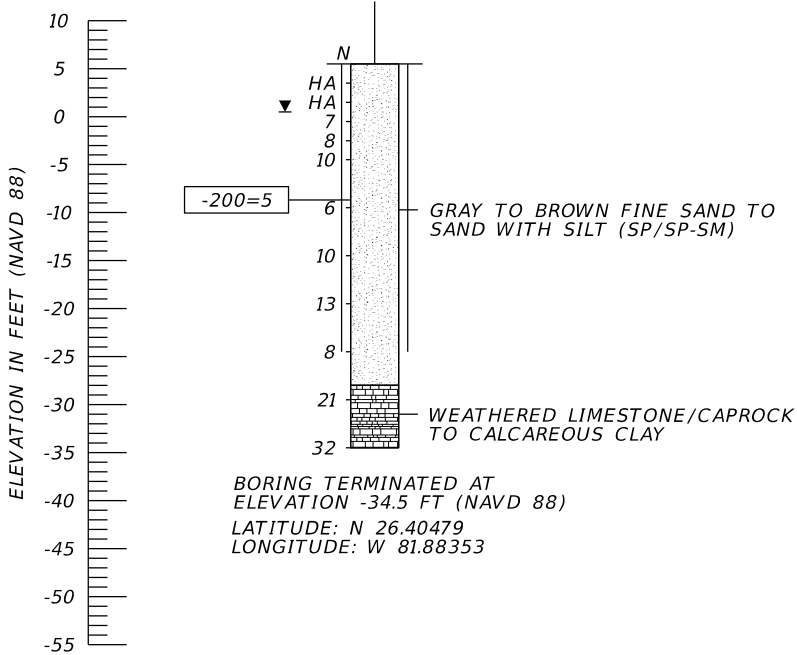
NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988

- APPROXIMATE SPT BORING LOCATION
- GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- 100 LOSS OF CIRCULATION OF DRILLING FLUID (%)
- CASING
- P ASPHALT PAVEMENT AND/OR BASE MATERIAL
- T BORINGS PROFILE TRUNCATED FOR CLARITY. FOR FULL BORING PROFILE PLEASE REFER TO THE BRIDGE REPORT OF CORE BORINGS SHEETS.

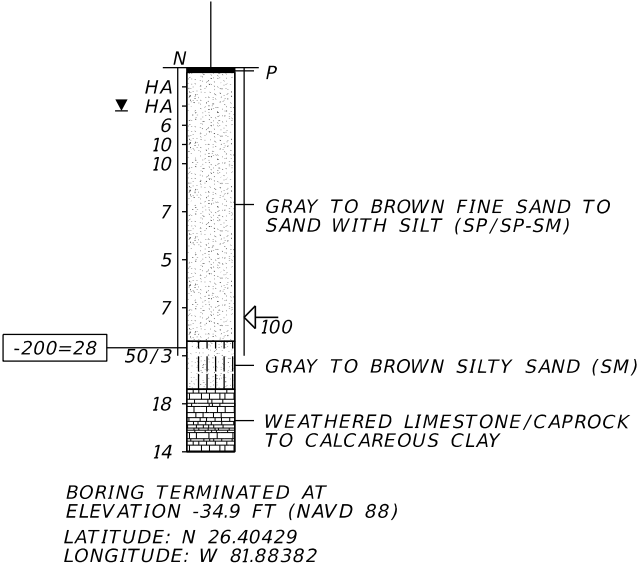
BOR # WB-413L*
STA. 412+85
REF. CL CONST.
OFF. 40' LT
ELEV. 5.5
DATE 11/21/2019
DRILLER I. POORAN
HAMMER AUTOMATIC
RIG D-25

BOR # WB-413R
STA. 412+31
REF. CL CONST.
OFF. 19' RT
ELEV. 5.1
DATE 11/24/2019
DRILLER I. POORAN
HAMMER AUTOMATIC
RIG D-25

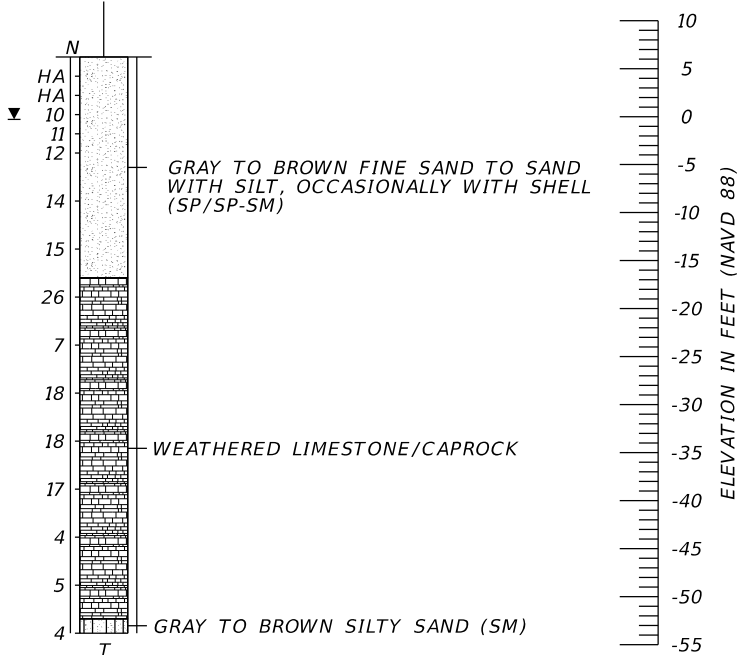
BOR # BB-414
STA. 413+40
REF. CL CONST.
OFF. 21' RT
ELEV. 6.2
DATE 7/21/2019
DRILLER I. POORAN
HAMMER AUTOMATIC
RIG D-25



BORING TERMINATED AT
ELEVATION -34.5 FT (NAVD 88)
LATITUDE: N 26.40479
LONGITUDE: W 81.88353



BORING TERMINATED AT
ELEVATION -34.9 FT (NAVD 88)
LATITUDE: N 26.40429
LONGITUDE: W 81.88382

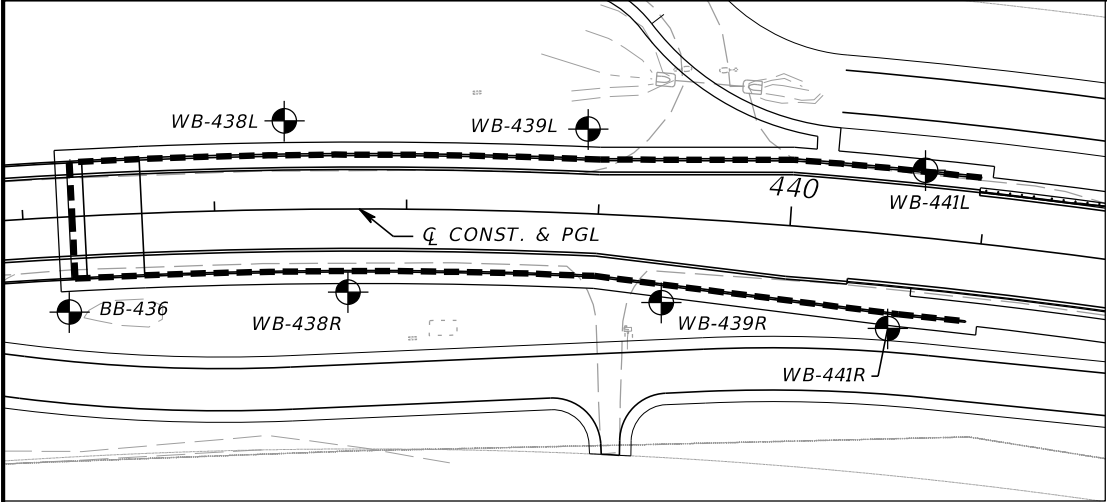


BORING TERMINATED AT
ELEVATION -53.8 FT (NAVD 88)
LATITUDE: N 26.40457
LONGITUDE: W 81.88330

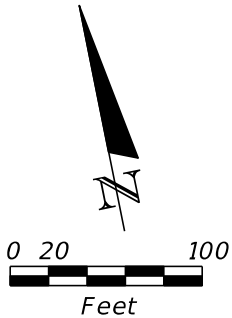
	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS- RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

MSE WALL NO. 1

REVISIONS						ERICK M. FREDERICK, P.E. P.E. LICENSE NUMBER 63920 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	DRAWN BY: BJS	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: REPORT OF CORE BORINGS (3)		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: FM						REF.
							DESIGNED BY: BJS	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.	
							CHECKED BY: TEM	CR 865	LEE	CN16002	CR 865 (ESTERO BOULEVARD) OVER BIG CARLOS PASS	BW-13	



BORING LOCATION PLAN



	GRAY TO BROWN FINE SAND TO SAND WITH SILT (SP/SP-SM)		GRAY TO BROWN SHELLY SAND (SP/SP-SM)
	GRAY TO BROWN SILTY SAND (SM)		GRAY TO DARK GRAY INDURATED CLAY (CL/CH)
	WEATHERED LIMESTONE/CAPROCK TO CALCAREOUS CLAY		DARK BROWN ORGANIC SAND TO ORGANIC SILTY SAND TO PEAT (Pt)

RECOMMENDED ENVIRONMENTAL CLASSIFICATION:

SUBSTRUCTURE CONCRETE: EXTREMELY AGGRESSIVE
SUBSTRUCTURE STEEL: EXTREMELY AGGRESSIVE
SUPERSTRUCTURE EXTREMELY AGGRESSIVE

NOTE:

BORING LOCATIONS AND ELEVATIONS DENOTED WITH AN ASTERISK "*" WERE PROVIDED BY THE PROJECT SURVEYOR. ALL OTHER BORING LOCATIONS AND ELEVATIONS WERE DETERMINED USING PROJECT DESIGN FILES PROVIDED BY KISINGER CAMPO AND ASSOCIATES, CORP. IN CONJUNCTION WITH GPS COORDINATES OBTAINED BY TIERRA, INC. IN THE FIELD AND SHOULD BE CONSIDERED APPROXIMATE.

SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.

N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).

50/4 NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION

HA HAND AUGERED TO VERIFY UTILITY CLEARANCE

WH SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD AND HAMMER

-200 PERCENT PASSING #200 SIEVE
NMC NATURAL MOISTURE CONTENT (%)
LL LIQUID LIMIT (%)
PI PLASTICITY INDEX (%)
OC ORGANIC CONTENT (%)
NP NON-PLASTIC

NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988

APPROXIMATE SPT BORING LOCATION

GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS

LOSS OF CIRCULATION OF DRILLING FLUID (%)

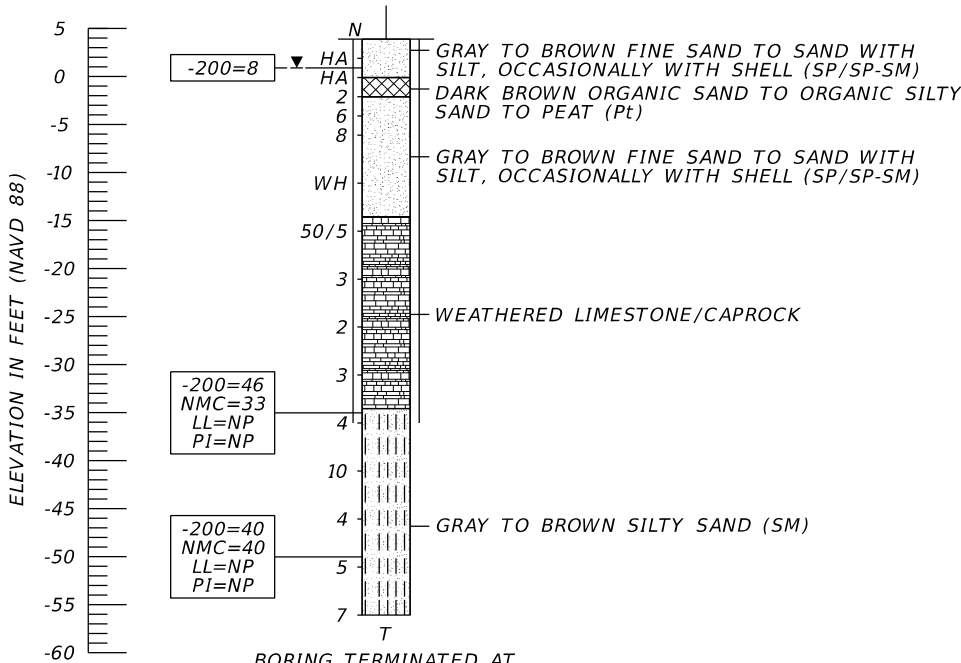
CASING

P ASPHALT PAVEMENT AND/OR BASE MATERIAL

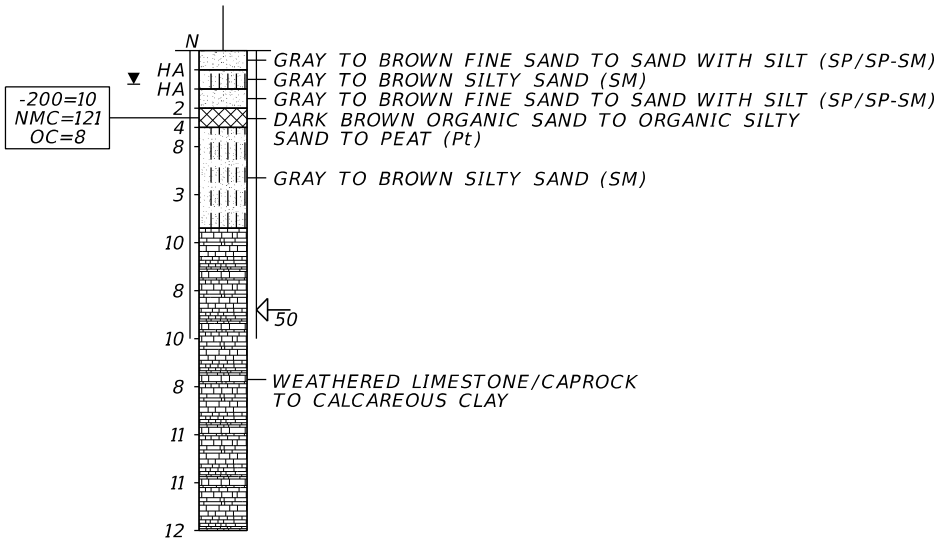
T BORINGS PROFILE TRUNCATED FOR CLARITY. FOR FULL BORING PROFILE PLEASE REFER TO THE BRIDGE REPORT OF CORE BORINGS SHEETS.

BOR # BB-436*
STA. 436+19
REF. Q CONST.
OFF. 48' RT.
ELEV. 3.9
DATE 12/10/2019
DRILLER D. STAKELIN
HAMMER AUTOMATIC
RIG D-25

BOR # WB-438L*
STA. 437+37
REF. Q CONST.
OFF. 46' LT
ELEV. 2.7
DATE 11/20/2019
DRILLER I. POORAN
HAMMER AUTOMATIC
RIG D-25



BORING TERMINATED AT ELEVATION -56.1 FT (NAVD 88)
LATITUDE: N 26.40364
LONGITUDE: W 81.87643

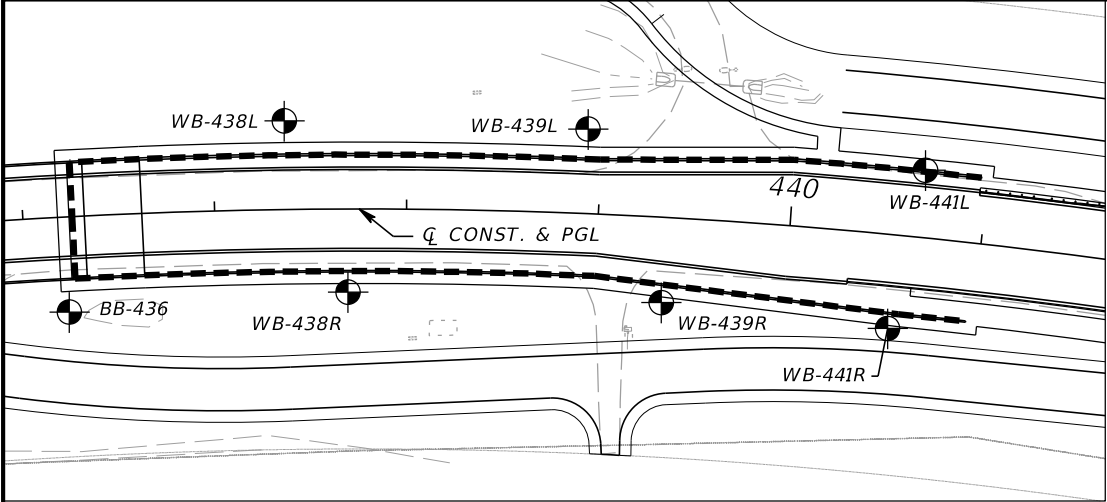


BORING TERMINATED AT ELEVATION -47.3 FT (NAVD 88)
LATITUDE: N 26.40385
LONGITUDE: W 81.87603

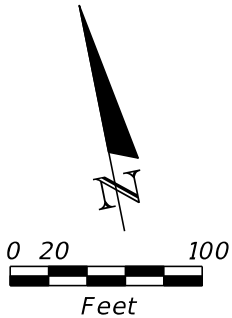
	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS- RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

MSE WALL NO. 2

REVISIONS						ERICK M. FREDERICK, P.E. P.E. LICENSE NUMBER 63920 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	DRAWN BY: BJS	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: REPORT OF CORE BORINGS (4)		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: FM						
							DESIGNED BY: BJS	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.	
							CHECKED BY: TEM	CR 865	LEE	CN16002	CR 865 (ESTERO BOULEVARD) OVER BIG CARLOS PASS	BW-14	



BORING LOCATION PLAN



RECOMMENDED ENVIRONMENTAL CLASSIFICATION:

SUBSTRUCTURE CONCRETE: EXTREMELY AGGRESSIVE
SUBSTRUCTURE STEEL: EXTREMELY AGGRESSIVE
SUPERSTRUCTURE EXTREMELY AGGRESSIVE

NOTE:

BORING LOCATIONS AND ELEVATIONS DENOTED WITH AN ASTERISK "*" WERE PROVIDED BY THE PROJECT SURVEYOR. ALL OTHER BORING LOCATIONS AND ELEVATIONS WERE DETERMINED USING PROJECT DESIGN FILES PROVIDED BY KISINGER CAMPO AND ASSOCIATES, CORP. IN CONJUNCTION WITH GPS COORDINATES OBTAINED BY TIERRA, INC. IN THE FIELD AND SHOULD BE CONSIDERED APPROXIMATE.

LEGEND

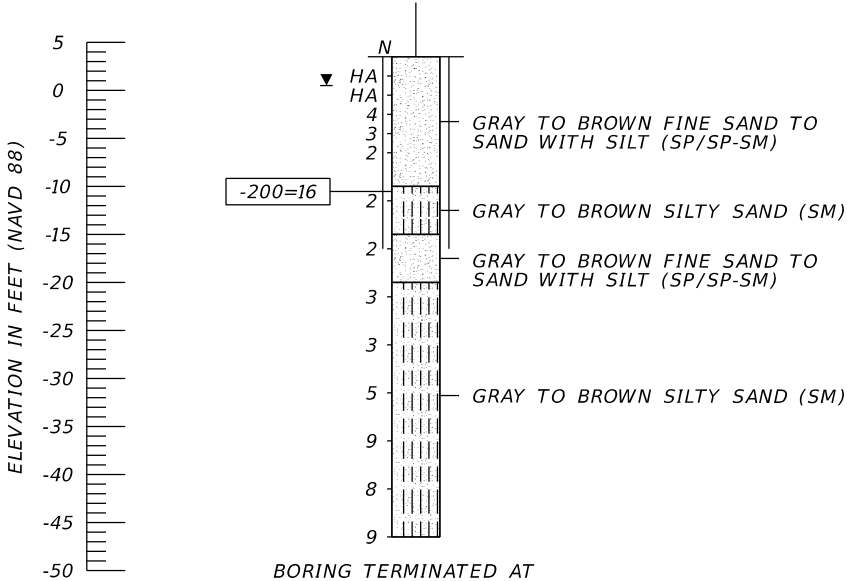
- GRAY TO BROWN FINE SAND TO SAND WITH SILT (SP/SP-SM)
- GRAY TO BROWN SILTY SAND (SM)
- WEATHERED LIMESTONE/CAPROCK TO CALCAREOUS CLAY
- GRAY TO BROWN SHELLY SAND (SP/SP-SM)
- GRAY TO DARK GRAY INDURATED CLAY (CL/CH)
- DARK BROWN ORGANIC SAND TO ORGANIC SILTY SAND TO PEAT (Pt)

- SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- 50/4 NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- WH SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD AND HAMMER
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- OC ORGANIC CONTENT (%)
- NP NON-PLASTIC

NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988

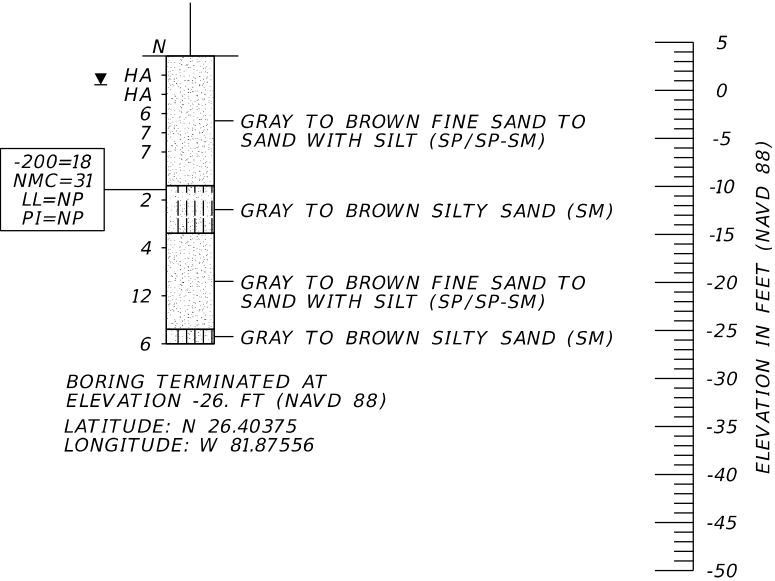
- APPROXIMATE SPT BORING LOCATION
- GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- LOSS OF CIRCULATION OF DRILLING FLUID (%)
- CASING
- P ASPHALT PAVEMENT AND/OR BASE MATERIAL
- T BORINGS PROFILE TRUNCATED FOR CLARITY. FOR FULL BORING PROFILE PLEASE REFER TO THE BRIDGE REPORT OF CORE BORINGS SHEETS.

BOR # WB-438R*
STA. 437+72
REF. Q CONST.
OFF. 40' RT
ELEV. 3.5
DATE 11/22/2019
DRILLER D. STAKELIN
HAMMER AUTOMATIC
RIG CME 55



BORING TERMINATED AT ELEVATION -46.5 FT (NAVD 88)
LATITUDE: N 26.40360
LONGITUDE: W 81.87598

BOR # WB-439L*
STA. 438+93
REF. Q CONST.
OFF. 44' LT
ELEV. 3.6
DATE 11/19/2019
DRILLER I. POORAN
HAMMER AUTOMATIC
RIG D-25



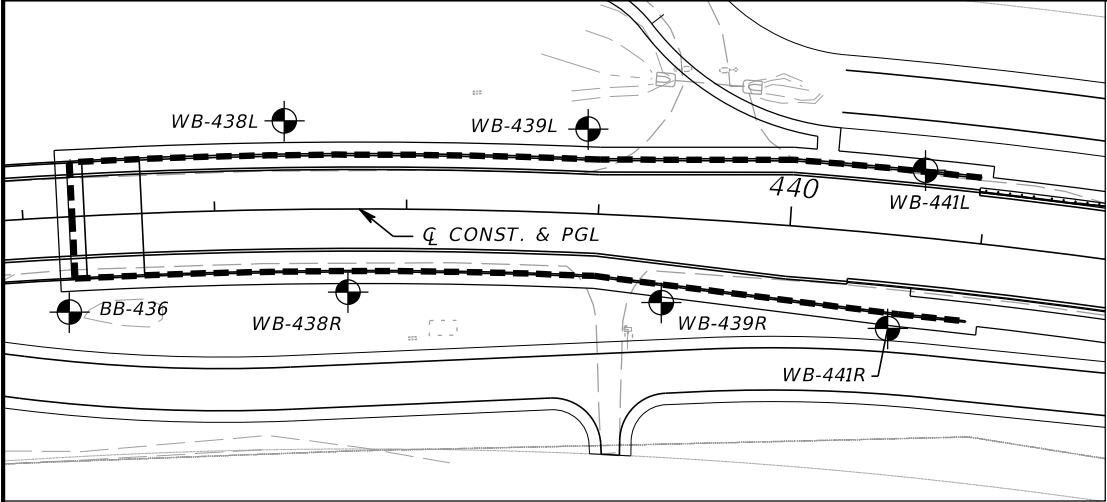
BORING TERMINATED AT ELEVATION -26. FT (NAVD 88)
LATITUDE: N 26.40375
LONGITUDE: W 81.87556

	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS- RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE LOOSE MEDIUM DENSE DENSE VERY DENSE	LESS THAN 4 4 to 10 10 to 30 30 to 50 GREATER THAN 50	LESS THAN 3 3 to 8 8 to 24 24 to 40 GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT SOFT FIRM STIFF VERY STIFF HARD	LESS THAN 2 2 to 4 4 to 8 8 to 15 15 to 30 GREATER THAN 30	LESS THAN 1 1 to 3 3 to 6 6 to 12 12 to 24 GREATER THAN 24

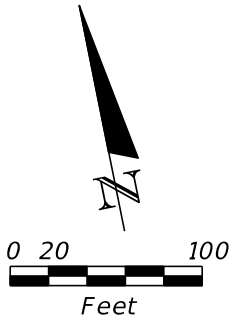
MSE WALL NO. 2

REVISIONS						DRAWN BY: BJS	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: REPORT OF CORE BORINGS (5)		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION							
						CHECKED BY: FM	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME: CR 865 (ESTERO BOULEVARD) OVER BIG CARLOS PASS		SHEET NO. BW-15
						DESIGNED BY: BJS	CR 865	LEE	CN16002			
						CHECKED BY: TEM						

ERICK M. FREDERICK, P.E.
P.E. LICENSE NUMBER 63920
TIERRA, INC.
7351 TEMPLE TERRACE HIGHWAY
TAMPA, FLORIDA 33637



BORING LOCATION PLAN



RECOMMENDED ENVIRONMENTAL CLASSIFICATION:

SUBSTRUCTURE CONCRETE: EXTREMELY AGGRESSIVE
SUBSTRUCTURE STEEL: EXTREMELY AGGRESSIVE
SUPERSTRUCTURE EXTREMELY AGGRESSIVE

NOTE:

BORING LOCATIONS AND ELEVATIONS DENOTED WITH AN ASTERISK "*" WERE PROVIDED BY THE PROJECT SURVEYOR. ALL OTHER BORING LOCATIONS AND ELEVATIONS WERE DETERMINED USING PROJECT DESIGN FILES PROVIDED BY KISINGER CAMPO AND ASSOCIATES, CORP. IN CONJUNCTION WITH GPS COORDINATES OBTAINED BY TIERRA, INC. IN THE FIELD AND SHOULD BE CONSIDERED APPROXIMATE.

LEGEND

- GRAY TO BROWN FINE SAND TO SAND WITH SILT (SP/SP-SM)
- GRAY TO BROWN SILTY SAND (SM)
- WEATHERED LIMESTONE/CAPROCK TO CALCAREOUS CLAY
- GRAY TO BROWN SHELLY SAND (SP/SP-SM)
- GRAY TO DARK GRAY INDURATED CLAY (CL/CH)
- DARK BROWN ORGANIC SAND TO ORGANIC SILTY SAND TO PEAT (Pt)

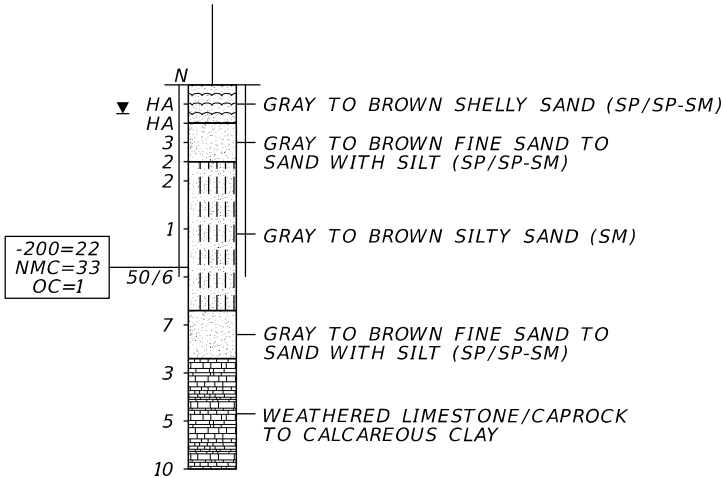
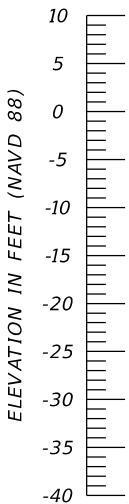
- SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
- N NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
- 50/4 NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
- HA HAND AUGERED TO VERIFY UTILITY CLEARANCE
- WH SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD AND HAMMER
- 200 PERCENT PASSING #200 SIEVE
- NMC NATURAL MOISTURE CONTENT (%)
- LL LIQUID LIMIT (%)
- PI PLASTICITY INDEX (%)
- OC ORGANIC CONTENT (%)
- NP NON-PLASTIC

NAVD 88 NORTH AMERICAN VERTICAL DATUM OF 1988

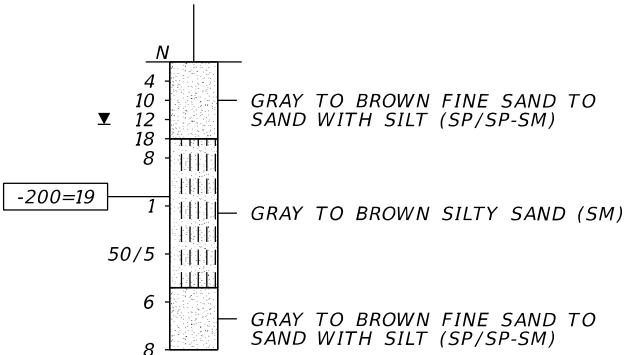
- APPROXIMATE SPT BORING LOCATION
- GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
- 100 LOSS OF CIRCULATION OF DRILLING FLUID (%)
- CASING
- P ASPHALT PAVEMENT AND/OR BASE MATERIAL
- T BORINGS PROFILE TRUNCATED FOR CLARITY. FOR FULL BORING PROFILE PLEASE REFER TO THE BRIDGE REPORT OF CORE BORINGS SHEETS.

BOR # WB-439R*
STA. 439+35
REF. Q CONST.
OFF. 44' RT
ELEV. 3.6
DATE 11/22/2019
DRILLER D. STAKELIN
HAMMER AUTOMATIC
RIG CME 55

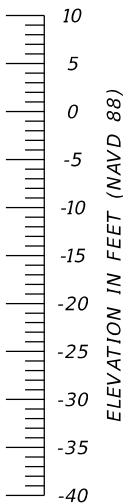
BOR # WB-441L*
STA. 440+67
REF. Q CONST.
OFF. 35' LT
ELEV. 6.0
DATE 11/19/2019
DRILLER I. POORAN
HAMMER AUTOMATIC
RIG D-25



BORING TERMINATED AT
ELEVATION -36.4 FT (NAVD 88)
LATITUDE: N 26.40349
LONGITUDE: W 81.87550



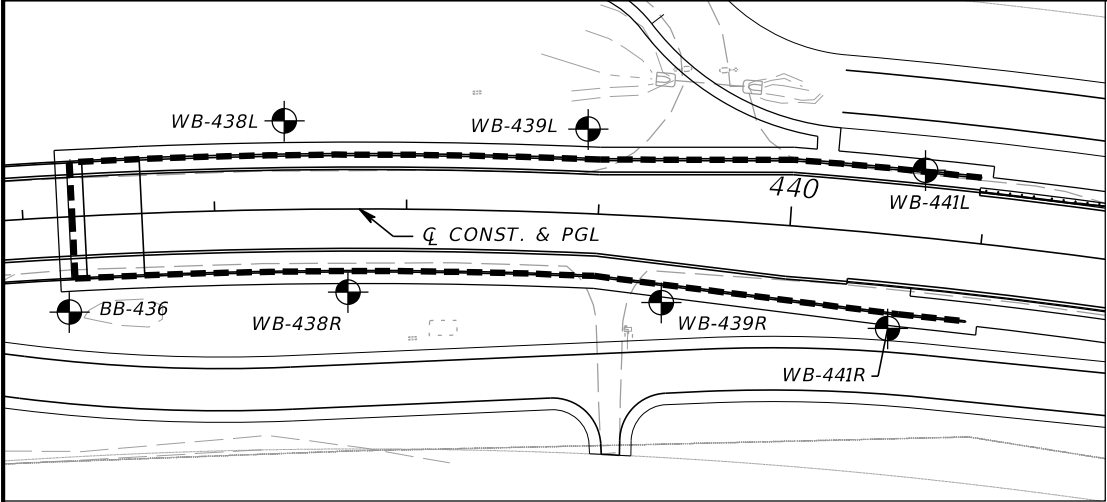
BORING TERMINATED AT
ELEVATION -24.0 FT (NAVD 88)
LATITUDE: N 26.40360
LONGITUDE: W 81.87505



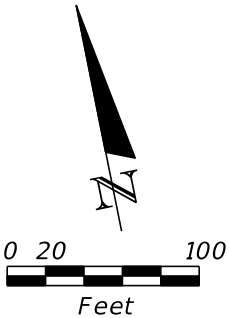
	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS- RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

MSE WALL NO. 2

REVISIONS						ERICK M. FREDERICK, P.E. P.E. LICENSE NUMBER 63920 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	DRAWN BY: BJS CHECKED BY: FM DESIGNED BY: BJS CHECKED BY: TEM	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: REPORT OF CORE BORINGS (6)		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.	
								CR 865	LEE	CN16002	CR 865 (ESTERO BOULEVARD) OVER BIG CARLOS PASS		
												BW-16	



BORING LOCATION PLAN



	GRAY TO BROWN FINE SAND TO SAND WITH SILT (SP/SP-SM)		GRAY TO BROWN SHELLY SAND (SP/SP-SM)
	GRAY TO BROWN SILTY SAND (SM)		GRAY TO DARK GRAY INDURATED CLAY (CL/CH)
	WEATHERED LIMESTONE/CAPROCK TO CALCAREOUS CLAY		DARK BROWN ORGANIC SAND TO ORGANIC SILTY SAND TO PEAT (Pt)

RECOMMENDED ENVIRONMENTAL CLASSIFICATION:

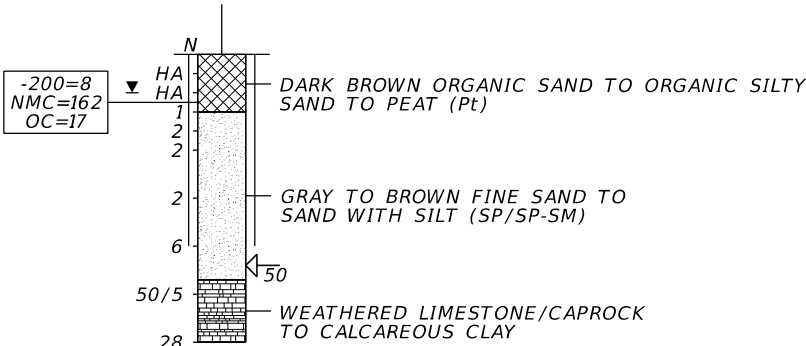
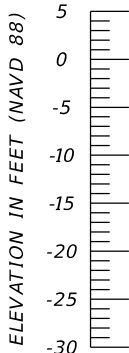
SUBSTRUCTURE	CONCRETE: EXTREMELY AGGRESSIVE
SUBSTRUCTURE	STEEL: EXTREMELY AGGRESSIVE
SUPERSTRUCTURE	EXTREMELY AGGRESSIVE

NOTE:

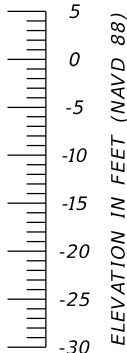
BORING LOCATIONS AND ELEVATIONS DENOTED WITH AN ASTERISK "*" WERE PROVIDED BY THE PROJECT SURVEYOR. ALL OTHER BORING LOCATIONS AND ELEVATIONS WERE DETERMINED USING PROJECT DESIGN FILES PROVIDED BY KISINGER CAMPO AND ASSOCIATES, CORP. IN CONJUNCTION WITH GPS COORDINATES OBTAINED BY TIERRA, INC. IN THE FIELD AND SHOULD BE CONSIDERED APPROXIMATE.

SP	UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
N	NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
50/4	NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
HA	HAND AUGERED TO VERIFY UTILITY CLEARANCE
WH	SPLIT-SPOON SAMPLER ADVANCED UNDER WEIGHT OF ROD AND HAMMER
-200	PERCENT PASSING #200 SIEVE
NMC	NATURAL MOISTURE CONTENT (%)
LL	LIQUID LIMIT (%)
PI	PLASTICITY INDEX (%)
OC	ORGANIC CONTENT (%)
NP	NON-PLASTIC
NAVD 88	NORTH AMERICAN VERTICAL DATUM OF 1988
	APPROXIMATE SPT BORING LOCATION
	GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
	LOSS OF CIRCULATION OF DRILLING FLUID (%)
	CASING
P	ASPHALT PAVEMENT AND/OR BASE MATERIAL
T	BORINGS PROFILE TRUNCATED FOR CLARITY. FOR FULL BORING PROFILE PLEASE REFER TO THE BRIDGE REPORT OF CORE BORINGS SHEETS.

BOR # WB-441R*
STA. 440+56
REF. Q CONST.
OFF. 49' RT
ELEV. 2.5
DATE 11/20/2019
DRILLER I. POORAN
HAMMER AUTOMATIC
RIG D-25



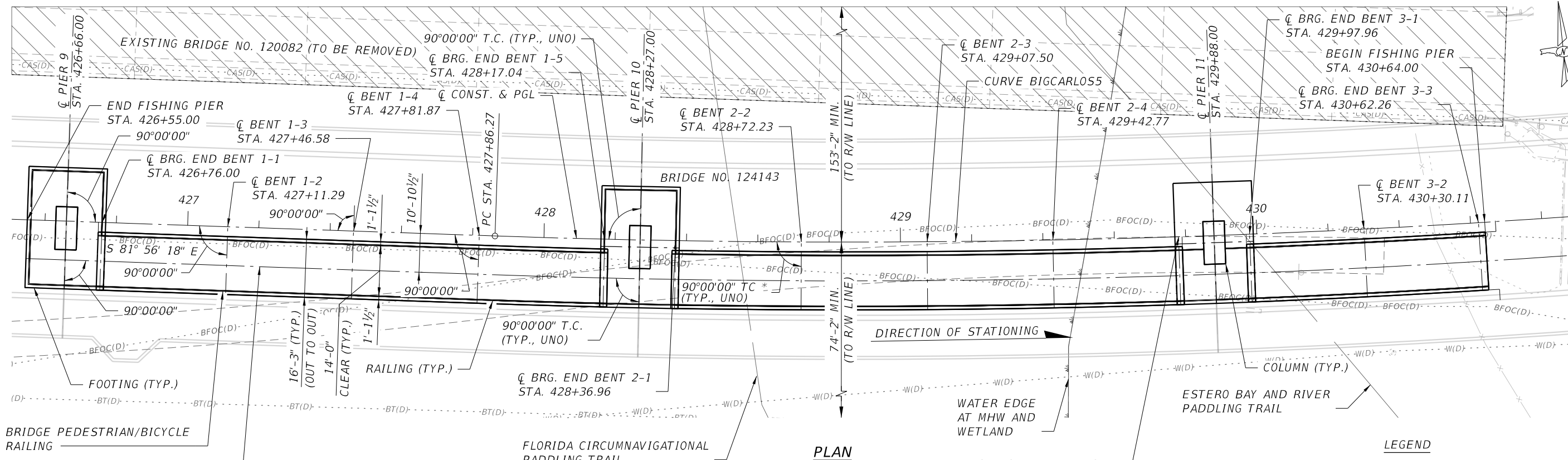
BORING TERMINATED AT
ELEVATION -27.5 FT (NAVD 88)
LATITUDE: N 26.40339
LONGITUDE: W 81.87516



	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS- RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE LOOSE MEDIUM DENSE DENSE VERY DENSE	LESS THAN 4 4 to 10 10 to 30 30 to 50 GREATER THAN 50	LESS THAN 3 3 to 8 8 to 24 24 to 40 GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT SOFT FIRM STIFF VERY STIFF HARD	LESS THAN 2 2 to 4 4 to 8 8 to 15 15 to 30 GREATER THAN 30	LESS THAN 1 1 to 3 3 to 6 6 to 12 12 to 24 GREATER THAN 24

MSE WALL NO. 2

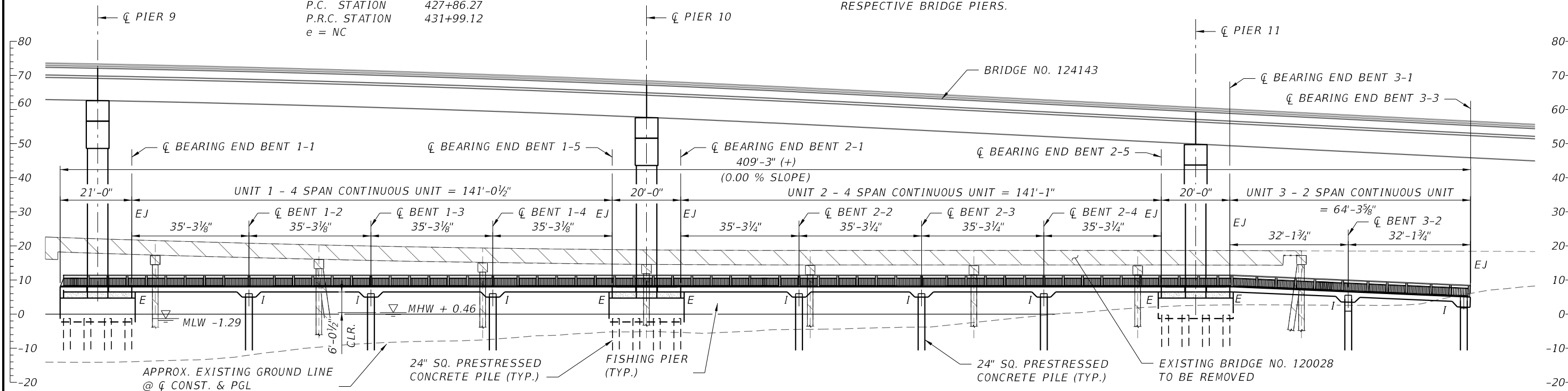
REVISIONS						ERICK M. FREDERICK, P.E. P.E. LICENSE NUMBER 63920 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	DRAWN BY: BJS	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: FM				REPORT OF CORE BORINGS (7)		
							DESIGNED BY: BJS	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME: CR 865 (ESTERO BOULEVARD) OVER BIG CARLOS PASS	SHEET NO.	
							CHECKED BY: TEM	CR 865	LEE	CN16002		BW-17	



CURVE BIGCARLOSS
P.I. STATION 429+93.05
DELTA = 8° 15' 25" (LT)
DEGREE = 2° 00' 00"
TANGENT = 206.78
LENGTH = 412.85
RADIUS = 2,864.78
P.C. STATION 427+86.27
P.R.C. STATION 431+99.12
e = NC

* \angle BEARING FOR END BENTS 1-1, 1-5, 2-1, 2-5 AND 3-1 ARE ALIGNED PARALLEL TO THE FACE OF THE RESPECTIVE BRIDGE PIERS.

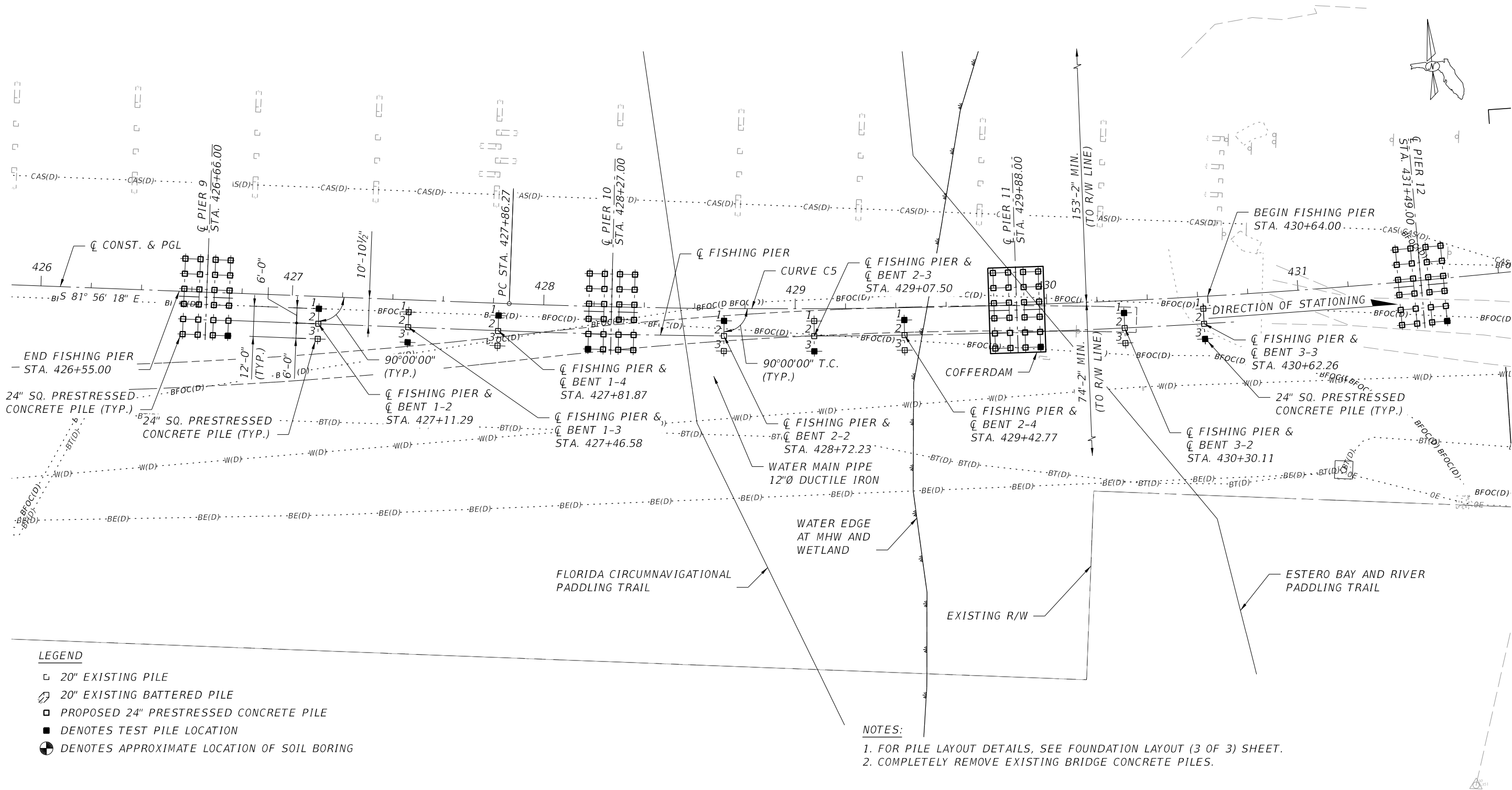
NOTES:
1. ALL DIMENSION ARE MEASURED ALONG \angle CONSTRUCTION & PGL.
2. FOR LIGHT POLE LOCATIONS SEE LIGHTING PLANS.



ELEVATION

BRIDGE NO. 124143

REVISIONS						DRAWN BY: ARF 06-19 CHECKED BY: JHJ 04-21 DESIGNED BY: CEL 06-19 CHECKED BY: AJL 06-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: FISHING PIER PLAN AND ELEVATION	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	COUNTY PROJECT No		
						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B2-1



PLAN

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: JBH 04-21	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: FISHING PIER FOUNDATION LAYOUT		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: JHJ 04-21						
							DESIGNED BY: TGL 12-19	ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:		SHEET NO.
							CHECKED BY: JHJ 04-21	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		B2-2

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

PILE DATA TABLE														Table Date 01/01/16		
INSTALLATION CRITERIA								DESIGN CRITERIA								
PIER or BENT NUMBER	PILE SIZE (in.)	NOMINAL BEARING RESISTANCE (tons)	NOMINAL UPLIFT RESISTANCE (tons)	MINIMUM TIP ELEVATION (ft.)	TEST PILE LENGTH (ft.)	REQUIRED JET ELEVATION (ft.)	REQUIRED PREFORM ELEVATION (ft.)	FACTORED DESIGN LOAD (tons)	FACTORED DESIGN UPLIFT LOAD (tons)	DOWN DRAG (tons)	TOTAL SCOUR RESISTANCE (tons)	NET SCOUR RESISTANCE (tons)	100-YEAR SCOUR ELEVATION (ft.)	Ø COMPRESSION	Ø UPLIFT	PILE CUT-OFF ELEVATIONS
BENT 1-2	24	200	99	-144	170	N/A	-48	130	54	N/A	24	0	-27	0.65	0.55	5.915
BENT 1-3	24	210	90	-137	165	N/A	-48	136	49	N/A	68	0	-27	0.65	0.55	5.915
BENT 1-4	24	200	99	-132	160	N/A	-43	130	54	N/A	68	0	-27	0.65	0.55	5.915
BENT 2-2	24	207	97	-152	180	N/A	-43	134	53	N/A	68	0	-27	0.65	0.55	5.915
BENT 2-3	24	202	88	-127	155	N/A	-43	131	48	N/A	33	0	-22	0.65	0.55	5.915
BENT 2-4	24	208	97	-105	155	N/A	-63	135	53	N/A	55	0	-25	0.65	0.55	5.915
BENT 3-2	24	85	102	-90	120	N/A	-63	55	56	N/A	28	0	-25	0.65	0.55	5.915
BENT 3-3	24	47	40	-70	100	N/A	-63	30	22	N/A	28	0	-25	0.65	0.55	5.915

$$\frac{\text{Factored Design Load} + \text{Net Scour Resistance} + \text{Down Drag}}{\phi} \leq \text{Nominal Bearing Resistance}$$

UPLIFT RESISTANCE - The ultimate side friction capacity that must be obtained below the 100 year scour elevation to resist pullout of the pile (Specify only when design requires uplift capacity).

TOTAL SCOUR RESISTANCE - An estimate of the ultimate static side friction resistance provided by the scourable soil.

NET SCOUR RESISTANCE - An estimate of the ultimate static side friction resistance provided by the soil from the required preformed or jetting elevation to the scour elevation.

100-YEAR SCOUR ELEVATION - Estimated elevation of scour due to the 100 year storm event.

The contractor should anticipate the use of specialized equipment and/or methods including, but not limited to, core barrels, rock augers, punches, drill bits, etc. to complete preforming. If drilling equipment with a tapered end is used to construct the preformed pile holes, the maximum diameter of the drilling equipment has to reach the required preformed elevation.

Do not advance preformed pile holes deeper than the preformed elevations shown in the table without approval of the engineer. If actual preforming elevations differ from those shown in the table, the engineer shall determine the required driving resistance.

PILE INSTALLATION NOTES [Notes Date 7-01-13]:

Contractor to verify location of all utilities prior to any pile installation activities.

Minimum Tip Elevation is required for lateral stability.

When a required jetting elevation is shown, the jet shall be lowered to the elevation and continue to operate at this elevation until the pile driving is completed. If jetting or preforming elevations differ from those shown on the table, the Engineer shall be responsible for determination of the required driving resistance.

No jetting will be allowed without the approval of the Engineer.

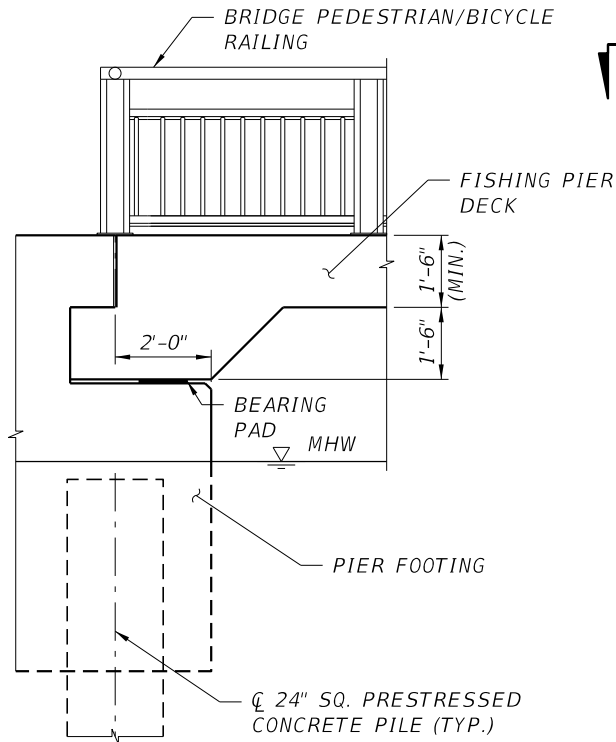
The Contractor should not anticipate being allowed to jet piles below the 100-year scour elevation or required jet elevation, whichever is deeper.

For pile groups, pile driving is to commence at the center of the group and proceed outward.

BRIDGE NO. 124143

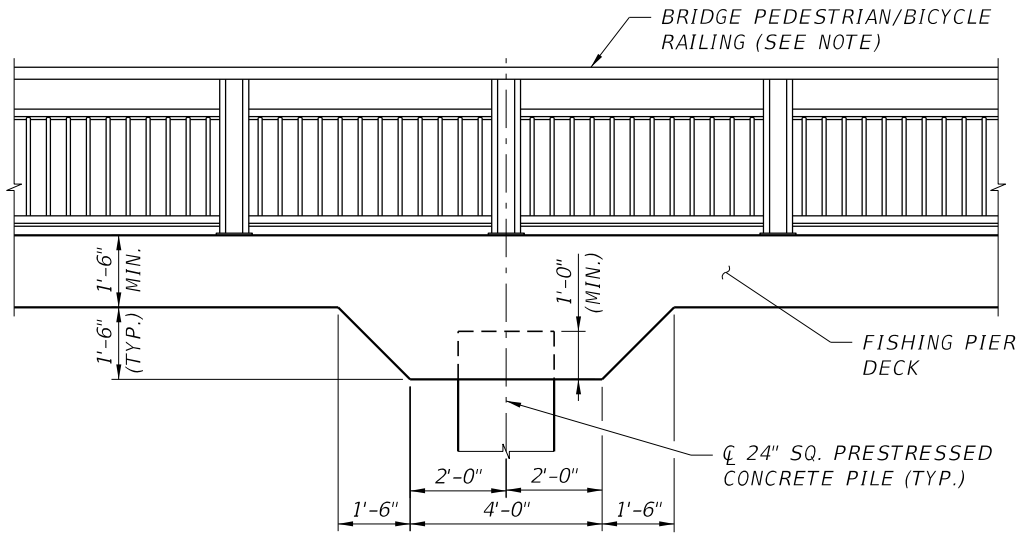
REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: SKB 04-21		LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.		
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: DAA 04-21					FISHING PIER PILE DATA TABLE				
							DESIGNED BY: SKB 04-21		ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.			
							CHECKED BY: DAA 04-21		CR 865	LEE	CN160002				ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B2-3

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

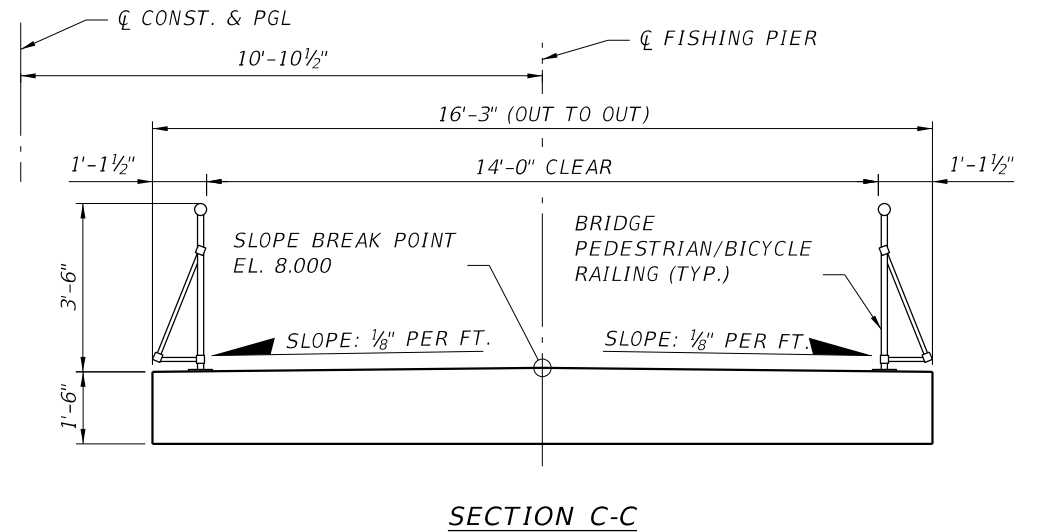
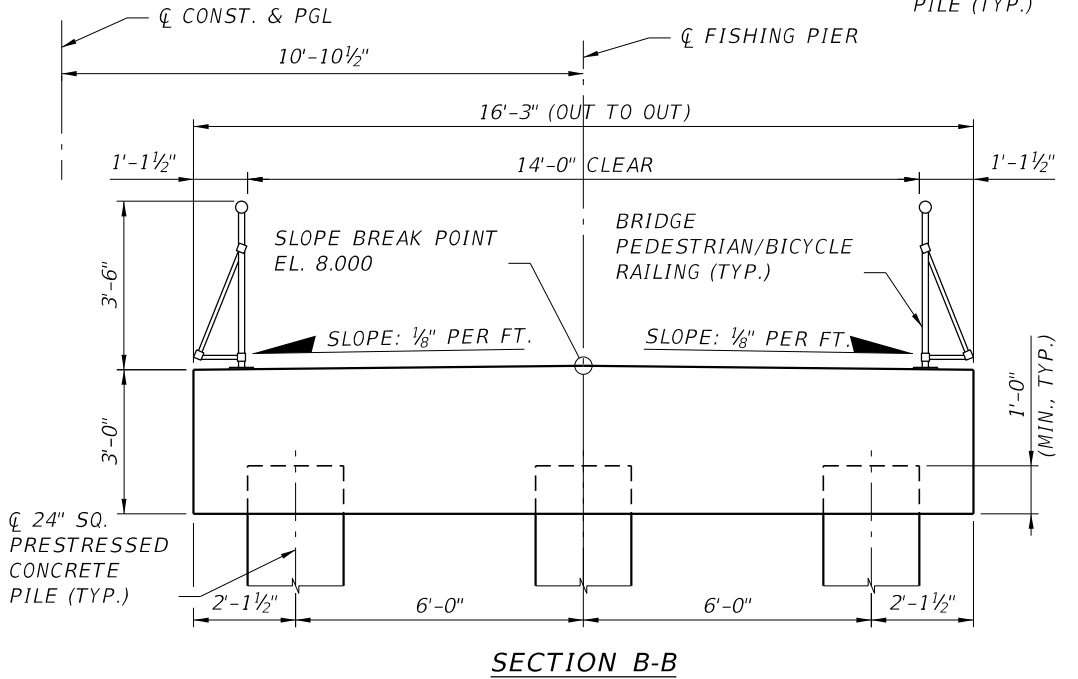
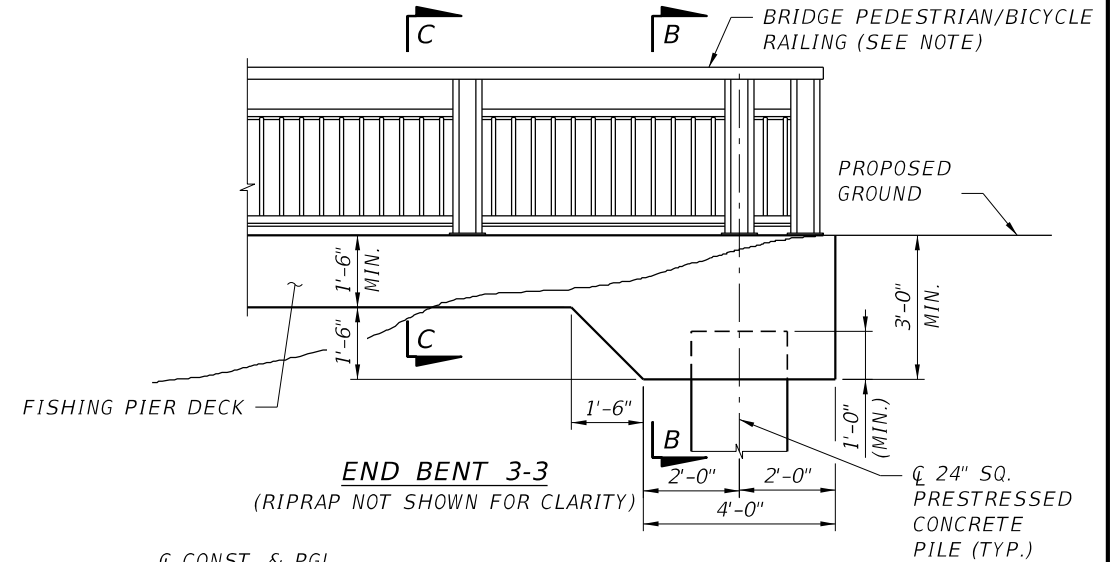
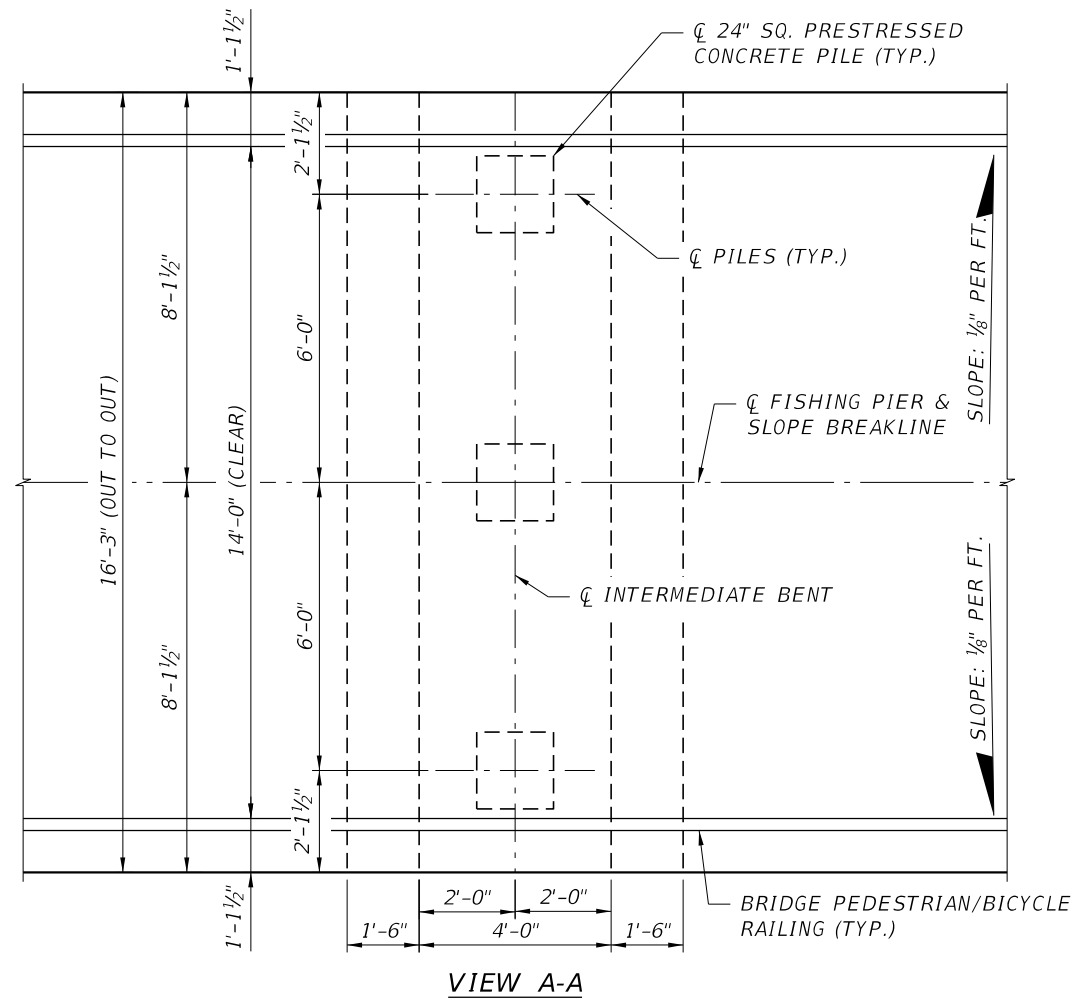


END BENT AT BRIDGE FOUNDATIONS

NOTE:
42" BRIDGE PEDESTRIAN/BICYCLE RAILING (ALUMINUM, SCHEME 1A, TYPE 1 PICKET INFILL PANEL, INDEX 515-061. SEE SHEET B2-14 FOR RAILING MODIFICATIONS.

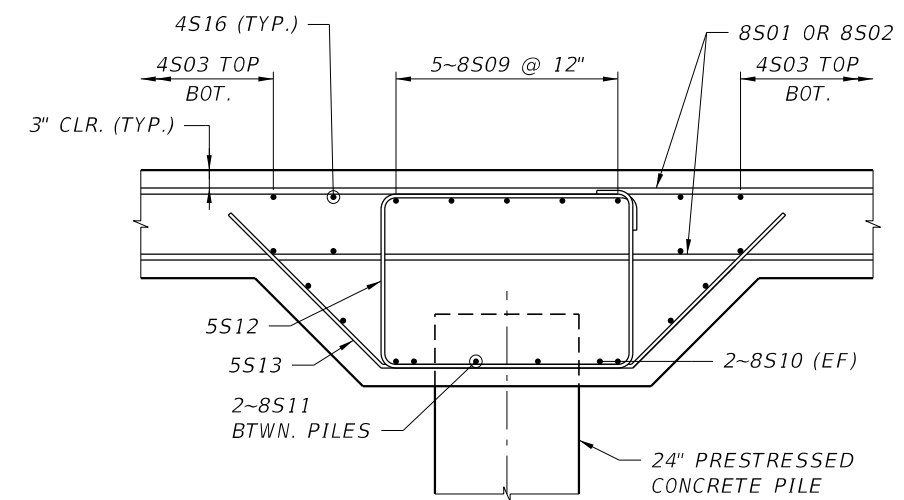


INTERMEDIATE BENT TYPICAL

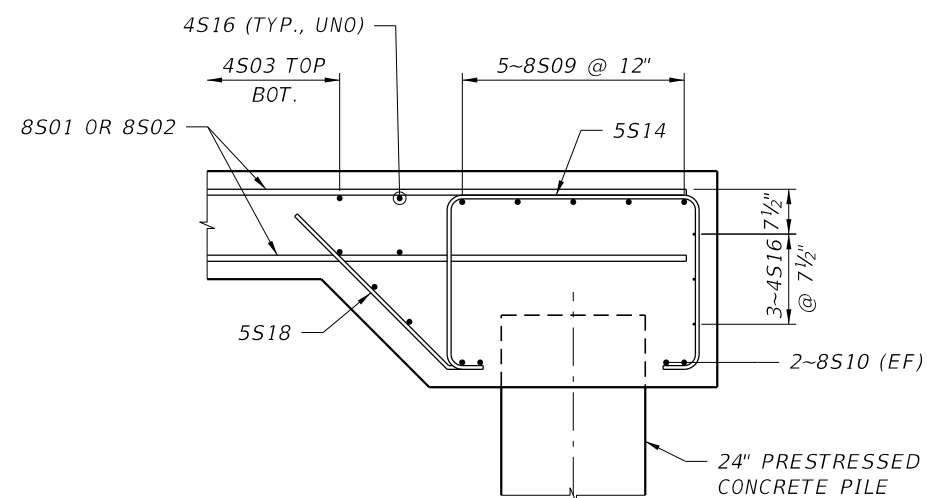


REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: ARF 06-19 CHECKED BY: JHJ 04-21 DESIGNED BY: CEL 06-19 CHECKED BY: A.JL 06-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: FISHING PIER DETAILS		REF. DWG. NO.	
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION									
									ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		SHEET NO.
									CR 865	LEE	CN160002			B2-4

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



INTERMEDIATE BENT
BENTS 1-2 THRU 1-4, 2-2 THRU 2-4 & 3-2



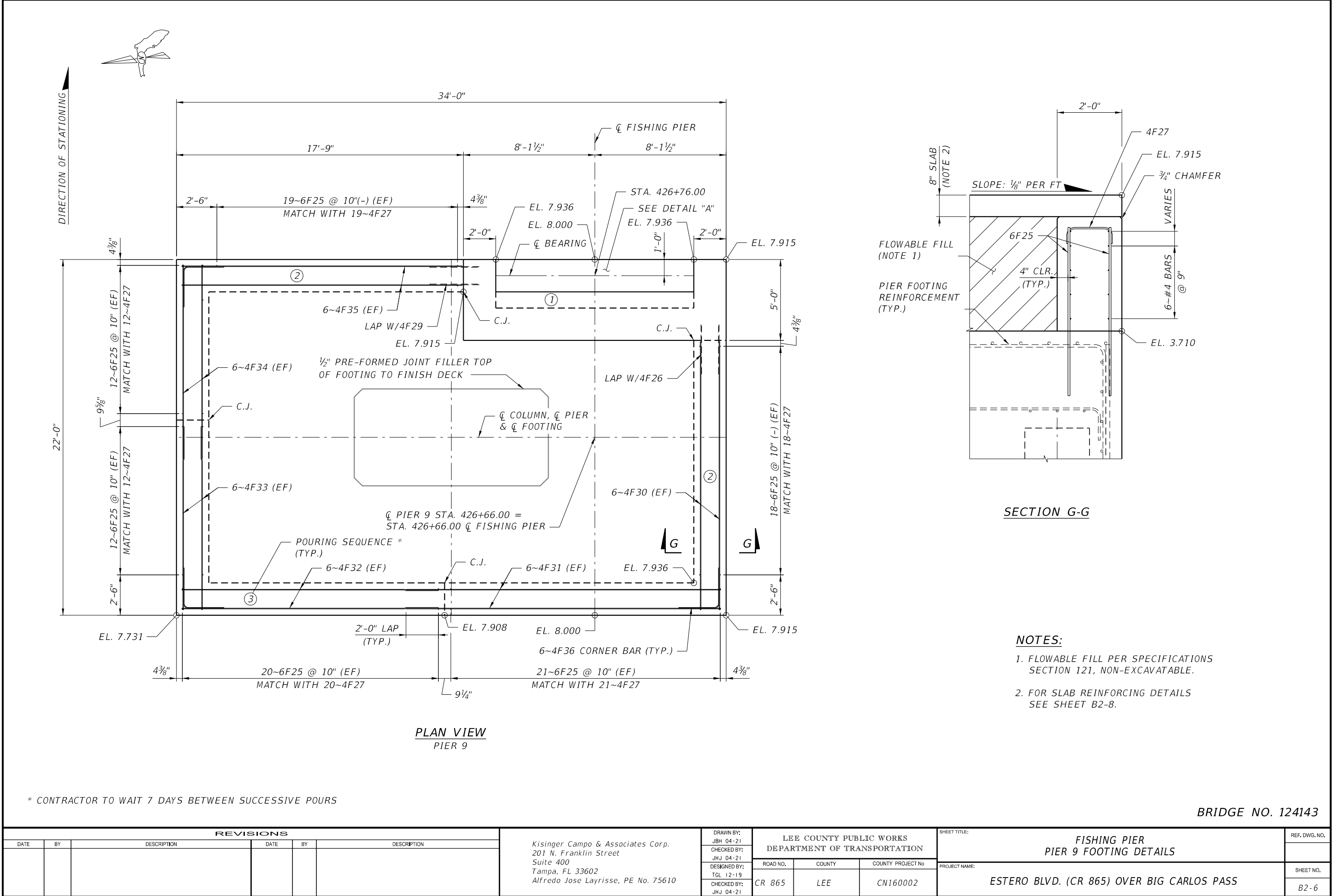
SECTION B-B

UPLIFT ATTACHMENT BETWEEN PILE
AND BENT IS NOT SHOWN PENDING
COMPLETION OF THE FINAL
GEOTECHNICAL INVESTIGATION.

BRIDGE NO. 124143

REVISIONS						<div>DRAWN BY: JBH 04-21</div> <div>CHECKED BY: JHJ 04-21</div> <div>DESIGNED BY: TGL 12-19</div> <div>CHECKED BY: JHJ 04-21</div>	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION							
							ROAD NO. COUNTY COUNTY PROJECT No			PROJECT NAME:		SHEET NO.
							CR 865 LEE CN160002			ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		B2 - 5

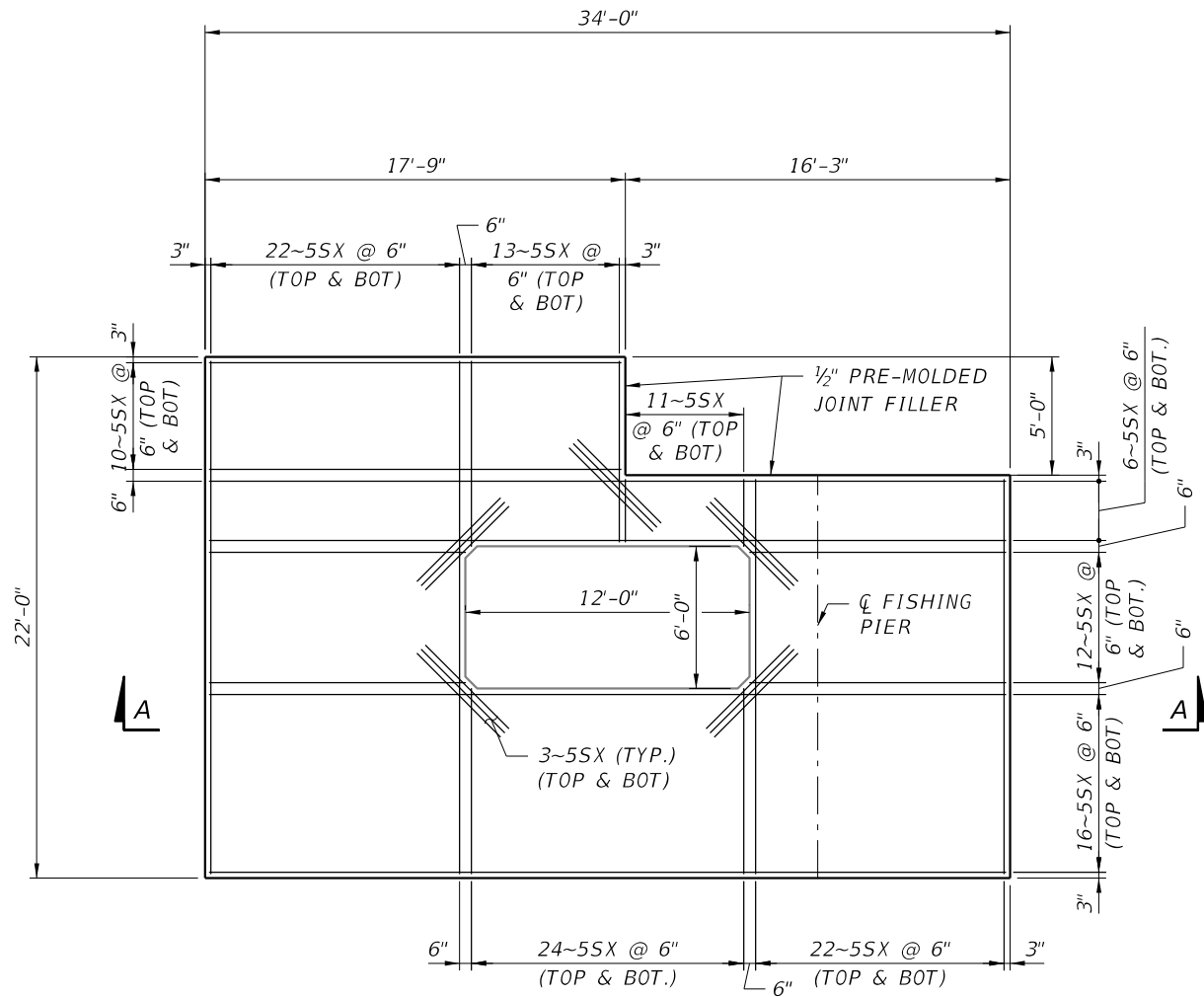
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



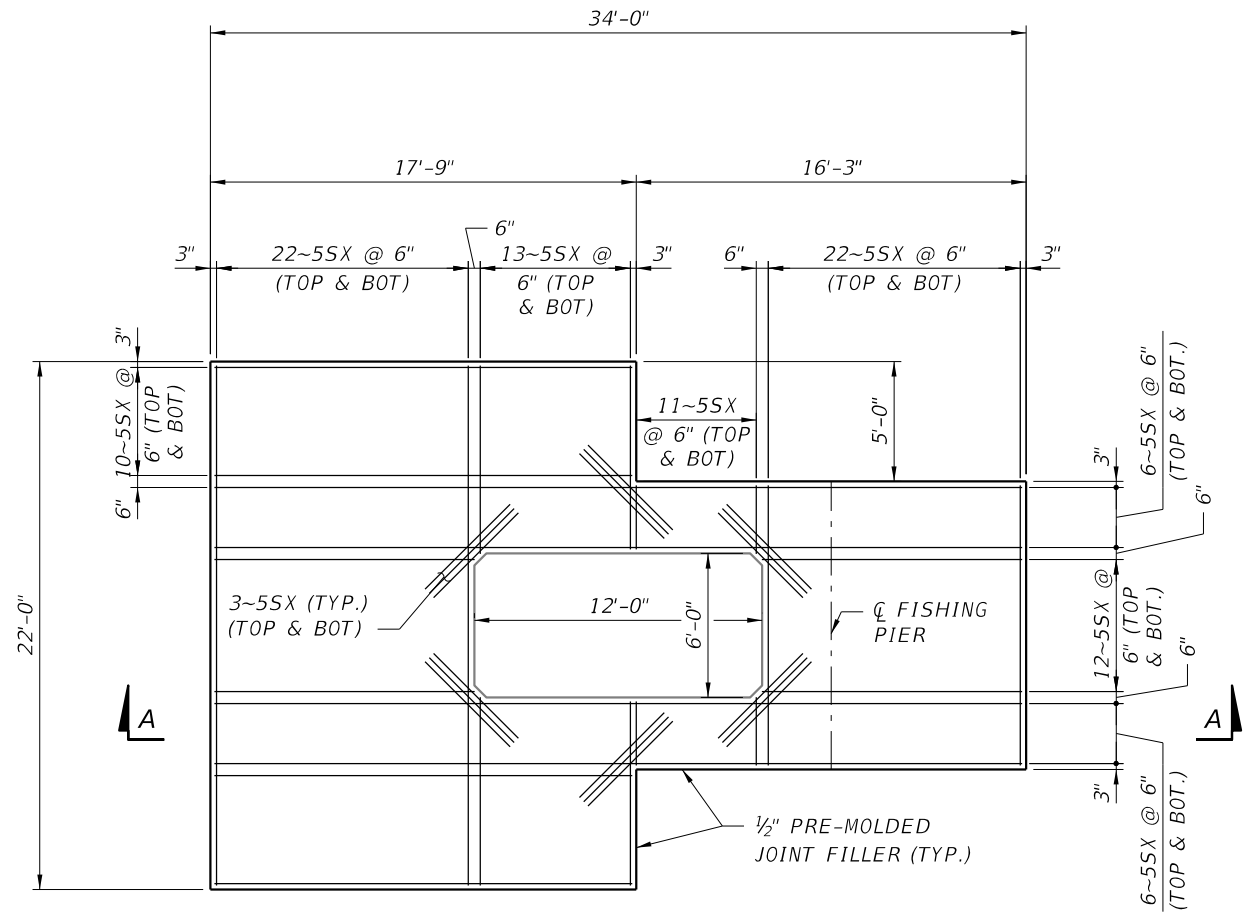
* CONTRACTOR TO WAIT 7 DAYS BETWEEN SUCCESSIVE POURS

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: JBH 04-21 CHECKED BY: JHJ 04-21 DESIGNED BY: TGL 12-19 CHECKED BY: JHJ 04-21	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: FISHING PIER PIER 9 FOOTING DETAILS	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN160002	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B2-6

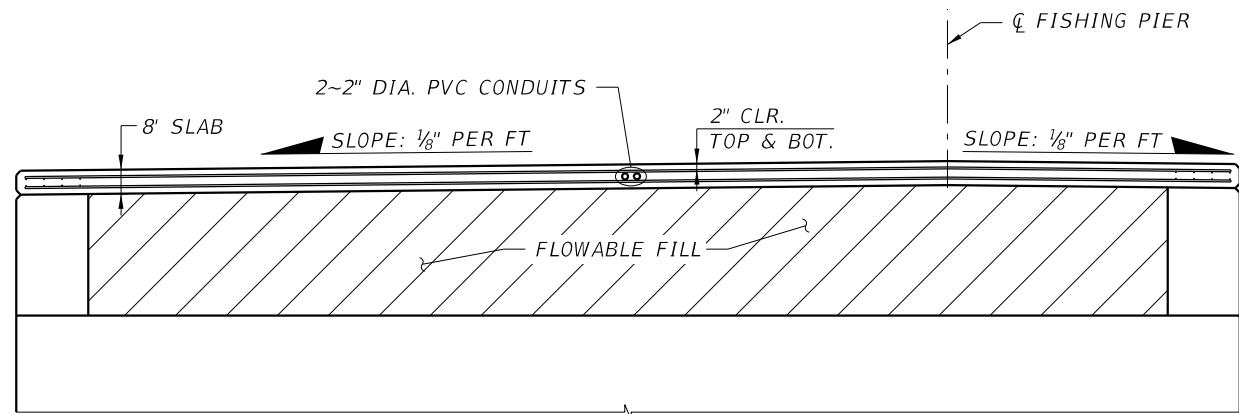
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PLAN VIEW PIER 9



PLAN VIEW PIER 10 & 11

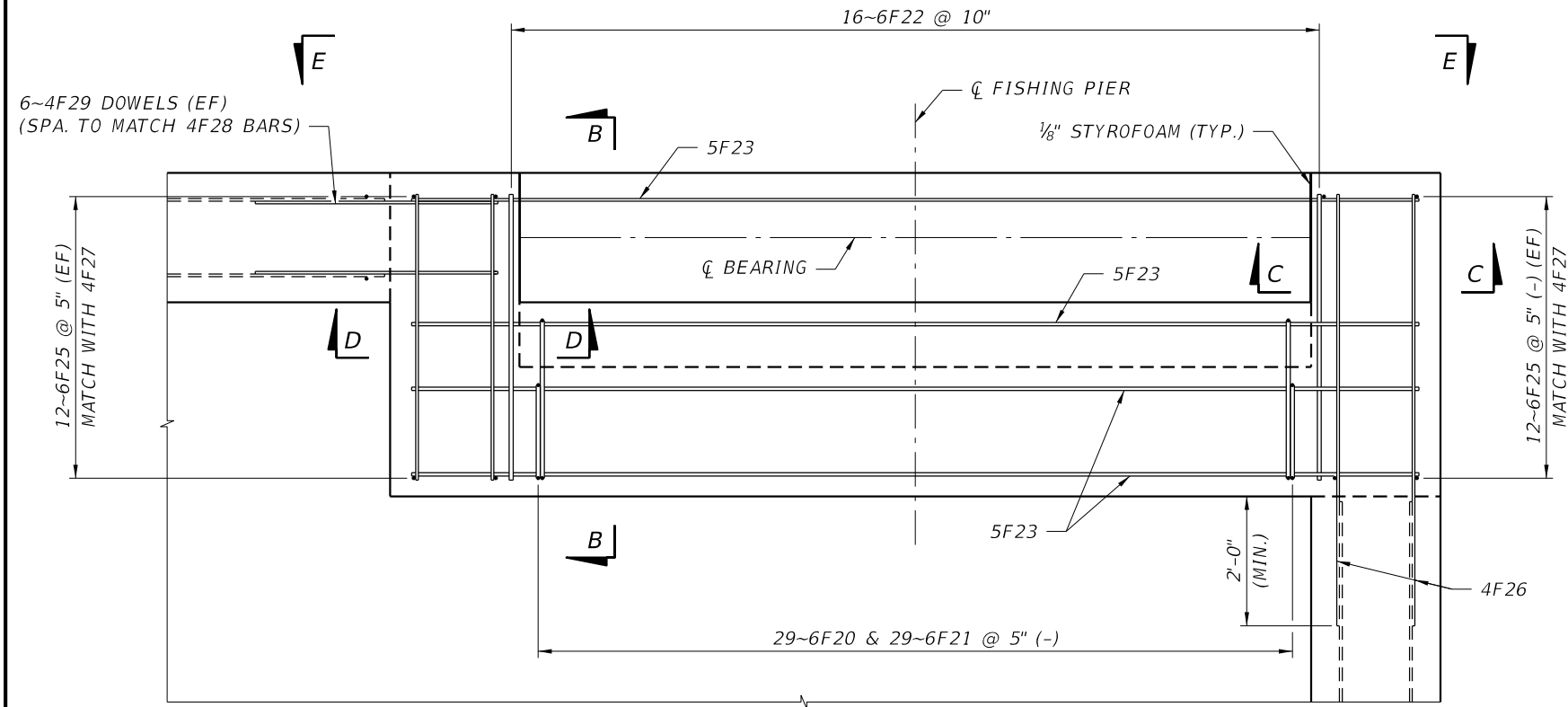


SECTION A-A

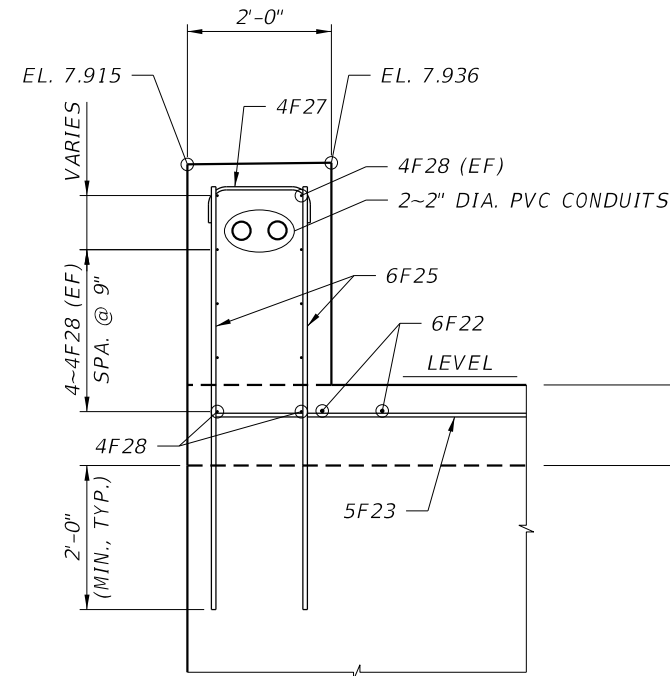
BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: JBH 05-21 CHECKED BY: JHJ 05-21 DESIGNED BY: TGL 05-21 CHECKED BY: JHJ 05-21	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: FISHING PIER SLAB REINFORCING DETAILS AT PIER FOUNDATIONS	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN160002	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B2-8

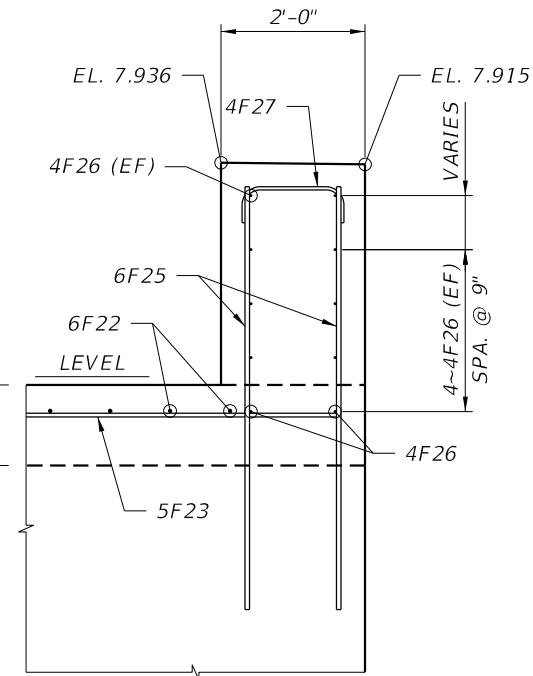
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



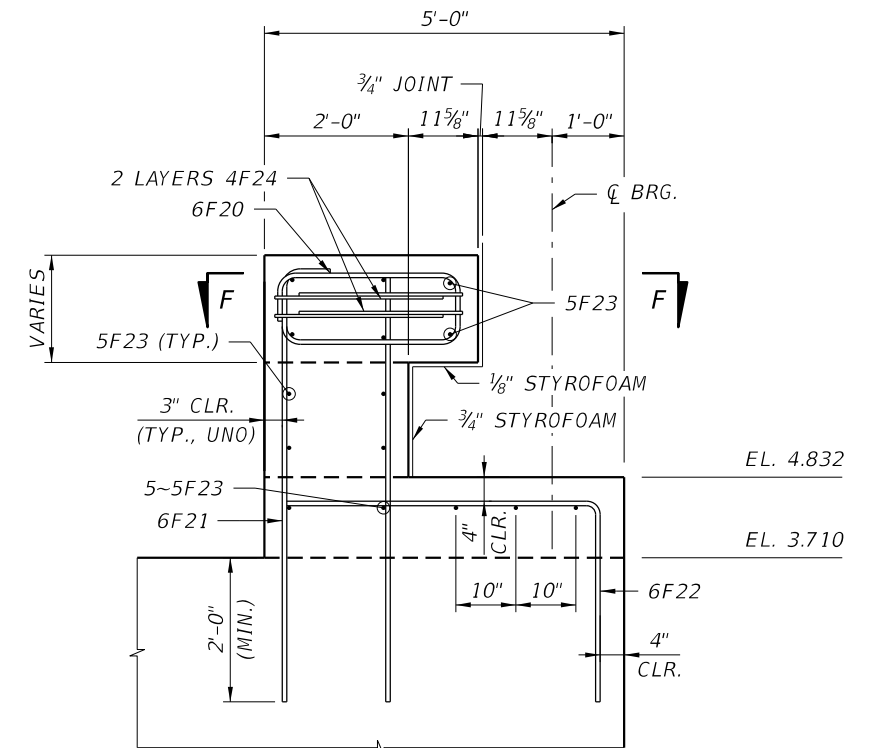
DETAIL A - PLAN VIEW



SECTION D-D



SECTION C-C

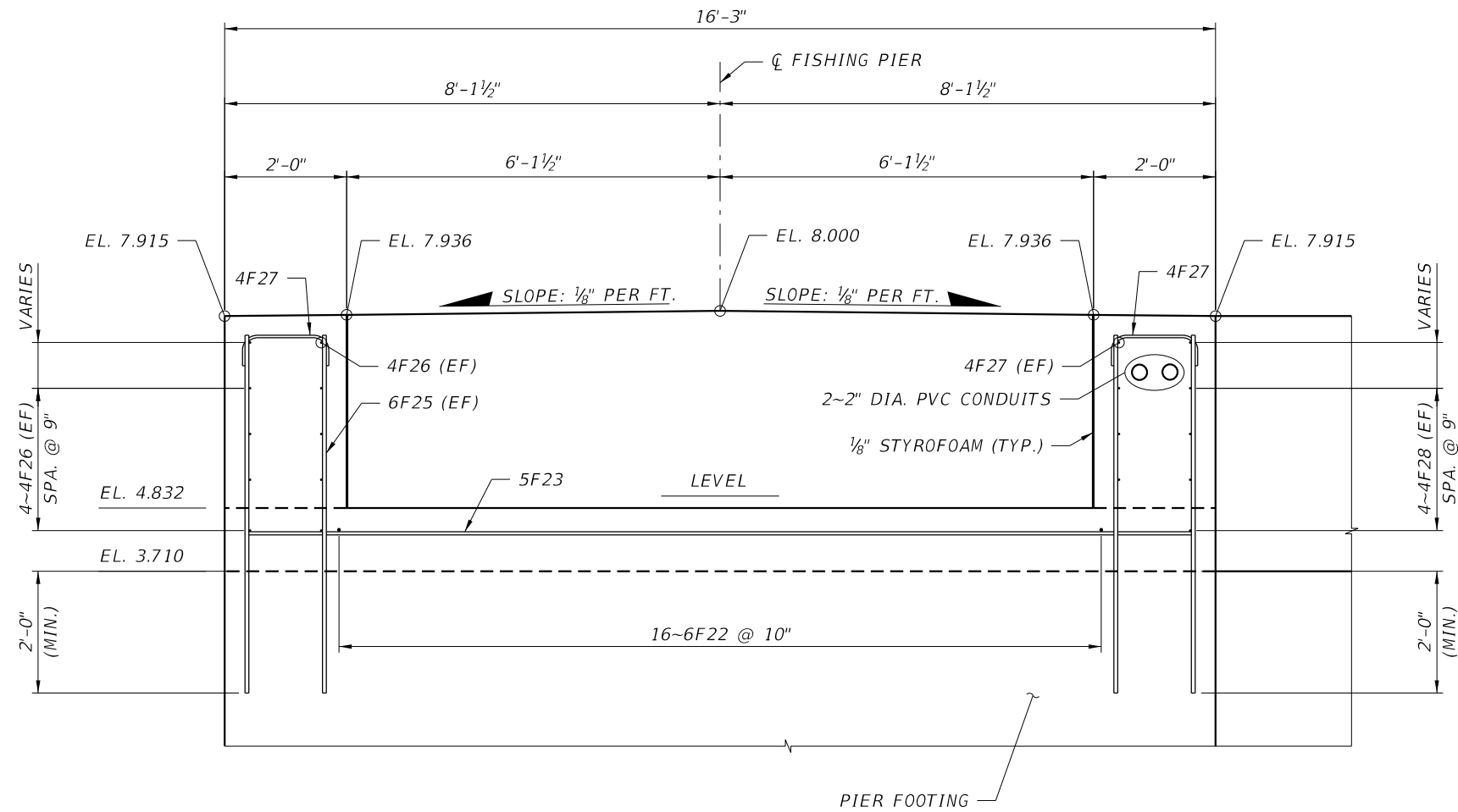


SECTION B-B

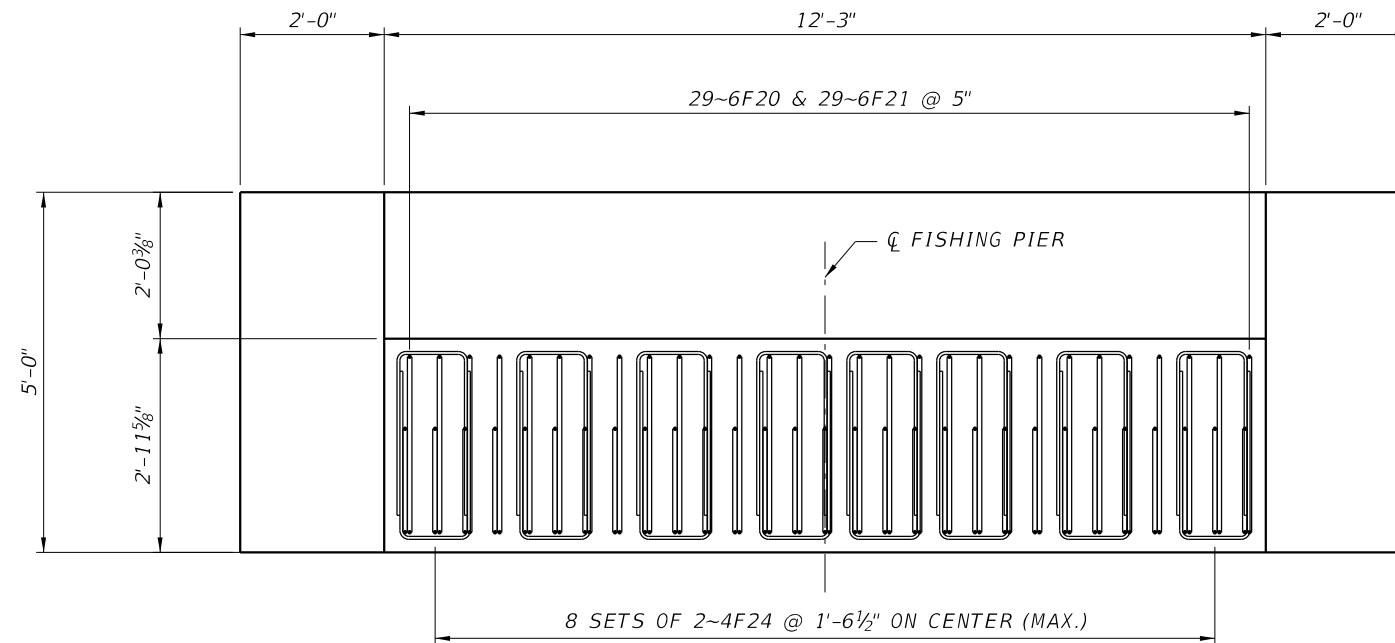
BRIDGE NO. 124143

REVISIONS						DRAWN BY: JBH 04-21 CHECKED BY: JHJ 04-21 DESIGNED BY: TGL 12-19 CHECKED BY: JHJ 04-21	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: FISHING PIER PIER FOOTING DETAILS (1 OF 2)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						
							ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.
						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B2-9

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VIEW E-E
(ONLY SUBSTRUCTURE STEEL SHOWN FOR CLARITY)



SECTION F-F

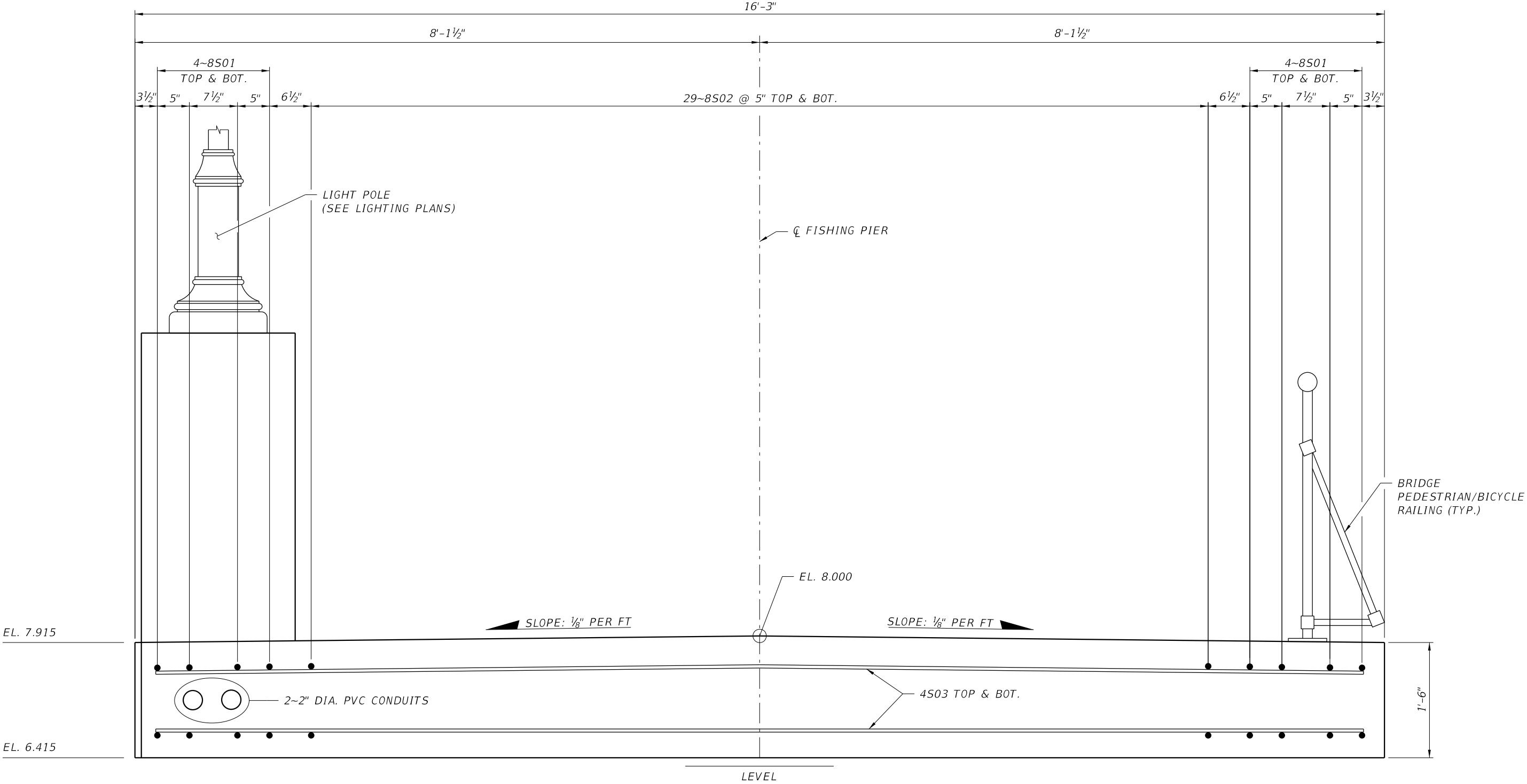
NOTE:

ADJUST 4F24 BARS TO AVOID CONFLICT WITH 6F20 AND 6F21 BARS WITHIN PARAMETERS.

BRIDGE NO. 124143

REVISIONS						<div>Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610</div>	<div>DRAWN BY: JBH 04-21 CHECKED BY: JHJ 04-21 DESIGNED BY: TGL 12-19 CHECKED BY: JHJ 04-21</div>	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.	
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						FISHING PIER PIER FOOTING DETAILS (2 OF 2)			
									ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:		SHEET NO.
												ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		
												B2-10		

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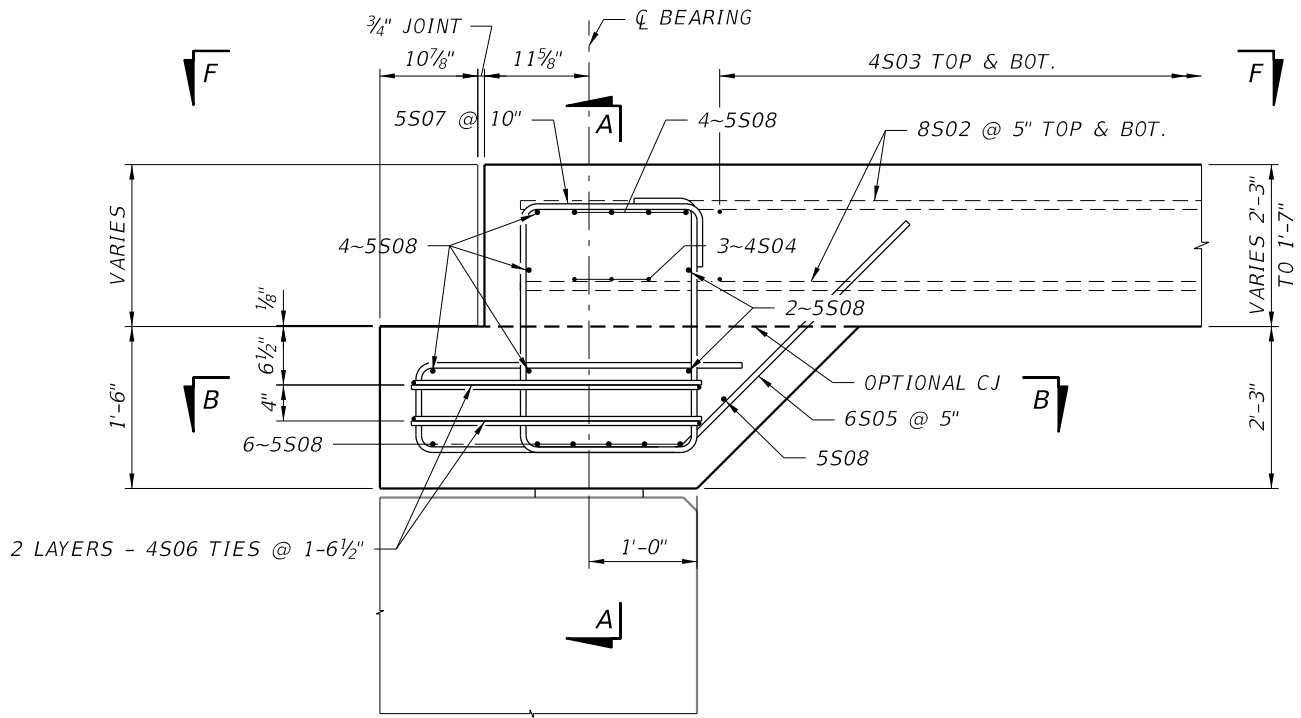


TYPICAL SECTION

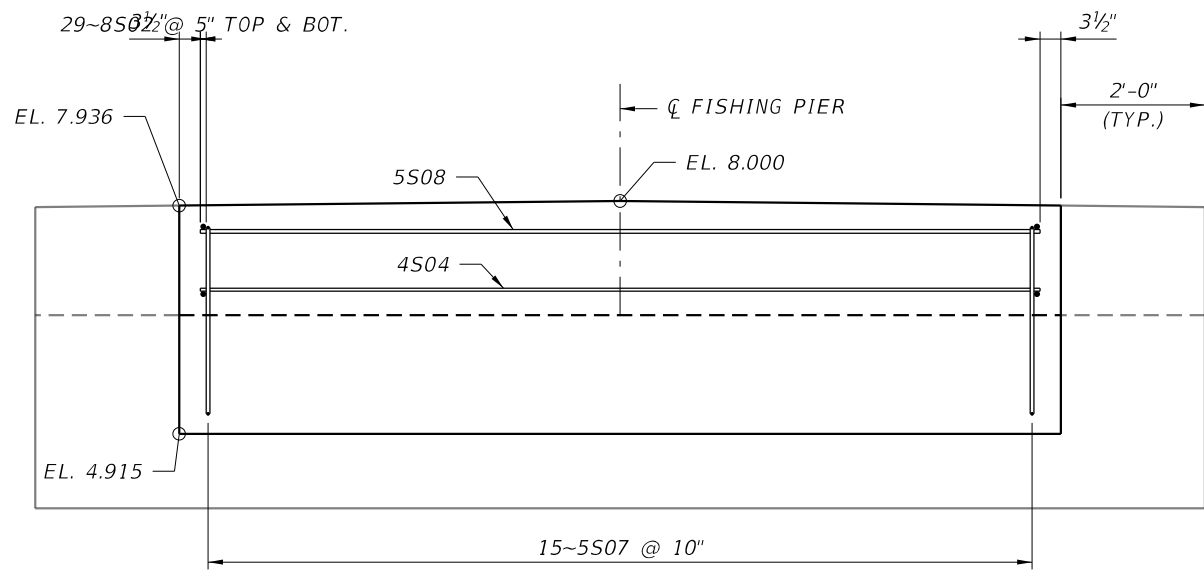
BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: CHECKED BY: DESIGNED BY: CHECKED BY:	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: FISHING PIER SUPERSTRUCTURE DETAILS (1 OF 3)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION							
								ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:	SHEET NO.
								CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	B2-11

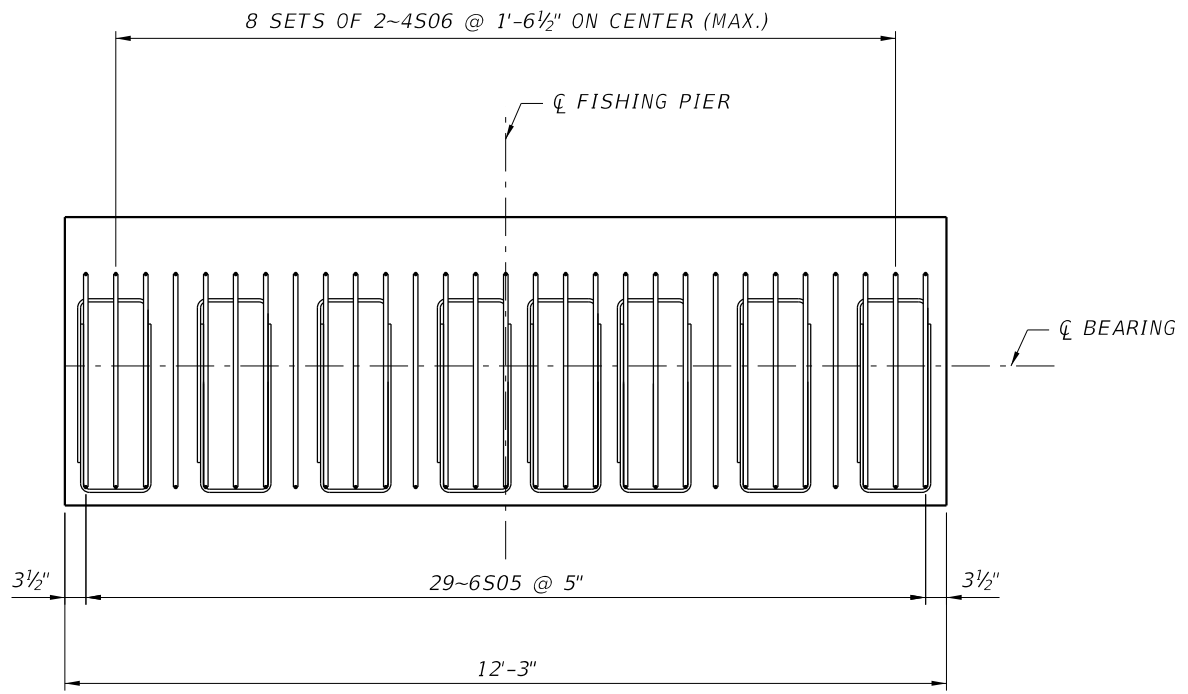
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



END BENT SUPERSTRUCTURE DETAIL
END BENTS 1-1, 1-5, 2-1, 2-5 AND 3-1



SECTION A-A



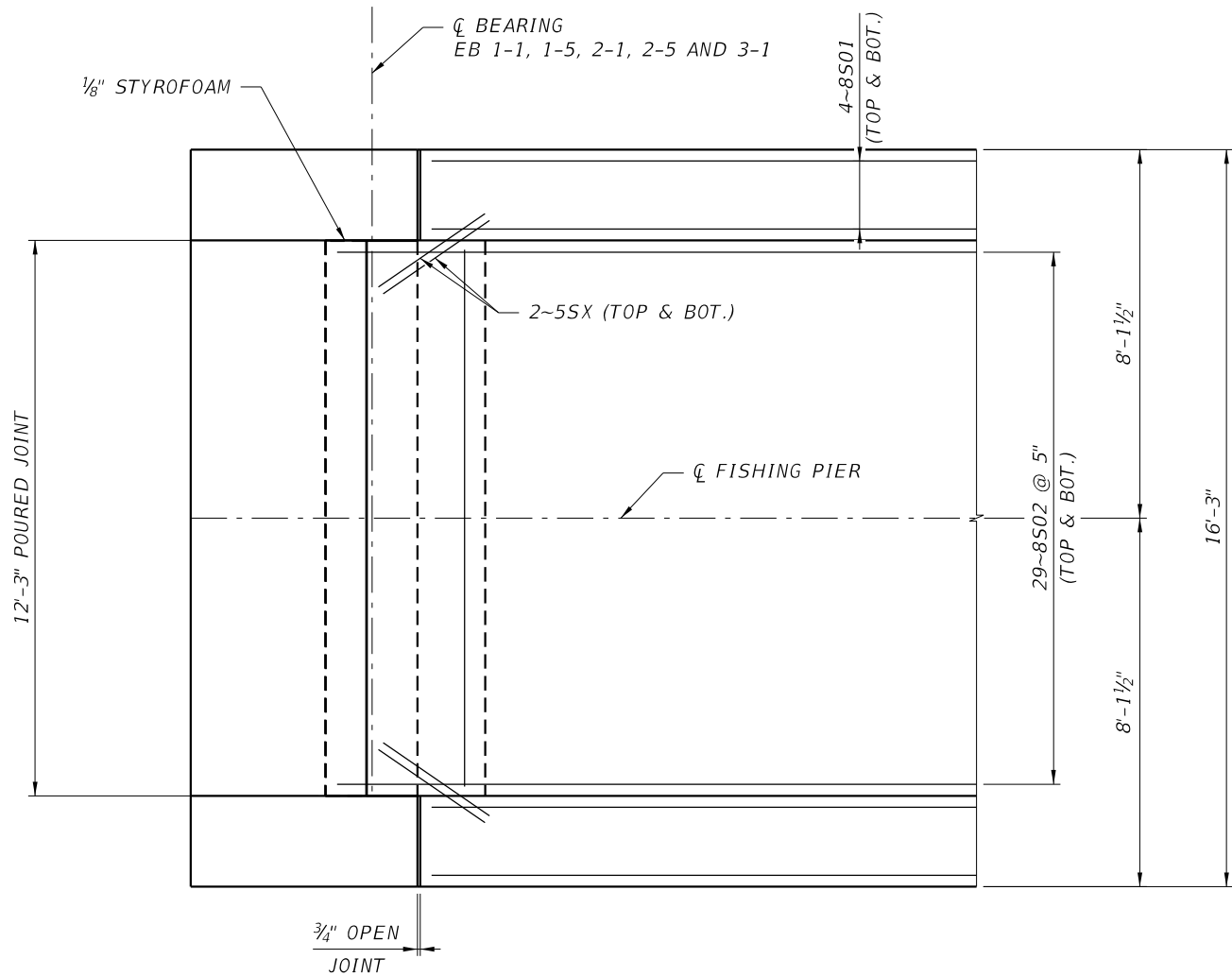
SECTION B-B

NOTE:
ADJUST 4S06 BARS TO AVOID CONFLICT WITH
6S05 BARS WITHIN PARAMETERS.

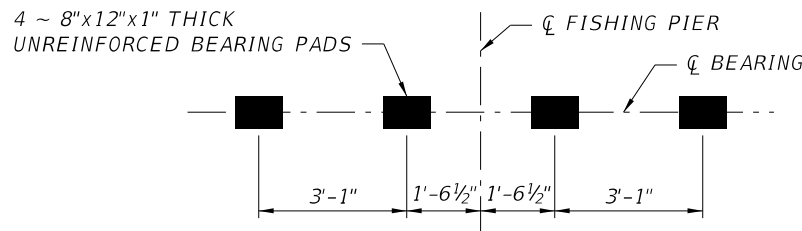
BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: JBH 04-21 CHECKED BY: JHJ 04-21 DESIGNED BY: TGL 12-19 CHECKED BY: JHJ 04-21			LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: FISHING PIER SUPERSTRUCTURE DETAIL (2 OF 3)		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					ROAD NO.	COUNTY	COUNTY PROJECT No	PROJECT NAME:		SHEET NO.
										CR 865	LEE	CN160002	ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS		B2-12

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VIEW F-F



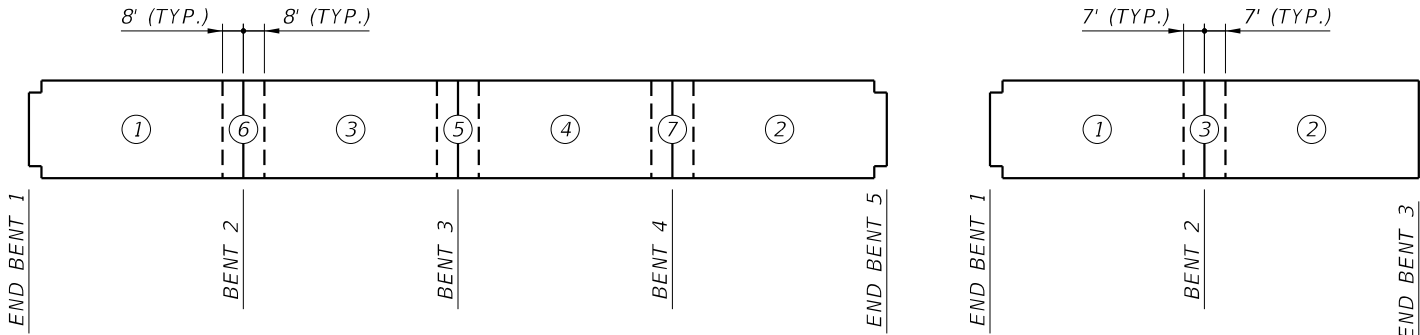
BEARING LAYOUT PLAN

EB 1-1, 1-5, 2-1, 2-5 AND 3-1

NOTE: NEOPRENE IN BEARING PADS SHALL HAVE A SHEAR MODULUS (G) OF 110 PSI.

POURED EXPANSION JOINT DATA TABLE INDEX 458-110			Table Date 1-01-09
LOCATION*	DIM. "A" @ 70°F	TOTAL DESIGN MOVEMENT	DIM. "A" ADJUSTMENT PER 10°F
EB 1-1	3/4"	1/2"	1/16"
EB 1-5	3/4"	1/2"	1/16"
EB 2-1	3/4"	1/2"	1/16"
EB 2-5	3/4"	1/2"	1/16"
EB 3-1	3/4"	1/2"	1/16"
NOTE: Dim. "A" adjustment per 10°F shown is measured perpendicular to ϕ Expansion Joint. Work this table with Standard Plans Index 458-110.			

* SIDEWALK COVER PLATES REQUIRED AT ALL LOCATIONS

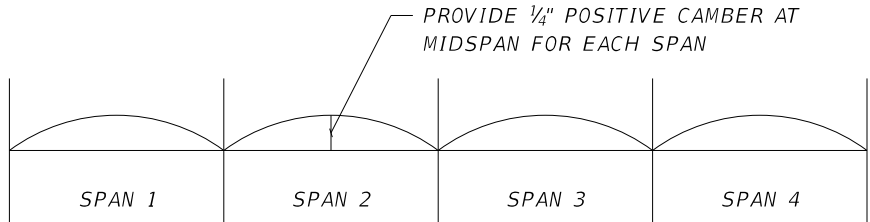


UNITS 1 AND 2

UNIT 3

POUR SEQUENCE

NOTE: A MINIMUM OF 72 HOURS IS REQUIRED BETWEEN POURS IN A GIVEN CONTINUOUS UNIT.



CAMBER SCHEDULE

UNITS 1 AND 2 SHOWN, UNIT 3 SIMILAR

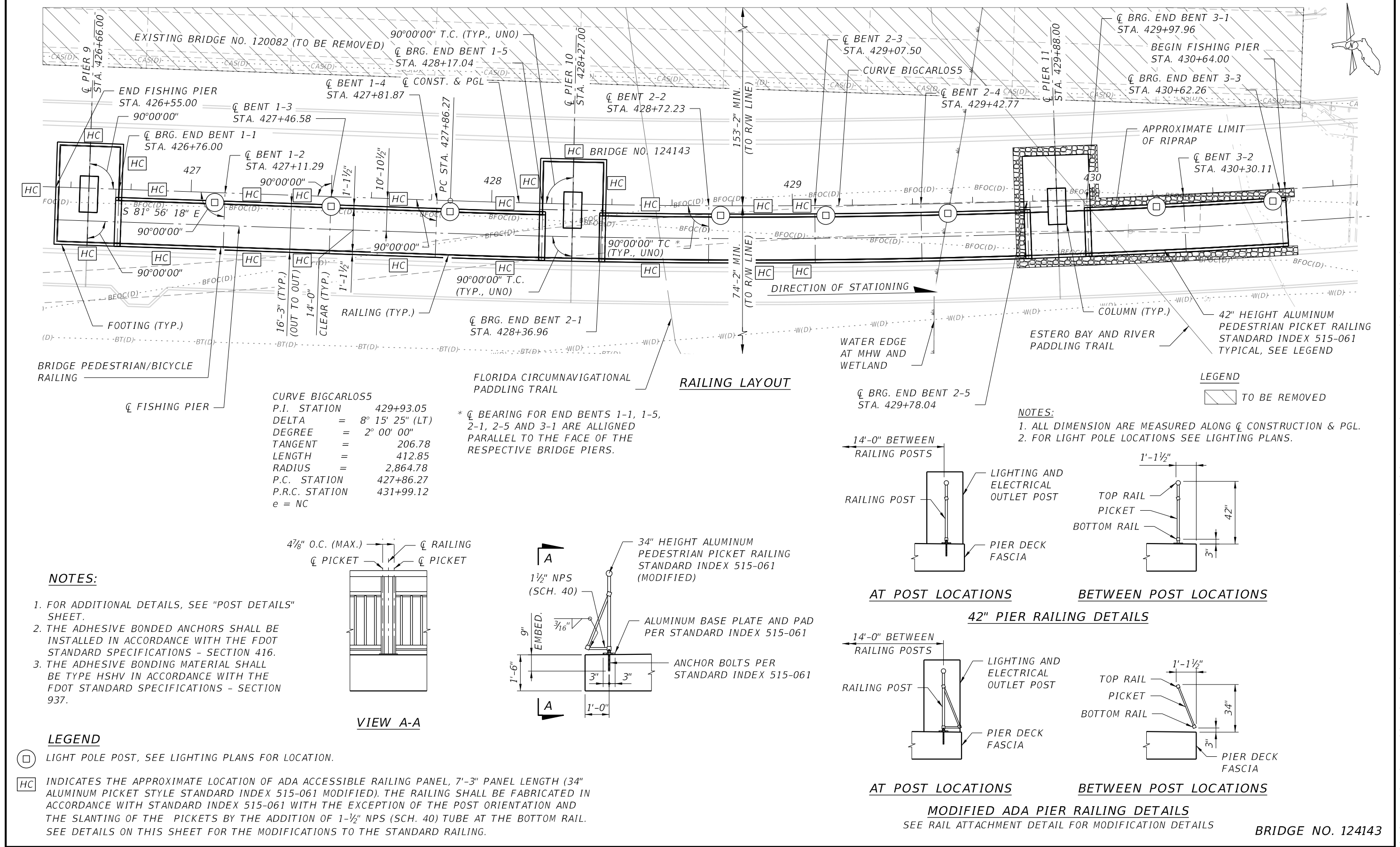
BRIDGE NO. 124143

REVISIONS						DRAWN BY: CHECKED BY: DESIGNED BY: CHECKED BY:	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: FISHING PIER SUPERSTRUCTURE DETAILS (3 OF 3)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	COUNTY PROJECT No		
							CR 865	LEE	CN160002	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	SHEET NO. B2 - 13

Kisinger Campo & Associates Corp.
201 N. Franklin Street
Suite 400
Tampa, FL 33602
Alfredo Jose Layrisse, PE No. 75610

jhanna
5/27/2021
12:39:28 PM
c:\pwworkingdir\kca-pw.bentley.com_kca-pw-01\josh hanna\dms00783\B1EndBentDet05dgn.d

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CURVE BIGCARLOSS
P.I. STATION 429+93.05
DELTA = 8° 15' 25" (LT)
DEGREE = 2° 00' 00"
TANGENT = 206.78
LENGTH = 412.85
RADIUS = 2,864.78
P.C. STATION 427+86.27
P.R.C. STATION 431+99.12
e = NC

* \angle BEARING FOR END BENTS 1-1, 1-5, 2-1, 2-5 AND 3-1 ARE ALIGNED PARALLEL TO THE FACE OF THE RESPECTIVE BRIDGE PIERS.

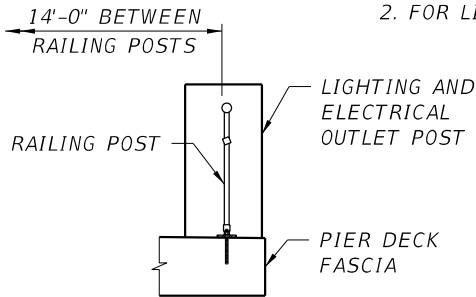
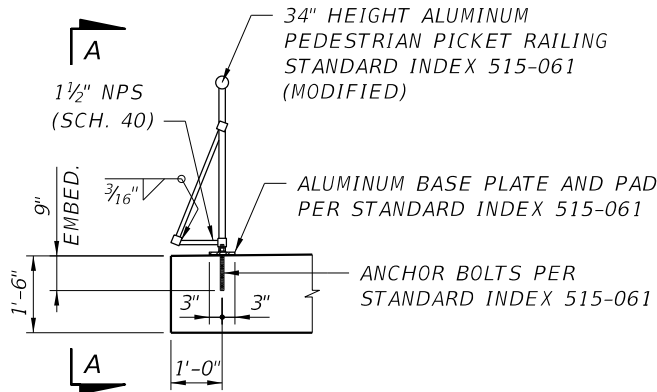
NOTES:

- 1. FOR ADDITIONAL DETAILS, SEE "POST DETAILS" SHEET.
- 2. THE ADHESIVE BONDED ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE FDOT STANDARD SPECIFICATIONS - SECTION 416.
- 3. THE ADHESIVE BONDING MATERIAL SHALL BE TYPE HSHV IN ACCORDANCE WITH THE FDOT STANDARD SPECIFICATIONS - SECTION 937.

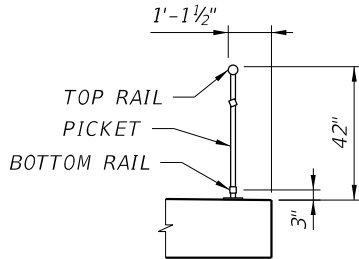
LEGEND

- LIGHT POLE POST, SEE LIGHTING PLANS FOR LOCATION.
- INDICATES THE APPROXIMATE LOCATION OF ADA ACCESSIBLE RAILING PANEL, 7'-3" PANEL LENGTH (34" ALUMINUM PICKET STYLE STANDARD INDEX 515-061 MODIFIED). THE RAILING SHALL BE FABRICATED IN ACCORDANCE WITH STANDARD INDEX 515-061 WITH THE EXCEPTION OF THE POST ORIENTATION AND THE SLANTING OF THE PICKETS BY THE ADDITION OF 1-1/2" NPS (SCH. 40) TUBE AT THE BOTTOM RAIL. SEE DETAILS ON THIS SHEET FOR THE MODIFICATIONS TO THE STANDARD RAILING.

VIEW A-A

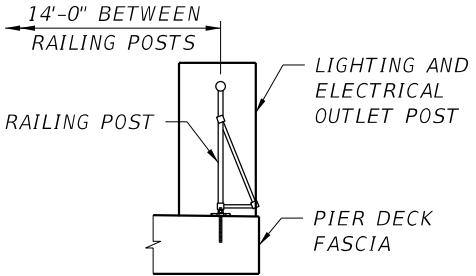


AT POST LOCATIONS

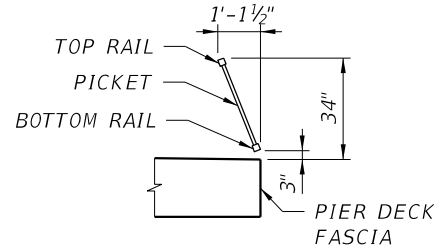


BETWEEN POST LOCATIONS

42" PIER RAILING DETAILS



AT POST LOCATIONS



BETWEEN POST LOCATIONS

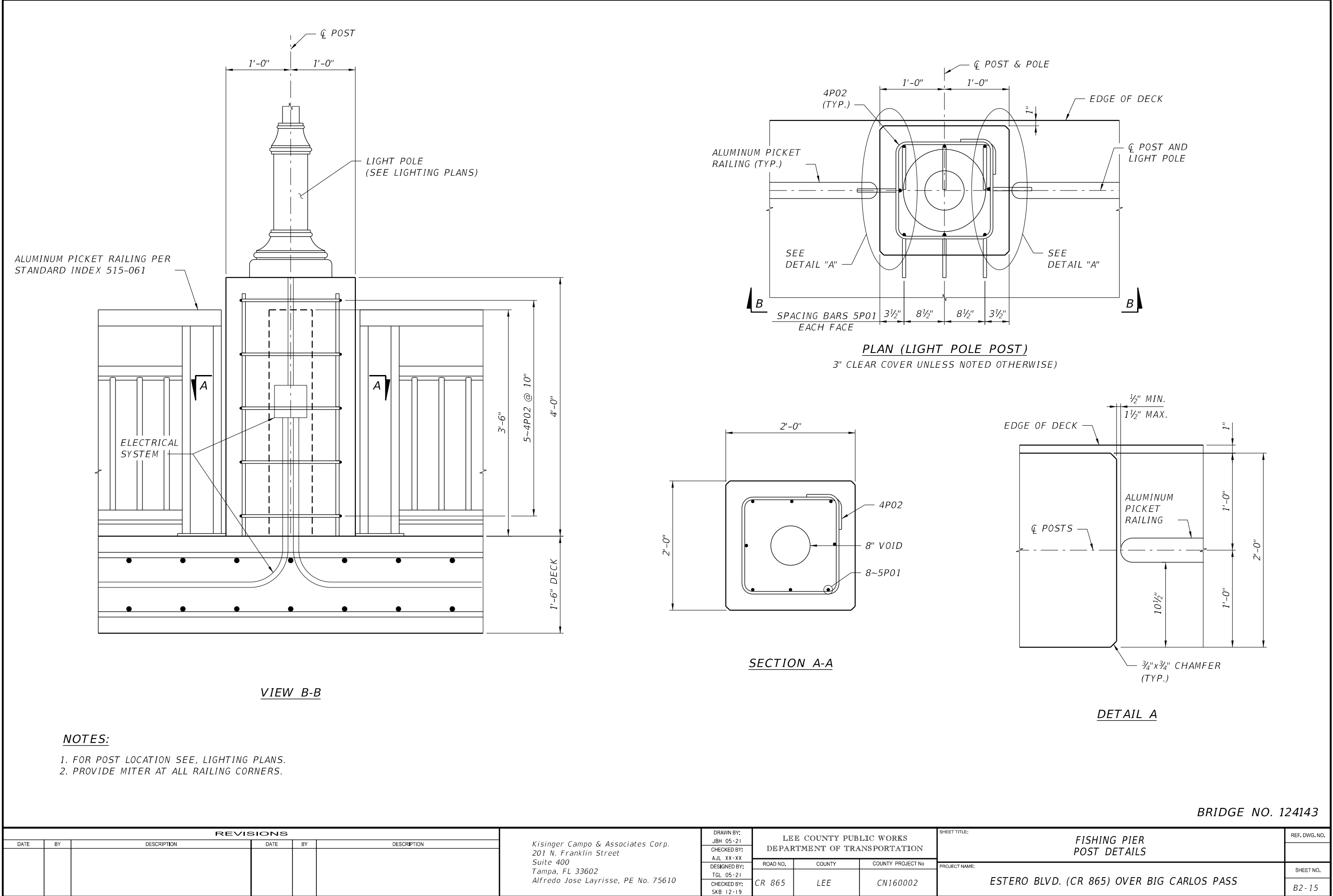
MODIFIED ADA PIER RAILING DETAILS

SEE RAIL ATTACHMENT DETAIL FOR MODIFICATION DETAILS

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: ARF 06-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: FISHING PIER RAILING LAYOUT AND DETAILS	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		CHECKED BY: JHJ 04-21	ROAD NO. CR 865	COUNTY LEE	COUNTY PROJECT No CN160002	PROJECT NAME: ESTERO BLVD. (CR 865) OVER BIG CARLOS PASS	
							DESIGNED BY: CEL 06-19					
							CHECKED BY: AJL 06-19					
											SHEET NO. B2-14	

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NOTES:

- 1. FOR POST LOCATION SEE, LIGHTING PLANS.
- 2. PROVIDE MITER AT ALL RAILING CORNERS.

BRIDGE NO. 124143

REVISIONS						Kisinger Campo & Associates Corp. 201 N. Franklin Street Suite 400 Tampa, FL 33602 Alfredo Jose Layrisse, PE No. 75610	DRAWN BY: JBH 05-21 CHECKED BY: AJL XX-XX DESIGNED BY: TGL 05-21 CHECKED BY: SKB 12-19	LEE COUNTY PUBLIC WORKS DEPARTMENT OF TRANSPORTATION			SHEET TITLE: FISHING PIER POST DETAILS	REF. DWG. NO.
DATE	BY	DESCRIPTION		DATE	BY			ROAD NO.	COUNTY	COUNTY PROJECT No		
								CR 865	LEE	CN160002		

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