

NOTICE TO CONTRACTORS
OFFICE OF THE STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

SENT FACSIMILE
RETURNED FACSIMILE
ACKNOWLEDGMENT REQUESTED
FAX NUMBER (863) 519-2661

801 N. Broadway Avenue
P. O. Box 1249
Bartow, Florida 33830
(863) 519-2279
December 31, 2012

Construction and Maintenance Programs
District Contracts

January 17, 2013 Letting

ADDENDUM NUMBER ONE

FINANCIAL PROJECT NO.: 431714-1-52-01
DISTRICT CONTRACT NO.: EIL13
LEE COUNTY

Contractor,

You are hereby notified that pages 1, 4 & 12 of the Plans for Contract EIL13 has been revised. See the attached revised pages to the Plans.

Acknowledge receipt of this addendum in the space provided on the proposal.



Cathy C. Gardyasz
District Contracts Administrator

**PLEASE SIGN BELOW IN RECEIPT OF THIS
NOTICE AND FAX BACK TO THE ABOVE
NUMBER AS SOON AS RECEIVED.**

Signature

Date

Company Name

CONTRACT PLANS

FINANCIAL PROJECT ID 431714-1-52-01

LEE COUNTY (12020)

STATE ROAD NO. 80

BRIDGE REPAIR PLANS



LOCATION OF BRIDGE 120001

INDEX OF BRIDGE REPAIR PLANS

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7	REPAIR DETAILS (1 OF 3)
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10	SUPERSTRUCTURE TYPICAL SECTIONS
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BX-1 to BX-13	EXISTING BRIDGE PLANS

GOVERNING STANDARDS AND SPECIFICATIONS:
Florida Department of Transportation 2013, Design Standards and revised Index Drawings as appended herein, and 2013 Standard Specifications for Road and Bridge Construction, as amended by Contract Documents.

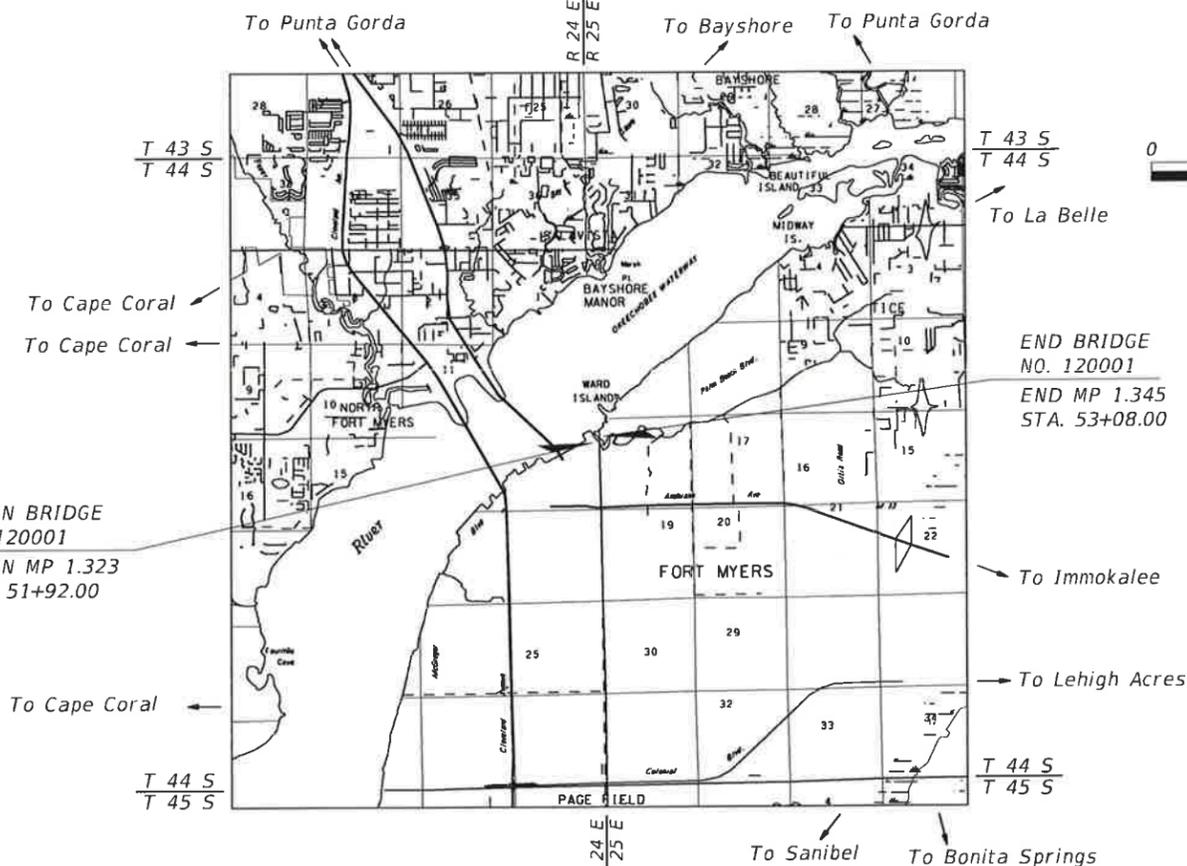
For Design Standards click on the "Design Standards" link at the following web site:
<http://www.dot.state.fl.us/rddesign/>

For the Standard Specifications for Road and Bridge Construction click on the "Specifications" link at the following web site:
<http://www.dot.state.fl.us/specificationsofices/>



REVISIONS

1 Structure Sheets 4 & 12 (Revised 12-31-2012)



SHOP DRAWINGS
TO BE SUBMITTED TO:
BOON K. CHONG, P.E.
12802 TAMPA OAKS BLVD.
SUITE 245
TAMPA, FL 33637
(813) 972-9444

PLANS PREPARED BY:
TYLIN INTERNATIONAL
12802 TAMPA OAKS BLVD.
SUITE 245
TAMPA, FL 33637
(813) 972-9444
CONTRACT NO. C9214
VENDOR NUMBER F941598707001
CERT. OF AUTHORIZATION NO. 00002017

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

LENGTH OF PROJECT		
	LINEAR FT.	MILES
ROADWAY	0.00	0.000
BRIDGES	116.00	0.022
NET LENGTH OF PROJ.	116.00	0.022
EXCEPTIONS	0.00	0.000
GROSS LENGTH OF PROJ.	116.00	0.022

KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION

STRUCTURE PLANS
ENGINEER OF RECORD: BOON K. CHONG, P.E.

P.E. NO.: 48156

FDOT PROJECT MANAGER: BRONORIS PYE

FISCAL YEAR	SHEET NO.
13	1

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11. ENVIRONMENTAL NOTES:

- A. The water surrounding this project are designated as Class III water.
- B. This project is located within the Consultation Area for the West Indian Manatee and Small-tooth Sawfish; core foraging area for the wood stork; and scrub jay, Red-cockaded Woodpecker, Crested Caracara and American Crocodile may potentially occur.

12. STEEL MAINTENANCE PAINTING:

A. General:

Clean and paint all structural steel, live load shoes and bearings in accordance with Section 560 and Section 561 of the FDOT Standard Specifications. Clean all pedestrian railings, lift structures and auxiliary equipment including, decks, towers, conduit, motors, tanks and miscellaneous decking, plates, bar stock and angle iron. The existing coating system requires removal by abrasive blast cleaning, except as noted below and replacement with a new three coat protective coating system.

B. Containment System:

Utilize a containment system in accordance with SSPC Technology Guide No. 6, Guide for Containing Surface Preparation Debris Generated During Paint Removal Operations, Class 2A for abrasive blast cleaning Class 2W for water cleaning and Class 2P for power tool cleaning and Class 2C for chemical stripping. Painting containment must be sufficient to contain all paint overspray.

C. Site cleanliness:

Prior to beginning the work remove all paint chips, dirt, gravel and other loose debris from abutments, steel members, piers and other flat surfaces of the bridge to the satisfaction of the Engineer and photo document the cleanliness achieved in the presence of the Engineer.

D. Soluble Salt Testing on Rusted Surfaces:

After the surfaces have been cleaned and washed per Section 560-7.3 and Section 560-7.4 test four areas of corrosion and/or pitting on each span for soluble salts. Re-clean if soluble salts exceed the limits in Section 560-7.5.

E. Preparation of Thin Gage Sheet:

Prepare surfaces of thin gage metal, e.g., tower cabinet surface sheet metal and conduit that may be deformed by the blast cleaning process by other means. The coating may be removed by use of hand tools, power tools or chemical stripping. Prior to coating ensure residues from chemical stripping have been neutralized and removed from the surface. Prepare the surfaces of thin gage metal to a cleanliness level, minimum of SSPC-SP 15, Commercial Grade Power Tool Cleaning. Provide a surface profile acceptable to the coating manufacturer for the coatings to be applied.

F. Coating System:

The coating system shall be one-coat of epoxy zinc rich primer, full coat of epoxy intermediate and top coat of aliphatic polyurethane submitted for approval in accordance with Section 561 of the FDOT Standard Specifications.

G. Methods for Environmental Monitoring:

Monitor emissions in accordance with SSPC Guide 6 using the following methods:

1. Method D- Ambient Air Monitoring for Toxic Metals (TSP Lead) use a minimum of three monitors; place one monitor at each end of the bridge and the third monitor within 20 meters downwind of the work area.
2. Method G - Visual Assessment of Site Cleanliness. Clean all areas around the bridge to the satisfaction of the Engineer. Prior to demobilization clean the areas around the bridge to the extent as photo-documented under item C above.

12. STEEL MAINTENANCE PAINTING: (CONTINUED)

H. Finish Coat Color:

Submit color coupons (3 each) of finish coat for structural steel to the Engineer prior to beginning the painting operations. The color pigmented finish paint shall match Federal Color Standard 595B No. 26373. Final acceptance of colors shall be determined by the Engineer.

I. Hazardous Materials:

Samples of the existing paint were tested for lead, chromium, Cr+6 and Cadmium are provided in the table below. Values are reported in mg/Kg (parts per million).

Sample	Lead	Chromium	Chromium Cr+6	Cadmium
KTA-1	87	BDL	N/A	BDL
KTA-2	67	BDL	N/A	BDL
KTA-3	2521	BDL	N/A	40
KTA-4	148	146	BDL	13
KTA-5	357	59	BDL	7
KTA-9	19363	404	BDL	13

BDL indicates below detectable limits. The Contractor is responsible for compliance with hazard assessment in accordance with OSHA.

13. PAY ITEM NOTES:

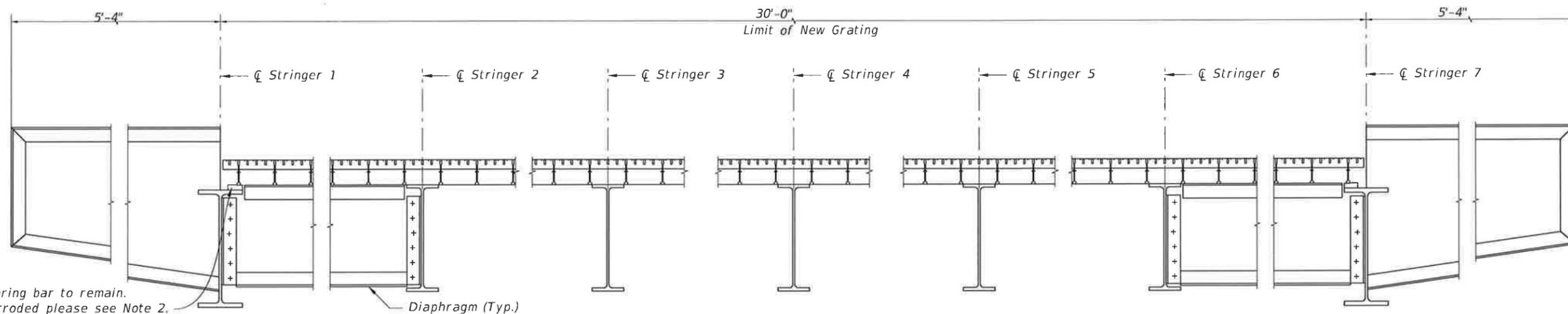
- A. Mobilization shall be paid for under item 0101-1, as a lump sum. The cost of maintaining, operating and berthing the boat for inspection access by the Engineer shall be incidental to this item.
- B. Pay Item 102-1, Maintenance of Traffic, includes the cost for maintaining all MOT, vehicular, pedestrian and boat traffic.
- C. Pay Item 102-71-14, Barrier Wall, Temporary, F&I, Type K, includes the cost for all incidental items required to secure the temporary barriers to the steel grid deck including, but not limited to, bolts, nuts, plates and washers.
- D. Pay Item 401-70-3: Payment for grinding surfaces for finish.
- E. Pay Item 460-1-1: Payment for 500 pounds of possible bearing plates.
- F. Pay Item 504-1-1: Payment for installation of new galvanized 5" 4-way steel grating. Furnishing and installation of angles and 20 Ga. pan, crane pickup plates, and lock opening center plate.

The Contractor shall adjust the new steel grating to match the elevation of the adjacent bridge deck elevations by raising the bridge with jacking and shim plates or reducing the grating elevation by grinding the bearing bars. The cost for this leveling of the new deck shall be included in Pay Item 504-1-1. All incidental items including, but not limited to, jacking, shim plates, and all tools, materials and labor required to achieve matching the elevations shall be included in this pay item. Payment for striping the new steel grating with traffic pavement markings shall be incidental to this pay item.



BRIDGE NO. 120001

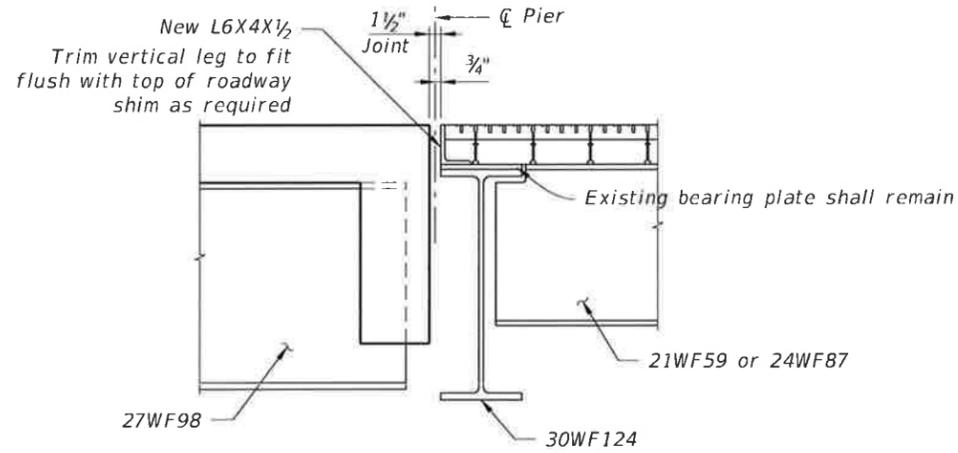
REVISIONS						TYLIN INTERNATIONAL 12802 TAMPA OAKS BLVD., SUITE 245 TAMPA, FL 33637 TEL. (813) 972-9444 Cert. of Authorization No. 00002017 Boon K. Chong, P.E. 48156	DRAWN BY: DFB 10-12 CHECKED BY: AHA 10-12 DESIGNED BY: FZ 10-12 CHECKED BY: BKC 10-12	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET TITLE: GENERAL NOTES (2 OF 2)	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
12/31/2012	BKC	Revision addendum 1 - Adjust steel grating and restripe the grating.					80	LEE	431714-1-52-01	BILLY'S CREEK BRIDGE REHABILITATION BRIDGE NUMBER 120001	4	



Existing Bearing bar to remain.
If bar is corroded please see Note 2.

Diaphragm (Typ.)

SECTION A-A
(View looking upstation)



SECTION B-B

Notes:

1. Section A-A and Section B-B are taken from plan view on see Sheet 11.
2. If the bearing plate is found to be corroded, it shall be ground to top flange of stringer. Contractor shall provide new bearing plate with counter sunk bolt connection at 6" spacing and stagger at 2" spacing laterally. Bearing plate size and thickness shall be field measured.
3. The Contractor shall provide all necessary methods to level the steel grating to adjacent concrete span elevations. This method may include, but is not limited to, the selection of steel grating height, adding shim plates at the bearing by jacking, or grinding of the bearing plates. The Contractor shall submit all adjustment plans to the Engineer for approval.
4. The Contractor shall provide new traffic striping on the steel grid deck after installation.



STEEL GRATING PANEL	TOLERANCES
Panel Width	± 1/4"
Panel Length	± 1/8"
Bar Offset	± 1/16"
Squareness	± 1/2" Measure Diagonally
Camber Width	0.005 x Width
Camber Length	0.003 x Length
Sweep	0.002 x Length
Main Bar Verticality	± 1/16"
Form Pan Location	± 1/8"

BRIDGE NO. 120001

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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
12/31/2012	BKC	Revision addendum 1 - Adjust steel grating and restripe the grating.					80	LEE	431714-1-52-01			

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