

Matthew G. Bevin Governor

COMMONWEALTH OF KENTUCKY TRANSPORTATION CABINET

Frankfort, Kentucky 40622 www.transportation.ky.gov/

Greg Thomas Secretary

April 13, 2017

CALL NO. 115

CONTRACT ID NO. 172980

ADDENDUM # 1

Subject: Kenton County, HPP 0758 (100)

Letting April 28, 2017

- (1) Revised Plans M3 & M5
- (2) Revised Summary Pages 139-140 of 239
- (3) Revised Contractors Acceptance Page 153 of 239
- (4) Revised Special Note Page 154 of 239

Proposal revisions are available at http://transportation.ky.gov/Construction-procurement/.

Plan revisions are available at http://www.lynnimaging.com/kytransportation/.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

Rachel Mills, P.E.

Director

Division of Construction Procurement

Kachel Mille

RM:ks

Enclosures



SUPERSTRUCTURE NOTES (CONTINUED)

PROHIBITED FIELD WELDING: Except as noted in these plans and in the Special Notes, no welding of any nature shall be performed on the load carrying members of the bridge without the written consent of the Director, Division of Structural Design, and then only in the manner and at the locations designated in the authorization.

MILL TEST REPORTS: Notarized test reports shall be furnished in triplicate to the Department showing that all the materials used for their repairs conform to the requirements of the plans and specifications.

PAINT: All new steel and all existing faying surfaces where new steel is to be installed shall be cleaned and receive a prime coating from the Department's list of Approved Materials for Bridge Coatings, Class I (Type I, II, III or IV) before any new steel is installed. Clean all new steel in accordance with Section 607 of the Standard Secifications. Clean all existing steel specified to an SSPC-SP 15 (Commercial Grade Power Tool Cleaning). Equip all power tools with vacuum shrouds and with HEPA filters fitted at their air exhausts. Maintain and operate all vacuum shrouded power tools to collect generated debris. Necessary touch up/repair of the shop applied prime coat on the new steel may be performed in the field. All costs for cleaning and painting the new and existing steel shall be incidental to the unit price bid for the most applicable bid items.

See the expansion joint note on Sheet M2 for coating requirements for the steel components at joint replacements on the Ohio approach.

RESIDUAL LEAD: Residual lead paint may still be on the structure. The Contractor is advised to take all necessary protective measures including worker safety and environmental regulations when performing all work specified in the contract. The Department will not consider any claims based on residual lead paint.

TOUCH-UP PAINTING: All areas of new or existing structural steel on which the paint has been damaged by the Contractor with weld burns or by other means during construction shall be touched up per the procedures listed for painting in the Special Notes. The cost for this work shall be incidental to the unit price bid for the most applicable bid items.

PAYMENT FOR STRUCTURAL STEEL REPAIRS: The unit price bid for all structural steel repair bid items listed in the estimate of quantities shall be full compensation for all access, removal, drilling, reaming, cutting, welding, removing deteriorated metal, and all new materials, labor, equipment, tools, and incidentals necessary to complete each item of work.

SETTING AND TEMPORARY SUPPORTING JOINTS: The Contractor, with approval of the Engineer, may use an alternate method of setting and temporarily supporting the joint rails prior to placing concrete. There shall be no additional cost to the Department if an alternate method is approved.

RIVER NAVIGATION: Continuous maintenance of safety of river navigation throughout the term of the project shall be a prime consideration. All work involving the installation or removal of structural elements beneath the bridge deck shall cease when there is approaching river traffic. This work shall not resume until the river traffic is clear of the bridge area.

The Contractor must advice the Coast Guard of the Contractor's proposed schedule of work at least 10 days prior to the commencement of any field operations.

Commander 2nd Coast Guard District 1430 Olive Street St. Louis, Missouri 63103 (314) 425-4607

RAILROAD GENERAL NOTES

MEANS AND METHODS: The Contractor shall develop a detailed submission indicating the progression of work with specific times when tasks will be performed for work activities that are on or in the vicinity of the CSXT property. This submission may require a walkthrough at which time CSXT and/or the CSXT Representative will be present. Work will not be permitted to commence until the Contractor has provided CSXT with a satisfactory plan that the project will be undertaken without scheduling, performance or safety related issues. Provide a listing of the anticipated equipment to be used, the location of all equipment to be used and ensure a contingency plan of action is in place should a primary piece of equipment malfunction. All work in the vicinity of CSXT property that has the potential of affecting CSXT train operations must be submitted and approved by CSXT prior to work being performed. This submission will also include a detailed narrative discussing the coordination of project safety issues between Contractor, CSXT and the CSXT Representative. The narrative shall address project level coordination and day to day, specific work operations including crane and equipment operations, erection plans and temporary works.

DEMOLITION PROCEDURES: Demolition procedures are required to be submitted to CSXT. or the CSXT Representative. in accordance with the CSXT Construction Submission Criteria, last revised February 23, 2015. The CSXT Construction Submission Criteria should be referred to and complied with prior to the preparation of submissions, as it contains specific requirements that could impact the Contractor $\frac{5}{32}$ s material selection and methods or operations for work near the railroad. Revisions to Contractor submissions may not be field approved. Any deviation(s) from a previously accepted plan including equipment substitutions will require a formal resubmission of the procedure for review and acceptance prior to performing any work. A Professional Engineer in the State of Ohio must sign and seal the plans. Up to thirty (30) days will be required to review all construction submissions. Up to an additional thirty (30) days will be required to review any subsequent submissions returned not approved.

construction schedule for the duration of the project clearly indicating the time periods while working on and around CSXT right-of-way. As the work progresses, this schedule shall be updated and resubmitted as necessary to reflect changes in work sequence, duration and method, etc.

EMERGENCY ACTION PLAN: Submit an emergency action plan indicating the location of the site, contact numbers, access to the site, instructions for emergency response and location of the nearest hospitals. This plan should cover all items required in the event of an emergency at the site including fire suppression. Coordinate the Emergency Action Plan with the safety related discussion of the Means and Methods submission discussed above. The plan should also include a method to provide this information to each project worker for each day on site.

CSX RAILROAD FIRE PREVENTION SYSTEM: If any grinding, cutting, welding or torching of steel, above the railroad span will occur, or any other activity that could generate fire related sparks above the Railroad spans, then CSX must have their Railroad Fire Prevention System in place. CSX's Railroad Fire Prevention System includes having a water truck (rail mounted) on the structure for the duration of the work. Operators will need, at a minimum, to spray down the structure before any work occurs and again after all work is complete (additional spray downs may be needed based on actual weather conditions). The water truck and operators will remain on site at least 4 hours after the work is complete to inspect the structure again. Coordination of this work can take up to 30 days before the work can occur.

_	4.4 7 74 4	
DETAILED BY: S. Ribble	C. Perry	
DESIGNED BY: S. Ribble	C. Perry	
DATE: March 24, 2017	CHECKED BY	
REVISION		
Added Railroad General N	lotes 04/12/	117
		_

Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS

KENTON

ROUTE CROSSING OHIO RIVER

GENERAL NOTES – 2

PREPARED BY

BURGESS & NIPLE
Engineers - Architects - Planners

DRAWING NO. **27677**

SHEET NO.

SUPERSTRUCTURE NOTES (CONTINUED)

PROHIBITED FIELD WELDING: Except as noted in these plans and in the Special Notes, no welding of any nature shall be performed on the load carrying members of the bridge without the written consent of the Director, Division of Structural Design, and then only in the manner and at the locations designated in the authorization.

MILL TEST REPORTS: Notarized test reports shall be furnished in triplicate to the Department showing that all the materials used for their repairs conform to the requirements of the plans and specifications.

PAINT: All new steel and all existing faying surfaces where new steel is to be installed shall be cleaned and receive a prime coating from the Department's list of Approved Materials for Bridge Coatings, Class I (Type I, II, III or IV) before any new steel is installed. Clean all new steel in accordance with Section 607 of the Standard Secifications. Clean all existing steel specified to an SSPC-SP 15 (Commercial Grade Power Tool Cleaning). Equip all power tools with vacuum shrouds and with HEPA filters fitted at their air exhausts. Maintain and operate all vacuum shrouded power tools to collect generated debris. Necessary touch up/repair of the shop applied prime coat on the new steel may be performed in the field. All costs for cleaning and painting the new and existing steel shall be incidental to the unit price bid for the most applicable bid items.

See the expansion joint note on Sheet M2 for coating requirements for the steel components at joint replacements on the Ohio approach.

RESIDUAL LEAD: Residual lead paint may still be on the structure. The Contractor is advised to take all necessary protective measures including worker safety and environmental regulations when performing all work specified in the contract. The Department will not consider any claims based on residual lead paint.

TOUCH-UP PAINTING: All areas of new or existing structural steel on which the paint has been damaged by the Contractor with weld burns or by other means during construction shall be touched up per the procedures listed for painting in the Special Notes. The cost for this work shall be incidental to the unit price bid for the most applicable bid items.

PAYMENT FOR STRUCTURAL STEEL REPAIRS: The unit price bid for all structural steel repair bid items listed in the estimate of quantities shall be full compensation for all access, removal, drilling, reaming, cutting, welding, removing deteriorated metal, and all new materials, labor, equipment, tools, and incidentals necessary to complete each item of work.

SETTING AND TEMPORARY SUPPORTING JOINTS: The Contractor, with approval of the Engineer, may use an alternate method of setting and temporarily supporting the joint rails prior to placing concrete. There shall be no additional cost to the Department if an alternate method is approved.

RIVER NAVIGATION: Continuous maintenance of safety of river navigation throughout the term of the project shall be a prime consideration. All work involving the installation or removal of structural elements beneath the bridge deck shall cease when there is approaching river traffic. This work shall not resume until the river traffic is clear of the bridge area.

The Contractor must advice the Coast Guard of the Contractor's proposed schedule of work at least 10 days prior to the commencement of any field operations.

Commander 2nd Coast Guard District 1430 Olive Street St. Louis, Missouri 63103 (314) 425-4607

RAILROAD GENERAL NOTES

MEANS AND METHODS: The Contractor shall develop a detailed submission indicating the progression of work with specific times when tasks will be performed for work activities that are on or in the vicinity of the CSXT property. This submission may require a walkthrough at which time CSXT and/or the CSXT Representative will be present. Work will not be permitted to commence until the Contractor has provided CSXT with a satisfactory plan that the project will be undertaken without scheduling, performance or safety related issues. Provide a listing of the anticipated equipment to be used, the location of all equipment to be used and ensure a contingency plan of action is in place should a primary piece of equipment malfunction. All work in the vicinity of CSXT property that has the potential of affecting CSXT train operations must be submitted and approved by CSXT prior to work being performed. This submission will also include a detailed narrative discussing the coordination of project safety issues between Contractor, CSXT and the CSXT Representative. The narrative shall address project level coordination and day to day, specific work operations including crane and equipment operations, erection plans and temporary works.

DEMOLITION PROCEDURES: Demolition procedures are required to be submitted to CSXT, or the CSXT Representative, in accordance with the CSXT Construction Submission Criteria, last revised February 23, 2015. The CSXT Construction Submission Criteria should be referred to and complied with prior to the preparation of submissions, as it contains specific requirements that could impact the Contractor $\frac{5}{32}$ s material selection and methods or operations for work near the railroad. Revisions to Contractor submissions may not be field approved. Any deviation(s) from a previously accepted plan including equipment substitutions will require a formal resubmission of the procedure for review and acceptance prior to performing any work. A Professional Engineer in the State of Ohio must sign and seal the plans. Up to thirty (30) days will be required to review all construction submissions. Up to an additional thirty (30) days will be required to review any subsequent submissions returned not approved.

construction schedule for the duration of the project clearly indicating the time periods while working on and around CSXT right-of-way. As the work progresses, this schedule shall be updated and resubmitted as necessary to reflect changes in work sequence, duration and method, etc.

EMERGENCY ACTION PLAN: Submit an emergency action plan indicating the location of the site, contact numbers, access to the site, instructions for emergency response and location of the nearest hospitals. This plan should cover all items required in the event of an emergency at the site including fire suppression. Coordinate the Emergency Action Plan with the safety related discussion of the Means and Methods submission discussed above. The plan should also include a method to provide this information to each project worker for each day on site.

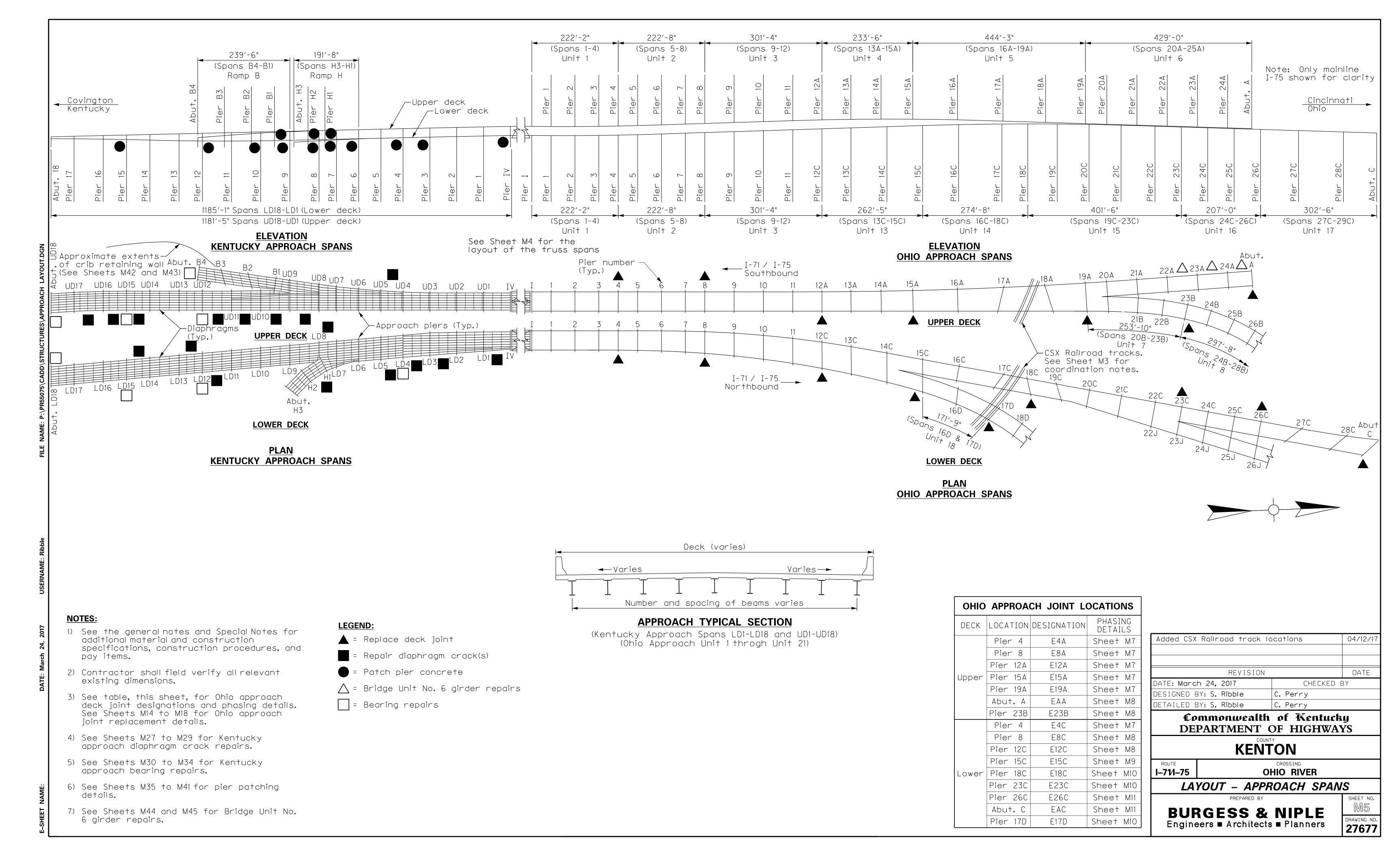
CSX RAILROAD FIRE PREVENTION SYSTEM: If any grinding, cutting, welding or torching of steel, above the railroad span will occur, or any other activity that could generate fire related sparks above the Railroad spans, then CSX must have their Railroad Fire Prevention System in place. CSX's Railroad Fire Prevention System includes having a water truck (rail mounted) on the structure for the duration of the work. Operators will need, at a minimum, to spray down the structure before any work occurs and again after all work is complete (additional spray downs may be needed based on actual weather conditions). The water truck and operators will remain on site at least 4 hours after the work is complete to inspect the structure again. Coordination of this work can take up to 30 days before the work can occur.

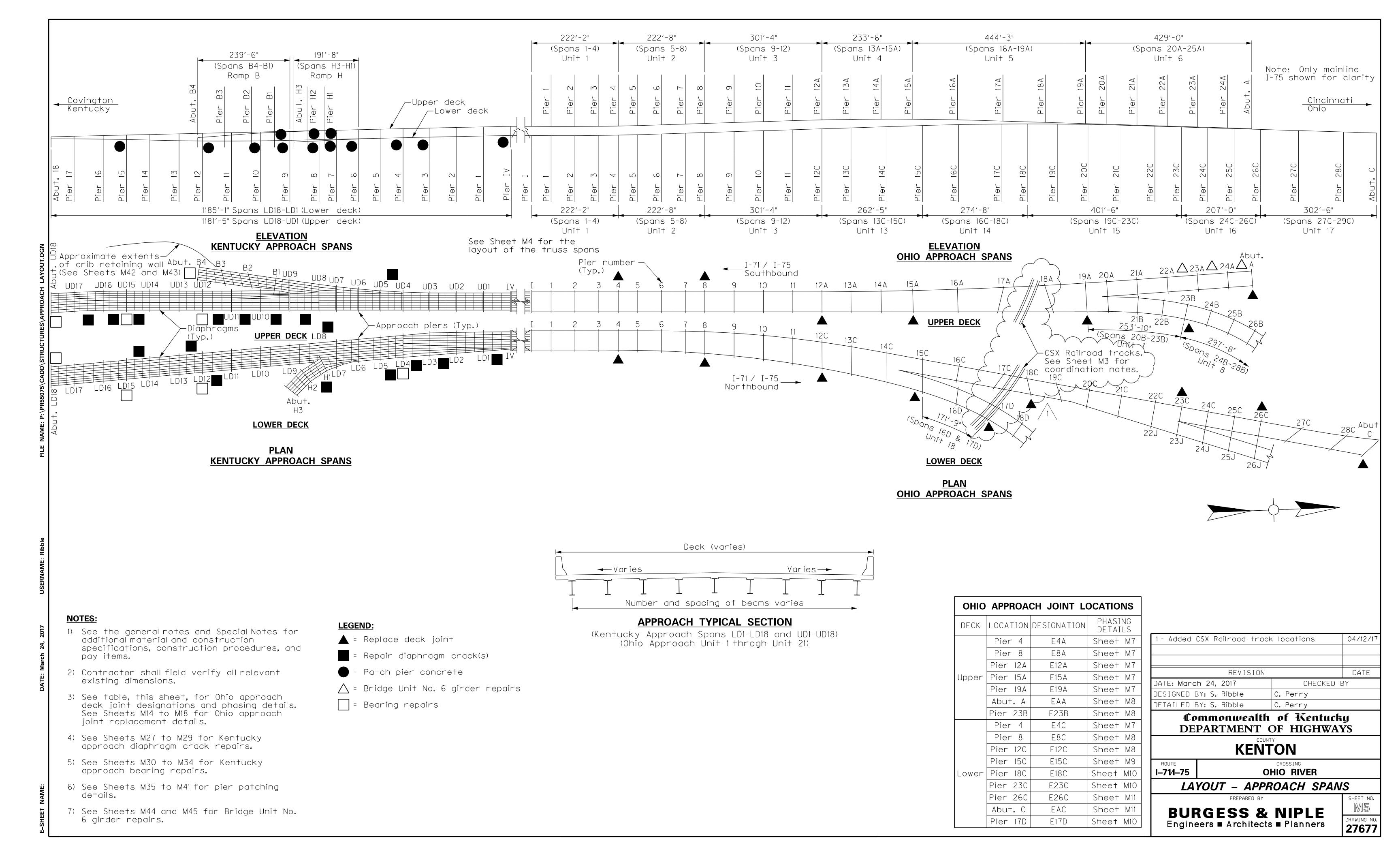
1 - Added Railroad General Notes		04/12/17		
REVISION		DATE		
DATE: Marc	ATE: March 24, 2017 CHECKED BY		3 Y	
DESIGNED E	BY: S. Ribble	C. Perry		
DETAILED E	BY: S. Ribble	C. Perry		
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS				
KENTON				
ROUTE I-71/I-75	CROSSING OHIO RIVER			
GENERAL NOTES - 2				
	PREPARED BY		SHEET NO.	

BURGESS & NIPLE

Engineers ■ Architects ■ Planners

27677







Kentucky Transportation Cabinet Division of Right of Way & Utilities

Contract ID: 172980 Page 139 of 239 REVISED ADDENDUM #1: 4-13-17 TC 69-008 08/2010

Page 1 of 2

SUMMARY FOR KYTC PROJECTS THAT INVOLVE A RAILROAD

Date: 3/28/2017 (enter using M/d/yyyy format)

This project actively involves the below listed railroad company. This Project Summary provides an abbreviated listing of project specific railroad data. The detailed needs of the specified railroad company are included in the Special Notes for Protection of Railroad Interest in the proposal package. By submitting a bid, the contractor attests that they have dutifully considered and accepted the provisions as defined in both documents.

GENERAL ROAD PROJECT INFORMATION (This section must be provided by KYTC)

County: Kenton

 Federal Number:
 DBP 0758 (086)

 State Number:
 FD52 059 72003 02D

Route: <u>1-75</u>

Project Description: Covington - Cincinnati Ohio River Bridge and KY and OH Approaches

Item Number: 06-17.04 **Highway Milepost:** 191-192

GENERAL RAIL INFORMATION (The below sections must be provided by Railroad Company)

Rail Company Name: <u>CSX Transportation, Inc.</u>

AAR-DOT# (if applicable): 229 491N, 229 490G, 229 489M Railroad Milepost: CA-664.54, CA-664.52, CA-

664.50

Train Count (6pm to 6pm): 12 Train Count (6pm to 6am): 16 Train Count (24 hr total): 28

Maximum Train Speed: 10 mph

(This information is necessary to acquire the necessary insurances when working with Railroad Right of Way)

INSURANCE REQUIREMENTS

The named insured, description of the work and designation of the job site to be shown on the Policy are as follows:

- (a) Named Insured: CSX Transportation, Inc.
- (b) The project description should be as indicated in the General Road Project Information section.
- (c) The designation of the jobsite is the route, Milepost, and AAR-DOT# listed above.

FLAGGING INFORMATION

Flagging Estimate:

KYTC will be responsible for paying all flagging costs to the RR.

Hourly Rate:

\$1019.00 per day based on a 8 hour day effective as of the date of this document.

Work by a flagman in excess of 8 hours per day or 40 hours per week, but not more than 12 hours a day will result in <u>overtime pay at 1 ½ times the appropriate rate.</u> Work by a flagman in excess of 12 hours per day will result in <u>overtime pay at 2 times the appropriate rate.</u> If work is performed on a <u>holiday, the flagging rate is 2 ½ times the normal rate.</u>

Forecasted Rate Increases:

Rates will increase to \$0.00 per hour based on a 0 hour day effective _____ (enter using M/d/yyyy format).

Contract ID: 172980 Page 140 of 239

REVISED ADDENDUM #1: 4-13-17

RAILROAD CONTACTS

(to be provided by Railroad Company)

General Railroad Contact:

Troy Creasy

CSX Transportation, Inc.

Public Projects Group

1610 Forest Ave., Suite 120

Richmond, VA 23229

(Phone) 804-226-7718

(Email) Troy Creasy@csx.com

Regional Representative (Roadmaster):

Monte Stokes

CSX Transportation, Inc.

3601 Geringer Street

Cincinnati, OH

(Phone) <u>513-369-5524</u>

(Email) monte stokes@csx.com

Insurance contact:

CSX Corporation

Insurance Department

(Phone)

(Email) insurancedocuments@csx.com

Railroad Designer Contact:

Contractor or In-House Employee? Consultant

Larry Shaw

Benesch

201 N. Illinois St.

16th Floor South Tower

Indinapolis, IN 46204

(Phone) <u>317-610-3241</u>

(Email) LShaw@Benesch.com

Railroad Construction Contact:

Contractor or In-House Employee? Consultant

Wayne Bolen

Benesch

201 E Fifth Street

Suite 1900

Cincinnati, OH 45202

(Phone) 859-250-5483

(Email) WBolen@Benesch.com

KENTUCKY TRANSPORTATION CABINET CONTACTS

(to be provided by KYTC)

KYTC Railroad Coordinator:

Allen Rust, PE

Div. of Right of Way & Utilities

Kentucky Transportation Cabinet

200 Mero Street, 5th Floor East

Frankfort, Kentucky 40622

(Phone) 502-782-4950

(Email) allen.rust@ky.gov

KYTC Construction Procurement Director:

Rachel Mills, Director

Div. of Construction Procurement

Kentucky Transportation Cabinet

200 Mero Street, 3rd Floor West

Frankfort, Kentucky 40622

(Phone) 502-782-5152

(Email) Rachel.Mills@ky.gov

KYTC Construction Director:

Ryan Griffith, Director

Div. of Construction Procurement

Kentucky Transportation Cabinet

200 Mero Street, 3rd Floor West

Frankfort, Kentucky 40622

(Phone) 502-782-5127

(Email) ryan.griffith@ky.gov



The project specific information provided herein is valid as of the date indicated. However, the specific information may be subject to change due to the normal business operations of all parties. The terms and conditions defined here, and in the bid proposal in its entirety, are inclusive and constant.

Contract ID: 172980 Page 153 of 239 REVISED ADDENDUM #1: 4-13-17

Cincinnati, Hamilton County, OH KYTC Project No. FD52 059 72003 02D

CSXT Milepost: CA-664.54, CA-664.52, CA-664.50

CSXT OP No.: KY0362

EXHIBIT D

CONTRACTOR'S ACCEPTANCE

To and for the benefit of the <i>Company</i> , ("Company)	any") and to induce the Company to
permit Contractor on or about Company's property for	the purposes of performing work in
accordance with the Agreement dated	, 20, between the Commonwealth of
Kentucky Transportation Cabinet, Department of Highward	ways and the <i>Company</i> , Contractor
hereby agrees to abide by and perform all applicable ter	rms of the Agreement, including,
particularly Exhibits B and C as included herein.	
Contractor	; <u> </u>
By	:
Na	me:
Titl	le:
Dat	te:

Contract ID: 172980 Page 154 of 239 REVISED ADDENDUM #1: 4-13-17

SPECIAL NOTE FOR PRE-BID CONFERENCE DISTRICT 6 ~ KENTON COUNTY CID Number 172980

The Department will conduct a Mandatory Pre-Bid Conference of the subject project on Tuesday, April 18, 2017 at 10:00 AM EST at;

KYTC District 6 Office 421 Buttermilk Pike Covington, KY 41017 Phone: (859) 341-2700

Any company that is interested in bidding on the subject project or being part of a joint venture shall be represented at the conference by at least <u>one person of sufficient authority to bind</u> the company. No individual can represent more than one company. At the conference, a roster shall be took of the representatives present. Only companies represented at the conference and during the field review will be eligible to have their bids opened at the date of letting.

The purpose of the conference is to familiarize all prospective bidders with the contract requirements within the scope of the contract.

Department of Highways officials and project managers present at the conference will answer questions concerning the projects.