Roebling Virtual Pre-Bid Meeting Minutes

Meeting NamePre-Bid Meeting

Project Number

CID 20-2992

6-10005.00

Meeting Date September 15, 2020

September 15, 2020 Time 1:30 PM

Location

Conference Call

Project Team Attendees
Daryl Greer, KYTC
Nick Reis, KYTC
Tom Mathews, KYTC
Randy Crawford, KYTC
Craig Klusman, AECOM
Tony Mette, THP

Contractor Attendees
Bill Kinniard, BrandSafway

David Cooper, Brayman Construction Corp. Kevin Cook, Brayman Construction Corp. Dennis Smith, Brayman Construction Corp.

Todd Kisor, Buckeye C&R Chris Hutchinson, Buckeye C&R

Byron Ogger, Intech Brad Wilder, Intech Jeff Houchin, Intech

Dawson Rogers, LRT Restoration
Brian Tsen, LRT Restoration
Phil Mauney, M&M Services
Becky Smith, M&M Services
Jeff McMahon, M&M Services
Henry Frondorf, Prus Construction
John Mussman, SSRG
Brad Rogers, SSRG
Bryan Erickson, SSRG

Tim Steinrock, Steinrock Roofing & Sheet Metal

Project Name Roebling Bridge Preventative Maintenance Repairs

Attendance

Daryl Greer took attendance at the beginning of the meeting.

An attendance affidavit is required to be sent to Daryl Greer by 4:30 pm on September 16, 2020.

Introduction

The pre-bid meeting was opened with a brief overview of the project team and schedule.

- 1. This pre-bid meeting is for the Roebling Bridge Preventative Maintenance Repairs. Attendance at this virtual meeting is required in order to be eligible to submit a bid on the project.
- 2. The purpose of the meeting is to introduce the project and provide an opportunity for the contractors to pose questions.
- 3. The second mandatory on-site pre-bid meeting will be held September 16, 2020 at 1:30 pm. Attendance at the August 13, 2020 on-site meeting also fulfils the attendance requirement.

Meeting Presentation

Craig Klusman (AECOM) presented an overview of the project repairs using a PowerPoint presentation and the Contract Plans.

Question & Answers

- 1. Henry Frondorf:
 - a. Question: What is the reason for the re-bid?
 - b. Answer: No reason can be provided.
- Henry Frondorf:
 - a. Question: Has anything changed from the original bid scope or quantities?
 - b. Answer: The plans and quantities have not changed. The special notes have been modified to address the Q&A from the previous letting and some other minor changes.
- 3. John Mussman:
 - a. Question: What payment item will removing the debris net fall under?
 - b. Answer: Payment for the removal of the debris collection system shall be incidental to "Removal of Deteriorated Masonry" and payment for masonry repairs to the collection system anchor locations shall be incidental to the bid item "Masonry Patching Repair".

Addendums

1. The PowerPoint presentation will be uploaded on the KYTC Contract Procurement website under Project Related Information. The PowerPoint presentation should not be considered part of the Contract Documents and should be used for information purposes only.

No other questions were asked, and the meeting adjourned at 2:30 pm. End of Minutes.

1

ROEBLING

REHABILITATION VIRTUAL PRE-BID MEETING
CID 202992
ITEM NO. 6-10005.00
SEPTEMBER 15, 2020

PRE-BID MEETING INFORMATION

- Pre-Bid Mandatory Virtual Meeting: September 15, 2020
 - ▶ Attendance via affidavit due September 16, 2020 @ 4:30 PM
- ▶ Pre-Bid Mandatory Site Visit:
 - ► August 13, 2020 or September 16, 2020 @ 1:30 PM
 - Meet between Anchorages 1 & 2 (Ohio) Checkerboard
 - ► Central Riverfront Garage
 - 2 attendees maximum per company
 - ► Attendee Requirements
 - ► Appropriate high-visibility PPE
 - ▶ Wear masks
 - ▶ Observe social distancing



Agenda

- ▶ Project Team Introductions
- ► Project Schedule
- ▶ Repairs
 - ▶ Tower Masonry
 - ► Anchorage 1 South Face
 - ► Anchorage 2 Restoration
 - ► Deck & Sidewalk Repairs
 - ► Waterproofing Zipper Boot Retrofit
 - ► Suspender Collar Repairs
 - ► Anchor Bolt Retrofit Towers
 - ► Anchor Bolt Retrofit Anchorage 2
 - ► Tower Roof & Turret Repairs
- Questions

PROJECT TEAM

- ► KYTC District 6
- ► AECOM
- ► THP



PROJECT SCHEDULE

- ► LETTING DATE: SEPTEMBER 25, 2020
- ► MAINTENANCE OF TRAFFIC
 - ▶ FULL CLOSURE: February 15, 2021 through November 15, 2021
 - ▶ Liquidated damages enforced if one-lane not open by November 15, 2021
 - ▶ ONE-LANE CLOSURE: NTP through December 31, 2021
 - ▶ PEDESTRIAN: Must maintain at least one sidewalk at all times
- ► COMPLETION DATE: December 31, 2021
 - ▶ Liquidated damages enforced if completion date not met

Plans

- ► Drawing Number 28345
- ► General Notes (Sheet S02)
 - ► Lead Paint Note
 - ► Load Posting



Q&A from August 21 Advertisement

▶ <u>Most</u> Answers Incorporated in Revisions to Special Notes.

Q/A#	County	v Question	Answer
1	Kenton	There are several bid items shown on the plans and proposal notes that are not listed in the proposal bid items. Please advise.	An addendum will be posted to revise the bid items.
2	Kenton	In regard to Plan Sheet S31 - Key Note 1 on page 132 of the proposal, will there be any additional information about what is required and will a bid item be added for this work?	During roof and gutter repairs, the contractor is to report to the engineer deteriorated or loose copper sections of the standing seam roof system that may have occurred since document development. Work item cost is incidental to REPAIR (ROOFING & GUTTERS).
3	Kenton	Are Both Types of ANCHOR BOLT RETROFITS included in the same bid item?	No. An addendum will be posted to revise the bid items.
4	Kenton	Will the Department consider a bid date extension of one week?	No. The bid date will not be extended.
5	Kenton	What is the extent of the repointing of masonry? Is this limited to the repaired areas or the entire structure?	The Contractor shall repoint all masonry joints throughout the Masonry Project Limits, as defined on Sheet S6 Note 3, and the tower rails.
6	Kenton	What is the extent of masonry cleaning? Is this limited to the repaired areas or the entire structure?	Masonry cleaning, as described in Section 4.8 of the Special Note for Masonry/Stone Repairs, is limited to the tower bridge rails.
7	Kenton	The sequence of construction shown in the special note for anchorage 2 arch waterproofing requires the work to be phased. The design does not include a temporary bulkhead at the phase line to encapsulate the granular embankment. Will the department allow for a stay-in-place bulkhead at this phase line?	The successful bidder may submit a proposed bulkhead scheme to the Engineer for review and acceptance. The scheme shall have provisions to allow for drainage throughout the bulkhead and shall be removed 12" below the bottom of the proposed roadway slab.
В	Kenton	The Special Note for Anchorage 2 Arch Waterproofing, Section E limits contractors to lightweight construction equipment on or around the arch once the asphalt has been removed. Will the contractor be permitted to use conventional equipment above the backfilled phase 1 work area while working in phase II?	Equipment not weighing more than the posted limits on the bridge will be allowed.
		Do all lights on the bridge need to stay functional during the Road Closure or can they be powered	Navigation lighting and pedestrian lighting on the open sidewalk shall be maintained. Other

MASONRY



MASONRY PROJECT LIMITS

- ▶ Upper 25' of South & North Towers
 - ► Includes railings at top of towers
 - ▶ Remove North Tower debris collection system
- ► Anchorage 1 South Face
- Intrados of Anchorage 2 Arches
- ► Anchorage 2 South Face







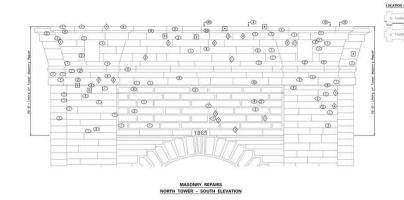






MASONRY REPAIR EVALUATION

- ▶ 2018 In-Depth Inspection
 - ► 4 Inspectors Rappelling
- ► AECOM Transcribed Locations onto Repair Plans
 - ▶ Written Field Notes
 - ▶ Photographs
 - ► Engineering Judgement



LEGEND:

© Composite Patching - Quantity in SF

Dutchman - Quantity in SF

Masonry Crack - Quantity in LF
 Whole Stone

MASONRY REPAIR EVALUATION

- Determine Final Repair Types in Field
 - ► S5 Masonry Repair Schemes
 - Special Note for Masonry Repairs
 - Additional quantity added to account for unknowns
 - ▶ Depth of sound concrete
 - ▶ Deterioration since 2018 Inspection
 - AECOM & THP to assist in masonry repair determinations in field
- Contractor to host bi-weekly meeting for KYTC, AECOM, and other necessary parties throughout construction
- ► Contractor to submit plan sheets showing final repair locations and quantities for Patching, Dutchman & Crack Repairs per plan note #5 on S6



Removal of Deteriorated Concrete & Repointing

- ▶ PURPOSE
 - ► Masonry Restoration
 - ► Resolve Issue of Falling Masonry
- ► SCOPE
 - ► Throughout all Masonry Project Limit



Masonry Patching Repair & Crack Repair

- PATCHING SCOPE
 - ► AREAS < 4" DEEP
 - Includes previous repairs that are debonded
- ► CRACK REPAIR
 - ► CRACKS > 1/8" WIDE



Dutchman Repair

► AREAS > 4" DEEP



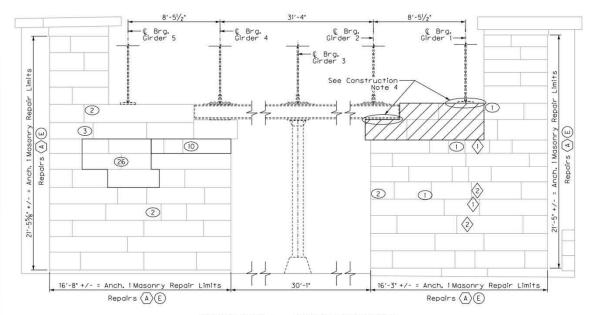


ANCHORAGE 1 SOUTH FACE



ANCHORAGE 1 SOUTH FACE

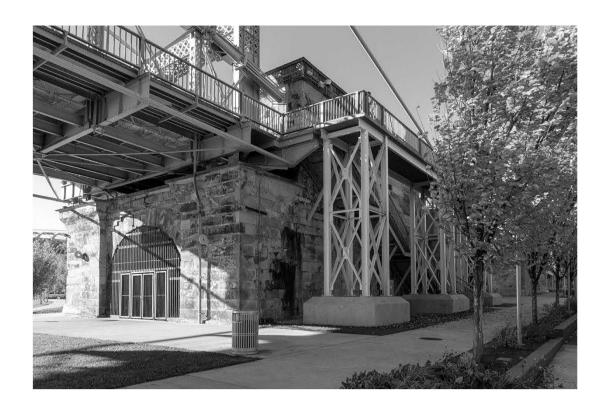
- ► Masonry Repairs & Construction of East Bearing Seat
 - ► Construction of seat shall be done during full-closure





ANCHORAGE 1 - SOUTH ELEVATION

ANCHORAGE 2



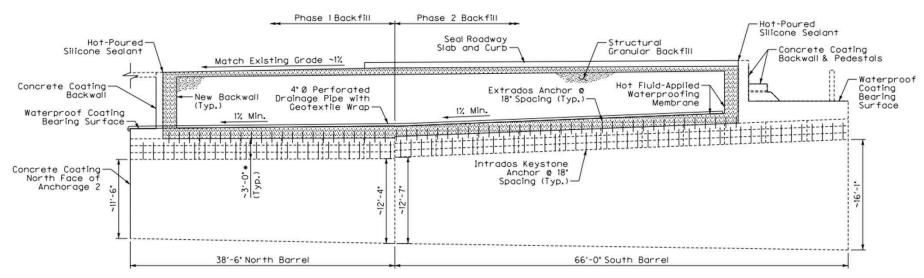


ANCHORAGE 2 SUMMARY OF WORK

- ► Excavation over North & South Arches
- Construction of Arch Slab & Drainage Components
 - Masonry Anchors
- ▶ Placement of Backfill
- Construction of Roadway Slab
- Restoration of Bearing Areas
- Masonry Repair of South Face of Anchorage 2
- Concrete Repair of North Face of Anchorage 2
- Masonry Repair of Arch Intrados



ANCHORAGE 2 SECTION VIEW



SECTION C-C

(Superstructure & Rebar not shown for clarity)
*Contractor shall consult with Engineer if actual dimension varies significantly

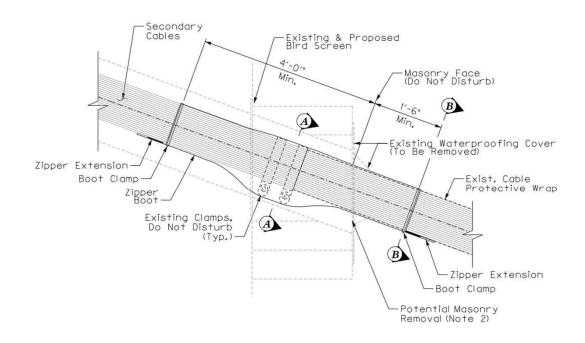


Deck & Sidewalk Repairs





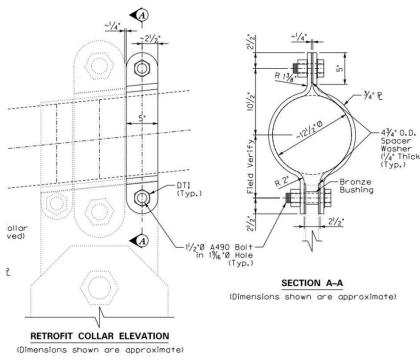
Waterproofing Zipper Boot Retrofit



TYPICAL SECONDARY CABLE LOCATION ELEVATION

Suspender Collar Repair





Anchor Bolt Retrofit – Towers





Truss Bearing Anchor Bolt Retrofit – Anchorage 2





MISCELLANEOUS BRIDGE REPAIRS





TOWER ROOF & RAIL REPAIRS

- ► Railing Stone Repairs
- Drainage Trough Repairs
- Concrete Repairs of Roof Surface
- Miscellaneous Steel Cleaning & Painting
- Install Waterproof Coating





TURRET & ANCHORAGE ROOF REPAIRS

- Installation of new Copper Drainage Components
- Cleaning & Installation of Water Repellant on Brick Veneer
- ► Miscellaneous Sealing



The following persons attended the video conference on September 15, 2020, for the subject pre-bid meeting:

Bill Kinniard

Phone:

Attested by:	
Company Name:	BrandSafway Solutions, LLC
Printed Name:	Bill Kinniard
Signature:	
Title:	Account Manager
Company Address	1978 Jackson Road
City, State Zip	Hamilton, OH 45011

Return a scanned copy or photo of the completed affidavit to <u>daryl.greer@ky.gov</u> by 4:30 p.m. on September 16, 2020.

513-516-8126

The following persons attended the video conference on September 15, 2020, for the subject pre-bid meeting:

Kevin Cook		
David Cooper		
Dennis Smith		

Attested by:

Company Name:	Brayman Construction Corporation
Printed Name:	Kevin Cook
Signature:	2an L Cock
Title:	Construction Manager
Company Address	1000 John Roebling Way
City, State Zip	Saxonburg, PA 16056
Phone:	724-443-1533

The following persons attended the video conference on September 15, 2020, for the subject pre-bid meeting:

Attested by:

Company Name:	Buckeye Construction & Restoration, Ltd	
Printed Name:	Todd Kisor	
Signature:	Todal Nieses	
Title:	Project Estimator	
Company Address	405 Watertown Road	
City, State Zip	Waterford, OH. 45786	
Phone:	740-749-5735	

The following persons attended the video conference on September 15, 2020, for the subject pre-bid meeting:

Byron	Ogger	
Jeff	Houchin	
Brad	Wilder	

Attested by:

Company Name:	Intech Contracting, LLC
Printed Name:	Byron S. Ogger
Signature:	Bru Rose
Title:	Vice President
Company Address	3/3/ Custer Dr. #8
City, State Zip	Lexington Ky 40517
Phone:	859-272-0352

The following persons attended the video conference on September 15, 2020, for the subject pre-bid meeting:

Dawson Rogers	
Brian Tsen	

Attested by:

Company Name:	LRT Restoration Technologies
Printed Name:	Dawson Rogers
Signature:	
Title:	Project Manager
Company Address	990 N Main St.
City, State Zip	Monroe, OH 45050
Phone:	513-582-9793

The following persons attended the video conference on September 15, 2020, for the subject pre-bid meeting:

Jeffrey McMahon Resecca Smith	
Resecca Smith	
Phil Maurey	

Attested by:

Company Name:	M+M Services Co., Inc.
Printed Name:	Rebecca Smith
Signature:	RetuShtn
Title:	Bridge Project Manager.
Company Address	229 Midland Tr.
City, State Zip	Mt. Sterling KY 40353
Phone:	859-499-3201

The following persons attended the video conference on September 15, 2020, for the subject pre-bid meeting:

Henry Frondorf			

Attested by:

Company Name:	Prus Construction Company	
Printed Name:	Roger Cadle	
Signature:	And fall I	
Title:	Estimating Coordinator	
Company Address	5325 Wooster Road	
City, State Zip	Cincinnati, OH 45226	
Phone:	513-321-7774	

ATTENDENCE AFFIDAVIT PRE-BID VIDEO CONFERENCE DISTRICT 6 ROEBLING BRIDGE REPAIRS ITEM NO. 6-10005.00 CID Number 20-2992

The following persons attended the video conference on September 15, 2020, for the subject pre-bid meeting:

Timothy Steinrock

Phone:

Attested by:	
Company Name:	Steinrock Roofing & Sheet Metal Inc.
Printed Name:	Kristen Vittitow
Signature:	Bristen Velteten
Title:	
	Business Manager
Company Address	
	1034 Story Ave.
City, State Zip	

Return a scanned copy or photo of the completed affidavit to daryl.greer@ky.gov by 4:30 p.m. on September 16, 2020.

Louisville, KY 40206

502-587-1034

ATTENDENCE AFFIDAVIT PRE-BID VIDEO CONFERENCE DISTRICT 6 ROEBLING BRIDGE REPAIRS ITEM NO. 6-10005.00 CID Number 20-2992

The following persons attended the video conference on September 15, 2020, for the subject pre-bid meeting:

Attested by:

Company Name:	Structural Systems Repair Group, LLC	
Printed Name:	Bryan Erickson	
Signature:	Bulin	
Title:	VICE PRESIDENT OF OPERATIONS	
Company Address	2824 STANTON AVE	
City, State Zip	CINCINNATI OH 45206	
Phone:	513.751.7774	

Return a scanned copy or photo of the completed affidavit to <u>daryl.greer@ky.gov</u> by 4:30 p.m. on September 16, 2020.

Company Name:	Buckeye Construction & Restoration, Ltd.
Company Address	405 Watertown Road,
City, State Zip	Waterford, 0+1 45692
Phone:	740-749-5730
Name 1: Print & Signature	DAROTH BROWN - Dalit L. Br
Name 2: Print & Signature	Todd Kisor Todd Mison

ITEM NO. 6-10005.00 CID Number 202990

Company Name:	Delong Concrete UL
Company Address	948 Delong Rd
City, State Zip	Lexington Ky 40515
Phone:	859 273 658
Name 1: Print & Signature	Robert H. Lail Rought Les
Name 2: Print & Signature	Danial Holland Sprice And

Company Name:	Judy C. Harp Co
Company Address	385 Browns In
City, State Zip	Frankfort, KY 40401
Phone:	502-803-5737
Name 1: Print & Signature	Some Jones Langer
Name 2: Print & Signature	3 Jeans Jacop Starten Your

ATTENDENCE FIELD REVIEW DISTRICT 6

ROEBLING BRIDGE REPAIRS

ITEM NO. 6-10005.00 CID Number 202990

Company Name:	Intech Contracting, LLC
Company Address	3131 Custer Dr #8
City, State Zip	Lexington Ky 40517
Phone:	859 272 0352
Name 1: Print & Signature	Byron S. Ogger W John
Name 2: Print & Signature	Brad Wilder

Company Name:	
	Jave, Lic
Company Address	
	2148 ISLAND DR
City, State Zip	
	LEXINGTON KY 40502
Phone:	
	659-407-1241
Name 1:	
Print & Signature	Jeff Harrison Och
Name 2:	
Print & Signature	

Company Name:	JOHN Z. IVRGENSEN CO.
Company Address	11641 MOSTELLER RA.
City, State Zip	CINCINNATI, OH 45241
Phone:	(513) 771-0820
Name 1: Print & Signature	ROB DIERIG PASA
Name 2: Print & Signature	BLAKE DICKMANN BUDGA

Company Name:	Lang Masonry, INC
Company Address	• •
	405 WATERFORD Rd. WOTER FORD, Oh
City, State Zip	
Phone:	740-749-5833
Name 1:	Man 11 and Inc
Print & Signature	Mike King - MASS
Name 2:	
Print & Signature	CYLUS REYNOLDS - July

Company Name:	Lithko Resteration Technologies
Company Address	990 N. Main st. Monroe Otto 45050
City, State Zip	V.
Phone:	515-582-9793
Name 1: Print & Signature	Dawson Rosers Des
Name 2: Print & Signature	Tristen Hite Trister Hele

Company Name:	M+M Services Co, Inc.
Company Address	229 Midland Tr
City, State Zip	Mount Sterling Ky 40353
Phone:	859-499-3201
Name 1: Print & Signature	Jeffrey McMahon 2003
Name 2: Print & Signature	Rebecca Smith Rebush

CID Number 202990

Company Name:	Prus Construction
Company Address	5325 Wooster Rd.
City, State Zip	Cincinnati, OH 45229
Phone:	513-748-1507
Name 1: Print & Signature	HENRY FROMDONF ALE
Name 2: Print & Signature	

Company Name:	5512 G
Company Address	2824 Stanton Ave
City, State Zip	Cin 0H 45206
Phone:	513 751 7774
Name 1: Print & Signature	John Musspan Jalea
Name 2: Print & Signature	Cary Blankership

Company Name:	HGC Construction
Company Address	2814 Storton Ave
City, State Zip	Cin Ohio 45206
Phone:	513-317-4902 1111
Name 1: Print & Signature	Bill Browbeck Folker
Name 2: Print & Signature	

Company Name:	Imbus Roofing Co, Inc
Company Address	5 CHARLIN DR
City, State Zip	WILDER, KY 41076
Phone:	859 781-2260
Name 1: Print & Signature	John PARKS - John Parks
Name 2: Print & Signature	Steven sutton 191

Company Name:	Intech Contracting, LLC
Company Address	3131 Custur In #8
City, State Zip	Lexinston, Ky 40517
Phone:	859-272-0352
Name 1: Print & Signature	Brad Wilder Belle
Name 2: Print & Signature	

Company Name:	
	LRT Restoration
Company Address	
	990 N. Main Street Flo
City, State Zip	
	Menroe, Ohio 45050
Phone:	
	513-795-2475
Name 1: Print & Signature	Brian Tsen Issue
Name 2: Print & Signature	

Company Name:	PRUS CONSTRUCTION
Company Address	5325 WOOSTER RO.
City, State Zip	CINTI OH U5226
Phone:	513-321-7774
Name 1: Print & Signature	HENON FRONDORF Les
Name 2: Print & Signature	Ben Baker Bi-17/

Company Name:	SSRG
Company Address	2824 Stanton Acc
City, State Zip	Ciu OH
Phone:	513 5 751 7.774
Name 1: Print & Signature	Din Kupsel mikl
Name 2: Print & Signature	Filer Martin Jahah

Company Name:	
*	Sunbel+ Rentals
Company Address	
	550ASparrow dr. Shepherdsville, Ky
City, State Zip	
Phone:	
	502-921-2391
Name 1:	0. 1
Print & Signature	Ricky Lynn
Name 2:	
Print & Signature	Holden Willett