

Steven L. Beshear Governor Frankfort, Kentucky 40622 www.transportation.ky.gov/

Michael W. Hancock, P.E. Secretary

December 5, 2012

CALL NO. 105

CONTRACT ID NO. 121065

ADDENDUM # 1

Subject: Breathitt County, BRZ 1003 (220)

Letting December 14, 2012

(1) Revised - Plan Sheets - S4 & S8

(2) Revised - Table of Contents - Page 2 of 102

(3) Added - Right-of-Way Certification Form - Pages 15(a)-15(c) of 102

Proposal revisions are available at $\underline{\text{http://transportation.ky.gov/Construction-}}$ Procurement/.

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

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

Sincerely,

Ryan Griffith

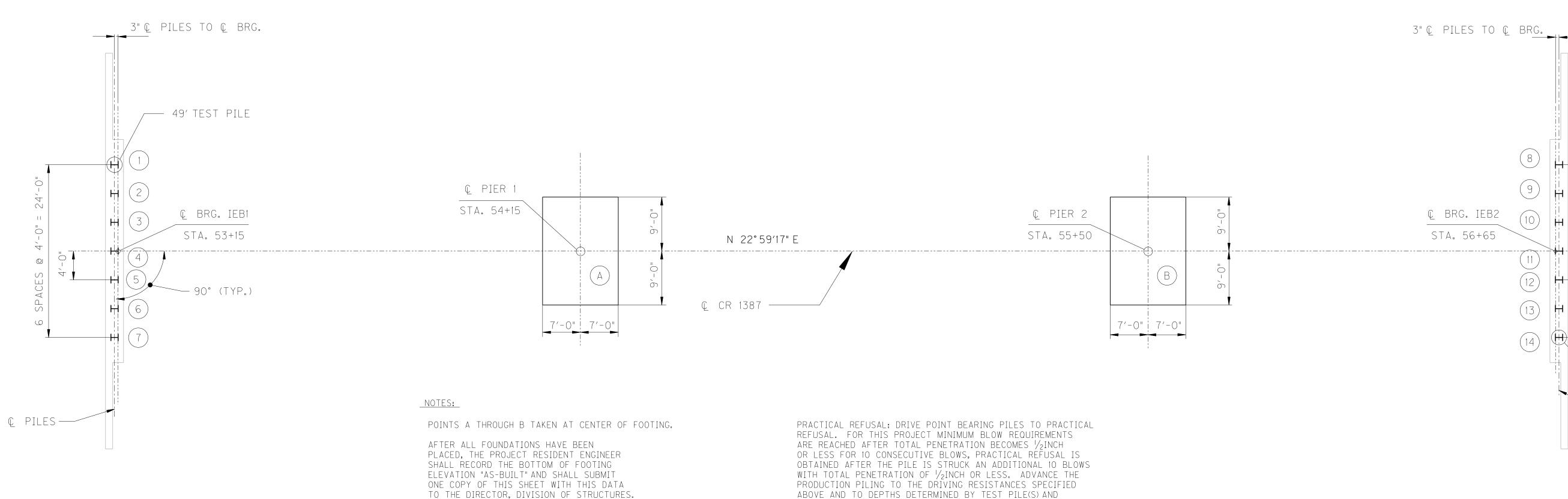
Director

Division of Construction Procurement

RG:ks

Enclosures





PILE	RECORD	FOR	POINT	BEARING	PILES
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PILE NO.	PILE CUT-OFF ELEVATION (FEET)	TIP OF PILE ELEVATION AS DRIVEN (FEET)	LENGTH OF PILE IN PLACE (FEET)	DESIGN AXIAL LOAD (TONS)	REQUIRED FIELD BEARING (TONS)	CALCULATED FIELD BEARING (TONS)
1	744.11			71	150	
2	A			4	4	
3						
4						
5						
6	1			7	†	
7	744.11			71	150	
8	745.10			71	150	
9	A			A	A	
10						
11						
12						
13	•			†	*	
14	745.10			71	150	

TO BE USED IN THE COMPLETED STRUCTURE. SEE GEOTECHNICAL REPORT S-077-2012 FOR ADDITIONAL NOTES AND SITE SPECIFIC DATA.

AS-BUILT

FTG. ELEVATION

BOTTOM

TG. ELEV.

FOOTING IS DESIGNED FOR A

MAXIMUM PRESSURE OF 19 ksf.

THE ALLOWABLE BEARING CAPACITY

IS 20 ksf.

685.50

TEST PILES SHALL BE ACCURATELY LOCATED

ALL PILES SHALL BE HP 12x53, 50 ksi.

A MINUMUM HAMMER ENERGY OF 20 KIP-FT

WILL BE REQUIRED TO DRIVE THE H-PILES TO

BEDROCK WITHOUT ENCOUNTERING EXCESSIVE BLOW COUNTS OR OVER STRESSING THE H-PILES.

PRIOR TO THE INSTALLATION OF THE FIRST PILE,

SYSTEM TO THE DEPARTMENT FOR APPROVAL. APPROVAL OF THE PILE DRIVING SYSTEM BY THE

ENGINEER WILL BE SUBJECT TO SATISFACTORY

THE CONTRACTOR SHALL SUBMIT HIS PILE DRIVING

FIELD PERFORMANCE OF THE PILE DRIVING PROCEDURES.

PILE LAYOUT DIMENSIONS ARE MEASURED AT BOTTOM OF FOOTINGS.

PILES AT END BENT 1 AND 2 SHALL BE FITTED WITH PILE POINTS.

SPREAD FOOTING RECORD

BOTTOM

679.50

AS-BUILT

FTG. ELEV. FTG. ELEVATION

FOOTING IS DESIGNED FOR A MAXIMUM PRESSURE OF 20 ksf.

THE ALLOWABLE BEARING CAPACITY

IS 20 ksf.

ABOVE AND TO DEPTHS DETERMINED BY TEST PILE(S) AND SUBSURFACE DATA SHEET(S). IMMEDIATELY CEASE DRIVING OPERATIONS IF THE PILE VISIBLY YIELDS OR BECOMES DAMAGED DURING DRIVING. IF HARD DRIVING IS ENCOUNTERED BECAUSE OF DENSE STRATA OR AN OBSTRUCTION, SUCH AS A BOULDER BEFORE THE PILE IS ADVANCED TO THE DEPTH ANTICIPATED, THE ENGINEER WILL DETERMINE IF MORE BLOWS THAN THE AVERAGE DRIVING RESISTANCE SPECIFIED FOR PRACTICAL REFUSAL IS REQUIRED TO FURTHER ADVANCE THE PILE. DRIVE ADDITIONAL

PRODUCTION AND TEST PILES IF DIRECTED BY THE ENGINEER.

Field Data

For each pile, the Project Engineer shall record the following on this sheet: Pile Length in Place, Point of Pile Elevation as Driven, and the Calculated Field Bearing. Submit this record to:

Director, Division of Structural Design 200 Mero St. Frankfort Ky. 40622

This pile record does not replace other pile records the Project Engineer is required to keep and submit.

Use HP 12x53 in accordance with BPS-003, c.e.

Definitions of Terms

PILE CUT-OFF ELEVATION: Elevation of the top of pile in the finished structure.

PILE LENGTH IN PLACE: Actual pile length below the Pile Cut-Off Elevation in the finished structure.

POINT OF PILE ELEVATION AS DRIVEN: Actual point of pile elevation in the finished structure.

DESIGN AXIAL LOAD: Service load carried by each pile as estimated from structural design calculations.

REQUIRED FIELD BEARING: Pile bearing value required to achieve "refusal" for the size of pile used. According to the Division of Construction Guidance Manual, this value is taken as 150 tons for 12-inch steel H-Piles and 180 tons for 14 inch steel H-Piles.

CALCULATED FIELD BEARING: Pile bearing value in place calculated using the appropriate pile driving formula in Section 604.03.07(B) of the Standard Specifications.

D<u>riving Criteria</u>

DRIVING CRITERIA: Drive point bearing piles to refusal and verify that the Calculated Field Bearing equals or exceeds the Required Field Bearing.

	REVISION		DATE
DATE:	DATE: MAY, 2012 CHECKED		BY
DESIGNE	D BY:		
DETAILE	D BY:		

--- 32' TEST PILE

Q PILES

Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS

BREATHITT

CR 1387 NORTH FORK KENTUCKY RIVER

FOUNDATION LAYOUT

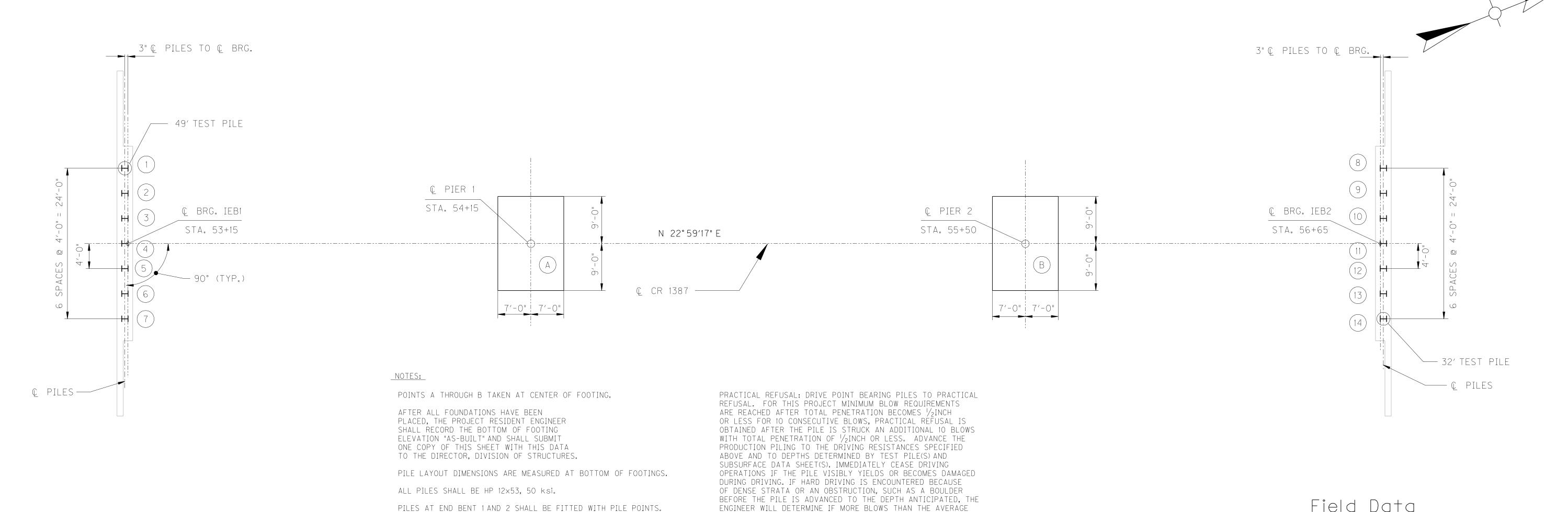
10-1094

PREPARED BY **HMB PROFESSIONAL** ENGINEERS, INC.

S4 DRAWING NO 26892

SHEET NO.

ITEM NUMBER



PILE R	ECORD	FOR PO	INT BE	EARING	PILES
PILE PILE CUT-OFF NO. ELEVATION (FEET)	TIP OF PILE ELEVATION AS DRIVEN (FEET)	LENGTH OF PILE IN PLACE (FEET)	DESIGN AXIAL LOAD (TONS)	REQUIRED FIELD BEARING (TONS)	CALCULATED FIELD BEARING (TONS)
1 744.11	1		71	150	
3 4					
5 6	1		V	V	
7 744.11 8 745.10 9	3		71 71	150 150	
10			•		
12	^		V	V	
14 745.10	1		71	150	

	SPRE	AD FOO	TIN	G RE(CORD
	PIEI	R 1		PIEF	R 2
POINT	BOTTOM FTG. ELEV.	AS-BUILT FTG. ELEVATION	POINT	BOTTOM FTG. ELEV.	AS-BUILT FTG. ELEVATIO
А	685.50		В	679.50	
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SEE GEOTECHNICAL REPORT S-077-2012 FOR ADDITIONAL NOTES AND SITE SPECIFIC DATA.

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	<u> </u>	444	<i>F</i> 3/7	4 4	
DETAILE	D BY:				
DESIGNE	D BY:				
DATE:	MAY, 2012			CHECKED E	3 Y
	REV.	ISION			DATE

Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS

BREATHITT

CR 1387 NORTH FORK KENTUCKY RIVER FOUNDATION LAYOUT

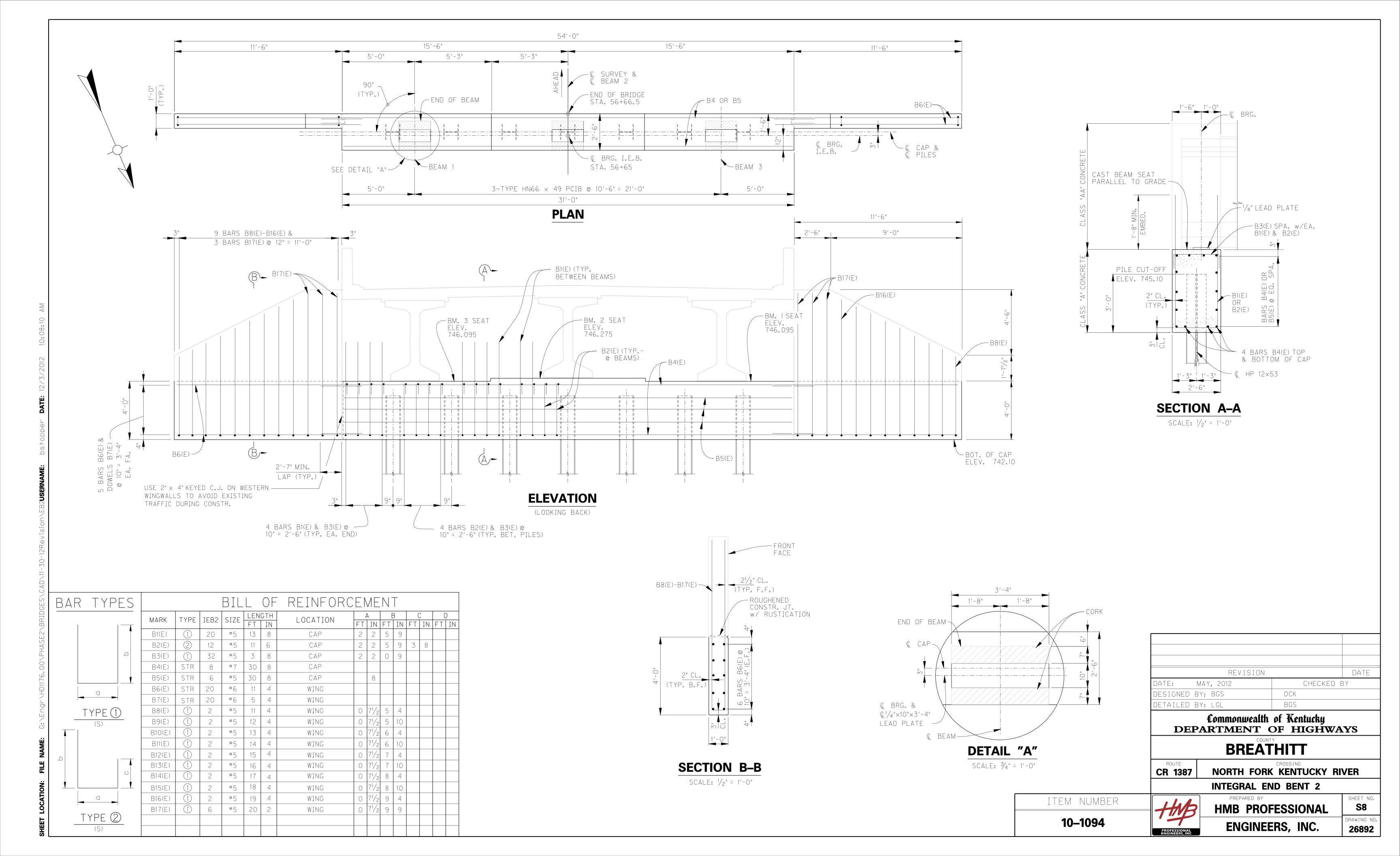
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10-1094

HMB PROFESSIONAL ENGINEERS, INC.

DRAWING NO 26892

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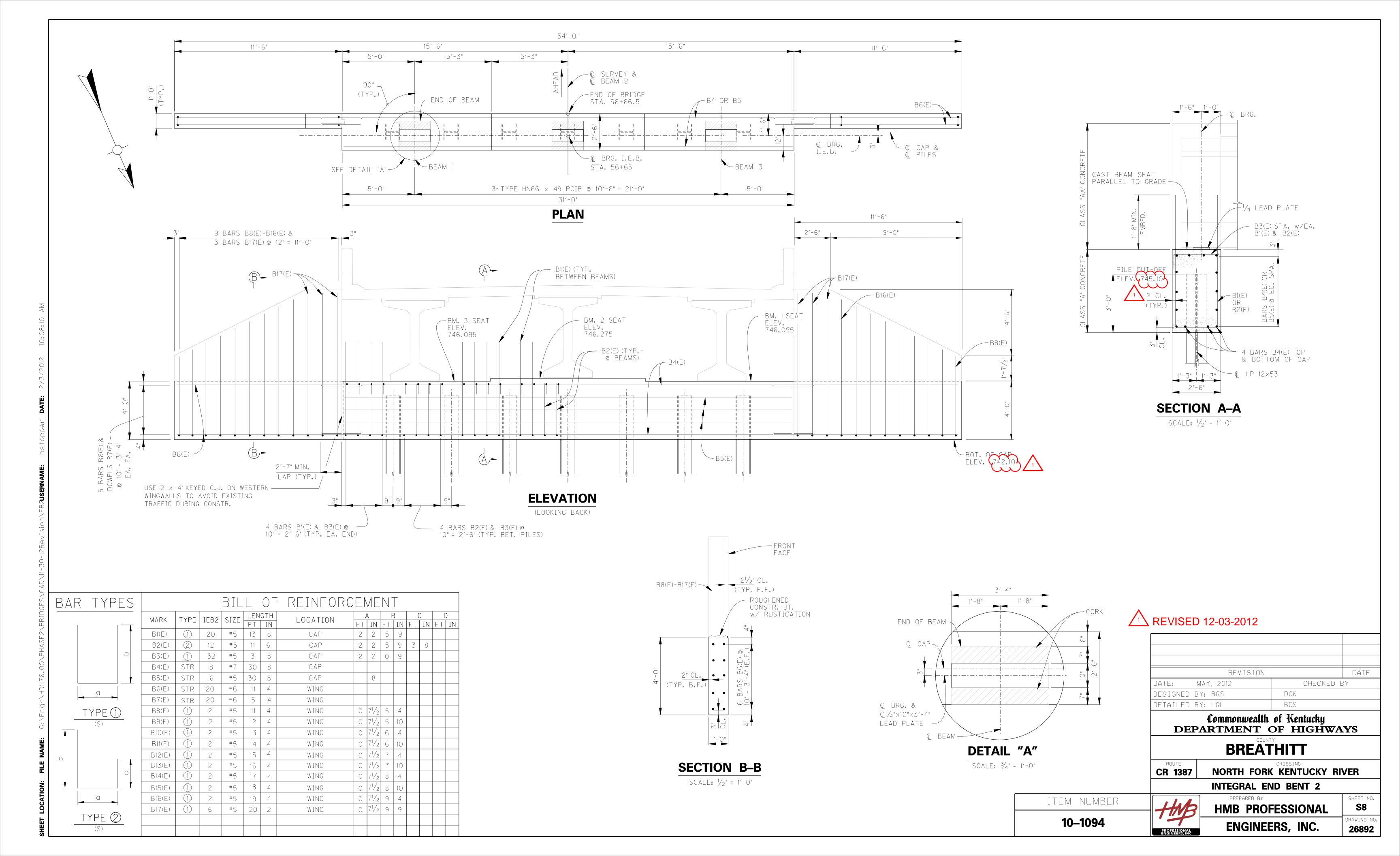


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PART V BID ITEMS

.

	Right-of-Way Cer	tification	Form	Revised 2/22/11
√ Fed	leral Funded	✓ Origina	ŀ	
Sta	le Funded		tification	
This form must be c	ompleted and submitted to FHWA with the	DSSE nackar	so for federal-aid funded	
Interstate, Appalach projects that fall und apply, KYTC shall re	ia, and Major projects. This form shall als ler Conditions No. 2 or 3 outlined elsewher esubmit this ROW Certification prior to con this form shall be completed and retained	o be submitted re in this form. struction contr	to FHWA for <u>all</u> federal- When Condition No. 2 o act Award. For all other	
Date: 15Novemb	er 2K12			
Project Name:	Bridge Replacement on Robinson Road	Letting Date	e: 14 December 2K1	2
Project #:	FD52-CO13-8520601R	County:	Breathitt	
Item #:	10-1094.00	Federal #:	BRZ 1003 (213)	
Description of P	roject: Bridge replacement on Robinson Road (Quicksand, Kentucky.	CR1387 @ MP 0	.065) over North Fork of KY F	River at
The propose properties to improvement. Projects that recovered the properties to improvement. Per 23 CFR sanitary hou accordance Relocation At those that appropriate the properties of the pr	on 1. All necessary rights-of-way, includir quired including legal and physical posses t legal possession has been obtained. The way, but all occupants have vacated the lation and the rights to remove, salvage, or a value has been paid or deposited with the	within the exis sinesses ("relocatees have elocatees ade irective(s) covor the following control of actsion. Trial or ere may be so ands and improdemolish all impount.	sting rights-of -way and the catees") to be relocated, tions and/or relocated to dece quate replacement housering the administration of three conditions has been expected by the categories of the categories when applicate appeal of cases may be me improvements remain by the categories and enter or provements and enter or	nere are no tions ent, safe, and ing in of the Highway en met. (Check able, have pending in ning on the s physical n all land. Fair
to use a appeal o been ob vacated, improve market v	on 2. Although all necessary rights-of-war in ghts-of-way required for the proper exempler some parcels may be pending in court attained, but right of entry has been obtained and KYTC has physical possession and ments. Fair market value has been paid ratue for all pending parcels will be paid or tion contract. (See note 1 below.)	cution of the p and on other pa d, the occupar right to remove or deposited w	roject has been acquired ircels full legal possession its of all lands and impro in salvage, or demolish a ith the court for most par	I. Trial or on has not evements have lit rcels. Fair
of all full le	1: The KYTC shall re-submit a right-of-the second in the submit a right-of-the second in the re-submitted in the re-submitted.	ard must not to all parcels has	be made until after KYT been paid or deposited	C has obtained

Right-of-Way Certification Form

Revised 2/22/11

Condition 3. The acquisition or right of occupancy and use of a few remaining parcels are not complete and/or some parcels still have occupants. However, all remaining occupants have had replacement housing made available to them in accordance with 49 CFR 24.204. The KYTC is hereby requesting authorization to advertise this project for bids and to proceed with bid letting even though the necessary rights-of-way will not be fully acquired, and/or some occupants will not be relocated, and/or the fair market value will not be paid or deposited with the court for some parcels until after bid letting. KYTC will fully meet all the requirements outlined in 23 CFR 635.309(c)(3) and 49 CFR 24.102(j) and will expedite completion of all acquisitions, relocations, and full payments after bid letting and prior to AWARD of the construction contract or force account construction. A full explanation and reason for this request, including identification of each such parcel and dates on which acquisitions, payments, and relocations will be completed, is attached to this certification form for FHWA concurrence. (See note 2.)

Note 2: The KYTC may request authorization on this basis only in unique and unusual circumstances. Proceeding to bid letting shall be the exception and never become the rule. In all cases, the KYTC shall make extraordinary efforts to expedite completion of the acquisition, payment for all affected parcels, and the relocation of all relocatees prior to AWARD of all Federal-Aid construction contracts or force account construction.

Approved: Bruce K. Napier

Printed Name

Approved: Right-of-Way Supervisor

Signature

Approved: Right-of-Way Supervisor

Approved: Right-of-Way Supervisor

Signature

Approved: Right-of-Way Supervisor

Frinted Name

Signature

Approved: Right-of-Way Supervisor

Date: 1	5 November 2K12	Right-of-Way Certification Form	Revised 2/22/11
Project Project Item #: Letting	#: FD52-CO	redetal #.	13)
	Parcels where acquired by the court Parcels have not be Parcels have been abeen deposited with	ired by a signed fee simple deed and fair market value has lacquired by IOJ through condemnation and fair market value has lacquired by IOJ through condemnation and fair market value has a sequired at this time (explain below for each parcel) acquired or have a "right of entry" but fair market value has a the court (explain below for each parcel) at been relocated from parcels,,,,,,, _	e has been deposited
Parcel #	Name/Station	Explanation for delayed acquisition, delayed relocation, or delayed payment of fair market value	Proposed date of payment or of relocation
2	University of Kentucky	As documents recognizely to servey RNN see in U.K.'s presidentian and set serviced prior to Robert of Truspess incoming on 11 Cocumber 24.12	***
There a acquire			All have been