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Date: 9/12/2008

**SUBJECT: LRFD Bridge Design, Pile STSP and Pile Bid Items**

Consultants:

On September 4, 2008 the new STSP specification for piling "Piling (Type) (Size); Piling Precast Concrete Testing; Pile Splices Precast Concrete (Size); Pile Points; Pre-boring (Material Type)" and new pile bid items were published. The STSP and the pile bid items are required for all **LRFD** designed bridge projects that have pile-supported foundations. The new bid items are:

**Section 550 Driven Piles -- Bid Item Numbers**

<b>New Item Number</b>	<b>DESCRIPTION</b>	<b>UNIT</b>
550.0010.S	Pre-Boring (Unconsolidated Materials)	LF
550.0020.S	Pre-Boring (Rock)	LF
550.0500.S	Pile Points	Each
<b>550.1000.S</b>	<b>Piling Steel</b>	
550.1100.S	Piling Steel HP 10-Inch x 42 LB	LF
550.1120.S	Piling Steel HP 12-Inch x 53 LB	LF
550.1125.S	Piling Steel HP 12-Inch x 74 LB	LF
550.1140.S	Piling Steel HP 14-Inch x 73 LB	LF
<b>550.2000.S</b>	<b>Piling CIP Concrete</b>	
550.2102.S	Piling CIP Concrete 10 3/4 x 0.219-Inch	LF
550.2104.S	Piling CIP Concrete 10 3/4 x 0.25-Inch	LF
550.2106.S	Piling CIP Concrete 10 3/4 x 0.365-Inch	LF
550.2108.S	Piling CIP Concrete 10 3/4 x 0.50-Inch	LF
550.2122.S	Piling CIP Concrete 12 3/4 x 0.219-Inch	LF
550.2124.S	Piling CIP Concrete 12 3/4 x 0.25-Inch	LF
550.2126.S	Piling CIP Concrete 12 3/4 x 0.375-Inch	LF
550.2128.S	Piling CIP Concrete 12 3/4 x 0.50-Inch	LF
550.2142.S	Piling CIP Concrete 14 x 0.219-Inch	LF
550.2144.S	Piling CIP Concrete 14 x 0.25-Inch	LF
550.2146.S	Piling CIP Concrete 14 x 0.375-Inch	LF
550.2148.S	Piling CIP Concrete 14 x 0.50-Inch	LF
550.2162.S	Piling CIP Concrete 16 x 0.219-Inch	LF
550.2164.S	Piling CIP Concrete 16 x 0.25-Inch	LF
550.2166.S	Piling CIP Concrete 16 x 0.375-Inch	LF
550.2168.S	Piling CIP Concrete 16 x 0.50-Inch	LF

## Section 550 Driven Piles -- Bid Item Numbers (cont)

New Item Number	DESCRIPTION	UNIT
<b>550.3000.S</b>	<b>Piling Precast Concrete</b>	
550.3010.S	Piling Precast Concrete Testing	LF
550.3100.S	Piling Precast Concrete 10-Inch	LF
550.3120.S	Piling Precast Concrete 12-Inch	LF
550.3140.S	Piling Precast Concrete 14-Inch	LF
550.3160.S	Piling Precast Concrete 16-Inch	LF
550.3810.S	Pile Splices, Precast Concrete 10-Inch	Each
550.3812.S	Pile Splices, Precast Concrete 12-Inch	Each
550.3814.S	Pile Splices, Precast Concrete 14-Inch	Each
550.3816.S	Pile Splices, Precast Concrete 16-Inch	Each

If you have submitted bridge plans for the following lettings and have not included this special provision and pile bid items, you are required to resubmit the bridge plans under the following schedule.

<u>Letting Dates</u>	<u>Required Resubmittal Dates</u>
December 2008	September 23, 2008
January 2009	September 30, 2008
February 2009	October 7, 2008

You do not need to re-submit the estimate or special provisions. The Central Office Plans Examiners will update the estimate, and the Proposal Management Section will insert the proper STSP into the special provisions for you. The Foundation Data notes and pile bid items will need to be representative of a LRFD design unless granted an LRFD exception by BOS.

Please include in the comment line on the E submit form, whether the bridge plans have been granted an exception to providing foundation information in LRFD format.

If you have questions, please contact Steve Revello, Bureau of Structures Design (608-266-5095)

Sincerely,

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