



Memorandum

To: Wayne Symonds (VTrans)

CC: Peter Perkins (CHA), Dale Gozalkowski (CHA)

From: David D'Amato (CHA)

Date: 6/10/2010

Re: Montpelier Taylor Street Bridge Rehabilitation, BHF 6400(31) Construction Inspection Findings

The following is a listing of additional steel repairs to the Taylor Street Bridge corresponding to Contract Plan Sht. 31C. Repair recommendations are the result of an April 23, 2010 field visit and construction inspection findings compiled by the Resident Engineer. All additional steel required for the listed repairs shall be paid under Item 506.60 Structural Steel (LB).

Sidewalk and Rail Components - East Truss

1. KB2: **Recommend replacement.**

- 1-PL^{5/16}"x31^{1/2}"x6'-9^{1/2}", approximate weight = 230 LB (Mark KB2)
- 1-L3^{1/2}x3^{1/2}x^{5/16}x6'-9^{1/8}", approximate weight = 50 LB (Mark K8)
- 1-L3^{1/2}x3^{1/2}x^{5/16}x5'-5^{1/4}" , approximate weight = 40 LB (Mark K9)
- 2-L3^{1/2}x3^{1/2}x^{5/16}x2'-0^{5/16}" , approximate weight = 30 LB (Mark K12)
- 1-L2^{1/2}x2^{1/2}x^{1/4}x9^{1/4}" , approximate weight = 4 LB (Mark K14)
- 1-L3^{1/2}x3^{1/2}x^{5/16}x7^{1/4}" , approximate weight = 5 LB (Mark K15)
- 1-L3^{1/2}x3^{1/2}x^{5/16}x6'-10" , approximate weight = 50 LB (Mark K42)
- 1-L3^{1/2}x3^{1/2}x^{5/16}x5'-4^{1/8}" , approximate weight = 40 LB (Mark K43)
- 2-L4x3x^{3/8}x2'-3^{1/2}" , approximate weight = 39 LB (Mark K44)
- 2-PL^{5/16}"x3^{1/2}"x1'-4^{3/4}" , approximate weight = 11 LB (Mark F11)

2. K21: **Recommend replacement.**

- 2-L3^{1/2}x3^{1/2}x^{5/16}x9^{1/2}" , approximate weight = 12 LB (Mark K21)

3. K22: **Recommend replacement.**

- 2-L3^{1/2}x3^{1/2}x^{5/16}x9^{1/2}" , approximate weight = 12 LB (Mark K22)

4. K23: **Recommend replacement.**

- 2-L3^{1/2}x3^{1/2}x^{5/16}x9^{1/2}" , approximate weight = 12 LB (Mark K23)