

# **DIVISION STREET**

**Replacement with Temporary Structure** 

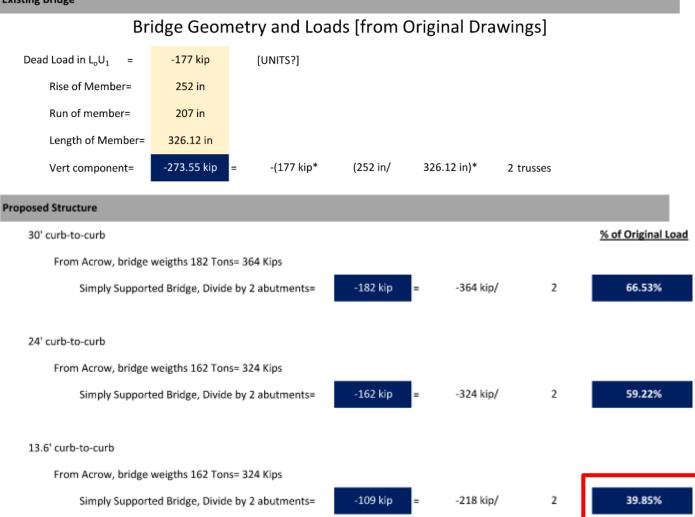
Andrea M. Lacasse, PE Brian Brenner, PE Daniel S. Holmes, PE, LEED AP



# **DEAD LOAD COMPARISON:**

#### Dead Loads Transferred to Abutment

#### **Existing Bridge**



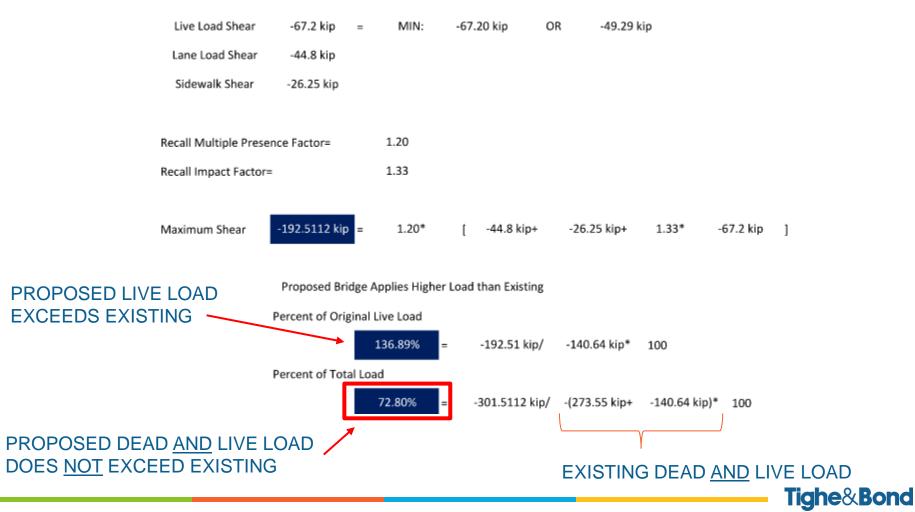


## LIVE LOAD COMPARISON:

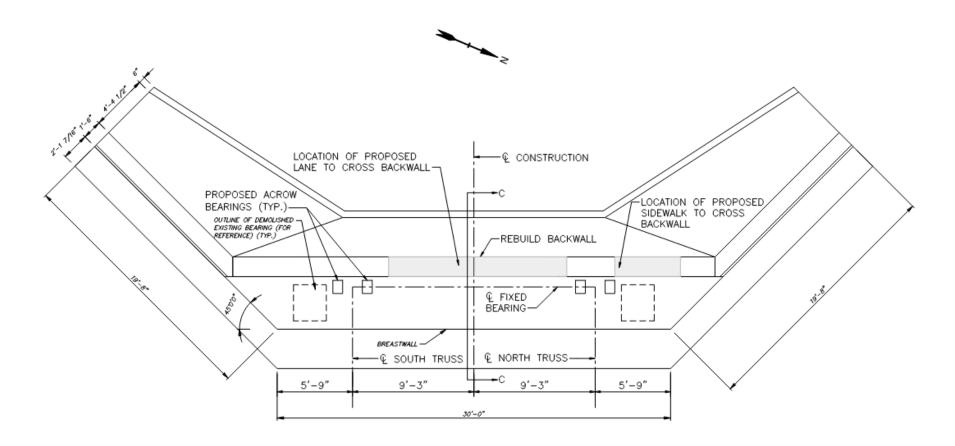
#### Summary

Max Load to Abutments:

The static effects of the design truck or tandem shall be increased by a percentage for dynamic load allowance. This increased percentage is 33%, expressed as a multiplier of 1.33 in the equation below.



## **PRELIMINARY ABUTMENT LAYOUT:**

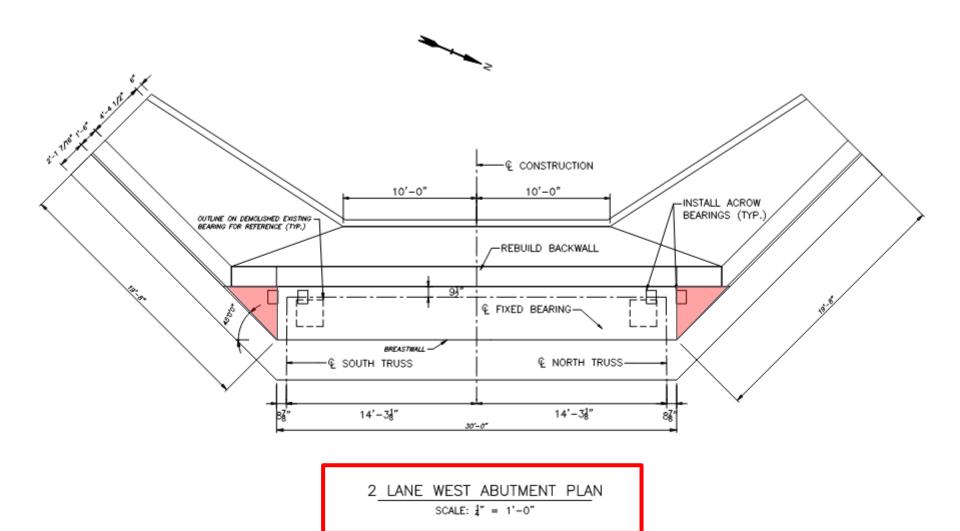


PROPOSED WEST ABUTMENT PLAN

SCALE:  $\frac{1}{4}'' = 1' - 0''$ 

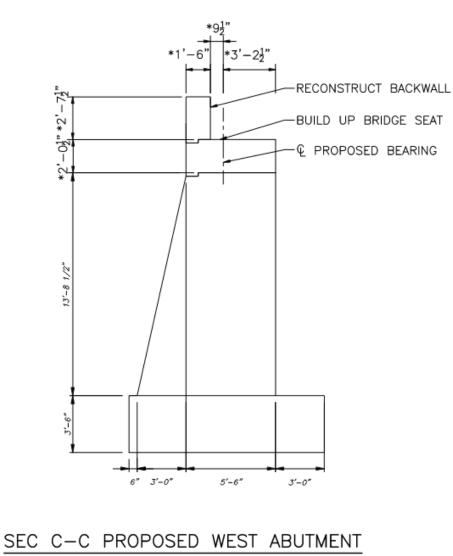


## **PRELIMINARY ABUTMENT LAYOUT:**



Tighe&Bond

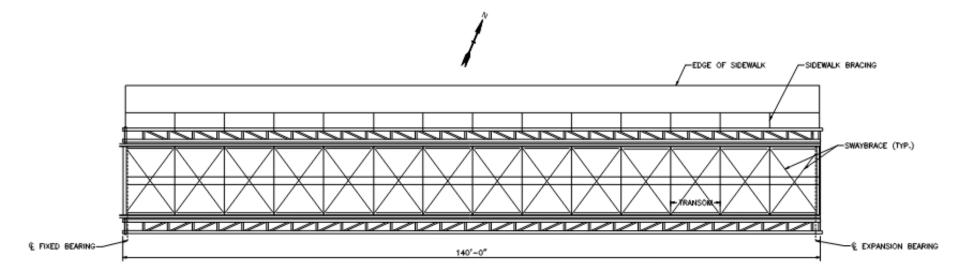
## **PRELIMINARY ABUTMENT SECTION:**



SCALE:  $\frac{1}{4}^{"} = 1' - 0"$ 



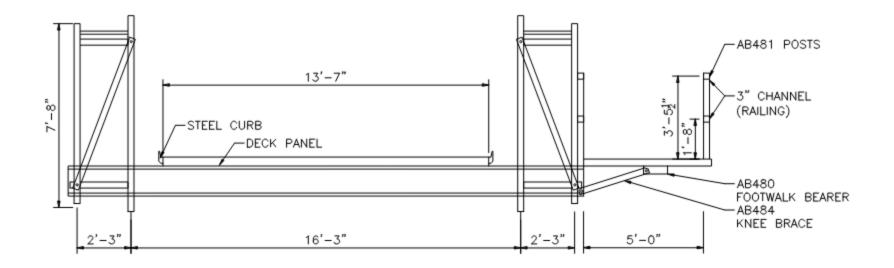
#### **PRELIMINARY BRIDGE LAYOUT:**



PROPOSED SUPERSTRUCTURE FRAMING PLAN SCALE: &" = 1'-0"

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#### **PRELIMINARY BRIDGE SECTION:**



PROPOSED SUPERSTRUCTURE CROSS SECTION

SCALE:  $\frac{3}{8}$ " = 1'-0"

Tighe&Bond

# **QUESTIONS?**

