

CASE 1 BRIDGE/WINGWALL FOOTINGS

- (4) 5 TON UTILITY ANCHORS. "OXFORD A750-7" CAST IN.
- SAFE WORKING LOAD SWL =  $10^R$  @  $60^\circ$  SLING ANGLE (4:1 SF)
- HEAVIEST PICK, WWF1

$$\frac{40,215 \text{ PICK WT}}{4 \text{ LIFTERS}} = 10,054 \text{ LBS/LIFTER}$$

$$\frac{10,000}{10,054} = 0.995 \text{ WITHIN } 1\%, \text{ SAY } \underline{\underline{OK}}$$

CASE 2 WINGWALL w/ 2 PICK POINTS / DETACHED HEADWALLS

- (3) 5 TON UTILITY ANCHORS. "OXFORD A750-7" CAST IN.
- (2) ANCHORS @ TOP USED FOR SETTING IN PLACE.
- (3) ANCHORS USED WHEN LIFTING OFF TRAILER  $\rightarrow$  (2) ANCHOR CONNECTION CONTROLS.
- SWL  $10^R$  @  $60^\circ$  SLING (4:1 SF)
- HEAVIEST PICK WW1B

$$\frac{18,940 \# \text{ PICK WT}}{2 \text{ LIFTERS}} = 9470 \#/\text{LIFTER}$$

$$\frac{10,000}{9470} = 1.06 > 1 \quad \underline{\underline{OK}}$$

Vermont Agency of Transportation

**RECEIVED**

CK'D BY CLB OK'D BY FDB

March 18, 2015

RESUBMIT NO Approved

BY C. CARLSON DATE 03/18/15