

T. Buck Construction, Inc.

249 Merrow Road, Auburn, Maine 04210-8319
(207) 783-6223 * (FAX) 783-3970

ERECTION PLAN PRECAST SUBCAP Vermont Agency of Transportation

**Vermont Agency of Transportation
Bridge rehabilitation in the town of Jamaica, VT
ER BHF 013-1(16)**

June 6, 2013



Introduction

This plan is intended to describe how T Buck Construction will erect the Precast Sub cap which is supplied by SD Ireland.

| Summary of Information | |
|---|-------------------------------|
| Crane(s) Make & Model | FAUN ATF 220G-5 (#115) |
| Weight of PRECAST | 67,500 |
| Rigging Weight (assumed) | 3,000 |
| Maximum Total Weight | 70,500 |
| Maximum Working Radius | 50' |
| Counterweight | 103,616 lbs |
| Outrigger Spread | 27'3" x 29'7" |
| Boom Length | 11.9' |
| Crane Capacity at Specified Radius | 76,400 lbs |

Details on Site

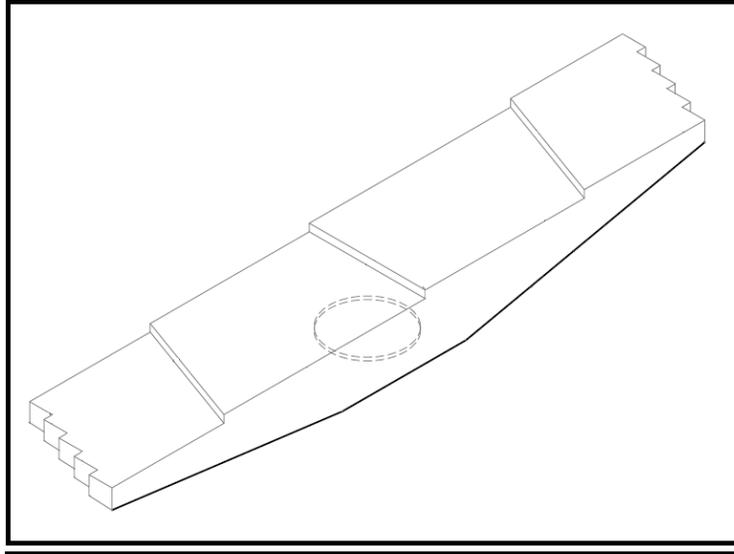
We will be installing a crane pad located between the pier and abutment 2 the crane pad will be situated such that the crane will drive in from the closed lane and be able to setup properly before the precast is delivered. See the sketch in Appendix A.

Details on Crane

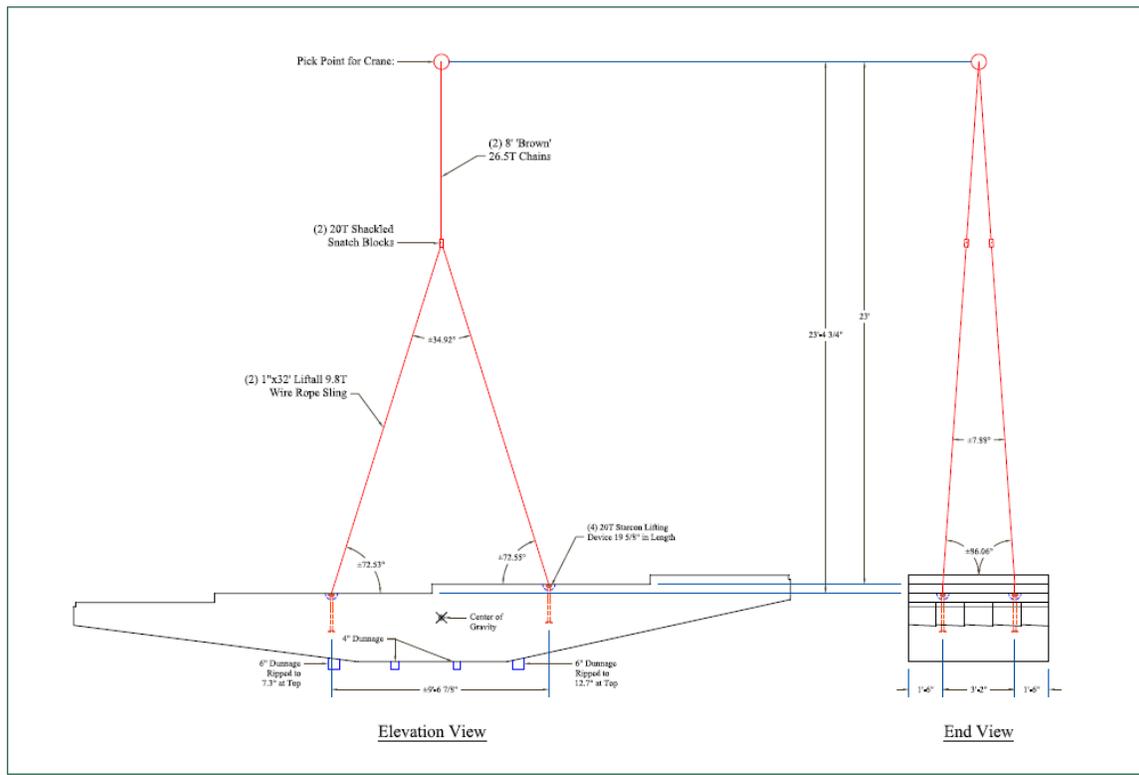
The crane is owned and operated by BURT CRANE. It is a 250 ton crane when it is fully dressed. In this case we will be using 103,616 lbs of counterweight. A brochure can be seen at the end of this plan.

Details on Precast

The precast concrete is being supplied by SD Ireland. The piece weighs approximately 67,500 lbs and it will be delivered to the jobsite in an upright position. We plan to install the PT rods through the ducts prior to flying the precast. The precast will have numerous pieces of rebar sticking out of the top and care shall be taken not to bend or damage the exposed bar. Staging will also be installed on the precast before it is installed.



Details on Rigging and Other Supplemental Equipment



This image was taken directly from the approved shop drawings.

APPENDIX A

Sketch of Site

