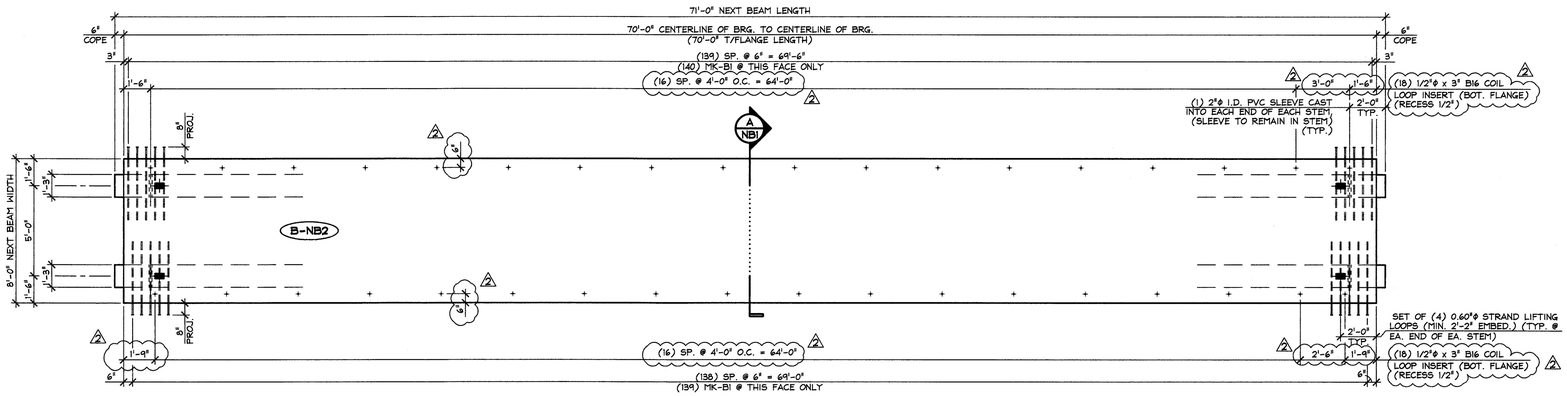
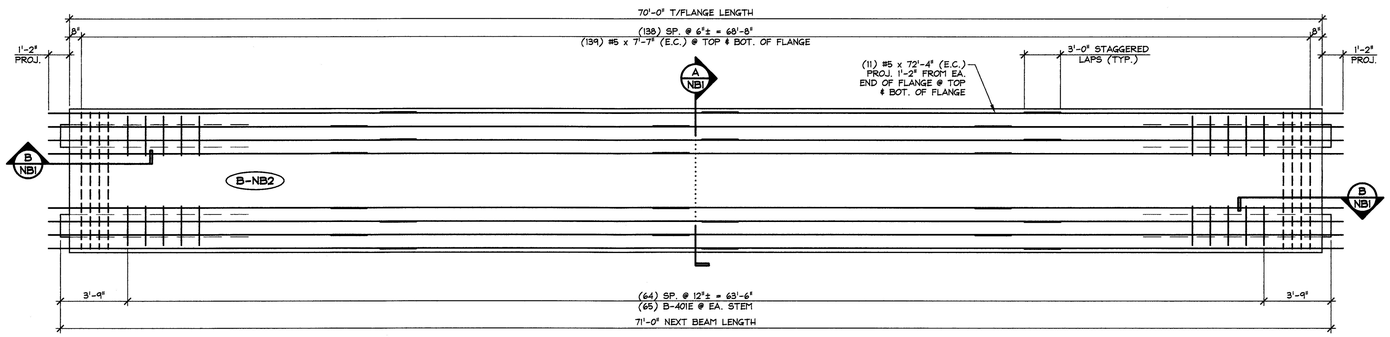
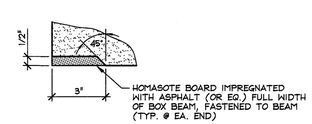


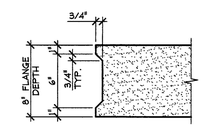
1 NBI DIMENSIONAL PLAN VIEW IN FORM
1/4" = 1'-0"



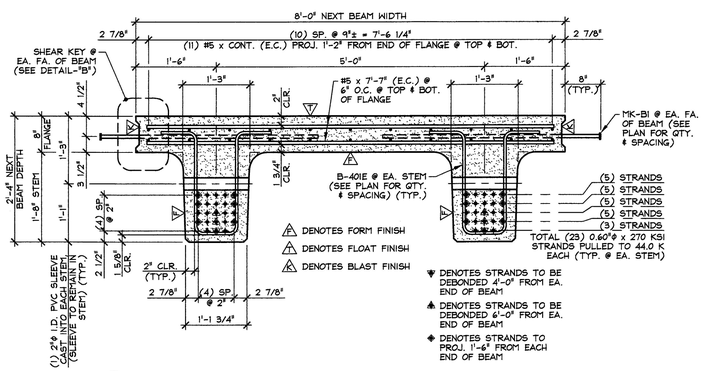
2 NBI REINFORCING PLAN VIEW IN FORM
1/4" = 1'-0"



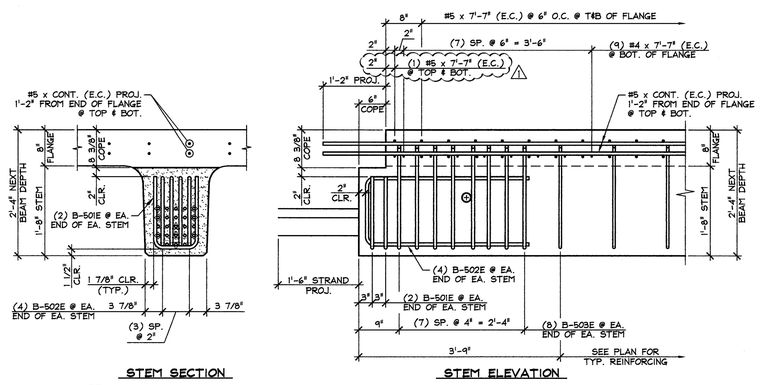
DETAIL - "A"
3" = 1'-0"



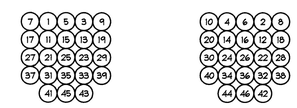
DETAIL - "B"
3" = 1'-0"



A NBI DIMENSIONAL & REINFORCING SECTION
3/4" = 1'-0"



B NBI END BLOCK STEM REINFORCING DETAILS
3/4" = 1'-0"



DETENSIONING SCHEDULE
N.T.S.

3 1-3-13 REVISED AS NOTED
1 12-10-12 REVISED AS NOTED

Vermont Agency of Transportation
RECEIVED
CK'D BY WDL OK'D BY JTS
January 9th, 2013
RESUBMIT X
BY KMH DATE 1-10-13

SUBMITTED
JAN 9 2013
J. P. CARRARA & SONS, INC.
MIDDLEBURY, VT 05753

MARK: B-NB2	QTY.: 2	WT.: 49.41 T	VOL.: 24.40 cy

MATERIAL LIST / BOX BEAM

ITEM	MARK	DESCRIPTION	QTY.
1	B-401E	#4 BENT BAR (EPOXY COATED)	130
2		#4 x 7'-7" (EPOXY COATED)	18
3			
4	B-501E	#5 BENT BAR (EPOXY COATED)	8
5	B-502E	#5 BENT BAR (EPOXY COATED)	16
6	B-503E	#5 BENT BAR (EPOXY COATED)	32
7		#5 x 7'-7" (EPOXY COATED)	282
8		#5 x 72'-4" (W/ (3) 3'-0" STAGGERED LAPS) (EPOXY COATED)	22
9			
10			
11	MK-B1	#5 x 4'-1" HRC 555 HEADED REBAR (EPOXY COATED)	279
12			
13	3	1/2"ø x 3" B16 COIL LOOP INSERT (ELECTRO-PLATED FINISH)	36
14		SET OF (4) 0.60"ø x 270 KSI STRAND LIFTING LOOPS	4
15			

APPROVAL STAMP:

J.P. CARRARA & SONS INC.
Precast & Prestress Manufacturer
2464 DOE STR., MIDDLEBURY, VERMONT 05753 Phone:(802)388-6361 Fax:(802)388-9010

J.A. McDONALD, INC.
CONTRACTOR
LYNDON CENTER, VERMONT

STATE OF VERMONT AGENCY OF TRANSPORTATION
COUNTY OF ESSEX

TOWN OF BRIGHTON
ROUTE NO. VT 105, MINOR ARTERIAL
BRIDGE NO.: 84 PROJECT NO.: ER STP 034-3(25)

PRESTRESSED NEXT BEAM DETAILS

DATE: OCT. 30, 2012
SCALE: NOTED
CHKD: B.C. DFTM: B.L.
JOB NO: 23384-012
DWG. NO: NB1

F:\VT-Bridges\23382-12 Hancock\23384-NB1-2.dwg, 1/9/2013 9:31:09 AM