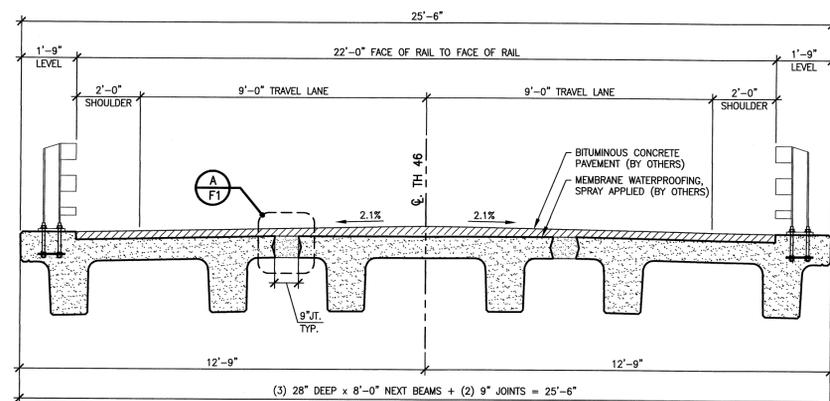
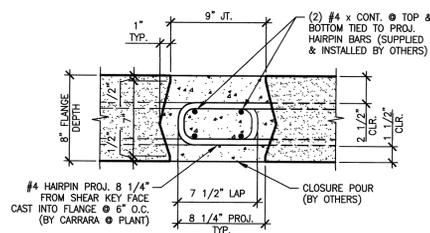


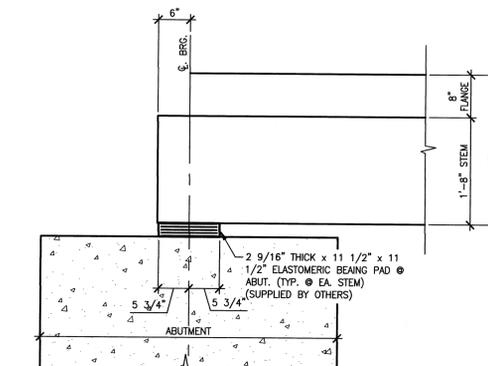
1 NEXT BEAM LAYOUT
1/4" = 1'-0"



2 TRANSVERSE NEXT BEAM SECTION
3/8" = 1'-0"



A NEXT BEAM CLOSURE POUR
1 1/2" = 1'-0"



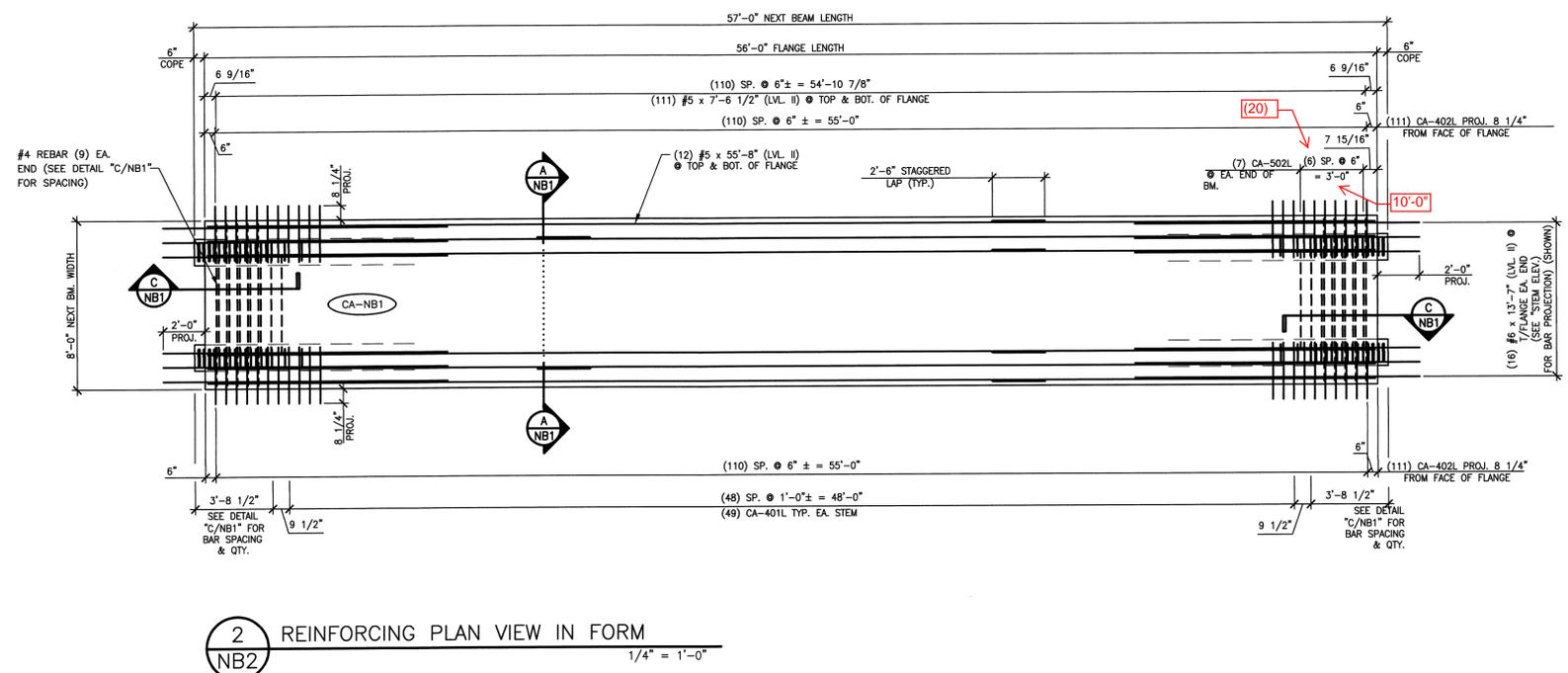
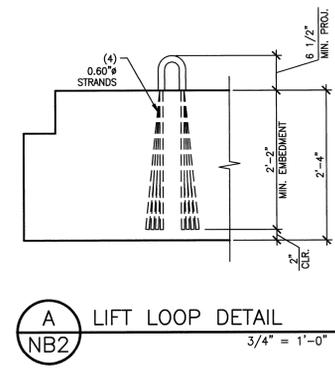
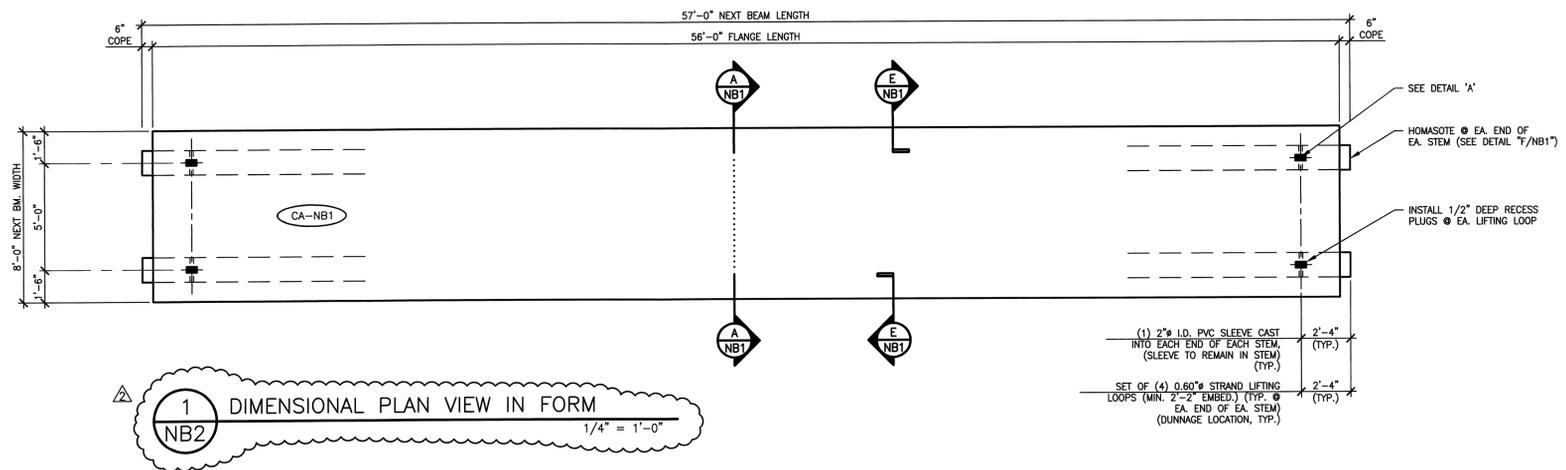
B BEARING DETAIL
3/4" = 1'-0"

05-7-15 REMOVED CROWN FROM NEXT BM.
01-28-15 REVISED

APPROVAL STAMP:
Vermont Agency of Transportation
RECEIVED
CK'D BY GL OK'D BY JS
May 18, 2015
RESUBMIT NO Approved
BY KH DATE 5-19-2015

J.P. CARRARA & SONS INC. Precast & Prestress Manufacturer 2464 CASE STR., MIDDLEBURY, VERMONT 05753 Phone: (802)388-6361 Fax: (802)388-9010		BLOW & COTE, INC. CONTRACTOR MORRISVILLE, VERMONT	
STATE OF VERMONT AGENCY OF TRANSPORTATION COUNTY OF LAMOILLE		DATE: JAN. 28, 2015	SCALE: NOTED
TOWN OF CAMBRIDGE IRISH SETTLEMENT ROAD T.H.46 CLASS 3 BRIDGE NO.: 28 PROJECT NO.: BRO 1448(39)		CHKD: RM	DFTM: PSS
PRESTRESSED NEXT BEAM LAYOUT		JOB NO: 23447-014	DWG. NO: F1

Submitted
5-15-15
J.P. CARRARA & SONS, INC.
MIDDLEBURY, VT 05753



MARK: CA-NB1		QTY.: 1	WT.: 38.61 T	VOL.: 19.06 cy
MATERIAL LIST / NEXT BEAM				
ITEM	MARK	DESCRIPTION	QTY.	
1	CA-401L	#4 BENT BAR (LEVEL II, DUAL COATED)	166	
2	CA-402L	#4 BENT BAR (LEVEL II, DUAL COATED)	222	
3	CA-403L	#4 BENT BAR (LEVEL II, DUAL COATED)	16	
4	CA-502L	#5 BENT BAR (LEVEL II, DUAL COATED)	14	
5		#4 x 7'-6 1/2" (LEVEL II, DUAL COATED)	18	
6				
7		#5 x 7'-6 1/2" (LEVEL II, DUAL COATED)	224	
8		#5 x 55'-8" (W/ (1) 2'-6" STAGGERED LAP) (LVL. II, DUAL COATED)	24	
9				
10				
11		#6 x 13'-7" (LEVEL II, DUAL COATED)	32	
12				
13		2" I.D. PVC SLEEVE	4	
14		SET OF (4) 0.60" x 270 KSI STRAND LIFTING LOOPS	4	
15				

05-7-15 REMOVED CROWN FROM NEXT BM.
01-28-15 REVISED

APPROVAL STAMP:

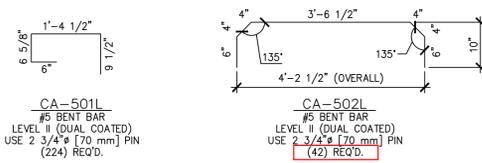
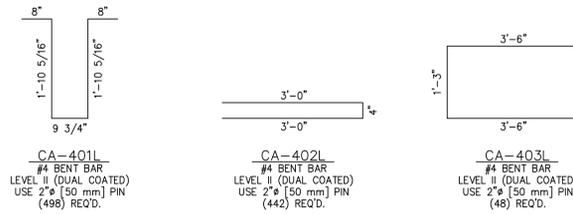
J.P. CARRARA & SONS INC. Precast & Prestress Manufacturer 2464 CASE STR., MIDDLEBURY, VERMONT 05753 Phone:(802)388-6361 Fax:(802)388-9010		BLOW & COTE, INC. CONTRACTOR MORRISVILLE, VERMONT	
STATE OF VERMONT AGENCY OF TRANSPORTATION COUNTY OF LAMOILLE		DATE: JAN. 28, 2015 SCALE: NOTED	
TOWN OF CAMBRIDGE IRISH SETTLEMENT ROAD T.H.46 CLASS 3 BRIDGE NO.: 28 PROJECT NO.: BRO 1448(39)		CHKD: RM DFTM: PSS JOB NO: 23447-014	
PRESTRESSED NEXT BEAM DETAILS		DWG. NO: NB2	

Vermont Agency of Transportation
RECEIVED

CK'D BY GL OK'D BY JS
 May 18, 2015

RESUBMIT NO Approved AsNoted
 BY KH DATE 05/19/2015

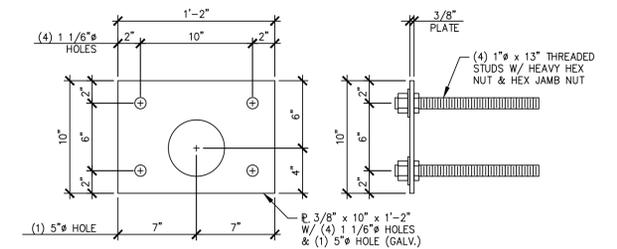
Submitted
5-15-15
J. P. CARRARA & SONS, INC.
MIDDLEBURY, VT 05753



CHANGE ORDER QUANTITY:
 LENGTH = 50.5' + 10' + 10' = 70.5' = 5.875 FT / BAR
 WEIGHT PER BAR = 5.875 FT * 1.04 LB / FT = 6.11 LB
 # OF BARS = 2 ENDS x 3 BEAMS x 21 BARS @ EA END = 126 BARS
 TOTAL ADDITIONAL WEIGHT = 126 BARS * 6.11 LB / BAR = 769.86 LB = 770 LB

PRESTRESSED NEXT BEAMS

NEXT BEAM MISCELLANEOUS MATERIALS				
ITEM	MARK	QTY.	DESCRIPTION	REMARKS
1		54	#4 x 7'-6 1/2" (LEVEL II, DUAL COATED)	
2				
3		672	#5 x 7'-6 1/2" (LEVEL II, DUAL COATED)	
4		78	#5 x 55'-8" (W/ (1) 2'-6" STAGGERED LAP) (LVL. II, DUAL COATED)	
5				
6		96	#6 x 13'-7" (LVL. II, DUAL COATED)	
7				
8				
9				
10				
11				
12				
13				
14				
15		14	GUARD RAIL ANCHOR PLATE (GALV.)	SUPPLIED BY OTHERS; SEE DETAIL THIS SHEET
16		12	SET OF (4) 0.60" x 270 KSI STRAND LIFTING LOOPS	
17		12	2" I.D. PVC SLEEVE	
18				
19				
20				



GUARD RAIL ANCHOR PLATE
 SUPPLIED BY OTHERS 1 1/2" x 1'-0"

01-28-15 REVISED

APPROVAL STAMP:

Vermont Agency of Transportation
RECEIVED

CK'D BY GL OK'D BY JS

January 29, 2015

RESUBMIT NO Approved AsNoted
 BY KH DATE 2-3-2015

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

BLOW & COTE, INC.
 CONTRACTOR
 MORRISVILLE, VERMONT

STATE OF VERMONT AGENCY OF TRANSPORTATION
 COUNTY OF LAMOILLE

DATE: JAN. 28, 2015

SCALE: NOTED

TOWN OF CAMBRIDGE
 IRISH SETTLEMENT ROAD T.H.46 CLASS 3
 BRIDGE NO.: 28 PROJECT NO.: BRO 1448(39)

CHKD: RM DFTM: PSS

JOB NO: 23447-014

MATERIALS LIST

DWG. NO: M1