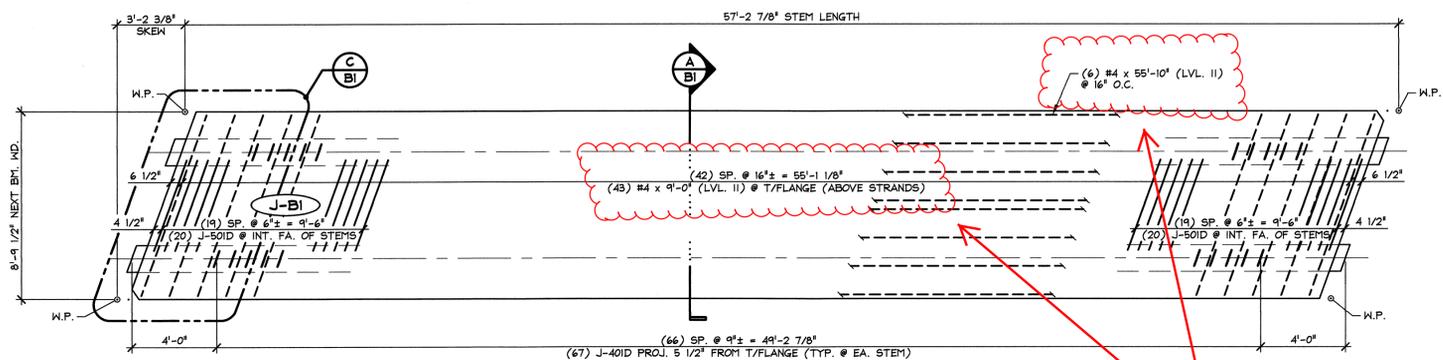
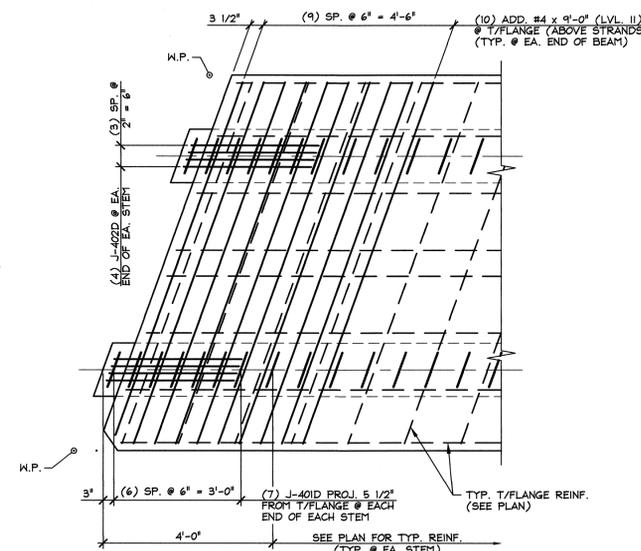


**1** DIMENSIONAL NEXT BEAM PLAN VIEW IN FORM  
3/16" = 1'-0"



**2** REINFORCING NEXT BEAM PLAN VIEW IN FORM  
3/16" = 1'-0"



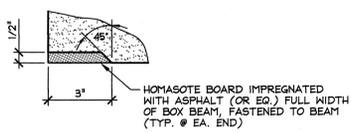
**C** END BLOCK REINFORCING PLAN  
1/2" = 1'-0"

Give the horizontal distance from working point for these since they are not the same as the ones across so it is not covered by the "typical" measurement of 6'.

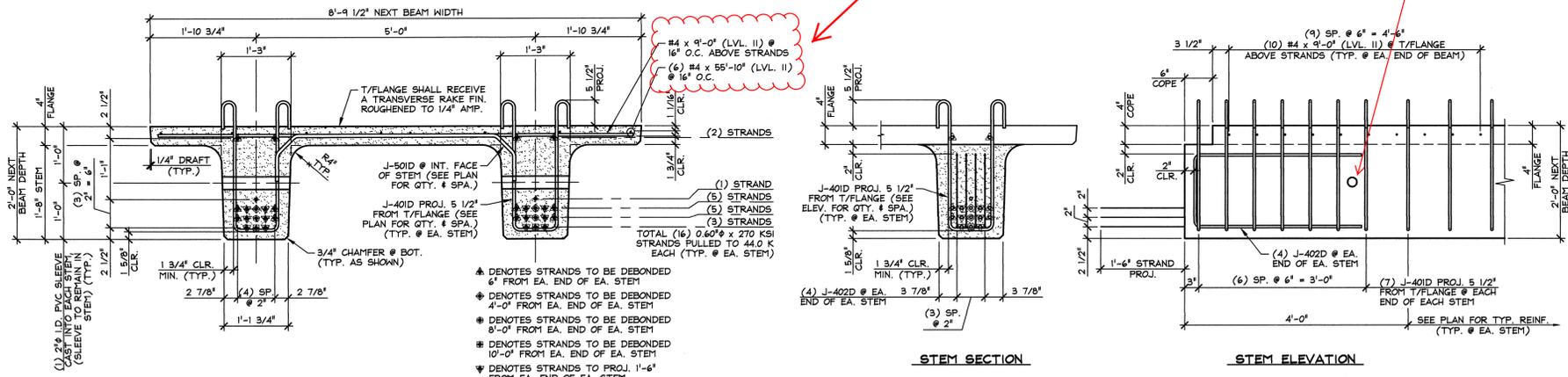
Please change stirrup spacing to 8" for vertical shear reinforcement.

Contract Plans show 4x4 WWF. We will allow #4 rebar @ 16" OC or #5 rebar @ 16" OC as a replacement.

Label this

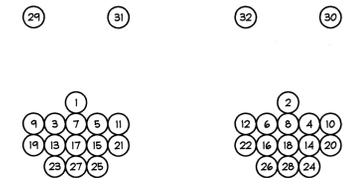


DETAIL - "A"  
3" = 1'-0"



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

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



DETENSIONING SCHEDULE  
N.T.S.

Vermont Agency of Transportation  
**RECEIVED**

CK'D BY CLB OK'D BY HIS

October 2, 2014

RESUBMIT YES

BY C. CARLSON DATE 10/22/14

MARK:	J-BI	QTY.:	2	WT.:	29.78 T	VOL.:	14.71 cy
MATERIAL LIST / NEXT BEAM							
ITEM	MARK	DESCRIPTION	QTY.				
1	J-40ID	#4 BENT BAR (LEVEL II, DUAL COATED)	162				
2	J-402D	#4 BENT BAR (LEVEL II, DUAL COATED)	16				
3		#4 x 9'-0" (LEVEL II, DUAL COATED)	63				
4		#4 x 55'-10" (LEVEL II, DUAL COATED)	6				
5							
6							
7	J-50ID	#5 BENT BAR (LEVEL II, DUAL COATED)	40				
8							
9							
10							
11							
12							
13							
14		SET OF (3) 0.60" x 270 KSI STRAND LIFTING LOOPS	4				
15							

APPROVAL STAMP:

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

**A.L. St. ONGE**  
CONTRACTOR  
MONTMERY, VERMONT

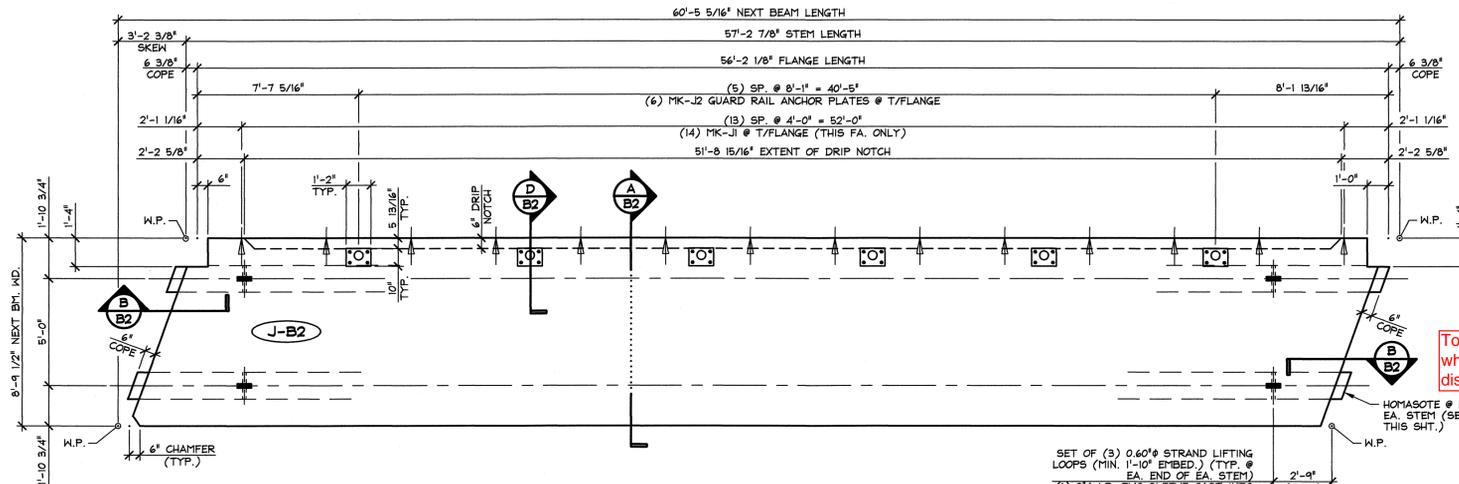
DATE: SEPT. 30, 2014  
SCALE: NOTED

**STATE OF VERMONT AGENCY OF TRANSPORTATION**  
COUNTY OF LAMOILLE

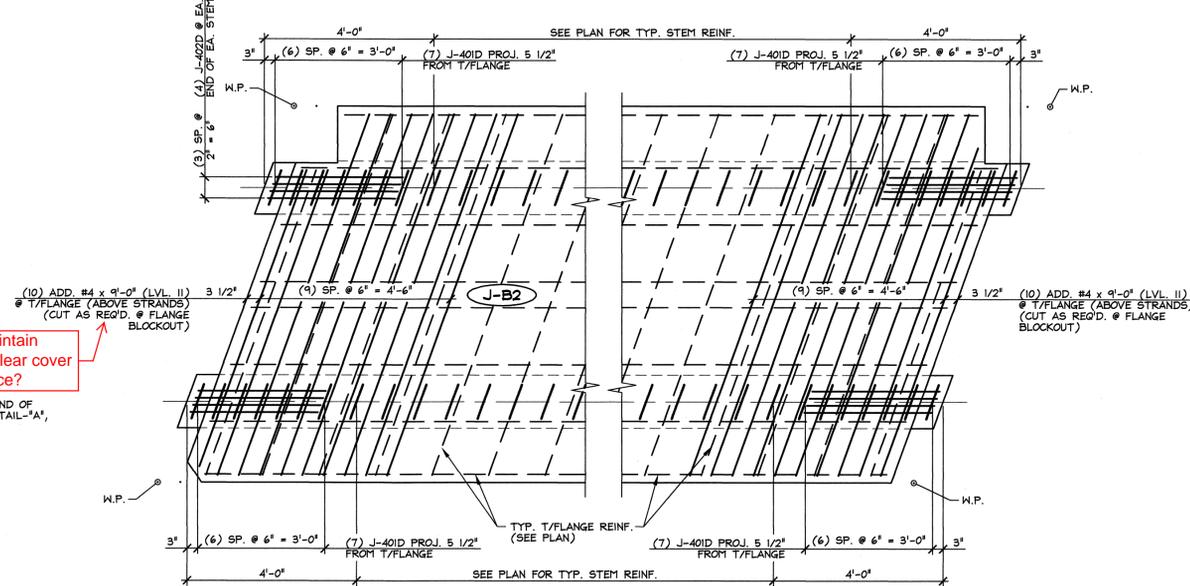
CITY OF JOHNSON  
ROUTE NO: VT 15 (MINOR ARTERIAL)  
BRIDGE NO.: 32 PROJECT NO.: BRP 030-2(26)

CHKD: - DFTM: B.L.  
JOB NO: 23442-014

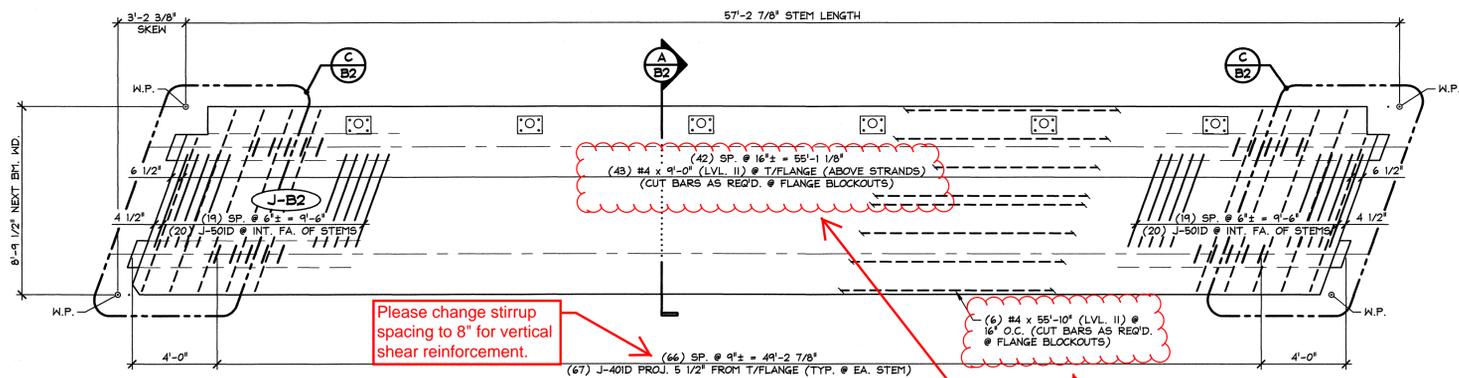
**PRESTRESSED NEXT BEAM DETAILS**  
DWG. NO: **B1**



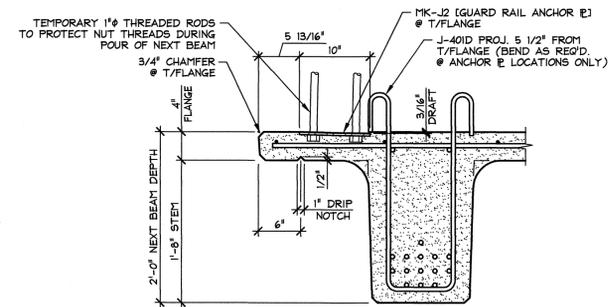
**1** DIMENSIONAL NEXT BEAM PLAN VIEW IN FORM  
B2 1/4" = 1'-0"



**C** END BLOCK REINFORCING PLAN  
B2 1/2" = 1'-0"

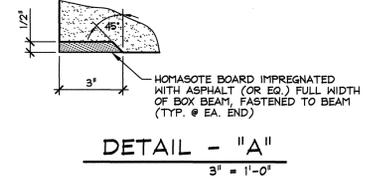


**2** REINFORCING NEXT BEAM PLAN VIEW IN FORM  
B2 1/4" = 1'-0"

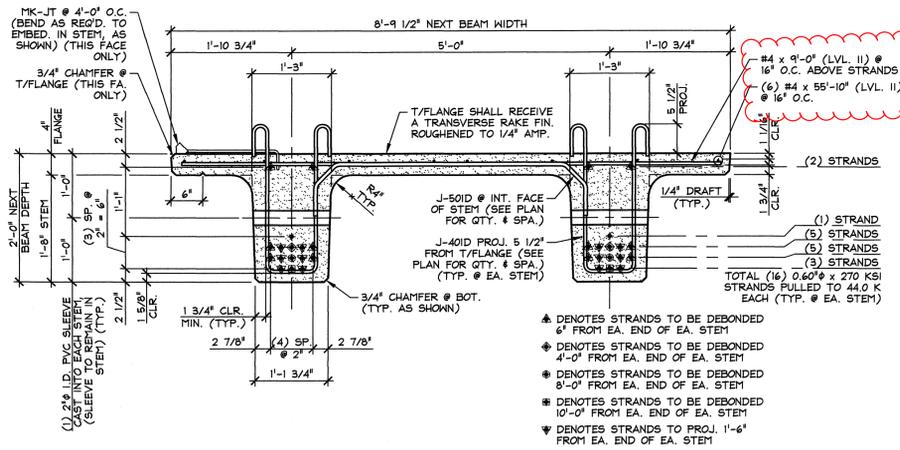


**D** GUARD RAIL ANCHOR DETAIL  
B2 1" = 1'-0"

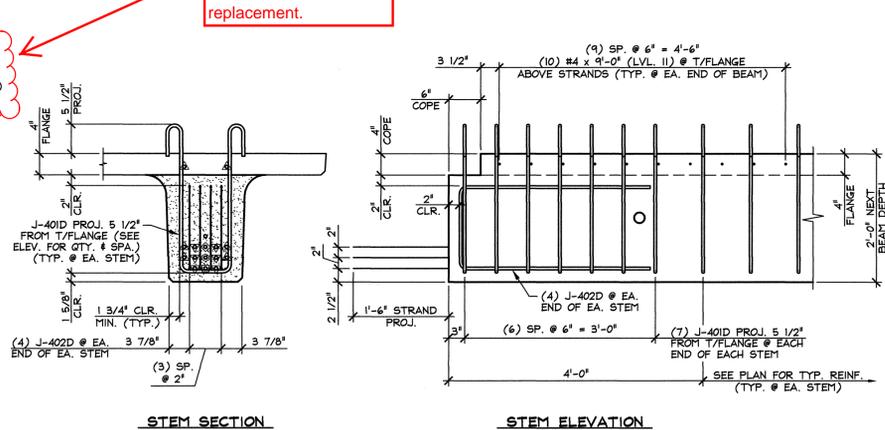
Design has changed and will include 3 inches of pavement. The concrete overlay beneath the guardrail will pour up to the finished surface of the pavement, which eliminates the need for the base plate of the guardrail being cast into the NEXT beam. See revised bridge typical section.



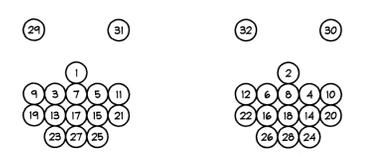
DETAIL - "A"  
3" = 1'-0"



**A** DIMENSIONAL & REINFORCING SECTION  
B2 3/4" = 1'-0"



**B** END BLOCK STEM REINFORCING DETAILS  
B2 3/4" = 1'-0"



DETENSONING SCHEDULE  
N.T.S.

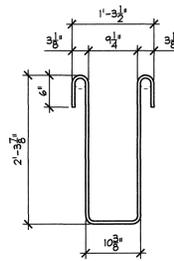
MATERIAL LIST / NEXT BEAM			
ITEM	MARK	DESCRIPTION	QTY.
1	J-40ID	#4 BENT BAR (LEVEL II, DUAL COATED)	162
2	J-402D	#4 BENT BAR (LEVEL II, DUAL COATED)	16
3		#4 x 9'-0" (LEVEL II, DUAL COATED)	63
4		#4 x 55'-10" (LEVEL II, DUAL COATED)	6
5			
6	J-50ID	#5 BENT BAR (LEVEL II, DUAL COATED)	40
7			
8			
9			
10			
11			
12	MK-JI	MODIFIED DAYTON SUPERIOR C-24 45" TYPE 4-APR HANGER (GALV.)	14
13	MK-J2	GUARD RAIL ANCHOR @ 3/8" x 10" x 1'-2" W/ (4) 1" HEX NUTS (GALV.)	6
14		SET OF (3) 0.60" x 270 KSI STRAND LIFTING LOOPS	4
15			

APPROVAL STAMP:

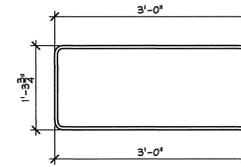
**J.P. CARRA**  
Precast & f  
2464 USE STR. WOODBURY, VERMONT 05  
STATE OF VE  
CK'D BY **CLB** OK'D BY **HIS**  
ROU:  
BRIDGE NO  
PRESTRE  
October 2, 2014

RESUBMIT YES  
BY C. CARLSON DATE 10/22/14

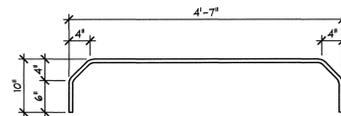
MISCELLANEOUS MATERIALS				
ITEM	MARK	QTY.	DESCRIPTION	REMARKS
1		252	#4 x 9'-0" (LEVEL II, DUAL COATED)	
2		24	#4 x 55'-10" (LEVEL II, DUAL COATED)	
3				
4				
5				
6				
7				
8				
9				
10	MK-J1	28	MODIFIED DAYTON SUPERIOR C-24 45' TYPE 4-APR HANGER (GALV.)	SEE DETAIL THIS SHEET
11	MK-J2	12	GUARD RAIL ANCHOR @ 3/8" x 10" x 1'-2" W/ (4) 1" HEX NUTS (GALV.)	SUPPLIED BY OTHERS
12				
13				
14		16	SET OF (3) 0.60" x 270 KSI STRAND LIFTING LOOPS	
15				



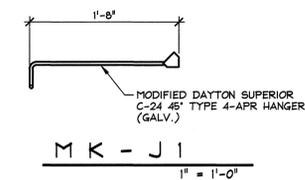
**J-401D**  
#4 BENT BAR  
LEVEL II, DUAL COATED  
USE 2" (50 mm) PIN  
(648) REQ'D.



**J-402D**  
#4 BENT BAR  
LEVEL II, DUAL COATED  
USE 2" (50 mm) PIN  
(64) REQ'D.



**J-501D**  
#6 BENT BAR  
LEVEL II, DUAL COATED  
USE 2 3/4" (70 mm) PIN  
(160) REQ'D.



Vermont Agency of Transportation

**RECEIVED**

NEXT Beam Fabrication Submittal\_Resubmit 10.20.14.pdf

CK'D BY CLB OK'D BY HIS

October 2, 2014

RESUBMIT YES

BY C. CARLSON DATE 10/22/14

APPROVAL STAMP:	<b>J.P. CARRARA &amp; SONS INC.</b> Precast & Prestress Manufacturer <small>2464 CASE STR., MIDDLEBURY, VERMONT 05753 Phone:(802)388-6361 Fax:(802)388-9010</small>		A.L. St. ONGE CONTRACTOR MONTMERY, VERMONT	
	STATE OF VERMONT AGENCY OF TRANSPORTATION COUNTY OF LAMOILLE		DATE: SEPT. 30, 2014	
	CITY OF JOHNSON ROUTE NO.: VT 15 (MINOR ARTERIAL) BRIDGE NO.: 32 PROJECT NO.: BRP 030-2(26)		SCALE: NOTED	CHKD: - DFTM: B.L.
	MATERIALS LIST		JOB NO: 23442-014	DWG. NO: M1