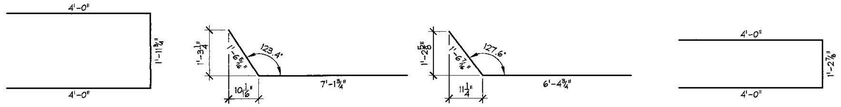
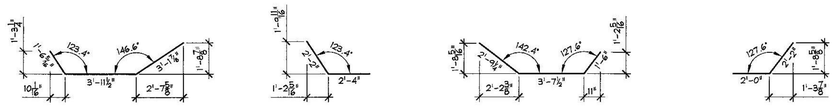


L-505E
#5 BENT BAR
LEVEL 1 (EPOXY COATED)
USE 2¾"ø L70 mm1 PIN
(72) REQ'D.

L-506E
#5 BENT BAR
LEVEL 1 (EPOXY COATED)
USE 2¾"ø L70 mm1 PIN
(1) REQ'D.

L-507E
#6 BENT BAR
LEVEL 1 (EPOXY COATED)
USE 2¾"ø L70 mm1 PIN
(2) REQ'D.

L-508E
#5 BENT BAR
LEVEL 1 (EPOXY COATED)
USE 2¾"ø L70 mm1 PIN
(21) REQ'D.



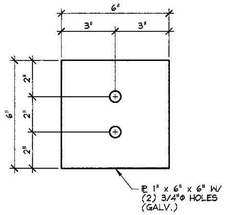
L-518E
#5 BENT BAR
LEVEL 1 (EPOXY COATED)
USE 2¾"ø L70 mm1 PIN
(1) REQ'D.

L-519E
#5 BENT BAR
LEVEL 1 (EPOXY COATED)
USE 2¾"ø L70 mm1 PIN
(1) REQ'D.

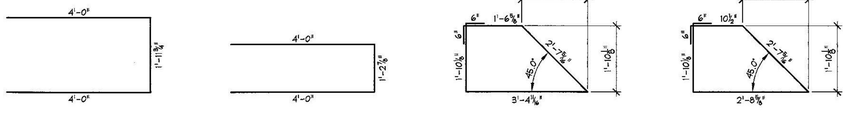
L-520E
#5 BENT BAR
LEVEL 1 (EPOXY COATED)
USE 2¾"ø L70 mm1 PIN
(1) REQ'D.

L-521E
#5 BENT BAR
LEVEL 1 (EPOXY COATED)
USE 2¾"ø L70 mm1 PIN
(1) REQ'D.

PRECAST WING WALLS



EM-L1
3" = 1'-0"



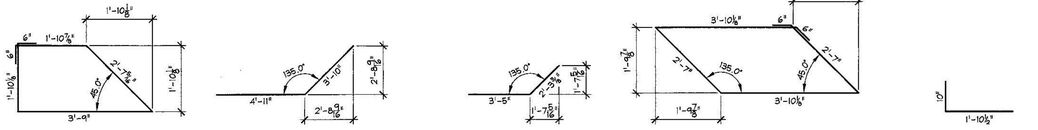
L-505E
#5 BENT BAR
LEVEL 1 (EPOXY COATED)
USE 2¾"ø L70 mm1 PIN
(72) REQ'D.

L-506E
#5 BENT BAR
LEVEL 1 (EPOXY COATED)
USE 2¾"ø L70 mm1 PIN
(5) REQ'D.

L-509E
#5 BENT BAR
LEVEL 1 (EPOXY COATED)
USE 2¾"ø L70 mm1 PIN
(6) REQ'D.

L-510E
#5 BENT BAR
LEVEL 1 (EPOXY COATED)
USE 2¾"ø L70 mm1 PIN
(6) REQ'D.

L-511E
#5 BENT BAR
LEVEL 1 (EPOXY COATED)
USE 2¾"ø L70 mm1 PIN
(38) REQ'D.



L-512E
#5 BENT BAR
LEVEL 1 (EPOXY COATED)
USE 2¾"ø L70 mm1 PIN
(6) REQ'D.

L-513E
#5 BENT BAR
LEVEL 1 (EPOXY COATED)
USE 2¾"ø L70 mm1 PIN
(13) REQ'D.

L-514E
#5 BENT BAR
LEVEL 1 (EPOXY COATED)
USE 2¾"ø L70 mm1 PIN
(14) REQ'D.

L-515E
#5 BENT BAR
LEVEL 1 (EPOXY COATED)
USE 2¾"ø L70 mm1 PIN
(6) REQ'D.

L-517E
#5 BENT BAR
LEVEL 1 (EPOXY COATED)
USE 2¾"ø L70 mm1 PIN
(37) REQ'D.

L-801E
#8 BENT BAR
LEVEL 1 (EPOXY COATED)
USE 6"ø PIN
(37) REQ'D.

PRECAST ABUTMENTS

Vermont Agency of Transportation
2014-06-13 Lincoln BRF 0188(8) Finalized_IC_approved.pdf
RECEIVED
ON: May 12, 2015
and Checked for
CONFORMANCE
BY: Todd A. Sumner DATE: 05/13/2015

SUBMITTAL REVIEW
Review is only for general conformity to the contract drawings and specifications and shall not relieve the contractor of his entire responsibility under the contract, including among other things, dimensions to be confirmed and correlated at the job site, and information that pertains to the fabrication processes or to techniques of construction.
☑ NO EXCEPTIONS TAKEN
☐ MAKE CORRECTIONS NOTED
RESUBMITTAL NOT REQUIRED
☐ AMEND AND RESUBMIT
☐ REJECTED - SEE REMARKS
PB AMERICAS, INC.
BY: Ray L. Lowe
DATE: 5/12/2015

MISCELLANEOUS MATERIALS

ITEM	MARK	QTY.	DESCRIPTION	REMARKS
1	EM-L1	26	1" x 6" x 6" W/ (2) 3/4"ø HOLES (GALV.)	FOR ERECTION; SEE DETAIL THIS SHEET
2		6	1/2"ø x 270 KSI (LOW LAX) x 65'-8" LONG POLY-STRAND	FOR ERECTION
3		2	1/2"ø x 270 KSI (LOW LAX) x 55'-8" LONG POLY-STRAND	FOR ERECTION
4		2	1/2"ø x 270 KSI (LOW LAX) x 57'-2" LONG POLY-STRAND	FOR ERECTION
5		3	1/2"ø x 270 KSI (LOW LAX) x 15'-0" LONG POLY-STRAND ⚠2	FOR ERECTION
6		26	1/2"ø SINGLE USE STRESSING CHUCK	FOR ERECTION
7				
8				
9				
10	MK-L2	21	NMB SPLICE SLEEVE 7U-X(PG)	EPOXY COATED
11	MK-L5	33	NMB SPLICE SLEEVE 8U-X(PG)	EPOXY COATED
12	MK-L6	12	NMB SPLICE SLEEVE 8U-X(PG)	EPOXY COATED
13				
14		6	#5 x 10'-8" (LEVEL 1, EPOXY COATED)	
15		54	#5 x 5'-5" (LEVEL 1, EPOXY COATED)	
16		38	#5 x 10'-3" (LEVEL 1, EPOXY COATED)	
17		11	#5 x 11'-3" (LEVEL 1, EPOXY COATED)	
18		10	#5 x 6'-11" (LEVEL 1, EPOXY COATED)	
19		4	#5 x 1'-8" (LEVEL 1, EPOXY COATED)	
20		1	#5 x 9'-6" (LEVEL 1, EPOXY COATED) ⚠1	
21		21	#5 x 9'-2" (LEVEL 1, EPOXY COATED)	
22				
23		11	#7 x 11'-2" (LEVEL 1, EPOXY COATED)	
24		10	#7 x 6'-6" (LEVEL 1, EPOXY COATED)	
25				
26		6	#8 x 10'-5" (LEVEL 1, EPOXY COATED)	
27		6	#8 x 10'-0" (LEVEL 1, EPOXY COATED)	
28				
29		8	1 1/2"ø x 18" LT4 TYSCRU LIFTER	GALVANIZE
30		16	8T x 6 3/4" SWIFT LIFT LIFTER	GALVANIZE
31		1	BRIDGE PLAQUE	SUPPLIED BY OTHERS
32				
33	MK-L2	4	NMB SPLICE SLEEVE 7U-X(PG)	EPOXY COATED
34	MK-L5	111	NMB SPLICE SLEEVE 8U-X(PG)	EPOXY COATED
35	MK-L6	106	NMB SPLICE SLEEVE 8U-X(PG)	EPOXY COATED
36				
37		19	#5 x 25'-3" (LEVEL 1, EPOXY COATED)	
38		26	#5 x 5'-3" (LEVEL 1, EPOXY COATED)	
39		9	#5 x 9'-3" (LEVEL 1, EPOXY COATED)	
40		19 ⚠1	#5 x 24'-8" (LEVEL 1, EPOXY COATED)	
41		26	#5 x 5'-1" (LEVEL 1, EPOXY COATED)	
42		8	#5 x 9'-0" (LEVEL 1, EPOXY COATED)	
43		10	#5 x 35'-8" (LEVEL 1, EPOXY COATED)	
44		10	#5 x 7'-3" (LEVEL 1, EPOXY COATED)	
45		2	#5 x 17'-6" (LEVEL 1, EPOXY COATED)	
46		21	#5 x 15'-11" (LEVEL 1, EPOXY COATED)	
47		17	#5 x 6'-1" (LEVEL 1, EPOXY COATED)	
48		5	#5 x 11'-3" (LEVEL 1, EPOXY COATED)	
49		12	#5 x 9'-1" (LEVEL 1, EPOXY COATED)	
50				
51		4	#7 x 11'-2" (LEVEL 1, EPOXY COATED)	
52				
53		17	#8 x 5'-10" (LEVEL 1, EPOXY COATED)	
54		26	#8 x 4'-10" (LEVEL 1, EPOXY COATED)	
55		26	#8 x 5'-0" (LEVEL 1, EPOXY COATED)	
56				
57				
58		2	4"ø I.D. x 6'-11" CORRUGATED PLASTIC SLEEVE	
59		6	4"ø I.D. x 2'-10 1/2" CORRUGATED PLASTIC SLEEVE	
60		4	4"ø I.D. x 6'-3" CORRUGATED PLASTIC SLEEVE	
61		4	4"ø I.D. x 6'-1" CORRUGATED PLASTIC SLEEVE	
62		1	20T x 19 3/4" SWIFT LIFT LIFTER	GALVANIZE
63		2	SET OF (2) 1/2"ø STRAND LIFTING LOOPS	MADE USING 4"ø PIN
64		7 ⚠1	SET OF (4) 0.60"ø STRAND LIFTING LOOPS	MADE USING 4"ø PIN
65				

ABUTMENTS & WING WALLS
PRECAST WING WALLS
PRECAST ABUTMENTS

⚠2 5-11-15 REVISED AS NOTED
⚠1 4-27-15 REVISED AS NOTED

APPROVAL STAMP:

J.P. CARRARA & SONS INC.
Precast & Prestress Manufacturer
2464 OSE 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 ADDISON

TOWN OF LINCOLN
TH 1 (RURAL MAJOR COLLECTOR) OVER NEW HAVEN RIVER
BRIDGE NO.: 19 PROJECT NO.: BRF 0188 (8)

MATERIALS LIST

DATE: FEB. 6, 2015
SCALE: NOTED
CHKD: M.A. DFTM: B.L.
JOB NO: 23459-015
DWG. NO: M2

F:\VT-Bridges\23459-15 Lincoln Bridge 19\23459-M2.dwg, 5/11/2015 3:03:15 PM