

BILL OF MATERIAL

Mark	Total Quan.	Desc.	Th./Dia in.	Width in	Width in	Length		Remarks	Mark	Total Quan.	Desc.	Th./Dia in.	Width in	Width in	Length		Remarks	Mark	Total Quan.	Desc.	Th./Dia in.	Width in	Width in	Length		Remarks	
						Ft.	In.								Ft.	In.								Ft.	In.		Ft.
P8R	1	POST - H BEAM		5 1/2	7 1/4	6	6	See LB11	FW1	4	WASHER	3/32	1 1/16	17/32				EC2	4	END CAP		4	4 3/4			See LB10	
P8L	1	POST - H BEAM		5 1/2	7 1/4	6	6	See LB11	FN1	4	HEX NUT	1/2						C1	2	BENT RAIL				20	0 1/8	Finished lgth Along FF =	
P9R	1	POST - H BEAM		5 1/2	7 1/4	6	6	See LB11	OB12R	1	OFFSET BLOCK - H BEAM		5 1/2	7 1/4	1	4 9/16	See LB11	c1	2	RAIL - 4" x 4 3/4"		4	4 3/4	22	0 1/8	See LB13(+2'-0" for Shop Bending)	
P9L	1	POST - H BEAM		5 1/2	7 1/4	6	6	See LB11	FB4	4	BOLT, HEX HD.	1/2			1 1/2			C2	1	COMPOUND BENT RAIL				26	10 5/8	Finished lgth Along FF =	
P10R	1	POST - H BEAM		5 1/2	7 1/4	6	6	See LB11	FW1	4	WASHER	3/32	1 1/16	17/32				c2	1	RAIL - 4" x 4 3/4"		4	4 3/4	30	10 5/8	See LB13 (+4'-0" for Shop Bending)	
P10L	1	POST - H BEAM		5 1/2	7 1/4	6	6	See LB11	FN1	4	HEX NUT	1/2						C3	1	BENT RAIL				26	10 5/8	Finished lgth Along FF =	
P11R	1	POST - H BEAM		5 1/2	7 1/4	6	6	See LB11	FW1	4	WASHER	3/32	1 1/16	17/32				c3	1	RAIL - 4" x 4 3/4"		4	4 3/4	30	10 5/8	See LB13 (+4'-0" for Shop Bending)	
P11L	1	POST - H BEAM		5 1/2	7 1/4	6	6	See LB11	FN1	4	HEX NUT	1/2						C4	2	BENT RAIL				22	2 3/4	Finished lgth Along FF =	
P12R	1	POST - H BEAM		5 1/2	7 1/4	6	0	See LB11	OB13R	1	OFFSET BLOCK - H BEAM		5 1/2	7 1/4	1	2 13/16	See LB11	c4	2	RAIL - 4" x 4 3/4"		4	4 3/4	26	2 3/4	See LB13 (+4'-0" for Shop Bending)	
P12L	1	POST - H BEAM		5 1/2	7 1/4	6	0	See LB11	FB4	4	BOLT, HEX HD.	1/2			1 1/2												
P13R	1	POST - H BEAM		5 1/2	7 1/4	6	0	See LB11	FW1	4	WASHER	3/32	1 1/16	17/32													
P13L	1	POST - H BEAM		5 1/2	7 1/4	6	0	See LB11	FN1	4	HEX NUT	1/2															
P14	1	POST - H BEAM		5 1/2	7 1/4	6	0	See LB11	OB14	5	OFFSET BLOCK - H BEAM		5 1/2	7 1/4	1	1 1/16	See LB11										
OB8R	1	OFFSET BLOCK - H BEAM		5 1/2	7 1/4	1	10 1/8		FB4	20	BOLT, HEX HD.	1/2			1 1/2												
FB4	4	BOLT, HEX HD.	1/2				1 1/2		FW1	20	WASHER	3/32	1 1/16	17/32													
FW1	4	WASHER	3/32	1 1/16	17/32				FN1	20	HEX NUT	1/2															
FN1	4	HEX NUT	1/2																								
OB8L	1	OFFSET BLOCK - H BEAM		5 1/2	7 1/4	1	10 1/8	See LB11	CB-03-A	68	CLAMP BAR				7 1/8	@ Barrier Railing											
FB4	4	BOLT, HEX HD.	1/2				1 1/2		FB1	136	BOLT, HEX HD.	1/2			1												
FW1	4	WASHER	3/32	1 1/16	17/32				FW1	136	WASHER	3/32	1 1/16	17/32													
FN1	4	HEX NUT	1/2																								
OB9R	1	OFFSET BLOCK - H BEAM		5 1/2	7 1/4	1	8 7/8	See LB11	SS-03-2	1	SPLICE SLEEVE				3	0	See LB12										
FB4	4	BOLT, HEX HD.	1/2				1 1/2		SS03	1	SPLICE EXTR.				3	0											
FW1	4	WASHER	3/32	1 1/16	17/32				FB2	16	BOLT, HEX WASHER FACED, PRTL THRD.	1/2			1		Partial Thd.- Washer-faced bolt or tack weld washer to bolt										
FN1	4	HEX NUT	1/2																								
OB9L	1	OFFSET BLOCK - H BEAM		5 1/2	7 1/4	1	8 7/8	See LB11	SS-03-3	1	BENT SPLICE SLEEVE				3	0	Bent - See LB12										
FB4	4	BOLT, HEX HD.	1/2				1 1/2		SS03	1	SPLICE EXTR.				3	0											
FW1	4	WASHER	3/32	1 1/16	17/32				FB2	16	BOLT, HEX WASHER FACED, PRTL THRD.	1/2			1		Partial Thd.- Washer-faced bolt or tack weld washer to bolt										
FN1	4	HEX NUT	1/2																								
OB10R	1	OFFSET BLOCK - H BEAM		5 1/2	7 1/4	1	7 9/16	See LB11	SS-03-4	1	BENT SPLICE SLEEVE				3	0	Bent - See LB12										
FB4	4	BOLT, HEX HD.	1/2				1 1/2		SS03	1	SPLICE EXTR.				3	0											
FW1	4	WASHER	3/32	1 1/16	17/32				FB2	16	BOLT, HEX WASHER FACED, PRTL THRD.	1/2			1		Partial Thd.- Washer-faced bolt or tack weld washer to bolt										
FN1	4	HEX NUT	1/2																								
OB10L	1	OFFSET BLOCK - H BEAM		5 1/2	7 1/4	1	7 9/16	See LB11	SS-03-5	1	BENT SPLICE SLEEVE				3	0	Bent - See LB12										
FB4	4	BOLT, HEX HD.	1/2				1 1/2		SS03	1	SPLICE EXTR.				3	0											
FW1	4	WASHER	3/32	1 1/16	17/32				FB2	16	BOLT, HEX WASHER FACED, PRTL THRD.	1/2			1		Partial Thd.- Washer-faced bolt or tack weld washer to bolt										
FN1	4	HEX NUT	1/2																								
OB10L	1	OFFSET BLOCK - H BEAM		5 1/2	7 1/4	1	7 9/16	See LB11	SS-03-6	2	BENT SPLICE SLEEVE				3	0	Bent - See LB12										
FB4	4	BOLT, HEX HD.	1/2				1 1/2		SS03	2	SPLICE EXTR.				3	0											
FW1	4	WASHER	3/32	1 1/16	17/32				FB2	32	BOLT, HEX WASHER FACED, PRTL THRD.	1/2			1		Partial Thd.- Washer-faced bolt or tack weld washer to bolt										
FN1	4	HEX NUT	1/2																								
OB11R	1	OFFSET BLOCK - H BEAM		5 1/2	7 1/4	1	6 1/4	See LB11																			
FB4	4	BOLT, HEX HD.	1/2				1 1/2																				
FW1	4	WASHER	3/32	1 1/16	17/32																						
FN1	4	HEX NUT	1/2																								
OB11L	1	OFFSET BLOCK - H BEAM		5 1/2	7 1/4	1	6 1/4	See LB11																			
FB4	4	BOLT, HEX HD.	1/2				1 1/2																				

VT
RECEIVED
OK'D BY: *Gran*
JAN 12 2005
RESUBMIT APPROVED
BY DATE

BRIDGE No. 21
PROJ. No: BRS 0147(5)S ITEM No: 621.74
APPROVED: _____ REC'D APPROVAL _____
DRAWING
L.B. FOSTER COMPANY
1016 GREENTREE ROAD
PITTSBURGH, PENNSYLVANIA 15220
FOR: BECK & BELLUCCI, INCORPORATED
STATE OF VERMONT AGENCY OF TRANSPORTATION
TOWN OF ROYALTON, COUNTY OF WINDSOR
2-L SEMI-ELLIP ALUM BRIDGE APPROACH RAILING FOR VT
RTE 14 OVER WHITE RIVER - BILL OF MATERIAL
MADE CMS DATE 10/08/04 JOB No. ARO170 CUST. No.
CHECK AW DATE 10/21/04 DRAWING LB14(LAST) REV. No. ONE

REVIS	DESCRIPTION	BY	DATE
1	REVISED PER APPROVER COMMENTS	CMS	12 28 04