



A Limited Liability Holding Company
 101 RJ Corman Drive • PO Box 788 • Nicholasville, KY 40340-0788
 (859) 881-7521 • Fax: (859) 885-7804 • www.rjcorman.com

June 7, 2019
 Page 1 of 3

Please submit all inquiries and bids to:
 Bradley McLennan, Funded Projects Administrator
 bradley.mclennan@rjcorman.com, 859-881-2352 phone

R. J. Corman Railroad Company / Pennsylvania Lines has received a grant from the Pennsylvania Department of Transportation under their Rail Transportation Assistance Program (RTAP).

R.J. Corman Railroad Company / Pennsylvania Lines invites you to bid any or all the following items:

Delivery of Materials to Clearfield, PA
 Anticipated Delivery: August 2019

<u>Item</u>	<u>Unit</u>	<u>Quantity</u>
Cross Ties (AREMA Mix)	EA	9,990
Spikes: 5/8"	Each	390,424
Ballast: AREMA #4	TN	1,300
Tie Glue - 5 Gallon Pails	EA	45
Bolts 1" x 6"	EA	200
Washers 1"	EA	200
Comp Bars 130PS/132RE	Pair	6
Comp Bars 105DY/115RE	Pair	6
Comp Bars 115RE/132RE	Pair	6
Comp Bars 130RE/132RE	Pair	2
Rail Seal 132RE	TF	232
Rail Seal Clips 132RE	EA	300
Welds 132RE	EA	24
Comp Welds 127DY/132RE	EA	16
Comp Welds 130PS /132RE	EA	6
Comp Welds 105DY/115RE	EA	6
Comp Welds 115RE/132RE	EA	6
Comp Welds 140RE (1/4 Worn)/132RE	EA	2
Comp Welds 130RE/132RE	EA	2
Drive-On Anchors 115RE	EA	312
Drive-On Anchors 132RE	EA	21,380
Double Shoulder Plates 115RE	EA	312
Double Shoulder Plates 132RE	EA	19,400
Framed Ties – See Diagram	EA	537
Hook Bolts ¾" x 18"	EA	137

<u>Item</u>	<u>Unit</u>	<u>Quantity</u>
Hook Bolts 3/4" x 13"	EA	200
Hook Bolts 3/4" x 15"	EA	57
Hook Bolts 3/4" x 16"	EA	53
Dome Head Drive Screw 5/8" X 6"	EA	505
Recessed Round Head Lag Screw 5/8" x 6"	EA	1,510
Nut/Washer Combo 3/4"	EA	499
 Rail 132RE	 80' Stick	 26

Delivery of Materials to Phillipsburg, PA

Anticipated Delivery: August 2019

<u>Material</u>	<u>Unit</u>	<u>Quantity</u>
Cross Ties (AREMA Mix)	EA	8,260
Ballast: AREMA #4	TN	1,732
 Rail 132RE	 60' Stick	 8
Rail 132RE	80' Stick	4

Delivery of Materials to Cherry Tree, PA

Anticipated Delivery: August 2019

<u>Material</u>	<u>Unit</u>	<u>Quantity</u>
Cross Ties (AREMA Mix)	EA	12,600
Ballast: AREMA #4	TN	2,500
 Framed Ties -See Diagram	 EA	 156
 Rail 115RE	 40' Stick	 6
Rail 132RE	80' Stick	307

Delivery of Materials to Mahaffey, PA

Anticipated Delivery: August 2019

<u>Material</u>	<u>Unit</u>	<u>Quantity</u>
Rail 132RE	80' Stick	88

- ** Please include freight as separate line item
- ** Please indicate if delivery is by truck or by rail
- ** Anticipated need is August 2019
- ** Indicate availability and delivery timing
- ** RJ Corman reserves the right to reject any or all bids

**Bids due by 6/24/2019, 5PM EST / Reference Project 2017 RTAP Materials
Please hold quotes valid for 90 days**

ALL MATERIAL MUST MEET AREMA SPECIFICATIONS

ALL BRIDGE TIMBER MATERIALS SHALL BE DENSE STRUCTURAL GRADE 65 SOUTHERN YELLOW PINE WITH PRESERVATIVE TREATMENT SHALL BE A RETENTION OF 10 POUNDS OF CREOSOTE PER CUBIC FOOT OF WOOD IN ACCORDANCE WITH THE LATEST STANDARD OF AWPA.

ALL RAIL MUST BE DEFECT FREE PLUS HEAD HARDENED AND CONTROL COOLED.

PENNSYLVANIA STEEL PRODUCTS PROCUREMENT ACT

In accordance with the Act of March 3, 1978 (P.L. 6, No. 3), as amended, known as the "Steel Products Procurement Act" (73 P.S. Section 1881 et seq.), the Grantee and/or Contractor shall only use steel products produced in the United States. If a steel product is identifiable from its face, the Grantee and/or Contractor must provide certification, if requested by the Department, that it is compliance with the Act. If a steel product is unidentifiable from its face, the Grantee and/or Contractor must provide documentation, if requested by the Department, which includes, but is not limited to: invoices, bills of lading, and mill certification that the steel was melted and manufactured in the United States sufficient to demonstrate compliance with the Act.

SUPPLIERS MUST COMPLY WITH "PROVISIONS CONCERNING THE AMERICANS WITH DISABILITIES ACT" (ATTACHMENT A) AND "NONDISCRIMINATION/SEXUAL HARASSMENT CLAUSE" (ATTACHMENT B)

The selected vendor will be required to provide their Commonwealth Vendor Number for Pennsylvania and to be registered with the Commonwealth Vendor Management Unit.

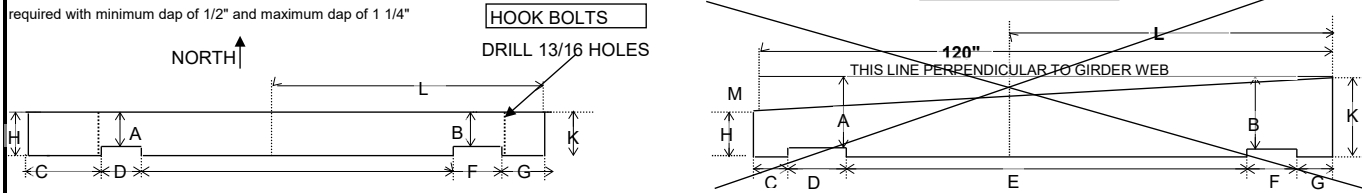
How do I find out if I have a Vendor Number? Contact Customer Services Call Center at (877) 435-7363 (toll free), option 1.

Registration is done by going to: <https://pasupplierportal.state.pa.us/irj/portal/anonymous>

RJ Corman Railroad

TIE FRAMING DIAGRAM

Center line of track should coincide with center line of ties.
 Where bracing interferes dap should be wide enough to clear lateral plates and rivets. H&K to be actual dimensions required with minimum dap of 1/2" and maximum dap of 1 1/4"



ALL DIMENSIONS IN INCHES

TIE NO.	NO. REQ'D	Actual Size of Tie Required Must Equal		H	K	M	C	D	E	F	G	A	B	L	REMARKS
		C thru G	SIZE												
A1	19	120"	8"X10"	10"	10"		15"	20"3/4	48"1/2	20"3/4	15"	9"1/2	9"1/2	60"	Drill seven for Hook Bolts
HW	2	120"	8"X10"	10"	10"										Headwall ties no daps
NWC	40		3/4"												Nut Washer Combo's
HB	17		3/4"X15"												Hook Bolts
LAGS	50		5/8"												Recessed round head lag screws 5/8"X6"
SPIKE	4														Kegs

Note: All Timber materials shall be Dense Structural Grade 65 Southern Yellow Pine with preservative treatment shall be a retention of 10 pounds of Creosote per cubic foot of wood in accordance with the latest standard of AWPA.

ORIGINAL

Project No. CH 43.7 _____ RJCP

Consignee Code _____

Date Ordered _____ Bridge No. _____

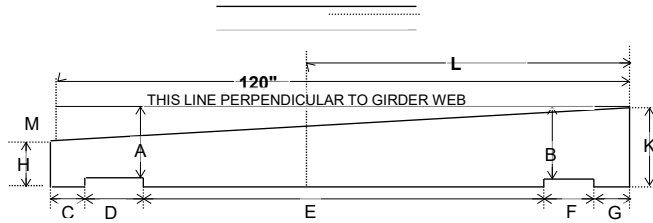
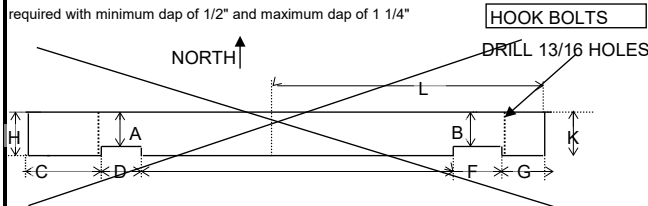
SHIP LOCATION _____ CH 43.7 _____ From---- West/ End

Track : MAIN

RJ Corman Railroad

TIE FRAMING DIAGRAM

Center line of track should coincide with center line of ties.
 Where bracing interferes dap should be wide enough to clear lateral plates and rivets. H&K to be actual dimensions required with minimum dap of 1/2" and maximum dap of 1 1/4"



ALL DIMENSIONS IN INCHES

TIE NO.	NO. REQ'D	Actual Size of Tie Required Must Equal		H	K	M	C	D	E	F	G	A	B	L	REMARKS
		C thru G	SIZE												
B1	2	160"	9"X14"	14"	10"1/2"	3"	15"	20"1/2"	49"	20"1/2"	55"	13"1/2"	13"1/2"	80"	Walkway Right Hand- Side drill for hook bolts
B1A	14	120"	9"X14"	14"	10"1/2"	3"	15"	20"1/2"	49"	20"1/2"	15"	13"1/2"	13"1/2"	60"	
B1A	5	160"	9"X14"	14"	10"1/2"	3"	15"	20"1/2"	49"	20"1/2"	55"	13"1/2"	13"1/2"	80"	Walkway Right Hand- Side Drill for hook bolts
B1B	2	120"	9"X14"	14"	10"1/2"	3"	15"	20"1/2"	49"	20"1/2"	15"	13"1/2"	13"1/2"	60"	
HW	2	160"	9"X14"	14"	11"										Headwall Tie
HB	6		3/4"X18"												Hook Bolts
HB	6		3/4"X16"												Hook Bolts
NWC	20		3/4"												Nut Washer combos
LAGS	50		5/8"X6"												Recessed head round lag screws
DHL	40		5/8"X6"												Dome head drive spikes
SPIKES	2														Kegs

Note: All Timber materials shall be Dense Structural Grade 65 Southern Yellow Pine with preservative treatment shall be a retention of 10 pounds of Creosote per cubic foot of wood in accordance with the latest standard of AWP.

ORIGINAL

Project No. Cherry tree 49.2

RJCP _____

Consignee Code _____

Date Ordered _____

Bridge No. 49.2

SHIP LOCATION _____

From---- West/ End

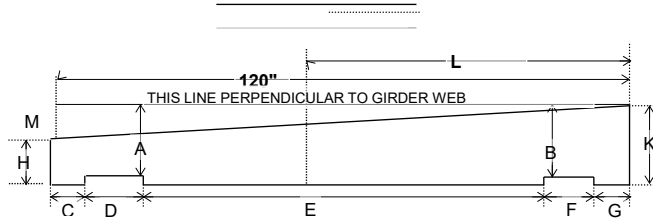
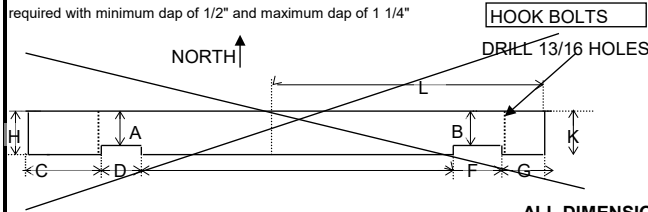
Track :

MAIN

RJ Corman Railroad

TIE FRAMING DIAGRAM

Center line of track should coincide with center line of ties.
 Where bracing interferes dap should be wide enough to clear lateral plates and rivets. H&K to be actual dimensions required with minimum dap of 1/2" and maximum dap of 1 1/4"



ALL DIMENSIONS IN INCHES

TIE NO.	NO. REQ'D	Actual Size of Tie Required Must Equal		H	K	M	C	D	E	F	G	A	B	L	REMARKS
		C thru G	SIZE												
C1A	3	108"	9"X12"1/2	12"	9"1/2	2"1/2	17"	14"1/2	45"	14"1/2	17"	11"1/2	11"1/2	54"	
C1A	1	168"	9"X12"1/2	12"	9"1/2	2"1/2	17"	14"1/2	45"	14"1/2	77"	11"1/2	11"1/2	93"	Walkway Right Side- Drill for hook bolts
C1B	1	168"	9"X12"1/2	12"	9"	2"	17"	14"1/2	45"	14"1/2	77"	11"1/2	11"	93"	Walkway Right Side- Drill for hook bolts
C1C	2	108"	9"X12"1/2	12"	9"	2"	17"	14"1/2	45"	14"1/2	17"	11"1/2	11"	54"	
C1D	1	168"	9"X12	11"1/2	8"1/2	1"1/2	17"	14"1/2	45"	14"1/2	77"	11"	10"1/2	93"	Walkway Right Side- Drill for hook bolts
C1E	8	108"	9"X11"1/2	11"	8"1/2	1"1/2	17"	14"1/2	45"	14"1/2	17"	10"1/2	10"1/2	54"	
C1E	4	168"	9"X11"1/2	11"	8"1/2	1"1/2	17"	14"1/2	45"	14"1/2	77"	10"1/2	10"1/2	93"	Walkway Right Side- Drill for hook bolts
C1F	1	168"	9"X11"1/2	11"	9"	2"	17"	14"1/2	45"	14"1/2	77"	10"1/2	11"	93"	Walkway Right Side- Drill for hook bolts
C1F	1	108"	9"X11"1/2	11"	9"	2"	17"	14"1/2	45"	14"1/2	17"	10"1/2	11"	54"	
C1G	1	168"	9"X12"	11"1/2	9"	2"	17"	14"1/2	45"	14"1/2	77"	11"	11"	93"	Walkway Right Side- Drill for hook bolts
C1H	1	108"	9"X12	11"1/2	9"1/2	2"1/2	17"	14"1/2	45"	14"1/2	17"	11"	11"1/2	54"	
C1I	3	168"	9"X12"1/2	12"	9"1/2	2"1/2	17"	14"1/2	45"	14"1/2	77"	11"1/2	11"1/2	93"	Walkway Right Side- Drill for hook bolts
C1I	1	108"	9"X12"1/2	12"	9"1/2	2"1/2	17"	14"1/2	45"	14"1/2	17"	11"1/2	11"1/2	54"	
C1J	1	168"	9"X12"1/2	12"	9"1/2	2"1/2	17"	14"1/2	45"	14"1/2	77"	11"1/2	11"1/2	93"	Walkway Right Side- Drill for hook bolts
C1K	1	168"	9"X12"1/2	12"	9"1/2	2"1/2	17"	14"1/2	45"	14"1/2	77"	11"1/2	11"1/2	93"	Walkway Right Side- Drill for hook bolts
HW	3	168"	9"	11"	6"									93"	Headwall Ties
HW	1	108"	9"	11"	6"									54"	Headwall Ties

Note: All Timber materials shall be Dense Structural Grade 65 Southern Yellow Pine with preservative treatment shall be a retention of 10 pounds of Creosote per cubic foot of wood in accordance with the latest standard of AWPA.

ORIGINAL

Project No. CH 49.25

RJCP

Consignee Code _____

Date Ordered _____

Bridge No. _____

SHIP LOCATION _____

CH 49.25 _____

From---- West/ End

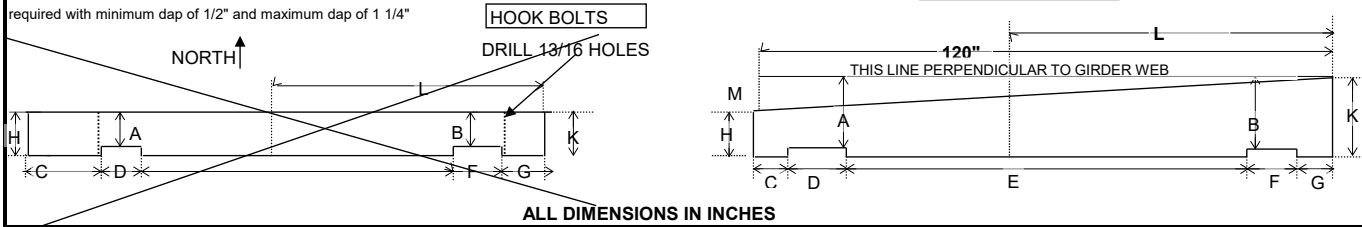
Track :

MAIN

RJ Corman Railroad

TIE FRAMING DIAGRAM

Center line of track should coincide with center line of ties.
 Where bracing interferes dap should be wide enough to clear lateral plates and rivets. H&K to be actual dimensions required with minimum dap of 1/2" and maximum dap of 1 1/4"



ALL DIMENSIONS IN INCHES

TIE NO.	NO. REQ'D	Actual Size of Tie Required Must Equal	H	K	M	C	D	E	F	G	A	B	L	REMARKS
		C thru G												
		SIZE												
HB	11	3/4"X16"												Hook Bolts
HB	11	3/4"X18"												Hook Bolts
NWC	24	3/4"												Nut Washer Combo's
SPIKES	3													Kegs
DH	65	5/8"X6"												Dome Head Drive Spikes
LAGS	80	5/8"X6"												Recessed head round lags
WT	3	192"												Timbers

Note: All Timber materials shall be Dense Structural Grade 65 Southern Yellow Pine with preservative treatment shall be a retention of 10 pounds of Creosote per cubic foot of wood in accordance with the latest standard of AWWA.

ORIGINAL

Project No. CH 49.25 RJCP

Consignee Code _____

Date Ordered _____ Bridge No. _____

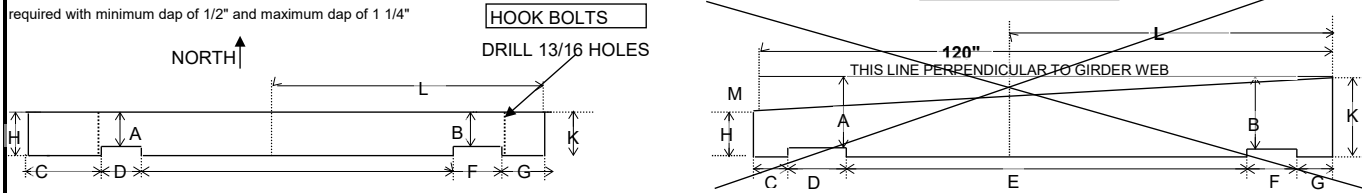
SHIP LOCATION _____ CH 49.25 _____ From---- West/ End

Track : MAIN

RJ Corman Railroad

TIE FRAMING DIAGRAM

Center line of track should coincide with center line of ties.
 Where bracing interferes dap should be wide enough to clear lateral plates and rivets. H&K to be actual dimensions required with minimum dap of 1/2" and maximum dap of 1 1/4"



ALL DIMENSIONS IN INCHES

TIE NO.	NO. REQ'D	Actual Size of Tie Required Must Equal		H	K	M	C	D	E	F	G	A	B	L	REMARKS
		C thru G	SIZE												
D1	5	108"	9"X10"1/2	10"1/2	10"1/2		17"	14"1/2	45"	14"1/2	17"	10"	9"1/2	54"	Drill two 2 for hook bolts
D1A	3	108"	9"X10"	10"	10"		17"	14"1/2	45"	14"1/2	17"	9"1/2	9"	54"	
D1B	1	108"	9"X10"	10"	10"		17"	14"1/2	45"	14"1/2	17"	9"1/2	8"1/2	54"	Drill for hook bolts
D1C	18	108"	9"X9"1/2	9"1/2	9"1/2		17"	14"1/2	45"	14"1/2	17"	9"	8"1/2	54"	Drill six for hook bolts
D1D	1	108"	9"X9"1/2	9"1/2	9"1/2		17"	14"1/2	45"	14"1/2	17"	9"	9"	54"	
D1E	3	108"	9"X10"	10"	10"		17"	14"1/2	45"	14"1/2	17"	9"1/2	9"	54"	Drill for hook bolts
D1F	11	108"	9"X10"1/2	10"1/2	10"1/2		17"	14"1/2	45"	14"1/2	17"	10"	9"1/2	54"	Drill three for hook bolts
D1G	1	108"	9"X10"1/2	10"1/2	10"1/2		17"	14"1/2	45"	14"1/2	17"	10"	9"	54"	Drill for hook bolts
D1H	2	108"	9"X10"	10"	10"		17"	14"1/2	45"	14"1/2	17"	9"1/2	9"	54"	
D1I	1	108"	9"X10"	10"	10"		17"	14"1/2	45"	14"1/2	17"	9"1/2	8"1/2	54"	Drill for hook bolts
D1J	18	108"	9"X9"1/2	9"1/2	9"1/2		17"	14"1/2	45"	14"1/2	17"	9"	8"1/2	54"	Drill six for hook bolts
D1K	1	108"	9"X9"1/2	9"1/2	9"1/2		17"	14"1/2	45"	14"1/2	17"	9"	9"	54"	
D1L	4	108"	9"X10"	10"	10"		17"	14"1/2	45"	14"1/2	17"	9"1/2	9"	54"	Drill one for hook bolts
D1M	5	108"	9"X10"1/2	10"1/2	10"1/2		17"	14"1/2	45"	14"1/2	17"	10"	9"1/2	54"	Drill two for hook bolts
HW	4	108"	9"X10"	10"	9"										Headwall ties
HB	36		3/4"X16"												Hook Bolts
LAGS	180		5/8"X6"												Recessed head round lag screws
SPIKES	5														Kegs
NWC	40		3/4"												Nut Washer Combos

Note: All Timber materials shall be Dense Structural Grade 65 Southern Yellow Pine with preservative treatment shall be a retention of 10 pounds of Creosote per cubic foot of wood in accordance with the latest standard of AWPA.

ORIGINAL

Project No. CH 50.2 _____ RJCP _____

Consignee Code _____

Date Ordered _____ Bridge No. _____

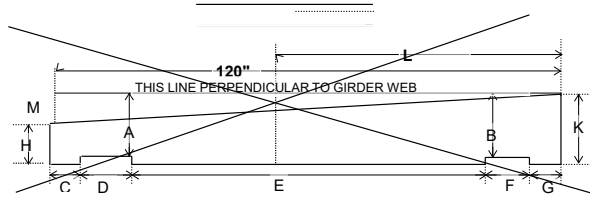
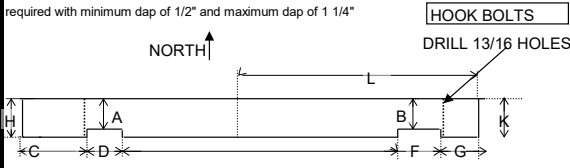
SHIP LOCATION _____ CH 50.2 _____ From---- West/ End _____

Track : _____ MAIN _____

RJ Corman Railroad

TIE FRAMING DIAGRAM

Center line of track should coincide with center line of ties.
Where bracing interferes dap should be wide enough to clear lateral plates and rivets. H&K to be actual dimensions required with minimum dap of 1/2" and maximum dap of 1 1/4"



ALL DIMENSIONS IN INCHES

TIE NO.	NO. REQ'D	Actual Size of Tie Required Must Equal		H	K	M	C	D	E	F	G	A	B	L	REMARKS
		C thru G	SIZE												
W1	8	132"	9X11"1/2	11"1/2	11"1/2		12"	18"1/2	71"	18"1/2	12"	11"	11"	66"	
W1	3	186"	9X11"1/2	11"1/2	11"1/2		66"	18"1/2	71"	18"1/2	12"	11"	11"	93"	Walkway Left Side- Drill For Hook Bolts
W1A	4	132"	9X11	11"	11"		12"	18"1/2	71"	18"1/2	12"	10"1/2	10"1/2	66"	
W1A	1	186"	9X11	11"	11"		66"	18"1/2	71"	18"1/2	12"	10"1/2	10"1/2	93"	Walkway Left Side- Drill For Hook Bolts
W1B	26	132"	9X10"1/2	10"1/2	10"1/2		12"	18"1/2	71"	18"1/2	12"	10"	10"	66"	
W1B	9	186"	9X10"1/2	10"1/2	10"1/2		66"	18"1/2	71"	18"1/2	12"	10"	10"	93"	Walkway Left Side- Drill For Hook Bolts
W1C	4	132"	9X11	11"	11"		12"	18"1/2	71"	18"1/2	12"	10"1/2	10"1/2	66"	
W1C	2	186"	9X11	11"	11"		66"	18"1/2	71"	18"1/2	12"	10"1/2	10"1/2	93"	Walkway Left Side- Drill For Hook Bolts
W1D	8	132"	9X11"1/2	11"1/2	11"1/2		12"	18"1/2	71"	18"1/2	12"	11"	11"	66"	
W1D	2	186"	9X11"1/2	11"1/2	11"1/2		66"	18"1/2	71"	18"1/2	12"	11"	11"	93"	Walkway Left Side- Drill For Hook Bolts
W2	8	132"	9X11"1/2	11"1/2	11"1/2		12"	18"1/2	71"	18"1/2	12"	11"	11"	66"	
W2	3	186"	9X11"1/2	11"1/2	11"1/2		66"	18"1/2	71"	18"1/2	12"	11"	11"	93"	Walkway Left Side- Drill For Hook Bolts
W2A	4	132"	9X11"	11"	11"		12"	18"1/2	71"	18"1/2	12"	10"1/2	10"1/2	66"	
W2A	1	186"	9X11	11"	11"		66"	18"1/2	71"	18"1/2	12"	10"1/2	10"1/2	93"	Walkway Left Side- Drill For Hook Bolts
W2B	27	132"	9X10"1/2	10"1/2	10"1/2		12"	18"1/2	71"	18"1/2	12"	10"	10"	66"	
W2B	9	186"	9X10"1/2	10"1/2	10"1/2		66"	18"1/2	71"	18"1/2	12"	10"	10"	93"	Walkway Left Side- Drill For Hook Bolts
W2C	4	132"	9X11	11"	11"		12"	18"1/2	71"	18"1/2	12"	10"1/2	10"1/2	66"	
W2C	1	186"	9X11	11"	11"		66"	18"1/2	71"	18"1/2	12"	10"1/2	10"1/2	93"	Walkway Left Side- Drill For Hook Bolts

Note: All Timber materials shall be Dense Structural Grade 65 Southern Yellow Pine with preservative treatment shall be a retention of 10 pounds of Creosote per cubic foot of wood in accordance with the latest standard of AWPA.

ORIGINAL

Project No. WL 6.3

RJCP WL 6.3

Consignee Code _____

Date Ordered _____

Bridge No. _____

SHIP LOCATION _____

WL 6.3 _____

From--- West/ End

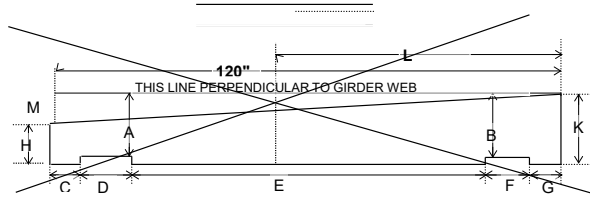
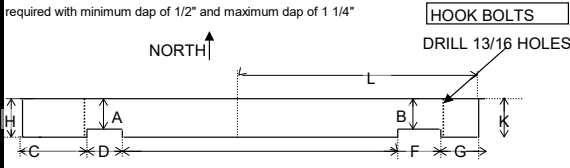
Track :

MAIN

RJ Corman Railroad

TIE FRAMING DIAGRAM

Center line of track should coincide with center line of ties.
 Where bracing interferes dap should be wide enough to
 clear lateral plates and rivets. H&K to be actual dimensions
 required with minimum dap of 1/2" and maximum dap of 1 1/4"



ALL DIMENSIONS IN INCHES

TIE NO.	NO. REQ'D	Actual Size of Tie Required Must Equal		H	K	M	C	D	E	F	G	A	B	L	REMARKS
		C thru G	SIZE												
W2D	7	132"	9X11"1/2	11"1/2	11"1/2		12"	18"1/2	71"	18"1/2	12"	11"	11"	66"	
W2D	3	186"	9X11"1/2	11"1/2	11"1/2		66"	18"1/2	71"	18"1/2	12"	11"	11"	93"	Walkway Left Side- Drill For Hook Bolts
W3	8	132"	9X11"1/2	11"1/2	11"1/2		12"	18"1/2	71"	18"1/2	12"	11"	11"	66"	
W3	2	186"	9X11"1/2	11"1/2	11"1/2		66"	18"1/2	71"	18"1/2	12"	11"	11"	93"	Walkway Left Side- Drill For Hook Bolts
W3A	3	132"	9X11"	11"	11"		12"	18"1/2	71"	18"1/2	12"	10"1/2	10"1/2	66"	
W3A	2	186"	9X11"	11"	11"		66"	18"1/2	71"	18"1/2	12"	10"1/2	10"1/2	93"	Walkway Left Side- Drill For Hook Bolts
W3B	27	132"	9X10"1/2	10"1/2	10"1/2		12"	18"1/2	71"	18"1/2	12"	10"	10"	66"	
W3B	9	186"	9X10"1/2	10"1/2	10"1/2		66"	18"1/2	71"	18"1/2	12"	10"	10"	93"	Walkway Left Side- Drill For Hook Bolts
W3C	5	132"	9X11"	11"	11"		12"	18"1/2	71"	18"1/2	12"	10"1/2	10"1/2	66"	
W3C	1	186"	9X11"	11"	11"		66"	18"1/2	71"	18"1/2	12"	10"1/2	10"1/2	93"	Walkway Left Side- Drill For Hook Bolts
W3D	7	132"	9X11"1/2	11"1/2	11"1/2		12"	18"1/2	71"	18"1/2	12"	11"	11"	66"	
W3D	3	186"	9X11"1/2	11"1/2	11"1/2		66"	18"1/2	71"	18"1/2	12"	11"	11"	93"	Walkway Left Side- Drill For Hook Bolts
W4	9	132"	9X11"1/2	11"1/2	11"1/2		12"	18"1/2	71"	18"1/2	12"	11"	11"	66"	
W4	2	186"	9X11"1/2	11"1/2	11"1/2		66"	18"1/2	71"	18"1/2	12"	11"	11"	93"	Walkway Left Side- Drill For Hook Bolts
W4A	3	132"	9X11"	11"	11"		12"	18"1/2	71"	18"1/2	12"	10"1/2	10"1/2	66"	
W4A	2	186"	9X11"	11"	11"		66"	18"1/2	71"	18"1/2	12"	10"1/2	10"1/2	93"	Walkway Left Side- Drill For Hook Bolts
W4B	27	132"	9X10"1/2	10"1/2	10"1/2		12"	18"1/2	71"	18"1/2	12"	10"	10"	66"	
W4B	8	186"	9X10"1/2	10"1/2	10"1/2		66"	18"1/2	71"	18"1/2	12"	10"	10"	93"	Walkway Left Side- Drill For Hook Bolts

Note: All Timber materials shall be Dense Structural Grade 65 Southern Yellow Pine with preservative treatment shall be a retention of 10 pounds of Creosote per cubic foot of wood in accordance with the latest standard of AWPA.

ORIGINAL

Project No. WL 6.3

RJCP WL 6.3

Consignee Code _____

Date Ordered _____

Bridge No. _____

SHIP LOCATION _____

WL 6.3 _____

From--- West/ End

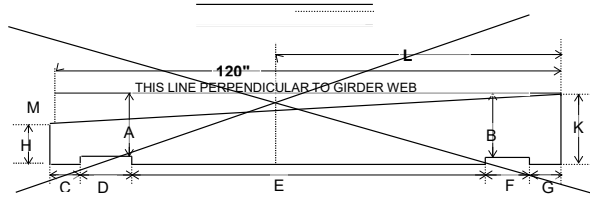
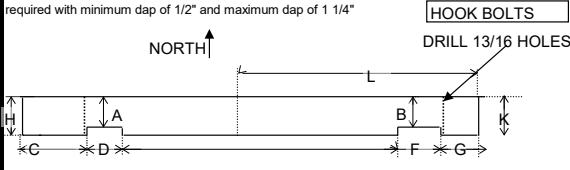
Track :

MAIN

RJ Corman Railroad

TIE FRAMING DIAGRAM

Center line of track should coincide with center line of ties.
 Where bracing interferes dap should be wide enough to
 clear lateral plates and rivets. H&K to be actual dimensions
 required with minimum dap of 1/2" and maximum dap of 1 1/4"



ALL DIMENSIONS IN INCHES

TIE NO.	NO. REQ'D	Actual Size of Tie Required Must Equal	H	K	M	C	D	E	F	G	A	B	L	REMARKS
		C thru G SIZE												
W4C	3	132" 9X11	11"	11"		12"	18"	72"	18"	12"	10"1/2	10"1/2	66"	
W4C	2	186" 9X11	11"	11"		66"	18"	72"	18"	12"	10"1/2	10"1/2	93"	Walkway Left Side- Drill For Hook Bolts
W4D	8	132" 9X11"1/2	11"1/2	11"1/2		12"	18"	72"	18"	12"	11"	11"	66"	
W4D	2	186" 9X11"1/2	11"1/2	11"1/2		66"	18"	72"	18"	12"	11"	11"	93"	Walkway Left Side- Drill For Hook Bolts
W5	7	132" 9X11"1/2	11"1/2	11"1/2		12"	18"	72"	18"	12"	11"	11"	66"	
W5	3	186" 9X11"1/2	11"1/2	11"1/2		66"	18"	72"	18"	12"	11"	11"	93"	Walkway Left Side- Drill For Hook Bolts
W5A	4	132" 9X11	11"	11"		12"	18"	72"	18"	12"	10"1/2	10"1/2	66"	
W5A	1	186" 9X11	11"	11"		66"	18"	72"	18"	12"	10"1/2	10"1/2	93"	Walkway Left Side- Drill For Hook Bolts
W5B	26	132" 9X10"1/2	10"1/2	10"1/2		12"	18"	72"	18"	12"	10"	10"	66"	
W5B	9	186" 9X10"1/2	10"1/2	10"1/2		66"	18"	72"	18"	12"	10"	10"	93"	Walkway Left Side- Drill For Hook Bolts
W5C	5	132" 9X11	11"	11"		12"	18"	72"	18"	12"	10"1/2	10"1/2	66"	
W5C	1	186" 9X11	11"	11"		66"	18"	72"	18"	12"	10"1/2	10"1/2	93"	Walkway Left Side- Drill For Hook Bolts
W5D	8	132" 9X11"1/2	11"1/2	11"1/2		12"	18"	72"	18"	12"	11"	11"	66"	
W5D	3	186" 9X11"1/2	11"1/2	11"1/2		66"	18"	72"	18"	12"	11"	11"	93"	Walkway Left Side- Drill For Hook Bolts
W6	5	132" 9X11"1/2	11"1/2	11"1/2		12"	18"	72"	18"	12"	11"	11"	66"	
W6	2	186" 9X11"1/2	11"1/2	11"1/2		66"	18"	72"	18"	12"	11"	11"	93"	Walkway Left Side- Drill For Hook Bolts
W6A	3	132" 9X11	11"	11"		12"	18"	72"	18"	12"	10"1/2	10"1/2	66"	
W6A	2	186" 9X11	11"	11"		66"	18"	72"	18"	12"	10"1/2	10"1/2	93"	Walkway Left Side- Drill For Hook Bolts

Note: All Timber materials shall be Dense Structural Grade 65 Southern Yellow Pine with preservative treatment shall be a retention of 10 pounds of Creosote per cubic foot of wood in accordance with the latest standard of AWPA.

ORIGINAL

Project No. RJCP W 6.3

Consignee Code _____

Date Ordered _____

SHIP LOCATION _____

RJCP 6.3

Bridge No. _____

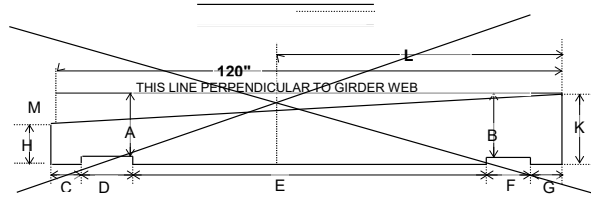
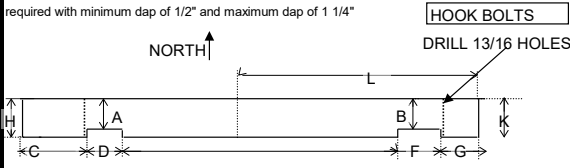
W 6.3 _____ From--- West/ End

Track : MAIN

RJ Corman Railroad

TIE FRAMING DIAGRAM

Center line of track should coincide with center line of ties.
 Where bracing interferes dap should be wide enough to clear lateral plates and rivets. H&K to be actual dimensions required with minimum dap of 1/2" and maximum dap of 1 1/4"



ALL DIMENSIONS IN INCHES

TIE NO.	NO. REQ'D	Actual Size of Tie Required Must Equal		H	K	M	C	D	E	F	G	A	B	L	REMARKS
		C thru G	SIZE												
W6B	27	132"	9X11	10"1/2	10"1/2		12"	18"	72"	18"	12"	10"	10"	66"	
W6B	9	186"	9X11	10"1/2	10"1/2		66"	18"	72"	18"	12"	10"	10"	93"	Walkway Left Side- Drill for Hook Bolts
W6C	4	132"	9X11"1/2	11"	11"		12"	18"	72"	18"	12"	10"1/2	10"1/2	66"	
W6C	1	186"	9X11"1/2	11"	11"		66"	18"	72"	18"	12"	10"1/2	10"1/2	93"	Walkway Left Side- Drill for Hook Bolts
W6D	7	132"	9X12	11"1/2	11"1/2		12"	18"	72"	18"	12"	11"	11"	66"	
W6D	3	186"	9X12	11"1/2	11"1/2		66"	18"	72"	18"	12"	11"	11"	93"	Walkway Left Side- Drill for Hook Bolts
W7	62	120"	9X11	11"	9"1/2	1"	17"1/2	25"	35"	25"	17"1/2	10"1/2	10"1/2	60"	
W7	41	156"	9X11	11"	9"1/2	1"	53"1/2	25"	35"	25"	17"1/2	10"1/2	10"1/2	78"	Walkway Left Side- Drill for Hook Bolts
W7A	6	120"	9X11	11"	9"1/2	1"	17"1/2	25"	35"	25"	17"1/2	10"1/2	10"1/2	60"	
W7A	3	168"	9X11	11"	9"1/2	1"	64"	25"	35"	25"	17"1/2	10"1/2	10"1/2	84"	Walkway Left Side- Drill for Hook Bolts
W7B	1	168"	9X12"	11"1/2	9"1/2	2"1/2	64"	16"	51"1/2	24"1/2	12"	11"1/2	12"	84"	Walkway Left Side- Single Dap Right Side
W7C	6	120"	9X12"1/2	12"1/2	9"1/2	3"1/2	16"	16"	51"1/2	24"1/2	12"	12"1/2	12"	60"	
W7C	3	168"	9"X12"1/2	12"1/2	9"1/2	3"1/2	64"	16"	51"1/2	24"1/2	12"	12"1/2	12"	84"	Walkway Left Side- Single Dap Right Side
HW	1	186"	9"X16"	16"	11"										Headwall Tie
HW	1	120"	9"X12"1/2	12"1/2	8"1/2										Headwall Tie

Note: All Timber materials shall be Dense Structural Grade 65 Southern Yellow Pine with preservative treatment shall be a retention of 10 pounds of Creosote per cubic foot of wood in accordance with the latest standard of AWPA.

ORIGINAL

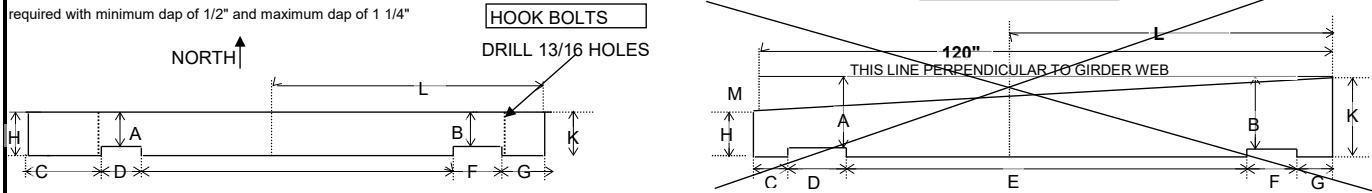
Project No. WL 6.3
 Consignee Code _____
 Date Ordered _____
 SHIP LOCATION _____

RJCP WL 6.3
 Bridge Nr WL 6.3
 From--- West/ End
 Track : **MAIN**

RJ Corman Railroad

TIE FRAMING DIAGRAM

Center line of track should coincide with center line of ties.
 Where bracing interferes dap should be wide enough to clear lateral plates and rivets. H&K to be actual dimensions required with minimum dap of 1/2" and maximum dap of 1 1/4"



ALL DIMENSIONS IN INCHES

TIE NO.	NO. REQ'D	Actual Size of Tie Required Must Equal		H	K	M	C	D	E	F	G	A	B	L	REMARKS
		C thru G	SIZE												
CB	12	192"	3"1/2X9"	3"1/2											Cushion Boards
CB	6	192"	3"X9"	3"											Cushion Boards
CB	18	192"	2"1/2X9"	2"1/2											Cushion Boards
CB	40	192"	1"1/2X12"	1"1/2											Cushion Boards
CB	1	192"	2"1/2X12"	2"1/2											Cushion Boards
CB	2	192"	3"1/2X12"	3"1/2											Cushion Boards
HB	40	3/4"X15"													Hook Bolts
HB	200	3/4"X13"													Hook Bolts
HB	120	3/4"X18"													Hook Bolts
NWC	375	3/4"													Nut Washer Combos
LAGS	1150	5/8"X6"													Round Recessed Head Timber Screw
DHS	400	5/8"X6"													Dome Head Drive Spike 4 Notch
Spikes	90														Kegs

Note: All Timber materials shall be Dense Structural Grade 65 Southern Yellow Pine with preservative treatment shall be a retention of 10 pounds of Creosote per cubic foot of wood in accordance with the latest standard of AWPA.

ORIGINAL

Project No. _____

Consignee Code _____

Date Ordered _____

SHIP LOCATION _____

Bridge No. _____

From---- West/ End _____

Track : _____

MAIN

PROVISIONS CONCERNING THE *AMERICANS WITH DISABILITIES ACT*

For the purpose of these provisions, the term contractor is defined as any person, including, but not limited to, a bidder, offeror, supplier, or grantee, who will furnish or perform or seeks to furnish or perform, goods, supplies, services, construction or other activity, under a purchase order, contract, or grant with the Commonwealth of Pennsylvania (Commonwealth).

During the term of this agreement, the contractor agrees as follows:

1. Pursuant to federal regulations promulgated under the authority of the *Americans with Disabilities Act, 28 C. F. R. § 35.101 et seq.*, the contractor understands and agrees that no individual with a disability shall, on the basis of the disability, be excluded from participation in this agreement or from activities provided for under this agreement. As a condition of accepting and executing this agreement, the contractor agrees to comply with the "*General Prohibitions Against Discrimination, 28 C. F. R. § 35.130*, and all other regulations promulgated under *Title II of the Americans with Disabilities Act* which are applicable to the benefits, services, programs, and activities provided by the Commonwealth through contracts with outside contractors.
2. The contractor shall be responsible for and agrees to indemnify and hold harmless the Commonwealth from all losses, damages, expenses, claims, demands, suits, and actions brought by any party against the Commonwealth as a result of the contractor's failure to comply with the provisions of paragraph 1.

NONDISCRIMINATION/SEXUAL HARASSMENT CLAUSE [Grants]

The Grantee agrees:

1. In the hiring of any employee(s) for the manufacture of supplies, performance of work, or any other activity required under the grant agreement or any subgrant agreement, contract, or subcontract, the Grantee, a subgrantee, a contractor, a subcontractor, or any person acting on behalf of the Grantee shall not discriminate by reason of race, gender, creed, color, sexual orientation, gender identity or expression, or in violation of the *Pennsylvania Human Relations Act* (PHRA) and applicable federal laws, against any citizen of this commonwealth who is qualified and available to perform the work to which the employment relates.
2. The Grantee, any subgrantee, contractor or any subcontractor or any person on their behalf shall not in any manner discriminate by reason of race, gender, creed, color, sexual orientation, gender identity or expression, or in violation of the PHRA and applicable federal laws, against or intimidate any of its employees.
3. Neither the Grantee nor any subgrantee nor any contractor nor any subcontractor nor any person on their behalf shall in any manner discriminate by reason of race, gender, creed, color, sexual orientation, gender identity or expression, or in violation of the PHRA and applicable federal laws, in the provision of services under the grant agreement, subgrant agreement, contract or subcontract.
4. Neither the Grantee nor any subgrantee nor any contractor nor any subcontractor nor any person on their behalf shall in any manner discriminate against employees by reason of participation in or decision to refrain from participating in labor activities protected under the *Public Employee Relations Act*, *Pennsylvania Labor Relations Act* or *National Labor Relations Act*, as applicable and to the extent determined by entities charged with such Acts' enforcement, and shall comply with any provision of law establishing organizations as employees' exclusive representatives.
5. The Grantee, any subgrantee, contractor or any subcontractor shall establish and maintain a written nondiscrimination and sexual harassment policy and shall inform their employees in writing of the policy. The policy must contain a provision that sexual harassment will not be tolerated and employees who practice it will be disciplined. Posting this Nondiscrimination/Sexual Harassment Clause conspicuously in easily-accessible and well-lighted places customarily frequented by employees and at or near where the grant services are performed shall satisfy this requirement for employees with an established work site.
6. The Grantee, any subgrantee, contractor or any subcontractor shall not discriminate by reason of race, gender, creed, color, sexual orientation, gender identity or expression, or in violation of the PHRA and applicable federal laws, against any subgrantee, contractor, subcontractor or supplier who is qualified to perform the work to which the grant relates.
7. The Grantee and each subgrantee, contractor and subcontractor represents that it is presently in compliance with and will maintain compliance with all applicable federal, state, and local laws and regulations relating to nondiscrimination and sexual harassment. The Grantee and each subgrantee, contractor and

Attachment B

subcontractor further represents that it has filed a Standard Form 100 Employer Information Report ("EEO-1") with the U.S. Equal Employment Opportunity Commission ("EEOC") and shall file an annual EEO-1 report with the EEOC as required for employers' subject to *Title VII of the Civil Rights Act of 1964*, as amended, that have 100 or more employees and employers that have federal government contracts or first-tier subcontracts and have 50 or more employees. The Grantee, any subgrantee, any contractor or any subcontractor shall, upon request and within the time periods requested by the Commonwealth, furnish all necessary employment documents and records, including EEO-1 reports, and permit access to their books, records, and accounts by the granting agency and the Bureau of Diversity, Inclusion and Small Business Opportunities for the purpose of ascertaining compliance with the provisions of this Nondiscrimination/Sexual Harassment Clause.

8. The Grantee, any subgrantee, contractor or any subcontractor shall include the provisions of this Nondiscrimination/Sexual Harassment Clause in every subgrant agreement, contract or subcontract so that those provisions applicable to subgrantees, contractors or subcontractors will be binding upon each subgrantee, contractor or subcontractor.
9. The Granter's and each subgrantee's, contractor's and subcontractor's obligations pursuant to these provisions are ongoing from and after the effective date of the grant agreement through the termination date thereof. Accordingly, the Grantee and each subgrantee, contractor and subcontractor shall have an obligation to inform the commonwealth if, at any time during the term of the grant agreement, it becomes aware of any actions or occurrences that would result in violation of these provisions.
10. The commonwealth may cancel or terminate the grant agreement and all money due or to become due under the grant agreement may be forfeited for a violation of the terms and conditions of this Nondiscrimination/Sexual Harassment Clause. In addition, the granting agency may proceed with debarment or suspension and may place the Grantee, subgrantee, contractor, or subcontractor in the Contractor Responsibility File.