



Northern Pacific Railway Company.
Engineering Department Records.

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Northern Pacific Railway Co.

OFFICE OF CHIEF ENGINEER

FILE NO. 3677 - 2

SUBJECT:

1917 - 18 - 19

AUBURN CONCRETE PLANT BILLS

3677.
2

3677

Saint Paul, August 29, 1924.

Mr. M. F. Clements:

Your memorandum on the attached about extending the use of concrete water barrels.

I suggest you take this matter up by correspondence with the other members of the Joint Standards Committee, and also with the different Supervisors.

The results so far obtained seem to indicate that it may be desirable to cast additional barrels.

Chief Engineer.

HES-ar

Encl.

3677

St. Paul, Minn., July 24th, 1922.

Mr. A. R. Cook,
Principal Assistant Engineer,
Seattle, Wash.

Dear Sir:

For your information I wish to advise that I have charged to DAS #10 Auburn concrete plant \$16.00 for the inspection of corrugated bars furnished by the Loclede Steel Company.

Yours truly,

JHR:JLL

Chief Engineer

Idaho Divn. reqn. #424
for 25 empty barrels.

3677

Seattle, Wash., June 27th, 1922.

Mr. J. L. DeForce,
Superintendent,
Spokane, Washington.

Dear Sir:

Referring to your requisition #424 for 25 empty barrels
for fire protection bridges and buildings, Idaho Division.

Have changed requisition to read:

19 empty barrels
6 concrete water barrels

I have ordered the six concrete water barrels shipped
from Auburn Concrete Plant to you at Spokane to apply on
this requisition. These concrete water barrels are to be
used on bridges on Idaho Division for experimental purposes.

Record should be kept of location, date placed, bridge
number where placed and performance of each barrel, and this
office furnished full detail of this record.

The method of fastening the barrels to the bridges is
shown on plan dated office of Bridge Engineer, St. Paul, April
20th, 1921, Plan No. 152003, and print of this plan will be
furnished you later on for purpose of making requisition for
necessary straps and bolts for fastening the barrels to the
bridge.

Yours truly,

(Signed) A. R. COOK

Principal Assistant Engineer.

CES-S
cc to JDK HES

3677
Saint Paul, June 27th, 1922.

Mr. A. R. Cook,
Principal Assistant Engineer,
Seattle, Washington.

Referring to Mr. Stevens' letter of the third to you
about reinforced concrete water barrels of which six are to
be used on the East End:

Will you please ship these barrels as follows:

1	barrel to	Frank Ingalls,	Supervisor -	Jamestown, N. D.
2	"	" E. M. Grime,	"	- Fargo, N. D.
1	"	" James Hartley,	"	- Clyndon, Minn.
1	"	" E. H. Brown,	"	- Little Falls, Minn.
1	"	" D. Fairchild,	"	- Duluth, Minn.

Yours truly,

BERNARD BLUM.
Engr. Mtce. of Way.

BB-0

Copy Mr. Stevens.



FORM 1386

Telegram—Be Brief

Time Filed

M.

320 CFHN

Seattle april 19 1922

HEStevens

ST^raul

M-43 Expect to forward Auburn concrete plant books within next few days some additional information to be added B-29

ARCook

850pm



FORM 1386

Telegram—Be Brief

Time Filed

M.

mp

4-19-✓✓

AR Book

Seattle

Ar may wire 7th. when may
we expect Auburns Concrete plank
books for 1919 to date Mr-43

H E Stevens



FORM 1386

Telegram—Be Brief

Time Filed

M.

NP 4/7/22

AR Books
Seattle
Wash

Please forward Auburn Concrete
Plant books for 1919 to date

m-12-

NE Stumm

St. Paul, Minn.,
April 4th, 1922,
File J-1-39124.

Mr. H. E. Stevens,
Chief Engineer,
B U I L D I N G.

Dear Sir:-

The charges to Auburn Concrete Plant Suspense
for February 1922 are as follows:

	<u>Operation.</u>
23500	929.80
23514	550.00
20089	3.45
"	418.41
20534	4.00

This brings total for Auburn Concrete Plant
to \$23,083.71.

Yours truly,

E. O. Parks
Auditor Disbursements.

JH-bf

CHIEF OF POLICE
ST. PAUL, MINN.
NOV 22 1925
RECEIVED

St. Paul, April 3, 1922.

Mr. E. O. Parks,

Auditor Disbursements.

Dear Sir:

Per conversation with your office Saturday, I understand that you are preparing to transfer to this department charges you are now carrying in Suspense in connection with the following:

Auburn Concrete Plant

Tie Plant

Darling Gravel Pit

In order to enable you to reconcile your accounts as far as the Auburn concrete plant is concerned I am enclosing herewith the books for that item. Please return as soon as same have served your purpose.

Yours truly,

JHR/FS

Encl.

Chief Engineer.

Re: Accounting Auburn Concrete Plant.

Tacoma, Wash., March 24, 1922.

Mr. H. E. Stevens,
Chief Engineer,
St. Paul, Minnesota.

Dear Sir:

Referring to your letter of March 21st together with letter from Mr. Parks of date March 13th, 1921, File J-138006, attached re accounting Auburn Concrete Plant.

Please see my letter to you of March 14th, 1922. We have no cost records now in this office covering the period from 1914 to 1918 inclusive, this record having been sent you as indicated in my letter of the 14th inst. for use of Auditor in checking up accounts. Cost records for 1919 and subsequent thereto at present time are packed for shipment to Seattle and it is probable that the matter of further checking will be considerably delayed on account of the moving of the office.

Yours truly,

Handwritten signature: A. R. Coop

Principal Assistant Engineer.

CES/S

cc to EOP

*Send you
purpose*

5

St. Paul, March 21st, 1922.

Mr. A. R. Cook,
Prin. Asst. Engineer,
Tacoma, Wash.

Dear Sir:

I am enclosing some more statements showing charges to Auburn Concrete Plant together with Mr. Parks' letter of March 13th, File J1-38006.

Will you please advise the balances you were carrying in this account as of the last day of the years 1914 to 1919 inclusive as well as February 28th, 1922.

Yours truly,

JHR/FS

Encl.

Chief Engineer.

Re: Accounting Auburn Concrete Plant.

Tacoma, Wash., March 18, 1922.

Mr. H. E. Stevens;

Referring to my letter of March 14th re accounting Auburn Concrete Plant.

I am sending to you today by N.P. express distribution record of the Auburn Concrete Plant kept in Mr. Perkins' office, covering period from 1914 to 1917 inclusive. This should have been sent with the cost record which went to you on March 14th.

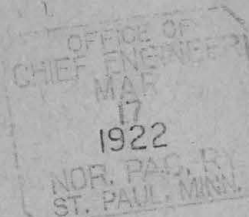
CES-S

A. R. Cook

cc to EOP

ST. PAUL, MINN.
NOV. 1922
OFFICE OF
THE
SHERIFF

Re: Accounting - Auburn Concrete Plant.



Tacoma, Wash., March 14th, 1922..

Mr. H. E. Stevens,
Chief Engineer,
St. Paul, Minnesota.

Dear Sir:

Referring to your letter of March 10th together with Mr. Parks' letter of March 9th, File J-137673, regarding accounting Auburn Concrete Plant.

I am sending to you today by N.P. express the cost record of the Auburn Concrete Plant kept in Mr. Perkins' office which covers the period from 1914 to 1918 inclusive, including a few shipments made in January 1919 which seem to have been included in the 1918 report. There is no record in this office showing the cost of operation of plant during the time it was handled by Mr. Breedlove, ^{per 4/19/20} and I presume this cost record is in St. Paul office. I sent you with my letter of March 3rd, 1920 a statement of charges and credits to Auburn Concrete Plant for year 1919, and the check recently made covers the period from March 1920 to September 30th, 1921.

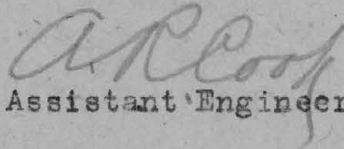
On account of moving office to Seattle, it is quite probable that no further work will be done on the check ^{for} of the period for the first two months in 1920 until after the move is completed, and if Auditor desires any information from the record in this office covering this period, it can be forwarded to him and a check

Mr. F. L. Stevens - #2

made and returned here later.

Referring to the two items which apparently were not shown on our record, and copies of which were attached to Mr. Parks' letter of March 9th referred to above, Order No. J-415, amount \$31.13, was proper charge and has been included in our 1921 accounts. The item of \$210.40 for coal furnished by Northwestern Improvement Company seems to be duplicate charge as similar amount was already charged on Store Department invoice. Have taken this up with Store Department, sending copy of this correspondence to Mr. Parks.

Yours truly,



Principal Assistant Engineer. S.

CES-S

cc to EOP

3677
St. Paul, February 15th, 1922.

Mr. A. R. Cook,
Prin. Asst. Engineer,
Tacoma, Wash.

Dear Sir:

Referring to your bill No. 392 ED No. 1393,
\$555.50 against Store Department for value of cement
shipped to Auburn concrete plant for use in manufacture of
product for AFE 905-20.

Inasmuch as these product are used on A. & B.
work exclusively I see no objection to adding 1% purchas-
ing expense providing of course no other store expense is
added when making 1924's.

However the attached was taken into account for
\$550.00 only and in this case it will be necessary to make
an entry to take care of the purchasing expense of \$5.50.

Yours truly,

JHR/TS

Chief Engineer.

NORTHERN PACIFIC RAILWAY COMPANY

Department

E. D. No. 787

Order No.

Mem. No. PAB-T-191

TO

Engineering

Department, Dr.

1919.

(Auburn Concrete Plant)

Oct. 17th. For salary of Superintendent at Auburn Concrete Plant during month of September 1919.

Plant Superintendent

1 Mo. @ 225.00

\$225.00

Amount of this Bill

\$225.00

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here

(Signed) A. R. COOK

Officer who renders bill sign here

Principal Assistant Engineer

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

E.D. No. 788

Order No.

Mem. No. PAS-1-192

TO

Engineering

Department, Dr.

1919

(Auburn Concrete Plant)

Oct. 17th. For Labor furnished at Auburn Concrete Plant during month of September 1919.

Engineer	200/300	No	\$	137.00	137.00
Steelman	400	Hrs.		.62	250.00
Foreman	200	"		.59	119.00
Concrete Moulder	720	"		.66	406.80
Pumpmen	188	"		.56	94.92

Amount of this Bill

\$1007.74

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here

(Signed) J. R. COOK

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

ED * 729

STORE

Department

Order No.

Mem. No. PAR-T-1273

TO Engineering

Department, Dr.

191

(Auburn Concrete Plant)

Sept. 10, For value of reinforcing iron furnished Auburn Concrete Plant as per South Tacoma Store Department bill #929, O. D. #523.

7-136

WB-0548 RF 38644, 7-9-19, Memo

59 Pcs. Reinforcing Iron 5' long Brainard 270 @ 1.90 CF 5.13

Store expense .51

56.64

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

731

STORE

Department

Order No.

Mem. No.

PAC-2-174.

TO

Engineering

Department, Dr.

191

(Auburn Concrete Plant)

Sept. 11th., For value of material furnished Auburn Concrete Plant
per South Tacoma Store Dept. bill #1035.

S-466

W/S-01227 5/26/19 GRASA 31561, Auburn, Wash. TST 2878.

1	Iron Drum Car Oil	St. Paul	800#	100 Gal	19.22 CG	19.22
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S-235

Express 5/14/19 Auburn, Wash. TST-2878.

1	Pkg. Rubber Valves $\frac{1}{2}$ " thick x 3' dia.					
	with $\frac{1}{2}$ " hole in center	St. Paul	30		37.73 CG	1.13

\$20.35

Store Expense 2.03

\$22.38

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK

Officer against whom bill is rendered will sign here

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

S.D. No. 730

Order No.

Mem. No. PAS-T-172

TO

Engineering

Department, Dr.

191

1919.

(Auburn Concrete Plant)

Sept. 10, For value of material furnished Auburn Concrete Plant, as per South Tacoma Store Department bill #940, O.D. #534.

6-577

WB-01360, RR 92066, 6/27/19, Auburn, Wash. TST 2232.

1	Pkg. Lamp Spring for pump 6x4x6 H-4497	1/2 Doz.	1.48	1.48
	So. Tacoma			

7-660

WB-01650, Erie 107416, 7/31/19, Auburn, Wash. ST 11929.

1	Can Hd. Lt. Oil	So. Tacoma	80#	11.00	CG	1.10
1	10 Gal. Can Repd.	St. Paul	10#	11.12	CG	1.12
1	Bbl. Waste (cotton)	"	25#	11.00	CG	2.75

7-666

WB-01634, Erie 107416, 7/31/19, Auburn, Wash. ST 11936

2	Kegs 60 A Spikes	St. Paul	200#	3.92	CG	7.84
1	Pkg. Graphite	"	1#	25.00	CG	.25

14.54

Store Expense

1.45

16.99

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. J. C.

Officer against whom bill is rendered will sign here.

Officer who rendered bill

86X Small 1-9-19 5M RP

UNITED STATES RAILROAD ADMINISTRATION
DIRECTOR GENERAL OF RAILROADS
NORTHERN PACIFIC RAILROAD

STORE

Department

Order No.

Mem. No. **PAB-T #137**

191

TO

ENGINEERING

Department, Dr.

1919.

(Auburn Concrete Plant)

July 13th., For value of cement furnished by Balfour Guthrie & Company, Tacoma, Washington, as per thier invoice dated July 1st., 1919, for use at Auburn Concrete Plant as follows:

Cars GH 20738 and GRIAP 56332, 231 Bbls. each.	
462 Bbls. "OLYMPIC" cement @ 2.75 f.o.b. NP Tracks	
Bellingham	1270.50
Store Expense 1%	12.71
Amount of this bill	\$1283.21

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

(Signed) A. R. COOK

Officer who renders bill sign here.

Principal Assistant Engineer

UNITED STATES RAILROAD ADMINISTRATION
DIRECTOR GENERAL OF RAILROADS
NORTHERN PACIFIC RAILROAD

STORE

Department

Order No.

Mem. No. PAS-T-136

TO

Engineering

Department, Dr.

191 1919.

(Auburn Concrete Plant)

July 10th., For value of cement furnished by Balfour, Guthrie & Company, Tacoma, Wash., as per their invoices dated June 23rd. and 28th respectively, for use at Auburn Concrete Plant, as follows:

6/23/19. Car G. H. #122230. P.O.B. N.P.R.R. Tracks, Bellingham.		
200 Bbls. "OLYMPIC" CEMENT @ 2.75 Bbl	550.00	
1% Store Expense	5.50	555.50
6/28/19. Car St. L. #123751. P.O.B. N.P.R.R. Tracks, Bellingham.		
150 Bbls "OLYMPIC" CEMENT @ 2.75 Bbl	412.50	
1% Store Expense	4.13	416.63
Amount of this Bill		872.13

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

(Signed) A. R. COOK

Officer who renders bill sign here.

UNITED STATES RAILROAD ADMINISTRATION
DIRECTOR GENERAL OF RAILROADS
NORTHERN PACIFIC RAILROAD

STORE

Department

Order No.

Mem. No.

191

PAB-T-#130

1919

TO

544

Engineering
(Auburn Concrete Plant)

Department, Dr.

July 8th. For salary of Superintendent at Auburn Concrete
Plant during month of June 1919.

Plant Superintendent 29 $\frac{1}{2}$ /30 Mo. @ 225.00

\$219.37

Amount of this bill

\$219.37

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

(Signed) A. R. COOK:

Officer who renders bill sign here.

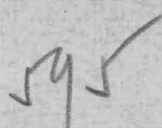
Principal Assistant Engineer

UNITED STATES RAILROAD ADMINISTRATION

DIRECTOR GENERAL OF RAILROADS

NORTHERN PACIFIC RAILROAD

STORE

Department 

Order No.

Mem. No. PAE-T-#131

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1919

July 8th. For labor furnished at Auburn Concrete Plant
during month of June 1919.

Engineer	202/200 Mo. @	137.02	138.39
Steelman	388 Hrs.	.62	242.50
Foreman	194 "	.59	115.43
Concrete Mouldrs.	818 "	.56	462.17
Pumpman	240 "	.56	135.60

Amount of this bill - - \$1094.09

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

Principal Assistant Engineer

UNITED STATES RAILROAD ADMINISTRATION
DIRECTOR GENERAL OF RAILROADS
NORTHERN PACIFIC RAILROAD

STORE

Department

Order No.

Mem. No. PAB-T-120

TO

Engineering

Department, Dr.

191 1919.

(Auburn Concrete Plant)

June 25th.. For freight charges on reinforcing wire furnished
at Auburn Concrete Plant on American Steel and Wire
Company's invoice dated 8/14/18. Amount \$2359.16 ,
per South Tacoma Store bill #1899, ALAMA #3883.

Freight

\$101.00

Amount of this bill

\$101.00

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

Principal Assistant Engineer

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No. PAE-T-124

TO

Engineering

Department, Dr.

191

1919.

(Auburn Concrete Plant)

June 25th., For material furnished at Auburn Concrete Plant
as per South Tacoma Store Bill #200, O.D. #99.

2-432

W/B 01000, H C 45346, 2/20/19, Auburn, Wash. TST 529.

6	4-egs 603 Spikes	St. Paul 600	3.68	of	22.08
1	" 20D "	" 100	3.68	of	3.68
1	" 5D Nails	" 100	3.96	of	3.96
1	" 6D "	" 100	3.96	of	3.96
1	Dz. Hack Saw Blades, 12"	" 1	.76	dz.	.76
60	Feet 1" Wrot Iron Pipe	" 150	6.08	feet.	3.65
60	" 3/4" Do	" 100	5.42	feet.	3.25
40	" 1" Do	" 80	8.01	feet.	3.20
1/2	Dz. 1" Couplings	"	3.85	ea	.23
1/2	" 2" Elbows	"	7.28	ea	.44
1/2	" 3/4" "	"	10.40	ea	.62
1/2	" 3/4" Couplings	"	7.20	ea	.43
3	1" "	"	9.87	ea	.27
3	1" Elbows	"	10.11	ea	.34
5	6" Stove Pipe Joints	" 20	.28	ea	1.40

2-357

W/B 0910, HMO 190004, 2/18/19, Auburn, Wash. TST 529.

50 Gal. Valve oil St. Paul 400 49.22 gal. 24.61

2-483

W/B 01091, HYO 253770, 2/24/19, Auburn, Wash. TST 529.

50 Gal. Eng. Oil St. Paul 400 29.22 gal. 14.61

Store Expense 87.49
Amount of this bill 8.75
506.24

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

Principal Assistant Engineer

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No. PAR-T-121

TO

Engineering

Department, Dr.

191 1919.

(Auburn Concrete Plant)

June 25th., For material furnished at Auburn Concrete Plant as per South -anna Store bill #362, O. D. # 174.

3-454

Taken, 3/19/19. Auburn, Wash. TST 986.

1.	1½" Hancock Injector	St. Paul, 50¢	36.75 ea	36.75
2.	¾" Globe Valves, new,	" 5¢	1.76 "	3.52
3.	½" " " "	" 5¢	.71 "	2.13

3-485.

W/B 099, F & L R 30331, 3/21/19, Auburn, Wash. TST 975.

6	Sheets 22 gauge black iron 28"x8' long (30x96)	St. Paul 168¢	6.18 cf	10.38
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3-701

W/B 01249, H & O 6692, Auburn, Wash. 3/28/19, TST 975.

1	Bundle Cotton Waste,	St. Paul 25¢	12.25 cf	3.06
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3-601

W/B 01264, Grand Trunk 63760, Auburn, Wash. 2/28/19, TST 529.

15	Pcs. 3x4x16 Sgh, 160'	Centralia 528¢	21.00 M	<u>3.36</u>
----	-----------------------	----------------	---------	-------------

59.20

Store Expense

5.92

Amount of this bill

\$65.12

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

Principal Assistant Engineer

UNITED STATES RAILROAD ADMINISTRATION
DIRECTOR GENERAL OF RAILROADS
NORTHERN PACIFIC RAILROAD

STORE

Department

Order No.

Mem. No. PAR-T-1119

TO

Engineering

Department, Dr.

191

1919.

(Auburn Concrete Plant)

June 25th., For reinforcing rods furnished at Auburn
Concrete Plant, as per South Tacoma Store bill
#503, O.D. #319.

3000#	3/4" Reinforcing Steel Rods	@ 3.70 C#	111.00
	Store Expense		11.10
			<u>122.10</u>
	Amount of this bill		\$122.10

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

Principal Assistant Engineer

UNITED STATES RAILROAD ADMINISTRATION
DIRECTOR GENERAL OF RAILROADS
NORTHERN PACIFIC RAILROAD

STORE

Department

Order No.

Mem. No. PAR-T-118

TO

Engineering

Department, Dr.

191 1919.

(Auburn Concrete Plant)

June 25th., For reinforcing rods furnished at Auburn
Concrete Plant, as per Glendive Store bill
#61, O.D. #308.

180 Pcs. 1 1/8" rd iron 15'4")	28779#	@ .30 CWT	863.10
290 " do 17'10")			

Store Expense

51.78

Amount of this bill

\$914.88

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

(Signed) A. R. COOK

Officer who renders bill sign here.

Principal Assistant Engineer

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No. PAS-T-# 123

TO

ENGINEERING

Department, Dr.

191

1919.

(Auburn Concrete Plant)

June 25th., For material furnished at Auburn Concrete Plant as per South Tacoma Store bill #502, O.D. #328.

4-276

W/B 0615, P & H 8579, 4/12/19, Auburn, Wash. TST 1261.

10, Gals. Kerosene	St. Paul 80¢	10.00 CG	1.00
1, New 10 Gal. Can		25.92 doz	2.16

4-192

W/B 0466, CS&P 4513 4/8/19, Auburn, Wash. TST 1067.

200' 3/4" Hemp Rope	St. Paul 32¢	26.68 CG	8.54
3 1/2, 1/16" Rainbow Packing	" 3 1/2	26.48 CG	.93
1/2, Dz. Edwards 8-lever padlocks	" 2 1/2	4.75 DZ	2.38
12, Lts. 12"x16" Window Glass	" 30¢	.08 1/2 ea	1.02
1, Dz. Water Glass Gaskets	"	.35 G	.04

4-139

W/B 0467, H.H. 88922, 4/5/19, Auburn, Wash. TST 1084.

100 Gals. Car Oil	St. Paul 800¢	19.32 CG	19.22
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4-116

W/B 0436, B&H 67126 4/4/19, Auburn, Wash. TST 984.

3 Bamboo Brooms	St. Paul 7¢	6.91 DZ.	1.73
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2-460

W/B 01030, B&H 36214, 2/21/18, Auburn, Wash. TST 527.

20 Pcs. 1x12x16 S13	K 1366, 800' Centralia 900¢	21.44 H	17.15
15 " 2x12x16 "			54.17
Store Expense			5.42
Amount of this bill			\$59.59

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

Principal Assistant Engineer

UNITED STATES RAILROAD ADMINISTRATION
DIRECTOR GENERAL OF RAILROADS
NORTHERN PACIFIC RAILROAD

Department

Order No.

Mem. No. PAS-T #122

TO

Engineering

Department, Dr.

191

1919.

(Auburn Concrete Plant)

June 25th., For foreign line freight charges on Cement
shipped via Great Northern Railroad from Concrete
Washington, to *Seattle* Washington for use at Auburn
Concrete Plant per General Storekeeper's bill
#313, O. D. #356.

Freight on 940 Sacks Cement	87780	¢	.07	61.45
" " 692 "	68740	¢	.07	<u>46.02</u>

Amount of this bill

\$107.47

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

(Signed) A. R. COOK.

Officer who renders bill sign here.

Principal Assistant Engineer

UNITED STATES RAILROAD ADMINISTRATION
DIRECTOR GENERAL OF RAILROADS
NORTHERN PACIFIC RAILROAD

DETAIL OF CHARGES TO AUTHORITIES FOR EXPENDITURES

Originators Memo No. 280 Month of May 1919. A. C. E. Auburn Concrete Plant

Distribution of A.C.E. Transfer Ent Actually Expended December 1918.
Month Main Line in

Shop or Division Seattle Location of work Washington
(Operating Division)

Correct Officer Originating charge. Valuation Sec. No. 2 Dept. Handling Work Engineering
Sig., Telegraph, Optg., Mech., or Eng'g.

Accepted (Signed) A. R. COOK Town and State Thorp, Near Washington Division Folio 65
Chief Engineer.

Brief Description of Work Thorp, Near : Replace Bridge 6-1.
(Show exact title as indicated on Form 1245.)

Account No. (1)	Quantity or Time (2)	DESCRIPTION (3)	Weight for Freight Charges (4)	Price (5)	Unit (6)	Amount (7)	Additions and Betterments (8)	Operating Expenses (9)	Misc. Accounts (10)
		For value of reinforcing rods shipped to Auburn concrete Plant December 5th. 1918 in Big Four car #38115. Originally charged on AS&MA bill #474 retired by E M W T Voucher #331 dated April 17th., 1918.							
6-C		<u>Bridges, Trestles and Culverts -</u> <u>Masonry and Concrete Structures.</u>							
		Reinforcing rods.							
	7	Pieces Sq. $\frac{1}{4}$ "x35'	468#	3.70	c#	17.32			
	3	" " $\frac{1}{4}$ "x35'	70#	3.80	c#	2.66	19.98		
		CHARGE: Material & Supplies, Auburn Concrete Plant Operation Account				19.98			
		Transfer to be made in office Auditor Capital Expenditures.							
TOTAL,							19.98		

CHARGES FOR TRANSPORTATION OVER OUR LINES

Account No. (11)	COMMODITY (12)	Origin (13)	Weight Lbs. (14)	Miles Hauled (15)	Ton Miles (16)	Rate Per Ton Mile (17)	Amount (18)	TOTAL FREIGHT (Calculated on A & B Portion only.) (19)
TOTAL TRANSPORTATION CHARGES								
TOTAL ALL CHARGES								

(SEE INSTRUCTIONS ON BACK)

NOTE:—Separate Blank must be used for each A. F. E.

Brief history of all transactions excepting current actual expenditures should be stated on reverse side of this form under "REMARKS".

INSTRUCTIONS.

This form is to be used in every instance of work done under an AFE chargeable to Capital Expenditures Suspense as indicated on advice form 1345.

If the details cannot be typed on one sheet, form 1923 may be used, form 1924 carrying the totals and freight charges as the top or last sheet.

This form must be prepared neatly on typewriter, credits being shown in red.

(a) "Originators memo. No." This space is to be used for the originators consecutive numbers, regardless of the AFE affected. The series should commence with No. 1 at the beginning of each calendar year.

(b) "Distribution of." This item must always be one of five things—"Labor Summary"—(to be used by all originators having current labor charges to the job); "Material Summary"—(to be used by Storekeepers only); "Payable Vouchers"—(to be used by any originator recording direct invoices, expense accounts, etc.); "ACE Transfer Entry"—(to be used by originators having transactions adjusting or correcting previous months' entries not involving a current expenditure); "C/D Bill Clearance"—(to be used by Engineering Department in clearing items originally charged and still being carried in Construction Department Bills).

(c) "Shop or Division." In this space the Originator should indicate his location.

(d) "Correct." The officer originating the charge should sign on this line.

(e) "Accepted." In this space should appear the signature of the officer in charge of the work, indicating his acceptance of the charge or credit.

(f) "Brief description of work." Follow the exact title of the job as indicated on advice form 1345.

(g) "Month of." In this space show the month the item is to go into account.

(h) "Month actually expended." In this space show the month in which the labor was actually performed or the material was actually issued or taken into stock.

(i) "Location of work." Insert in this space the operating Division on which the improvement work is being done.

(j) "Valuation Sec. No." This should indicate Valuation section number as shown on advice form 1345.

(k) "Town and State." Insert here the actual or approximate location of the improvement work.

(l) "A. C. E." Leave this space blank.

(m) "A. F. E. 19...." In case the expenditure has not been authorized, show the RFA number, crossing out the letters "AFE" and inserting "RFA".

(n) "Department handling work." Insert the name of the Department having jurisdiction over the work.

(o) "Division folio." The officer in charge of the work should insert in this space his consecutive sheet number, each AFE carrying an individual series of numbers.

Column 1. Insert the Road and Equipment or the Operating Expense account number according to whether the amount of expenditure is to be recorded in column 8 or 9.

Column 2. Indicate the quantity of material or number of hours of labor, etc.

Column 3. Show under "Description" the name of the primary account, and as a caption the name of the structure; thereunder the kind of labor or material and the percentage for Superintendence and Store Expense (on items chargeable to Addition and Betterments) for each primary account affected.

Column 4. The weights inserted in this column can be combined to carry to column 14. Indicate the actual weight when the price is based thereon and the shipping weight, otherwise.

Column 6. In this column show unit under which the material is handled such as "ea" (each) "C." (one hundred) "Cwt" (one hundred weight) "lbs" (pounds) etc.

Column 7. Record herein the extensions of previous columns.

Columns 8, 9 and 10. Carry the total items listed in column 7 for each account number to Column 8, 9 or 10 as may be appropriate.

ILLUSTRATION

1	2	3	4	5	6	7	8	9
6D		Bridges Trestles and Culverts						
		Culvert at M. P. 150-2000						
	100	Hours B & B gang. No. 68				58.00		
		Superintendence 10%				5.80		
	20	Sacks cement	2000	1.00	ea.	20.00		
		Store exp. 6%				1.00	85.00	
208		Bridges Trestles and Culverts						
		Removing old structures						
	50	Hours B&B gang No. 68				29.00		29.00

Column 11. Insert the R. & E. account number.

Column 12. Items of material shown in column 3 chargeable to the same R. & E. account having a common point of origin may be grouped under one General classification as "track material", "hardware", "mill work", "pipe fittings", etc.

Column 13. Indicate point of origin on our line, not the location of store unless manufactured at that point. (See paragraph 16 of Supplement 5 to original instructions.)

Column 14. Post from combination of items shown in column 4.

Column 15. Number of miles from origin shown in column 13 to location of work.

Column 16. The computation of weight shown in column 14 (reduced to tons) times the miles shown in column 15.

Column 17. The rate will, in every instance be six and one-half mills per ton mile.

Column 18. Carry to this column the extensions resulting from the computation of items in previous columns, or the minimum charges provided in circular of instructions.

Column 19. Carry to this column the total of items in column 18 for each Road and Equipment account.

"Total all charges". Show opposite this item the grand total of columns 8, 9, 10 and 19.

REMARKS:

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No. PAE-T-#102

TO

Engineering

Department, Dr.

191
1919

(Auburn Concrete Plant)

May 20th., For value of reinforcing rods shipped to to Auburn
Concrete Plant from Bridge 6-1 near Thorp on December
5th., 1918 in Big Four Car 38115.

7 Pieces Square	$\frac{3}{4}$ "x35'	Reinforcing Rods	468# @ 3.70	17.32
3 " "	$\frac{1}{2}$ "x35'	" "	70# @ 3.80	<u>2.66</u>

Amount of this bill

\$19.98

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.



Officer who renders bill sign here.

Principal Assistant Engineer. *hok*

STORE

PAE-T-102

1919

Engineering

(Auburn Concrete Plant)

May 20th., For value of reinforcing rods shipped to Auburn
Concrete Plant from Bridge 6-1 near Thorp on December
5th., 1918 in Big Four Car 38115.

7 Pieces Square	$\frac{3}{4}$ "x35' Reinforcing Rods	468# @ 3.70	17.32
3 " "	$\frac{1}{2}$ "x35' " "	70# @ 3.80	<u>2.66</u>

Amount of this bill

\$19.98

(Signed) A. R. COOK

Master Engineer

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No. PAH-T-102

TO

Engineering

Department, Dr.

1919

(Auburn Concrete Plant)

May 20th., For value of reinforcing rods shipped to Auburn Concrete Plant from Bridge 6-1 near Thorp on December 5th., 1918 in Big Four Car 38115.

7 Pieces Square	$\frac{3}{4}$ "x35'	Reinforcing Rods	468# @ 3.70	17.32
3 " "	$\frac{1}{2}$ "x35'	" "	70# @ 3.80	<u>2.66</u>

Amount of this bill

\$19.98

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

Principal Assistant Engineer.

NORTHERN PACIFIC RAILWAY COMPANY

STOCK

Department

Order No.

Mem. No. PAS-T-1102

TO

Engineering

Department, Dr.

191
1919

(Auburn Concrete Plant)

May 20th., For value of reinforcing rods shipped to Auburn
Concrete Plant from Bridge 6-1 near Thorp on December
5th., 1918 in Big Four Car 38115.

7 Pieces Square	$\frac{1}{2}$ "x35' Reinforcing Rods	468# @ 3.70	17.32
3 " "	$\frac{1}{2}$ "x35' " "	70# @ 3.80	<u>2.66</u>

Amount of this bill

\$19.98

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

Principal Assistant Engineer.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

PAR-T-102

TO

Engineering

Department, Dr.

191
1919

(Auburn Concrete Plant)

May 20th. For value of reinforcing rods shipped to Auburn Concrete Plant from Bridge 6-1 near Thorp on December 5th., 1918 in Big Four Car 38115.

7 Pieces Square	$\frac{1}{2}$ "x35'	Reinforcing Rods	468# @ 3.70	17.32
3 " "	$\frac{1}{2}$ "x35'	" "	70# @ 3.80	<u>2.66</u>

Amount of this bill

\$19.98

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

Principal Assistant Engineer.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No. PAE-T-102

TO

Engineering

Department, Dr.

191
1919

(Auburn Concrete Plant)

May 20th., For value of reinforcing rods shipped to Auburn
Concrete Plant from Bridge 6-1 near Thorp on December
5th., 1918 in Big Four Car 38115.

7 Pieces Square	$\frac{3}{4}$ "x35'	Reinforcing Rods	458# @ 3.70	17.32
3 " " "	$\frac{1}{4}$ "x35'	" "	70# @ 3.80	<u>2.66</u>

Amount of this bill

\$19.98

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No. PAE-T-1116

TO

ENGINEERING

Department, Dr.

191

1919.

(Auburn Concrete Plant)

June 19th., For value of reinforcing bars furnished at Auburn Concrete Plant as per Corrugated Bar Company of Buffalo, New York. Invoice dated April 26th., 1919.

3/4" Corrugated Square Bars.

100	45'6"
50	31'0"
50	30'0"
340	16'6"
760	15'6"
380	13'6"
100	6'6"

3/4" Corrugated Round Bars.

100	35'0"
40	36'0"

1/2" Corrugated Round Bars.

525	35'0"
340	31'0"
350	15'6"
125	17'6"
400	6'9"

3/8" Corrugated Round Bars.

563	56'0"
1437	56'0"

Base D	48480	@	2.425	1175.64
Base C	18722	@	2.425	454.01
1/2"	23845	@	2.525	602.09
3/8"	42560	@	2.675	1138.48
				<u>3370.22</u>

Plus Freight Pittsburg Pa. to Auburn Wash. @ 1.25 1670.09

Less Freight Steelton Minn. to " " @ .94 5040.31

Plus 1% Amount of this bill 37.84

Price:
 \$2.425 Pittsburg
 1.25 Freight
 \$3.675 Base, Auburn, Washington.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No. PAS-7 #112

191

1919

TO

(Auburn Concrete Plant)

Department, Dr.

June 11th., For value of bar of steel furnished Auburn Concrete Plant as per Illinois Steel Company's Invoice dated April 10th., 1919.

1600 Bars 1" Soft 30' 8000/ @	3.345	367.80
Less Freight to St. Paul 8000/ @	2.25	16.00
		<u>249.80</u>
Plus 10% Purchasing Expense		24.98
Amount of this bill		<u>274.78</u>

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

UNITED STATES RAILROAD ADMINISTRATION
DIRECTOR GENERAL OF RAILROADS
NORTHERN PACIFIC RAILROAD

STOR E

Department

Order No.

Mem. No. PAR-T-108

191 1919

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

June 9th. For salary of Superintendent at Auburn Concrete
Plant during month of May 1919.

Plant Superintendent 1 Mo. @ 225.00

\$225.00

Amount of this bill

\$225.00

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

(Signed) A. R. COOK.

Officer who renders bill sign here.

Principal Assistant Engineer.

UNITED STATES RAILROAD ADMINISTRATION
DIRECTOR GENERAL OF RAILROADS
NORTHERN PACIFIC RAILROAD

STORE

Department

Order No.

Mem. No. PAE-T-107

TO

Engineering

Department, Dr.

191 1919

S.D. No. 521 (Auburn Concrete Plant)

June 9th. For labor furnished at Auburn Concrete Plant
during month of May 1919.

Engineer	158/208	No. @	137.02	194.08
Steelmen	368	Hrs.	.624	230.00
Formmen	174	"	.594	103.53
Concrete Boulders	886	"	.564	500.59
Pumpmen	248	"	.564	140.12

Amount of this bill - - - \$1078.32

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

UNITED STATES RAILROAD ADMINISTRATION
DIRECTOR GENERAL OF RAILROADS
NORTHERN PACIFIC RAILROAD

STORE

Department

Order No.

Mem. No.

191

PAR-T- 106.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1919.

B.D. No.

511

May 31st. For team work performed during the month of May, 1919,
by J.W. Meade, Auburn, as per his bill dated May 31,
1919, while hauling material and grading in connection
with concrete plant.

May 7th, Team 1 day - grading	10.00
" 8th, " 1 " "	10.00
" 14th, Hauling reinforcing rods from freight house	<u>2.00</u>

Amount of this Bill \$22.00

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

Principal Assistant Engineer.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No. PAR-T 98

TO

Engineering

Department, Dr.

191

B.D. No.

469

(Auburn Concrete Plant)

1919.

May 9th.,

For cement furnished at Auburn Concrete Plant as per
Superior Portland Cement Co's Invoices dated April 30th.,
amount \$13.07 and April 30th., amount \$459.14. as follows:

231 Bb 1s.	Superior Portland Cement @ \$2.97 F.O.B. Auburn	686.07	
	Less Freight Concrete to Auburn	61.45	
		<u>624.62</u>	
	Discount	11.55	613.07
173 Bbls.	Superior Portland Cement @ \$2.97 F.O.B. Auburn	513.81	
	Less freight Concrete to Auburn	46.03	
		<u>467.78</u>	
	Discount	8.65	459.14

Amount of this bill

61072.21

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORR

Department

Order No.

Mem. No.

PAB-T-997

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191 1919

E.D. No.

465

May. 8th, For salary paid Superintendent at Auburn
Concrete Plant during month of April 1919.

Plant Superintendent	1 Month @	225.00	No.	<u>225.00</u>
----------------------	-----------	--------	-----	---------------

Amount of this bill	<u>\$225.00</u>
---------------------	-----------------

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

(SIGNED) A. E. COOK

Officer who renders bill sign here.
Principal Assistant Engineer.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No. PAR-T-195

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191 1919

May 8th, For labor furnished at Auburn Concrete Plant
during month of April 1919.

Engineer	1-1/26 Mo.	@	137.02	Mo.	142.29
Steelmen	408 Hours		.62 1/2	Hr.	255.00
Form-man	192 "		.59 1/2	"	114.24
Conc. Boulders	1000 "		.56 1/2	"	565.00

Amount of this bill \$1076.53

1502

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

Principal Assistant Engineer.

NORTHERN PACIFIC RAILWAY COMPANY

STORY

Department

Order No.

Mem. No. 242-Y-989

TO

Engineering

Department, Dr.

191

1919.

Jrk (Auburn Concrete Plant)

April 25th., For labor furnished Auburn Concrete Plant at Auburn
Washington during month of January 1919, as per
A.D. bill #18644

Young B&B - Tacoma

Load concrete slab at concrete plant.

Foreman	2/6 da.	@	135.00	1.09	
Engr.	2/8 "	@	113.40	.91	
Carp.	10 hr.	@	.555	5.55	
				7.55	
Superintendence				.75	68.30

1.467

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No. PAS-1-781

191

TO

Engineering

Department, Dr.

(Auburn Concrete Plant)

April 15th, For material furnished at Auburn Concrete Plant
as per Maendler Bros. Invoice dated Feb. 27th 1919,
Bunt & Mottet Co's Invoice dated March 3rd, 1919,
and Chas. Alaska Lumber Co's Invoice dated Mar. 15th,
1919 as below:

1 Dozen 2" Accelerator White Wash Brushes @	12.75	Doz. Less 25%	9.56
1 4" Hercules G. B. Rd. Axle @	22.50	"	1.66
4x4 1 Cam Right			
191/16; 75/16; 104/20; 45/32; 87/24 12704'	\$18.00	Less 3%	224.10
Amount of this bill			\$ 232.33

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

UNITED STATES RAILROAD ADMINISTRATION

Director General of Railroads

Form 286X Small 5-3-17, 5M RP

NORTHERN PACIFIC RAILROAD

NORTHERN PACIFIC RAILWAY COMPANY

S T O R E

Department

Order No.

Mem. No. PAR-T-#56.

TO

Engineering

Department, Dr.

(Auburn Concrete Plant)

191

1919.

R.D. No.

311

March 12th, For drayage performed during the month of February, 1919, by J.W.Meade, Auburn, as per his bill dated February 27, 1919, while hauling material from freight house to concrete plant.

Hauling oil and spikes

2.00

Amount of this Bill

\$2.00

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Principal Assistant Engineer.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

UNITED STATES RAILROAD ADMINISTRATION
DIRECTOR GENERAL OF RAILROADS
NORTHERN PACIFIC RAILROAD

Department

STORE

Order No.

Mem. No.

TO

Department, Dr.

191

PAB-T - 772

376

ENGINEERING

(Auburn Concrete Plant)

1919

April 7th For labor furnished at Auburn Concrete Plant
during March 1919.

Plant Supt. 16 Days @ 225.00

116.13

Amount of this Bill

- - \$116.13

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK,

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

Principal Assistant Engineer.

UNITED STATES RAILROAD ADMINISTRATION
W. G. McADOO, Director General of Railroads
NORTHERN PACIFIC RAILROAD

11, 1918 297

STORE

Engineering
(Auburn Concrete Plant)

1919.

Jan. 30th, For value of iron furnished in September, 1918, for use at Auburn Concrete Plant, by Great Northern Railway Co., St. Paul, Minn., as per its bill No. 10-S-295, A.D. 146/747, dated November 9, 1918, as follows:

Sept. 28th, 1918, Car GN 16370:

145 bars 1-1/8" round iron 39'8" long 19441#

90 " " " " 30'8" " 9329#

200 " " " " 28'10" " 19491#

480 " " " " 24'4" " 39478#

87739# @ 3.00 cwt. 2632.17

Amount of this Bill \$2632.17

(Signed) A. R. COOK.

Principal Assistant Engineer.

Vo. 914

UNITED STATES RAILROAD ADMINISTRATION
W. G. McADOO, Director General of Railroads
NORTHERN PACIFIC RAILROAD

E. D. No.

198

STORE

PAB-T- #9.

Engineering
(Auburn Concrete Plant)

1919.

Jan. 24th, For value of material furnished for use at Auburn
Concrete Plant, Auburn, Wash.

Come Store Dept. AS&MA bill #3489.

Inv. 99258 - C-5256:

100 lbs. 4 pes. Kahn curb bars	@ 2.50 C#	2.50	
Store Expenses 3%		.08	2.58

Seattle Store Dept. bill #547, AS&MA #3541:

Boilermaker	5 hrs. @ 68-1/2 c#		3.42
-------------	--------------------	--	------

So. Tacoma Store Dept. bill #1691, AS&MA #3550:

Invoice 3-630

W.B. 01098, NP 28196, 3/18/18, Auburn, TST 865.

4 kegs 60d. spikes	St. Paul	400#	@ 3.37 C#	13.48	
1 " 6d. nails	"	100#	@ 3.57 "	3.57	
1 " 8d. "	"	100#	@ 3.46 "	3.46	
					20.51
			Store Expense	2.05	22.56

Amount of this Bill \$28.56

(Signed) A. R. COOK.

Principal Assistant Eng

UNITED STATES RAILROAD ADMINISTRATION
W. G. McADOO, Director General of Railroads
NORTHERN PACIFIC RAILROAD

A. D. No. 514

Engineering Department,

PAE-T-#29

TRANSFER VOUCHER

1919

Jan. 16th, For value of concrete pipe shipped from Auburn
Concrete Plant to various points during January
1919, as per the following bills:

<u>PAE-T-NO.</u>	<u>SHIPPED TO</u>	<u>DESTINATION</u>	<u>AMOUNT</u>
A. D. No. 195 5	A. Herider	Eagle Gorge, Wash.	30.72
A. D. No. 196 6	C. Simensen	Thrall, "	135.00
Amount of this voucher			\$165.72 *****

CREDIT:

Material and Supplies,
Auburn Concrete Plant,
Operation Account

\$165.72

CHARGE:

Material and Supplies

\$165.72

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

STORE

Mem. No.

PAB-T-5

TO

Department, Dr.

191

E. D. No.

195

Engineering
(Auburn Concrete Plant)

January 16th - For 1 pc. 48" concrete pipe shipped January 13th, 1919
to A. Herider at Eagle Gorge, Washington in Car UP
453853 to apply on requisition #800, Order ST #11618.

January 13th-1919 - 1 piece 48" concrete pipe 8 ft. @ 3.84 -- \$30.72
Amount of this Bill -- \$30.72

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weight so freight charges can be added as
called for in contract.

FREIGHT ON RAW MATERIAL:

1000# cement from Bellingham	7¢
232# reinforcing rods from St. Paul	84¢

WEIGHT OF FINISHED PRODUCT:

5630# concrete pipe from Auburn to Eagle Gorge.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

(Signed) A. R. COOK

Officer who renders bill sign here.

Principal Assistant Engineer

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No. P. A. E. - T. - # 6

TO

Department, Dr.

191

E. D. No.

196

Engineering
(Auburn Concrete Plant)

January 16th, 1919 - For 1 single track concrete slab shipped to
C. Simensen at Thrall for use at Bridge #123-3
to apply on requisition JS #671, ST #9544,
shipped January 14th, 1919 in Car NP #67241.

January 14th-1919 -- 1 single track slab @ 135.00

\$135.00

Amount of this Bill

\$135.00

If material chargeable to Additions
and Betterments add freight charges
on raw material at 70% of tariff as
below.

If chargeable against outside com-
panies add freight at tariff rate as
below.

If chargeable to joint operating ac-
counts do not include freight in the
bill, but where reporting for joint
account, show weight so freight charges
can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

5000# cement from Bellingham
1105# reinforcing rods from St. Paul

7¢ cwt.
84¢ "

FREIGHT ON FINISHED PRODUCT:

33300# from Auburn to Thrall.

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

Principal Assistant Engineer.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

149

Order No.

PAE-T-

614

Mem. No.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918.

December 3 - For 3 pos. 24" concrete pipe shipped August 17th, 1918,
to JECraver at Bristol, Wn., in Car GN #63806 for use at
culvert MP 18+8617 to apply on Reqn. JEC #343, ST #3828.

1918-

August 17 - 3 pos. 24" concrete pipe 24 ft. @ 1.60

\$ 38.40

Amount of this Bill -

\$ 38.40

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account, show
weights so freight charges can be added
as called for in contract.

FREIGHT ON RAW MATERIAL:

1850# cement from Bellingham
135# mesh reinforcing from St. Paul
72# reinforcing rods from St. Paul

@ 7¢ cwt.
@ 94¢ "
@ 94¢ "

FREIGHT ON FINISHED PRODUCT:

9785# concrete pipe from Auburn to Bristol.

Bills 149
to 189 inc
on Voucher
481

2/4/19

I certify that the above account is correct:

Bill as rendered, correct;

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

150

Mem. No.

PAE-T- 6 15

TO

Department, Dr.

191

ENGINEERING
(Auburn Concrete Plant)

November 29 - For 6 pcs. concrete pipe shipped August 27th, 1918,
to J. E. Craver at Ronald, Wn., on Car NP 68607, for
use at NP 6+1212 to apply on Requisition JEC #278,
ST #4137.

1918-

August 27th - 6 pcs. 24" concrete pipe 48 ft. @ 1.30

\$ 76.80

Amount of this Bill - -

\$ 76.80

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

FREIGHT ON RAW MATERIAL:

3300# cement from Bellingham	@ 7¢ cwt.
270# mesh reinforcing from St. Paul	94¢ "
144# reinforcing rods from St. Paul	94¢ "

FREIGHT ON FINISHED PRODUCT:

19530# concrete pipe from Auburn to Ronald.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

191

PAE-T- 616

TO

151

Engineering

Department, Dr.

1918.

(Auburn Concrete Plant)

December 5th - For 7 pcs. 24" concrete pipe shipped August 17th, 1918, to JFCraver at Wickersham, Washington in Car NP 69227, for use at culvert MP 97+1340 to apply on requisition JEC #256, ST #3836.

1918-

August 17th - 7 pcs. 24" concrete pipe 56 ft. @ 1.60

\$ 89.60

Amount of this Bill

\$ 89.60

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account, show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

3850# cement from Bellingham
315# mesh reinforcing from St. Paul
168# reinforcing rods from St. Paul

@ 7¢ cwt.
@ 94¢ "
@ 94¢ "

FREIGHT ON FINISHED PRODUCT:

33785# concrete pipe from Auburn to Wickersham.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No. AR-T-

191

1918.

TO

152

Engineering
(Auburn Concrete Plant)

Department, Dr.

December 5th - For 5 pcs. 24" concrete pipe shipped August 17th, 1918,
to J. E. Craver at Clear Lake, Washington in Car NP
#69227 for use at culvert MP 84+3871 to apply on reqn.
JEC #353, ST #3834.

1918-

August 17th - 5 pcs. 24" concrete pipe 40 ft. @ 1.60

\$ 64.00

Amount of this Bill -

\$ 64.00

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account, show
weights so freight charges can be added as
called for in contract.

FREIGHT ON RAW MATERIAL:

2750# cement from Bellingham

@ 7¢ cwt.

235# mesh reinforcing from St. Paul

@ 94¢ "

120# reinforcing rods from St. Paul

@ 94¢ "

FREIGHT ON FINISHED PRODUCT:

16275# concrete pipe from Auburn to Clear Lake.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

153

Order No.

Mem. No.

191

PAE-T-

TO

1918.

Engineering
(Auburn Concrete Plant)

Department, Dr.

December 5th - For 4 pcs. 24" concrete pipe shipped August 17th, 1918, to JECraver at Deming, Wn., in Car AGS #4801 for use at Culvert MP 108- to apply on requisition JEC #354-ST #3835.

1918-

August 17th - 4 pcs. 24" concrete pipe 32 ft. @ 1.60

\$ 51.20

Amount of this Bill

\$ 51.20

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account, show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

2200# cement from Bellingham
180# mesh reinforcing from St. Paul
90# reinforcing rods from St. Paul

@ 7¢ cwt.
@ 94¢ "
@ 94¢ "

FREIGHT ON MANUFACTURED PRODUCT:

13020# concrete pipe from Auburn to Deming.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORM Department

Order No.

Mem. No.

TO

ENGINEERING
(Auburn Concrete Plant)

Department, Dr.

191

PAR - T

6/9

8

154

Dec. 4th - For 4 pcs 24" Concrete pipe shipped Aug. 17th, 1918 to J B Craver at Woodinville, Washington, on Car Rutland #2463 for use at culvert MP 24 3960 to apply on requisition JBC #257 ST #3837.

1918

Aug. 17th

4 pcs 24" concrete pipe 32 ft. @ 1.60

\$ 51.20

Amount of this bill - - - - - \$ 51.20

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account, show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL

2200 #cement from Bellingham @
180 #mesh reinforcing St. Paul
96 #reinforcing rods St. Paul

7¢ cwt
94¢ cwt
94¢ cwt

FREIGHT ON FINISHED PRODUCT

13020 #Concrete pipe from Auburn to Woodinville.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE Department

Order No.

Mem. No. PAE - T 620

TO

ENGINEERING
(Auburn Concrete Plant)

Department, Dr.

191

155

Dec. 3 For 3 pcs 24" concrete pipe shipped Aug. 17-1918 to J. E. Craver at Woodinville on Car NYC #31897 for use at culvert NP 4: 5000 to apply on requisition JEC #263 ST #3843.

1918

Sept. 17th 3 pcs Concrete pipe 24 ft. @ 1.60

\$38.40

Amount of this bill

\$ 38.40

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account, show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL

1650 # cement from Bellingham	@	7¢ cwt.
135 # mesh reinforcing from St. Paul	@	94¢ cwt.
72 # reinforcing rods from St. Paul	@	94¢ cwt.

FREIGHT ON FINISHED PRODUCT

9765 # Concrete pipe from Auburn to Woodinville.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

PAE-T- 621

TO

Engineering

Department, Dr.

191

(Auburn Concrete Plant)

1918.

136

December 3 - For 3 pcs. 34" concrete pipe shipped August 17th, 1918, to J.F. Craver at Woodinville, Washington, in Car Rutland #2403 for use at culvert MP 4+360 to apply on requisition JEC #261, ST #3841.

1918-

August 17th - 3 pcs. 34" concrete pipe 34 ft. @ 1.60

\$ 38.40

Amount of this Bill

\$ 38.40

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account, show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

1650# cement from Bellingham	@	7¢ cwt.
135# mesh reinforcing St. Paul	@	94¢ "
73# reinforcing rods from St. Paul	@	94¢ "

FREIGHT ON FINISHED PRODUCT:

9765# concrete pipe from Auburn to Woodinville

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

191

PAS - T 622

TO

ENGINEERING
(Auburn Concrete Plant)

Department, Dr.

1918

157

Dec. 3 - For 3 pcs 24" Concrete pipe shipped Aug. 17, 1918, to J. E. Craver at Woodinville on Car NYC 31897 for use at culvert MP 44 2220 to apply on Requisition JEC 262 ST 3842.

1918

Sept. 17th - 3 pcs. Concrete pipe 24 ft. @ 1.60

\$38.40

Amount of this Bill

\$38.40

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account, show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

1650 # cement from Bellingham	@	7¢ cwt.
135 # mesh reinforcing from St. Paul	@	94¢ "
72 # reinforcing rods from St. Paul	@	94¢ "

FREIGHT ON FINISHED PRODUCT:

9765 # Concrete pipe from Auburn to Woodinville.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE Department

Order No.

158

Mem. No.

TO

ENGINEERING
(Auburn Concrete Plant)

Department, Dr.

191

PAE - T 627

Dec. 4 - For 3 pcs 24" concrete pipe shipped Aug. 17, 1918, to
J. E. Craver at Lake Washington in Car NYC #31897 for
use at culvert MP 134 4122 to apply on requisition JEC
#246 ST #3829.

1918

Aug. 17th - 3 pcs 24" concrete pipe 24 ft. @ 1.60

\$38.40

Amount of this bill.

\$38.40

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account, show
weights so freight charges can be added as
called for in contract.

FREIGHT ON RAW MATERIAL

1650 #Cement from Bellingham	@	7¢	cwt
135 #mesh reinforcing from St. Paul	@	94¢	"
72 # reinforcing rods from St. Paul	@	94¢	"

FREIGHT ON FINISHED PRODUCT

9765 # Concrete pipe from Auburn to Woodinville.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here._____
Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

191

PAE - T

624

TO

ENGINEERING

(Auburn Concrete Plant)

Department, Dr:

159

Dec. 4th For 3 pcs 24" concrete pipe shipped August 17th, 1918 to J R Craver at Getchell, Washington, on Car AGS #4801 for use at Culvert MP 51+5265 to apply on requisition #250 ST #3832.

1918

Aug. 17th - 3 pcs 24" concrete pipe 24 ft @ 1.60

\$38.40

Amount of this bill - - - --\$38.40

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account, show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL

1650 #cement from Bellingham

135 #mesh reinforcing from St. Paul

72# reinforcing rods from St. Paul

@ 7¢ cwt

@ 94¢ cwt

@ 94¢ cwt.

FREIGHT ON MANUFACTURED PRODUCT

9765 # Concrete pipe from Auburn to Getchell.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

191

PAE - T 625

TO

ENGINEERING
(Auburn Concrete Plant)

Department, Dr.

160

Dec. 4th - For 4 pcs 24" Concrete Pipe shipped August 17th, 1918 to J. E. Craver at Gatchell, Washington on Car AGS #4801 for use at culvert MP 49+3225 to apply on requisition JEC #249 ST #3831.

1918

August 17th - 4 pcs 24" concrete pipe 32 ft. @ 1.60

\$ 51.20

Amount of this bill - - - -

\$ 51.20

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account, show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL

2200 #cement from Bellingham	@	7¢ cwt.
180 #mesh reinforcing from St. Paul	@	94¢ cwt.
96 #reinforcing rods from St. Paul	@	94¢ cwt.

FREIGHT ON MANUFACTURED PRODUCT

13020 # concrete pipe from Auburn to Gatchell

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918.

161

December 3 - For 4 pcs. 34" concrete pipe shipped August 17th-1918,
to JECraver at Bristol, Wn., in car GN #63806 for use
at culvert MP 18+358 to apply on requisition #JEC #341,
ST #3825.

1918-

August 17th - 4 pcs. 34" concrete pipe 33 ft. @ 1.60

\$ 61.20

\$ 61.20

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account, show
weights so freight charges can be added as
called for in contract.

FREIGHT ON RAW MATERIAL:

2200# cement from Bellingham
180# mesh reinforcing from St. Paul
96# reinforcing rods from St. Paul

@ 7¢ cwt.
@ 94¢ "
@ 94¢ "

FREIGHT ON FINISHED PRODUCT:

13030# concrete pipe from Auburn to Bristol.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

191

TO

Engineering

Department, Dr.

1910.

162 (Auburn Concrete Plant)

December 3 - For 3 pcs. 24" concrete pipe shipped August 17th, 1918, to JECraver at Easton, Wn., in Car ON 432806 for use at Culvert MP 43+891 to apply on Reqn. 4JFC 4343-ST 43827.

1918-

August 17th- 3 pcs. 24" concrete pipe 48 ft. @ 1.60

\$ 76.80

Amount of this Bill

\$ 76.80

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account, show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

3300# cement from Bellingham

@ 7¢ cwt.

270# reinforcing mesh from St. Paul

@ 94¢ "

144# reinforcing rods from St. Paul

@ 94¢ "

FREIGHT ON FINISHED PRODUCT:

19530# concrete pipe from Auburn to Easton.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

STORE

Mem. No.

PAE-T-

191

TO
163Engineering
(Auburn Concrete Plant)

Department, Dr.

1918

December 3-For 7 pos. 34" concrete pipe shipped September 5th, 1918 to J.E. Craver at Lester, Wn., in Wabash Car #35353 to apply on JEC #345, ST #4135 for use at NP 53+4000.

1918-

September 5th-7 pos. 34" concrete pipe 56 ft. @ 1.60

\$ 89.60

Amount of this Bill -

\$ 89.60

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

3850# cement from Bellingham

@ 7¢ cwt.

315# mesh reinforcing from St. Paul

94¢ "

168# reinforcing rods from St. Paul

94¢ "

FREIGHT ON FINISHED PRODUCT:

22785# concrete pipe from Auburn to Lester.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

164

Order No.

Mem. No.

TO

Department, Dr.

191

PAE-T- 629

Engineering
(Auburn Concrete plant)

November 27th-For 7 pcs. 34" concrete pipe shipped August 27th, 1918,
to J. E. Graver at Everett, Washington, in Car MR 3184
for use at Station 410+25 to apply on requisition JEC
#267, ST #3246.

1918 -

August 27th - 7 pcs. 34" concrete pipe 56 ft. @ 1.60

\$89.60

Amount of this Bill

\$89.60

If material chargeable to Additions and Betterments
add freight charges on raw material at 70% of tariff,
as below.

If chargeable against outside companies add freight
at Tariff rate, as below.

If chargeable to Joint operating accounts do not
include freight in the bill, but when reporting
for joint account show weights so freight charges
can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

3850# cement from Bellingham
315# mesh reinforcing from St. Paul
168# reinforcing rods from St. Paul

@ 7¢ cwt.
@ 94¢ "
@ 94¢ "

FREIGHT ON FINISHED PRODUCT:

32785# concrete pipe from Auburn to Everett.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

165

Order No.

Mem. No. PAE-T- 630

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

November 37th - For 3 pcs. 34" concrete pipe shipped August 27th, 1918,
to JECraver at Darrington in Car St. LIM 75302 for use
at MP 35+3621 to apply on requisition JEC #369 ST #3847.

1918 -

August 27th

3 pcs. 34" concrete pipe 34 ft. @ 1.60

\$38.40

Amount of this Bill -

\$38.40

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show weights
so freight charges can be added as called for
in contract.

FREIGHT ON RAW MATERIAL:

1650# cement from Bellingham

135# mesh reinforcing from St. Paul

72# reinforcing rods from St. Paul

@	7¢	cwt.
	94¢	"
	94¢	"

FREIGHT ON FINISHED PRODUCT:

9765# concrete pipe from Auburn to Darrington.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

191

TO

166

Engineering
(Auburn Concrete Plant)

Department, Dr.

November 27th-For 3 pos. 24" concrete pipe shipped August 27th, 1918,
to JECraver at Wickersham, Wn., in car St. LIV 75302, for
use at WP 3-1538 to apply on Requisition No. 272 ST 3850.

1918.

August 27th - 3 pos. 24" concrete pipe 24 ft. @ 1.60

\$38.40

Amount of this Bill

\$38.40

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

FREIGHT ON RAW MATERIAL:

1650# cement from Bellingham

@ 7¢ owt.

135# mesh reinforcing from St. Paul

@ 94¢ owt.

72# reinforcing rods from St. Paul

@ 94¢ owt.

FREIGHT ON FINISHED PRODUCT:

9785# concrete pipe from Auburn to Wickersham.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

191

PAE-T- 632

TO

167

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918.

November 30th - For 4 pos. 24" concrete pipe shipped September 2nd, 1918, to W. C. Albee at Olympia on MC Car #7942 for culvert at NP 13+782 to apply on WCA #318, ST #4194.

1918-

September 2nd

4 pos. 24" concrete pipe 32 ft. @ 1.60

\$ 51.20

Amount of this Bill -

\$ 51.20

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

3200# cement from Bellingham	@ 7¢ per cwt.
180# mesh reinforcing from St. Paul	@ 94¢ " "
86# reinforcing rods from St. Paul	@ 94¢ " "

FREIGHT ON FINISHED PRODUCT:

13020# concrete pipe from Auburn to Olympia.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

1918

PAE-T-

633

TO

168 Engineering
(Auburn Concrete Plant)

Department, Dr.

1918.

November 27th-For 3 pos. 24" concrete pipe shipped August 27th, 1918, to JECraver at Wickersham Wn., in Car St.LIM 75303 for use at MP 2+3500 to apply on requisition JEC #271, ST #3849.

1918-

August 27th - 3 pos. 24" concrete pipe 24 ft. @ 1.60

\$ 38.40

Amount of this Bill -

\$ 38.40

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

1650# cement from Bellingham	@	7¢	cwt.
135# mesh reinforcing from St. Paul	@	94¢	"
72# reinforcing rods from St. Paul	@	94¢	"

FREIGHT ON FINISHED PRODUCT:

9765# concrete pipe from Auburn to Wickersham.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

169

Order No.

STORE

Mem. No.

191

PAE-T-634

TO

Engineering

Department, Dr.

1918.

(Auburn Concrete Plant)

November 27th

For 3 pcs. 24" concrete pipe shipped August 27th, 1918, to J. E. Craver at Wickersham, Wn., in Car St. LIM 75302, for use at WP 1+3813 to apply on requisition JEC #270, ST #3845.

1918.

August 27th

3 pcs. 24" concrete pipe 24 ft. @ 1.60

\$ 38.40

\$ 38.40

Amount of this bill -

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

1650# cement from Bellingham

@ 7¢ cwt.

135# mesh reinforcing from St. Paul

94¢ "

72# reinforcing rods from St. Paul

94¢ "

FREIGHT ON FINISHED PRODUCT:

9765# concrete pipe from Auburn to Wickersham

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No. PAE-T-635

TO

170

Department, Dr.

191

Engineering
(Auburn Concrete Plant)

1918.

November 29th - For 4 pos. 24" concrete pipe shipped August 27th, 1918, to J. E. Craver at Blue Canyon, Washington, in Car NP 467377 for use at WP4-5080 to apply on Requisition 4JEC 273, ST 43851.

1918.

August 27th

4 pos. 24" concrete pipe 32 ft. @ 1.60

\$51.20

Amount of this bill

\$51.20

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

2200# cement from Bellingham

@ 7¢ cwt.

180# mesh reinforcing from St. Paul

@ 94¢ "

96# reinforcing rods from St. Paul

@ 94¢ "

FREIGHT ON FINISHED PRODUCT:

13080# concrete pipe from Auburn to Blue Canyon.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No. PAE-T- 636

191

1918.

TO

Engineering Dept.

Department, Dr.

171 (Auburn Concrete Plant)

November 30th - For 3 pcs. 24" concrete pipe shipped August 27th, 1918, to JECraver at Towanda on Car #NP 67377 for use at culvert MP 8+5235 to apply on requisition JEC 4375, ST 43852.

1918-

August 27th -

3 pcs. 24" concrete pipe 24 ft. @ 1.00

\$38.40

Amount of this Bill

\$38.40

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

1650# cement from Bellingham

@ 7¢ cwt.

135# mesh reinforcing from St. Paul

94¢ "

72# reinforcing rods from St. Paul

94¢ "

FREIGHT ON FINISHED PRODUCT:

9765# concrete pipe from Auburn to Towanda.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

PAL-7-637

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918.

172

1918 - November 29 - For 3 pos. 24" concrete pipe shipped August 27th, 1918, to JECraver at Ronald, Wn., on Car NP 68607 for use at NP 5-3379 to apply on Reqn. JEC #277, ST #3854.

1918-

August 27th - - 3 pos. 24" concrete pipe 24 ft. @ 1.60 \$ 38.40

Amount of this bill - \$ 38.40

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

1650# cement from Bellingham

@ 7¢ cwt.

135# mesh reinforcing from St. Paul

@ 94¢ "

72# reinforcing rods from St. Paul

@ 94¢ "

FREIGHT ON FINISHED PRODUCT:

9765# concrete pipe from Auburn to Ronald.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

STORE

Mem. No.

191

PAE-T-

638

To 173

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918.

November 29th - For 4 pcs. 34" concrete pipe shipped August 27th, 1918, to JECraver at Ronald, Wn., on Car NP #68607 for use at NP 6+520 to apply on requisition #JEC 277, ST #3854.

1918-

August 27th - 4 pcs. 34" concrete pipe 32 ft. @ 1.60

\$ 51.30

Amount of this bill - -

\$ 51.30

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below:

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

3200# cement from Bellingham

@ 7¢ cwt.

180# mesh reinforcing from St. Paul

@ 94¢ "

88# reinforcing rods from St. Paul

@ 94¢ "

FREIGHT ON FINISHED PRODUCT:

13030# concrete pipe from Auburn to Ronald.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

191

PAE-T-

639

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918.

174

December 3 - For one single track slab shipped to C. Simonsen at Thrall for use at Bridge 133-3 to apply on Requisition JS #671, at #8544, shipped November 13th, 1918 in Car NP #62973.

1918-

November 13 - 1 single track slab @ 135.00 - - \$135.00

Amount of this Bill - \$135.00

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

5000# cement from Bellingham @ 7¢ cwt.
1105# reinforcing rods from St. Paul @ 94¢ "

FREIGHT ON FINISHED PRODUCT:

33300# from Auburn to Thrall. @

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

191

PAE-T-

TO
175Engineering
(Auburn Concrete Plant)

Department, Dr.

1918.

November 30 - For 66 pcs. 25' concrete piles shipped to ARCook at Castle Rock for use at Toutle River Bridge #84 to apply on BD Reqn. #70, ST #Order 7949 ARE #373-18.

1918-

September 19	- Car CI&L #30081	- 11 pcs. 25' concrete piles
" 26	- Car CP #311338	- 11 pcs. 25' concrete piles
" 26	- Car NYC #497346	- 11 pcs. 25' concrete piles
" 26	- Car AT&SF #94500	- 11 pcs. 25' concrete piles
October 5	- Car SSW #51	- 11 pcs. 25' concrete piles
" 23	- Car NP #65507	- 11 pcs. 25' concrete piles

Total 66 pcs. 1650 lin.ft. @ 1.50 -

\$3475.00

AMOUNT OF THIS BILL -

\$3475.00

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

43956# cement from Bellingham	@ 7¢ cwt.
34483# reinforcing rods from St. Paul	@ 94¢ "

FREIGHT ON FINISHED PRODUCT:

347160# concrete piles Auburn to Castle Rock.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

191

TO

176 (Auburn Concrete Plant)

Department, Dr.

1918.

November 29 - For 43 pcs. 30' concrete piles shipped to ARCook at Kalama, for use at Kalama River Bridge #105-1 to apply on BD #69 ST #7946. AFE #674-18.

1918.

September 30 - Car NP 81068	-	14 pcs. 30' piles (concrete)	
September 18 - Car GN 82082	-	14 pcs. 30' piles (concrete)	
September 18 - Car NP 85789	-	15 pcs. 30' concrete piles	
		43 pcs. 860 ft. @ 1.60	\$1376.00

Amount of this Bill

\$1376.00

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

23392# cement from Bellingham	@ 7¢ cwt.
13344# reinforcing rods from St. Paul	@ 94¢ "

FREIGHT ON FINISHED PRODUCT:

184900# concrete piles Auburn to Kalama.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No. PAT-T- 642

Mem. No. 1918.

TO

Engineering

Department, Dr.

191

177 (Auburn Concrete Plant)

December 9, 1918-For reinforcing rods shipped to A. Herider at Admo, Wash., to apply on JEC REqn. 4575, ST 46699. Shipped in Car NP 463484, October 33rd, 1918.

1918-

October 23rd - 56 pos. 3/4" reinforcing rods 14'6" long 812 lin.ft.
 58 " 3/4" " " 35' " 8030 " "
 79 " 3/4" " " 27'6" " 31731 " "
 50143 " "

In order to cut to dimensions it was necessary to use

28 pos. 3/4" x 35' each cut into 3-14'6" 980 lin.ft.
 58 " 3/4" x 35' not cut. 8030 " "
 79 " 3/4" x 35' each cut into 1-27'6" 2765 " "

Total used 5775 " 110484

110484 @ 3.70 cwt. 408.78

Less value of scrap 760.5 lin.ft.

14554 @ 25.00 Ton 18.93

\$389.86 \$389.86

10/23/18

Labor loading rods at Auburn Concrete Plant

4 hours @ 53¢ per hr. 2.08
 3 " @ 59¢ " " 1.78
 15 " @ 53¢ " " 6.48

12.34

Cost of labor handling scrap

7604 @ 4.00 N.T. 1.53 \$ 13.86

Amount of this Bill -- \$403.78

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

PAT-T- 643

191

TO

178

Engineering

(Auburn Concrete Plant)

Department, Dr.

1918.

December 10 - For reinforcing rods shipped September 18th, 1918, to
J. E. Craver at Stampede, Wn., in Car NP #63236 for use
at Bridge 48 per Compt. No. 2038 (18)

1918-

	Lin. Ft.	Weight	Price per cwt	
Sept. 18-8 pcs. 1 1/2" diam. 6'9" plain round rod	54	2354	4.08	9.18
240 lin. ft. 1" diam. plain round rod	240	404	2.30	.92
30 pcs. 3/4"-17'8" reinforcing rods	525	10044	3.70	37.15
57 " 3/4"-14'8" reinforcing rods	828.5	15814	3.70	58.51
15 " 1/2"-27'6" reinforcing rods	412.5	2764	3.80	10.49
4 " 1/2"-14'6" reinforcing rods	58	394	3.80	1.48
		31654		\$117.73

Labor loading rods at Auburn Concrete Plant.

8 hrs. @ 56¢ per hour

4.52

8 hrs. @ 59¢ per hour

4.76

9.28

Amount of this Bill - \$127.01

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

191

TO

179 Engineering
(Auburn Concrete Plant)

Department, Dr.

1918.

December 3 - For 3 pcs. 34" concrete pipe shipped August 17th, 1918, to J. E. Craver at Lake, Washington in Car NYC 431897 for use at culvert MP 15+4800 to apply on requisition JEC 4348, ST 43830.

1918-

August 17th - 3 pcs. 34" concrete pipe 34 ft. @ 1.60

\$ 38.40

Amount of this Bill -

\$ 38.40

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account, show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

1650# cement from Bellingham

@ 7¢ cwt.

135# mesh reinforcing from St. Paul

@ 94¢ "

72# reinforcing rods from St. Paul

@ 94¢ "

FREIGHT ON FINISHED PRODUCT:

9785# concrete pipe from Auburn to Woodinville.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

191

PAE-T-645

TO

180

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918.

December 3 - For 4 pcs. 24" concrete pipe shipped August 17th, 1918, to JECraver at Woodinville, Wn., in Car Rutland #2403 for use at Culvert WP 3+1090 to apply on requisition JEC #258, ST #3838.

1918-

August 17th - 4 pcs. 24" concrete pipe 33 ft. @ 1.60

\$ 51.20

Amount of this Bill - -

\$ 51.20

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account, show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

2200# cement from Bellingham
180# mesh reinforcing from St. Paul
96# reinforcing rods from St. Paul

@ 7¢ cwt.
@ 94¢ "
@ 94¢ "

FREIGHT ON FINISHED PRODUCT:

13020# concrete pipe from Auburn to Woodinville.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

PAE-T- 646

1918.

TO

181

Engineering
(Auburn Concrete Plant)

Department, Dr.

November 30th-For 5 pcs. 34" concrete pipe shipped September 2nd, 1918, to W. C. Albee at Olympia in Car MC 47943 for use at Mile Post 13+5180 to apply on WCA Reqn. #318, ST #4194.

1918-

September 2 - 5 pcs. 34" concrete pipe 40 ft. @ 1.60

\$ 64.00

Amount of this Bill

\$ 64.00

If material chargeable to additions and betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

2750# cement from Bellingham

@ 7¢ cwt.

235# mesh reinforcing from St. Paul

@ 94¢ "

120# reinforcing rods from St. Paul

@ 94¢ "

FREIGHT ON FINISHED PRODUCT:

16275# concrete pipe from Auburn to Olympia.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

PAE-T- 647
1918.TO
182 Engineering
(Auburn Concrete Plant)

Department, Dr.

November 29th - For 4 pcs. 24" concrete pipe shipped August 27th, 1918, to J.E. Craver at Blue Canyon, Washington, in Car NP #37377 for use at MP 5+1786 to apply on Requisition JEC #273, ST #3851.

1918.

August 27th -	4 pcs. 24" concrete pipe 32 ft. @ 1.60	\$ 51.20
	Amount of this Bill	\$ 51.20

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Jointoperating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

2300# cement from Bellingham	7¢ cwt.
180# mesh reinforcing from St. Paul	94¢ cwt.
96# reinforcing rods from St. Paul	94¢ cwt.

FREIGHT ON FINISHED PRODUCT:

13020# concrete pipe from Auburn to Blue Canyon.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

PAE-T- 648

TO

Engineering

Department, Dr.

191

183 (Auburn Concrete Plant)

1918.

November 29 - For 4 pos. 24" concrete pipe shipped August 27th, 1918, to J. E. Craver at Blue Canyon, Wn., in car NP 67377 for use at NP 5+1786 to apply on Reqn. # JEC 273-ST 43851.

1918-

August 27th - 4 pos. 24" concrete pipe 33 ft. @ 1.60

\$ 51.20

Amount of this bill -

\$ 51.20

If material chargeable to additions and betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

2200# cement from Bellingham	@	7¢	cwt.
180# mesh reinforcing from St. Paul	@	94¢	"
96# reinforcing rods from St. Paul	@	94¢	"

FREIGHT ON FINISHED PRODUCT:

13020# concrete pipe from Auburn to Blue Canyon.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

191

TO

184 (Auburn Concrete Plant)

Engineering

Department, Dr.

1918.

November 30th - For 7 pos. 34" concrete pipe shipped to JECraver
September 5th, 1918, at Lester, Washington on
Wabash Car No. 25355 to apply on JEC #345 ST
#4135.

1918-

September 5th - 7 pos. 34" concrete pipe 56 ft. @ 1.60

\$89.60

Amount of this Bill -

\$89.60

If material chargeable to Additions
and Betterments add freight charges
on raw material at 70% of tariff, as
below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating ac-
counts do not include freight in the
bill, but when reporting for joint ac-
count show weights so freight charges
can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

3850# cement from Bellingham	@	7¢	cwt.
315# mesh reinforcing from St. Paul	@	94¢	"
168# reinforcing rods from St. Paul	@	94¢	"

FREIGHT ON FINISHED PRODUCT:

33785# concrete-pipe from Auburn to Lester.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

191

TO

185 Engineering
(Auburn Concrete Plant)

Department, Dr.

November 27th - For 3 pcs. 24" concrete pipe shipped August 27th, 1918, to J. E. Craver at Agate Bay, Washington in Car MR 2184 for use at NP 11+3538 to apply on Regn. JEC #276, ST #3853.

1918 -

August 27th - 3 pcs. 24" concrete pipe 24 ft. @ 1.60 \$38.40

Amount of this bill - \$38.40

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

1650# cement from Bellingham	@ 7¢ cwt.
135# mesh reinforcing from St. Paul	@ 94¢ cwt.
72# reinforcing rods from St. Paul	@ 94¢ cwt.

FREIGHT ON FINISHED PRODUCT:

9765# concrete pipe from Auburn to Agate Bay.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

191

PAE-T- 657

TO

Engineering

Department, Dr.

186 (Auburn Concrete Plant)

1918.

November 30 - For 2 pce. 24" concrete pipe shipped September 2nd, 1918, to W. C. Albee, at South Prairie on Wabash Car #25353 for use at culvert MP 1+5085, WCA Reqn. #103, ST #2344.

For 2 pce. 24" concrete pipe shipped September 2nd, 1918, to W. C. Albee at South Prairie on Wabash Car #25353 for use at culvert MP 4+2008 to apply on WCA Reqn. #103, ST #2344.

1918-

September 2 - 4 pce. 24" concrete pipe 33 ft. @ 1.60

\$ 51.80

Amount of this Bill

\$ 51.80

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

2200# cement from Bellingham

@ 7¢ cwt.

180# mesh reinforcing from St. Paul

@ 94¢ "

96# reinforcing rods from St. Paul

@ 94¢ "

FREIGHT ON FINISHED PRODUCT:

13020# concrete pipe from Auburn to South Prairie.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

191

PAK-T- 652

TO

187 Engineering
(Auburn Concrete Plant)

Department, Dr.

1918.

December 3 - For 11 pos. 24" concrete pipe shipped August 27th, 1918, to WEBredley at Winlock, Washington, in Car #CV 4538 to apply on requisition WCA 4596, order ST 47776.

1918-

August 27th - 11 pos. 24" concrete pipe 88 ft. @ 1.60 \$140.80

Amount of this Bill - \$140.80

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

6050# cement from Bellingham
495# mesh reinforcing from St. Paul
264# reinforcing rods from St. Paul

@ 7¢ cwt.
@ 94¢ "
@ 94¢ "

FREIGHT ON FINISHED PRODUCT:

35805# concrete pipe from Auburn to Winlock.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

191

PAE-T-

653

TO

188

Engineering

(Auburn Concrete Plant)

Department, Dr.

1918.

November 29th - For 5 pcs. 36" concrete culvert pipe shipped September 5th, 1918 to JECraver at Cle Elum on Car NP #35374 to apply on JEC Reqn. #568 ST #8914 for use in washout bridge near NP 19+ near Casway. Compt. No. 2111-18.

1918 -

September 5th -

5 pcs. 36" concrete pipe 40 ft. @ 2.10

\$ 84.00

Amount of this Bill - -

\$ 84.00

If materials chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

4000# cement from Bellingham

\$ 7¢ cwt.

305# mesh reinforcing from St. Paul

94¢ "

170# reinforcing rods from St. Paul

94¢ "

FREIGHT ON FINISHED PRODUCT:

23500# concrete pipe from Auburn to Cle Elum.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

191

PAE-T-654

TO

Department, Dr.

189

Engineering
(Auburn Concrete Plant)

1918.

December 3 - For concrete pipe shipped to C. C. Blood at Tacoma, Washington, for use at Sperry Mills to apply on P.S. Regn #764, TST #3769, shipped November 18th, 1918, in CAR OT #63780.

1918-

November 18--12 pcs. 24" concrete pipe 96' @ 1.60

\$ 153.60

Amount of this Bill -

\$ 153.60

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIALS:

4400# cement from Bellingham

@ 7¢ cwt.

360# mesh reinforcing from St. Paul

@ 94¢ "

182# reinforcing rods from St. Paul

@ 94¢ "

FREIGHT ON FINISHED PRODUCT:

36040# concrete pipe from Auburn to Tacoma.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

UNITED STATES RAILROAD ADMINISTRATION
W. G. MCADOO, DIRECTOR GENERAL OF RAILROADS
NORTHERN PACIFIC RAILWAY

STORE

Department

Order No.

Mem. No.

191 9

TO

ENGINEERING
(Glendive Concrete Plant)

Department, Dr.

February 1st:-

For value of material furnished Glendive
Concrete Plant, as per following invoice

Blaw-Knox Company invoice dated October 29th, 1918

1 Complete bell casting for 24" pipe mold 55.00

AMOUNT OF THIS BILL

\$55.00

Charge:-

Material & Supplies

Glendive Concrete Plant

Investment Account

\$55.00

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

APPROVED:

L. Yager,

Engineer Maintenance of Way

Officer who renders bill sign here.

UNITED STATES RAILROAD ADMINISTRATION

W. G. McADOO, Director General of Railroads

NORTHERN PACIFIC RAILROAD

Form 286X Small 11-20-17 5M RP

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Puget Sound Division.

Department

Order No. PAR-T- #11.

Engineering Department

Mem. No.

TO

Department, Dr.

191

1919.

R. D. No.

139

Jan. 27th, For value of material furnished for use in cleaning
tunnel rail at Auburn, as per Robinson, Cary & Sands
Co's invoice dated January 2, 1919, as follows:

50 ft. $\frac{3}{4}$ " wire-wound hose for Buckeye		
20" C-G-9 sand blast machine @ 1.75 ft.		<u>87.50</u>

Amount of this Bill

\$87.50

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Principal Assistant Engineer.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

UNITED STATES RAILROAD ADMINISTRATION
W. G. McADAMS, Director General of Railroads
NORTHERN PACIFIC RAILROAD

Department

Order No.

Mem. No.

PAE-T- 1.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191 1919.

98

Jan. 13th, For labor furnished during September, 1918, in connection with Auburn Concrete Plant, Auburn, as per Puget Sound Division Operating Dept. bill #806, A.D. #18124:

Loading ties at Steellacoom for
Concrete Plant platform:

Sec. 29, Steellacoom:

Sept. 14th, Laborers 36 hrs. @ .3758 13.53

Superintendence 1.35

Amount of this Bill \$14.88

I certify that the above account is correct:

(Signed) A. R. COOK.

Bill as rendered, correct:

Principal Assistant Engineer.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

UNITED STATES RAILROAD ADMINISTRATION
W. G. McADOO, Director
NORTHERN PACIFIC RAILROAD

STORE

Department

Order No.

Mem. No.

PAE-T- 681.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918.

Dec. 31st, For value of fuel furnished during October, 1918, for
use at Auburn Concrete Plant, as per Fuel Dep't
bill #489, ABQMA 3055, as follows:

NP 56387, W/B 5264, 104700# Roslyn - 52.35 tons @ 2.90 151.81

Amount of this Bill

\$151.81

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK

Principal Assistant Engineer.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

UNITED STATES RAILROAD ADMINISTRATION

W. G. McADOO, Director General of Railroads

NORTHERN PACIFIC RAILROAD

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department Puget Sound Division.

Order No.

PAE-T- #672.

Mem. No.

191 1918-

A. D. No.

TO

Engineering

Department, Dr.

Dec. 31st, For labor furnished in cleaning tunnel rail at Auburn
Concrete Plant, during month of December, 1918:

Engineer	116/200 Mo.	@ 137.02	79.47
Steelmen	316 Hrs.	@ .62	197.50
Form Men	164 "	@ .59	97.33
Concrete Moulders	808 "	@ .56	456.52
Pump Man	116 "	@ .56	65.54

Amount of this Bill

\$896.61

I certify that the above account is correct:

(Signed) A. R. COOK.

Bill as rendered, correct:

Principal Assistant Engineer.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department Puget Sound Division.

Order No. PAE-T- #673.

Mem. No. 191 1918-

TO

Engineering

Department, Dr.

Dec. 31st, For time of Plant Superintendent while supervising
cleaning tunnel rail at Auburn Concrete Plant, during
month of December, 1918.

Plant Sup't 25 days @ 160.00

129.04

Amount of this Bill

\$129.04

1918

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Principal Assistant Engineer.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

UNITED STATES RAILROAD ADMINISTRATION

Form 286X Small 11-20-17 5M RP

W. G. McADOO, Director General of Railroads

NORTHERN PACIFIC RAILROAD

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No. PAR-T- #074.

Mem. No.

191 1918-

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

Dec. 31st, For labor furnished at Auburn Concrete Plant during
December, 1918.

Plant Sup't,

6 days

@

100.00

30.96

Amount of this Bill

\$30.96

196

I certify that the above account is correct:

(Signed) A. R. COOK.

Bill as rendered, correct:

Principal Assistant Engineer.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

UNITED STATES RAILROAD ADMINISTRATION

W. G. McADOO, Director General of Railroads

Form 286X Small 5-3-17 5M RP

NORTHERN PACIFIC RAILROAD

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department Puget Sound Division.

Order No.

PAR-T- 671:

Mem. No.

TO

Engineering

Department, Dr.

191 1918-

Dec. 30th, For value of material furnished during October, 1918,
in connection with cleaning tunnel rail at Auburn, Wash.
as per South Tacoma Store Dept. bill #1550, ARANA 3269:

Invoice 10-546

W.B. 286, Express, 10/23/18, Auburn, TST 3381:

1 coil 3/4" wire-wound hose for sand blast,
St. Paul 125¢

@ 37.33c'

18.67

Invoice #10-381

Taken, 10/15/18, Auburn, TST 3275:

50 ft. 1/2" air hose St. Paul 17¢

@ 19.36 c'

9.68

Store Expense

28.35

2.83

Amount of this bill

\$31.18

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Principal Assistant Engineer.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

UNITED STATES RAILROAD ADMINISTRATION

W. G. McADOO, Director General of Railroads

NORTHERN PACIFIC RAILROAD

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

PAR-T- 670.

Mem. No.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191 1918-

Dec. 30th, For value of material furnished during August
1918, for use at Auburn Concrete Plant, as per So. Tacoma
Store Department bill #1550, ASAMA #3269:

Invoice #8-1085

V.B. 232, NP 99652, 8/30/18, Auburn, TOT 2682:

24 pos. sheet iron 1/8" thick x 2' wide x 8' long,
St. Paul, 1920# @ 6.32 ea.

151.68

Store Expense

15.17

Amount of this Bill

\$166.85

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Principal Assistant Engineer.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

UNITED STATES RAILROAD ADMINISTRATION

W. G. MCADOO, DIRECTOR GENERAL OF RAILROADS

STORE

NORTHERN PACIFIC RAILWAY

Department

Order No.

PAE-T- 601

Mem. No.

Engineering
TO (Auburn Concrete Plant)2743
Department, Dr.

191

1918-

Nov. 30th, For drayage performed during the month of November, 1918,
by J.W.Meade, Auburn, as per his bill dated November 1,
1918, while hauling material from freight house to
concrete plant.

Nov. 12th, Hauling wire

2.00

Amount of this Bill

\$2.00

G. D. Vanhook
11053
12/14/18

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Principal Assistant Engineer

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

UNITED STATES RAILROAD ADMINISTRATION
W. G. MCADOO, DIRECTOR GENERAL OF RAILROADS
NORTHERN PACIFIC RAILWAY

Order No.

Mem. No.

PAR-T-605

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1911918 -

Nov. 30th, For labor furnished at Auburn Concrete Plant during
November, 1918.

Engineer	3-6/8 days @	137.02
Steelmen	44 hrs. @	.62
Formman	30 " @	.59
Concrete Moulders	110 " @	.56

20.55

10.76

27.50

17.85

62.15

Amount of this Bill

128.05

127.26

4117 ✓

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Principal Assistant Engineer.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

UNITED STATES RAILROAD ADMINISTRATION

W. G. MCADOO, DIRECTOR GENERAL OF RAILROADS

BYORE

Department

NORTHERN PACIFIC RAILWAY

Order No.

Mem. No.

PAE-T-604

TO

Engineering

Department, Dr.

191

1918-

Nov. 30th, For labor furnished during November, 1918, account
cleaning tunnel rail at Auburn.

Engineer	20 days @	137.02	
Steelmen	352 hrs. @	.62½	
Formmen	160 " @	.59½	
Concrete Moulders	694 " @	.56½	

109.61

~~105.40~~

220.00

95.20

392.11

~~812.71~~

816.92

816.92

Amount of this Bill

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Principal Assistant Engineer.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

UNITED STATES RAILROAD ADMINISTRATION
NORTHERN PACIFIC RAILWAY

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Puget Sound Division

Order No.

Mem. No.

PAH-T-602

TO

Engineering

Department, Dr.

191

1918

B.D. No.

2765

Nov. 30th,

For labor furnished during November 1918 account
unloading and cleaning tunnel rail at Auburn.

Concrete Plant Superintendent

20½ Days @ 160.00

109.36

Amount of this bill

8109.36

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

(Signed) A. R. COO

NORTHERN PACIFIC RAILWAY COMPANY

UNITED STATES RAILROAD ADMINISTRATION
DIRECTOR GENERAL OF RAILROADS
NORTHERN PACIFIC RAILWAY

S F O R E

Department

Order No.

Mem. No.

PAR-T 603

TO

Engineering

Department, Dr.

191

1918

E.D. No.

2764

Nov. 30th. For labor furnished at Auburn Concrete Plant during
November 1918.

Plant Superintendent 9 1/2 Days @ 160.00

50.64

Amount of this bill

\$50.64

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

(Signed) A. R. CO

NORTHERN PACIFIC RAILWAY COMPANY

UNITED STATES RAILROAD ADMINISTRATION
W. G. MCADOO, DIRECTOR GENERAL OF RAILROADS
NORTHERN PACIFIC RAILROAD

STORE

Department

Order No.

Mem. No.

TO **ENGINEERING**
(Glendive Concrete Plant)

Department, Df.

1918

ADD. No. 2733

December 10th:-

For expenses of Assistant Engineer XX in
charge of Glendive Concrete Plant during the month
of November, 1918.

AMOUNT OF THIS BILL \$12.00

Charge:-

Material & Supplies
Glendive Concrete Plant
a/c Operation Account

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

APPROVED

L. Yager,

Engineer

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No. PAR-T-593

TO

Engineering
(Auburn Concrete Plant)
270 ✓

Department, Dr.

191

1918-

Nov. 16th, For value of coal furnished Auburn Concrete Plant during the month of September, 1918, as per Fuel Dept. bill #453, ABAMA #2929, as follows:

103.500 lbs. Roslyn - 52.75 tons @ 2.90

152.97

Amount of this Bill

\$152.97

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Principal Assistant Engineer

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

PAE-T-595

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918-

Nov. 14th, For value of car oil furnished in September, 1918,
for use at Auburn Concrete Plant, Auburn, as per
South Tacoma Store Dept. bill #1429, AS&MA #2892:

Inv. 9-273. W.B. 99, C.H.& D. car 40022,
9/13/18, Auburn, Wash., T.S.T. #2866.

100 gals. car oil #48 - St. Paul - 950# @19.22 c.gal. 19.22

Store Expense 1.92

Amount of this Bill \$21.14

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

(Signed) A. R. COOK:

Principal Assistant Engineer

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department (C R E D I T)

Order No.

Mem. No.

PAE-T-600

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918-

Nov. 22nd., To allow Auburn Concrete Plant, Operation Account,
credit covering empty cement sacks returned from
Auburn Concrete Plant, Auburn to Olympic Portland
Cement Co., Bellingham, Wash., September 19th, in
Ot. Hor. car #53254, as per PAE-T- bill dated
November 22, 1918.

1866 Olympic sacks

@ 20¢

373.20

Amount of this CREDIT Bill \$373.20

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK

Principal Assistant Engineer

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STONE

Department

Order No. TP. 292.

Mem. No.

TO ANCH. (tie treating plants)

Department, Dr.

191

(1918)

Nov. 20th,

For amount of M. & I. R. R. Co. Bill

1842, Office Rental, Supt. T. P. & T. T. Plants,
Brainerd, Minn., Month of October, 1918.

AMOUNT OF THIS BILL-----\$15.00

a/c Brainerd Tie Treating Plant.

I certify that the above account is correct:

Bill as rendered, correct:

ANDREW GIBSON

Supt. T. P. & T. T. Plants.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

2076

Order No. TP. 289.

Mem. No.

TO ENGR. (tie treating plants)

Department, Dr.

191 (1918)

Nov. 14th,

For Amount of N. & I. R. R. Co. Bill
#782, Office Rental, Supt. T. P. & T. T. Plants,
Brainerd, Minn., Month of September, 1918.

AMOUNT OF THIS BILL-----\$15.00

a/c Brainerd Tie Treating Plant.

I certify that the above account is correct:

Bill as rendered, correct:

ANDREW GIBSON

Supt. T. P. & T. T. Plants.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No. TP. 288.

Mem. No.

TO ENGR. (tie treating plants)

Department, Dr.

191 (1918)

7675

Nov.. 14th,

For Amount of Accounting

Department Bill No. 18081 -

AMOUNT OF THIS BILL-----\$222.48

a/c Paradise Tie Treating Plant - \$222.48

I certify that the above account is correct:

Bill as rendered, correct:

ANDREW GIBSON.

Supt. T. P. & T. T. Plants.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Puget Sound Division.

Order No.

PAB-T- 594

Mem. No.

TO

Engineering

Department, Dr.

191 1918-

Nov. 13th, For value of sand shipped to Auburn, Wash., from Tacoma for use of sand balst machine for cleaning tunnel rail, per Savage, Scofield Co's invoice dated Oct. 16, 1918.

40 yds. fine sand - NP 58976 -

@ 1.10

\$44.00

Amount of this Bill

\$44.00

Out 12/14

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Principal Assistant Engineer.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

UNITED STATES RAILROAD ADMINISTRATION

Form 286X Small [2-5-18 5M RP

W. G. MCADOO, DIRECTOR GENERAL OF RAILROADS

NORTHERN PACIFIC RAILWAY

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

PAR-T-596

Engineering

Mem. No.

1918-

TO

(Auburn Concrete Plant)

Department, Dr.

191

Nov. 16th, for value of material furnished during September, 1918,
in connection with Auburn Concrete Plant, as per your
bill dated September 23, 1918, as follows:

5 coils #16 annealed market wire	500# @ 4.37 C#	21.85	
2 " #12 " " " "	200# @ 4.02 "	8.04	
		29.89	
	Less 2% - 10 days	.60	29.29
	Plus 1% Purchase Expenses		.29
	Amount of this Bill		\$29.58

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK

Principal Assistant Engineer.

Officer against whom bill is rendered will sign here

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORM

Department

Order No.

PAR-T-598

Mem. No.

1918-

191

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

2663

Nov. 16th, For drayage performed during the month of October, 1918, by J. W. Meade, Auburn, as per his bill dated November 1, 1918, while hauling material from freight house to concrete plant.

10-10, Hauling oil and tools 2.00

10-26, Hauling tank - plant to station 2.00

Amount of this bill

\$4.00

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Principal Assistant Engineer

Officer against whom bill is rendered will sign here

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

PAR-T-581

Mem. No.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918-

Bill No.

2592

Oct. 31st, For labor furnished at Auburn Concrete Plant during
October, 1918.

Engineer	7½	das.	6	137.02	39.52
Steelmen	88	hrs.	6	.62½	55.00
Foreman	64	"	6	.59½	38.10
Pumpman	80	"	6	.56½	45.20
Concrete Boulders	392	"	6	.56½	221.40

Amount of this Bill \$399.31

I certify that the above account is correct:

(Signed) A. R. COOK.

Bill as rendered, correct:

Principal Assistant Engineer.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

PAE-T-

509

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918-

E.D. No.

2586

August 15th, For concrete pipe shipped to James Shannon, Pasco, Wash., for following culverts: ST #5664, JS #312.

1918-

July 29 - N.P. 61551 - 9 pcs. 36" - M.P. 37+1963

LAN 21776 - 4 " 36" - " 69+ 676

3 " 36" - " 25+3845

16 " 36" = 128 ft. @ 2.10

268.80

Amount of this Bill

\$268.80

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ONRAW MATERIAL:

12800# cement from Bellingham @ 5¢ cwt.

976# mesh reinforcing from St. Paul @ 90¢ "

544# reinforcing rods " " @ 90¢ "

FREIGHT ONFINISHED PRODUCT:

75200# concrete pipe from Auburn to Pasco @

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Principal Assistant Engineer.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STONE

Department

Order No.

Mem. No.

PAB-7-504

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918-

E.D. No. 2501

August 15th, For concrete pipe shipped to James Shannon, Pasco,
Wash., for following culverts. ST #5664. JS #312.

1918-

July 29 - GB&Q 89392 - 4 pos. 24" - M.P. 34+2500

4 " 24" - " 26+2150

3 " 24" - " 13+2340

LAN 21776 - 3 " 24" - " 96+ 283

14 " 24" = 112 ft. @ 1.60

179.20

Amount of this Bill

\$179.20

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

FREIGHT ON RAW MATERIAL:

7700# cement from Bellingham @ 5¢ cwt.

630# mesh reinforcing from St. Paul @ 90¢ "

336# reinforcing rods " " @ 90¢ "

FREIGHT ON FINISHED PRODUCT:

45570# concrete pipe from Auburn to Pasco @

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Principal Assistant Engineer

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

PAE-T-505

TO

Engineering Department
(Auburn Concrete Plant) Department, Dr.

191

1918-

E.D. No.

250✓

August 15th, For concrete pipe shipped to W.C. Albee, for following culverts: ST #2344 - WCA #102.

1918-

August 3 - Oakville	N.P. 69438	- 4 pcs.	24" - M.P. 39+1190
Yacolt	" 68499	- 3 "	24" - " 21+2928
"	" "	- 4 "	24" - " 22+ 716
So. Aberdeen	" 62679	- 4 "	24" - " 9+4772
Hoquiam	" 69438	- 4 "	24" - " 79+1217
Montesano	" "	- 4 "	24" - " 64+1000

23 " 24" = 184 ft. @ 1.60-

294.40

Amount of this Bill

\$294.40

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

12650# cement from Bellingham @ 5¢ cwt.

1035# mesh reinforcing from St. Paul @ 90¢ "

552# reinforcing rods " " @ 90¢ "

FREIGHT ONFINISHED PRODUCT:

13020# concrete pipe from Auburn to Oakville @

22785# " " " " " Yacolt @

13020# " " " " " So. Aberdeen @

13020# " " " " " Hoquiam @

13020# " " " " " Montesano @

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Principal Assistant Engineer.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No. PAR-T-506

TO

Engineering

Department, Dr.

191

1918-

E.D. No.

2503

(Auburn Concrete Plant)

Aug. 15th, For concrete pipe shipped to J.L.DeForce, Parkwater, Wash.,
for following culverts: ST #4196. JLD #235.

1918-

July 29 - NP #62336 - 3 pcs. 24" - Culvert MP 106+1463

3 " 24" - " " 107+2600

GRAL 671 8 " 24" - " " 124+270

14 " 24" = 112 ft. @ 1.60

179.20

Amount of this Bill

\$179.20

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

FREIGHT ON RAW MATERIAL:

7700# cement from Bellingham @ 5¢ cwt.

630# mesh reinforcing from St. Paul @ 90¢ "

336# reinforcing rods " " @ 90¢ "

FREIGHT ON FINISHED PRODUCT:

45570# concrete pipe from Auburn to Parkwater @

I certify that the above account is correct:

(Signed) A. R. COOK.

Bill as rendered, correct:

Principal Assistant Engineer.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

PAE-T-507

TO

Engineering

Department, Dr.

191

1918-

E.D. No.

2504

(Auburn Concrete Plant)

August 15th, For concrete pipe shipped to W. G. Albee, for following culverts: ST #2344 - WCA #102.

1918-

Aug. 3 - Misqually - C.P.	322537	- 3 pcs.	24"	- M.P.	17+1464
"	"	7 "	24"	- "	17+1831
"	"	1 "	24"	- "	17+4680
"	MATP	53905	7 "	24"	17+250
"	"	"	4 "	24"	17+1464
St. Clair	N.P.	62679	9 "	24"	24+1917
		31	"	24"	

248 ft.

@ 1.60

396.80

Interest on Investment @ 2.453%

9.73

Amount of this Bill

\$406.53

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for Joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

17050# cement from Bellingham @ 5¢

1395# mesh reinforcing from St. Paul @ 90¢

744# reinforcing rods " " @ 90¢

FREIGHT ONFINISHED PRODUCT:

71610# concrete pipe from Auburn to Misqually @

29295# " " " " " St. Clair @

I certify that the above account is correct:

(Signed) A. R. COOK

Bill as rendered, correct:

Principal Assistant Engineer

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

PAE-T-508

TO

Engineering

Department, Dr.

191

1918-

E.D. No.

2505

(Auburn Concrete Plant)

Aug. 15th, For concrete pipe shipped to J.L. DeForce, Parkwater, Wash.,
for culvert at R.P. 4+3781. ST #4196. JLD #235.

1918-

July 29 - 2 pcs 36" pipe = 16 ft. @ 2.10

33.60

Amount of this Bill

\$33.60

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

FREIGHT ON RAW MATERIAL:

1600# cement from Bellingham	@ 5¢ cwt.
122# mesh reinforcing from St. Paul	@ 90¢ "
68# reinforcing rods " "	@ 90¢ "

FREIGHT ON FINISHED PRODUCT:

9400# concrete pipe from Auburn to Parkwater	@
--	---

I certify that the above account is correct:

(Signed) A. R. COOK.

Bill as rendered, correct:

Principal Assistant Engineer

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

P. A. E. - T. - 484

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918-

E.D. No.

2489

July 30th, For concrete pipe shipped to J.L.DeForce, Parkwater, Wash.
for following culverts: JLD.#235. ST.#4196.

1918 - July 8 - R.I.	#92779	- 3	pos.	24"	M.P.	43+5010	
	"	3	"	24"	"	47+4110	
	"	3	"	24"	"	92+880	
	"	4	"	24"	"	54+4350	
C.P.	#329837	- 3	"	24"	"	94+5068	
"	"	5	"	24"	"	3+2970	
"	"	3	"	24"	"	2+4838	
W.of A.	2251	3	"	24"	"	3+3355	
"	"	5	"	24"	"	7+3764	
"	"	3	"	24"	"	17+823	
N.P.	68013	4	"	24"	"	32+3550	
"	"	4	"	24"	"	47+4256	
"	"	4	"	24"	"	71+4789	
		47	"	24"	=	376 ft. @ 1.60	601.60

Amount of this Bill

\$601.60

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies add
freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

25850# cement from Bellingham @ 5¢ cwt.

2115# mesh reinforcing from St.Paul @ 90¢ "

1123# reinforcing rods " " @ 90¢ "

FINISHED PRODUCT:

152985# concrete pipe from Auburn to Parkwater @

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Engineer Maintenance of Way.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

P. A. E. - T. - #485

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918-

E.D. No.

2490

July 30th, For concrete pipe shipped to J.E. Craver, Stampede, Wash.,
for culvert at M.P. 51+1064. JEC. #244. ST. #3828.

1918 - July 17 - N.P. 68164 - 3 pos. 36" pipe = 24 ft. @ 2.10 50.40

Amount of this Bill

\$50.40

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint accounts show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

2400# cement from Bellingham @ 5¢ cwt.

183# mesh reinforcing from St. Paul @ 90¢ "

102# reinforcing rods " " @ 90¢ "

FINISHED PRODUCT:

14100# concrete pipe from Auburn to Stampede @

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Engineer Maintenance of Way.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

P. A. E. - T. - 486

Mem. No.

191

1918-

E.D. No.

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

July 31st, For concrete pipe shipped to J.L.DeForce, Parkwater,
Wash., for following culverts: JLD. #235. ST. #4196.

1918 - June 25	- Eric 9612	- 6 pcs.	24" - H.P.	76+440
" "	" "	- 3 "	24" - "	72+4907
	D&HCo 8489	- 4 "	24" - "	8+3680
	" "	- 5 "	24" - "	8+4722
	L&N. 25826	- 4 "	24" - "	27+2000
	" "	- 3 "	24" - "	30+2000
	" "	- 4 "	24" - "	36+2093

29 pcs. 24" = 232 ft. @ 1.60

371.20

Amount of this Bill

\$371.20

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies add
freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint accounts show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

15950# cement from Bellingham @ 5¢ cwt.

1305# mesh reinforcing from St. Paul @ 90¢ "

696# reinforcing rods " " @ 90¢ "

FINISHED PRODUCT:

94295# concrete pipe from Auburn to Parkwater @

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE
P. A. E. - T. - #487 Department
Order No. 191
Mem. No. RMW-T- TO Engineering Department, Dr.
1918- E.D. No. 2492 (Auburn Concrete Plant)

July 30th, For concrete pipe shipped to James Shannon, Pasco., Wash., for following culverts: J.S. #312. S.T. #5664.

1918 - June 26 - C.V.	9585- 8 pcs.	36" M.P.	35+4925	
	C. & A.	24210- 9 "	36" "	37+1963
July 10 - C.B. & Q.	89323- 6 "	36" Bridge	#98	
" " "	89323- 3 "	36" M.P.	14+256	
	26 "	36" = 208 ft.	@ 2.10	436.80
Amount of this Bill				\$436.80

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint Operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

RAW MATERIAL:

20800# cement from Bellingham @ 5¢ cwt.
1586# mesh reinforcing from St. Paul @ 90¢ "
884# reinforcing rods " " @ 90¢ "

FINISHED PRODUCT:

122200# concrete pipe from Auburn to Pasco @

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Engineer Maintenance of Way

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

P. A. E. - T. - #488

Mem. No.

EMW-T-

TO

Engineering

Department, Dr.

(Auburn Concrete Plant)

191

1918-

E.D. No.

2493

July 30th, For concrete pipe shipped to James Shannon, Yakima, Wash., for following culverts: JS. #313 - ST. #5629.

1918 - July 8 - NP. #65294 - 3 pcs. 36" - 3 ta. 557+02

" " " " 6 " 36" - " 212+79

July 10 - MSC. #692 - 3 " 36" - " 199+78

" " CI&L. 14111-8 " 36" - " 131+62.5

25 " 36" - 200 ft. @ 2.10

420.00

Amount of this Bill

\$420.00

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

RAW MATERIAL:

20000# cement from Bellingham @ 5¢ cwt.

1525# mesh reinforcing from St. Paul @ 90¢ "

850# reinforcing rods " " @ 90¢ "

FINISHED PRODUCT:

117500# concrete pipe from Auburn to Yakima @

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Engineer Maintenance of Way

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

PAE-T-499

TO

Engineering

Department, Dr.

191

E.D. No.

(Auburn Concrete Plant)

1918-

2494

Aug. 15th, For concrete pipe shipped to W.C. Albee, Kelso, Wash.,
for culvert at H.P. 90+2245. ST #2344. WCA #102.

1918-

Aug. 3rd., H.P. 68499 - 5 pcs. 24" = 40 ft. @ 1.60

64.00

Interest on Investment @ 2.453%

1.57

Amount of this Bill

\$65.57

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint accounts show
weights so freight charges can be added
as called for in contract.

FREIGHT ON RAW MATERIAL:

2750# cement from Bellingham @ 5¢ cwt.

225# mesh reinforcing from St. Paul @ 90¢ "

120# reinforcing rods " " @ 90¢ "

FREIGHT ON FINISHED PRODUCT:

16275# concrete pipe from Auburn to Kelso @

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK

Principal Assistant Engineer.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

PAE-T-

TO

Engineering

Department, Dr.

191

1918-

E.D. No.

2495

(Auburn Concrete Plant)

Aug. 15th, For concrete pipe shipped to James Shannon, Yakima, Wash., for following culverts: ST #5629. JS #313.

1918-

July 29 - G.N. 62923	- 3 pos 24"	- culvert Sta. 432+22	
"	3 " 24"	" " "	436+04
"	3 " 24"	" " "	473+47
"	4 " 24"	" " "	529+50
N.P. 62336	3 " 24"	" " "	125+47
"	3 " 24"	" " "	375+71
Aug. 2 - N.P. 69041	3 " 24"	" " "	290+15
"	3 " 24"	" " "	549+95
"	3 " 24"	" " "	707+09
"	3 " 24"	" " "	749+24
N.P. 205498	4 " 24"	" " "	531+24
"	3 " 24"	" " "	644+50
"	3 " 24"	" " "	169+88
N.P. 64593	3 " 24"	" " "	260+12

44 " 24" = 352 ft. @ 1.60

563.20

Amount of this Bill

563.20

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

24200# cement from Bellingham @ 5¢ cwt.

1980# mesh reinforcing from St. Paul @ 90¢ "

1056# reinforcing rods " " @ 90¢ "

FREIGHT ON FINISHED PRODUCT:

143220# concrete pipe from Auburn to Yakima @

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Principal Assistant Engineer

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No. PAB-T-499

TO

Engineering

Department, Dr.

191

1918-

E.D. No.

2496

(Auburn Concrete Plant)

Aug. 15th, For concrete pipe shipped to James Shannon, Yakima, Wash.,
for following culverts: ST #5629. JS #313.

1918-

Aug. 2 - N.P. 64593 - 5 pcs. 36" - culvert Sta. 225+79

N.P. 62346 - 8 " 36" - " " 356+47

13 " 36" = 104 ft. @ \$2.10

216.40

Amount of this Bill

\$218.40

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

FREIGHT ON RAW MATERIAL:

10400# cement from Bellingham @ 5¢ cwt.

793# mesh reinforcing from St. Paul @ 90¢ "

442# reinforcing rods " " @ 90¢ "

FREIGHT ON FINISHED PRODUCT:

61100# concrete pipe from Auburn to Yakima @

I certify that the above account is correct:

(Signed) A. R. COOK.

Bill as rendered, correct:

Principal Assistant Engineer

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

P. A. E. - T. - 500

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918-

E.D. No.

2497

Aug. 15th, For concrete pipe shipped to W.C. Albee, Nisqually, Wash.,
for following culverts: WCA #102 - ST #2324.

1918-

Aug. 7th, CBAQ #90537 - 6 pcs. 24" - M.P. 17+4680

7	"	24" - "	18+1552	
13	"	24" = 104 ft.	@ \$1.60	166.40

Interest on Investment @ 2.453%	4.08
---------------------------------	------

Amount of this Bill	\$170.48
---------------------	----------

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

FREIGHT ON RAW MATERIAL:

7150# cement from Bellingham @ 5¢ cwt.

585# mesh reinforcing from St. Paul @ 90¢ "

392# reinforcing rods " " @ 90¢ "

FREIGHT ON FINISHED PRODUCT:

42315# concrete pipe from Auburn to Nisqually @

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Principal Assistant Engineer

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STONE

Department

Order No.

Mem. No.

PAE-T-501

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918-

E.D. No.

2498

Aug. 15th, For concrete pipe shipped to J.E. Craver, for following
culverts: JEC #259 - 264 - 251. ST #3839-3844-3833.

1918-

Aug. 7th, ACL 73608 - Woodinville - 4 pos. 24" - M.P. 3+2325
CANW 55327 - Menohon - 5 " 24" - " 14+1230
Penn 930021 - Montborne - 8 " 24" - " 77+2302
17 " 24" - "
136 ft. @ 1.60

217.60

Amount of this Bill

\$217.60

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight charges at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

FREIGHT ON RAW MATERIAL:

9350# cement from Bellingham @ 5¢ cwt.
765# mesh reinforcing from St. Paul @ 90¢ "
408# reinforcing rods " " @ 90¢ "

FREIGHT ON FINISHED PRODUCT:

13020# concrete pipe from Auburn to Woodinville @
16275# " " " " " Menohon @
26040# " " " " " Montborne @

I certify that the above account is correct:

(Signed) A. R. COOK.

Bill as rendered, correct:

Principal Assistant Engineer.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No. PAE-T-502

TO

Engineering
Auburn Concrete Plant)

Department, Dr.

191

1918-

E.D. No.

2499

Aug. 15th. For concrete pipe shipped to J.A. Craver, for following culverts: JEC #238-265-260. ST #3824-3845-3840.

1918-

August 7- CHW 55327 - Fall City 1 pc. - 36" - Sta. 1522+81
 " " - Snoqualmie 4 " - 36" @ M.P. 57+1457
 AGL 73608 - Woodinville 4 " - 36" - " 3+4457
 9 " - 36" = 72 ft. @ 2.10

151.20

Amount of this Bill

\$151.20

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

7200# cement from Bellingham @ 5¢ cwt.
 549# mesh reinforcing from St. Paul @ 90¢ "
 306# reinforcing rods " " @ 90¢ "

FREIGHT ON FINISHED PRODUCT:

4700# concrete pipe from Auburn to Falls City @
 18800 " " " " " Snoqualmie @
 18800 " " " " " Woodinville @

I certify that the above account is correct:

(Signed) A. R. COOK

Bill as rendered, correct:

Principal Assistant Engineer

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

PAE-T-

TO

Engineering

Department, Dr.

191

1918-

E.D. No. 2,560

(Auburn Concrete Plant)

August 15th, For concrete slabs, piling and reinforcing rods shipped to J.E. Craver, Lester, Wash., for bridge at M.P. 61+273. ST #5527 - JEC #295.

1918-

July 31st - MP 66650 - 2 single track slabs

" 63479 - 2 " " "

Southern 30255 - 2 " " "

6 " " " @ 135.00

810.00

Aug. 2nd. MCR 7468 10 pcs. 20' piles

CGW 3397 10 " 20' "

20 " 20' " = 400 ft. @ 1.60

640.00

Aug. 2nd. CGW 3397- 23 pcs. 1"x35' rd.reinforcing rods- 805'

8 " 1"x17'6" do. 140'

8 " 1"x14'6" " 116'

1061' @ 1.50/ = 1592/ @ .0347

55.24

80 pcs. 1"x6'6" sq.reinf.rods =

520' @ 1.91/ = 993/ @ .0347

34.46

52 pcs. 1"x17'6" rd.reinf.rods =

910' @ .671/ = 611/ @ .03627

22.10

Amount of this Bill

\$ 1561.80

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

40880# cement from Bellingham @ 5¢ cwt.

15986# reinforcing rods from St. Paul @ 90¢ "

FREIGHT ON FINISHED PRODUCT:

199800# concrete slabs from Auburn to Lester

86000# " piles " " " "

I certify that the above account is correct:

(Signed) A. R. COOK.

Bill as rendered, correct:

Principal Assistant Engineer

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

P. A. E. - T. - 483

TO

Engineering

Department, Dr.

191

1918-

E.D. No.

2488

(Auburn Concrete Plant)

July 31st, For concrete pipe shipped to J.R. Craver, Stampede, Wash.,
for culvert at M.P. 48+4530. JBC. #544. TA. #2277
A.P.E. E.D. #63-1918.

1918- July 16- M.P. 39259 - 9 pcs. 36" pipe

" " 17- " 68164 - 3 " 36" "

12 pcs. 36" pipe = 96 ft. @ 2.10

201.60

Amount of this Bill

\$201.60

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

9600# cement from Bellingham @ 5¢ cwt.

732# mesh reinforcing from St. Paul @ 90¢ "

408# reinforcing rods " " @ 90¢ "

FINISHED PRODUCT:

56400# concrete pipe from Auburn to Stampede @

I certify that the above account is correct:

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORY

Department

Order No.

P. A. E. - T. - 1

Mem. No.

EW-T-

TO

Engineering

(Auburn Concrete Plant)

Department. Dr.

191

1918-

E.D. No.

2487

July 30th. For concrete pipe shipped to James Shannon, Yakima, Wash.,
for following culverts: J.B. #313. S.T. #5629.

1918. July 20 - N.P. 67984 - 4 pcs. 24" - Sta. 319+24
" " 4 " 24" " 328+50
" " 4 " 24" " 427+08

12 " 24" = 96 ft. @ 1.60

153.60

Amount of this Bill

8153.60

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

RAW MATERIAL:

6600# cement from Bellingham @ .05 cwt.

540# mesh reinforcing from St. Paul @ 90¢ cwt.

288# reinforcing rods " " @ 90¢ "

FINISHED PRODUCT:

39060# concrete pipe from Auburn to Yakima

I certify that the above account is correct:

L. M. PERKINS.

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

P. A. E. - T. - 481

Mem. No.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918-

E.D. No.

2486

July 30th, For concrete pipe shipped to J.L. DeForce, Parkwater,
Wash., for following culverts: JLD. #235: ST. #4196.

1918- July 10 - NYCAHR #31730 - 3 pcs. 24" - M.P. 26+2202	
" " 3 " 24" - " 37+3392	
" " 3 " 24" - " 72+783	
" " 3 " 24" - " 72+2270	
L. & N. 21385 4 " 24" - " 72+2828	
" " 8 " 24" - " 108+4023	
24 " 24" = 192 ft. @ 1.60	38.40
Amount of this Bill	\$307.20

If material chargeable to Additions and Betterments
add freight on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight
at tariff rate, as below.

If chargeable to joint operating accounts do not
include freight in the bill, but when reporting
for joint accounts show weights so freight
charges can be added as called for in contract.

RAW MATERIAL:

13200# cement from Bellingham @ 5¢ cwt.
1080# mesh reinforcing from St. Paul @ 90¢ "
576# reinforcing rods " " @ 90¢ "

FINISHED PRODUCT:

78120# concrete pipe from Auburn to Parkwater @

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Engineer Maint.

Officer who rendered

UNITED STATES RAILROAD ADMINISTRATION

W. G. MCADOO, DIRECTOR GENERAL OF RAILROADS

NORTHERN PACIFIC RAILWAY

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

PAE-T-538

TO

Engineering

Department, Dr.

191

1918-

F.D. No.

2443

Sept. 23rd., For value of material furnished by American Steel & Wire Company, Chicago, Ill., for use at Auburn Concrete Plant, as per their invoice dated August, 14th, 1918, as follows:

Plain concrete reinforcement			
366.66 sq. ft.	Style #153		
	32-300-ft. rolls	44" wide	237.82
	2-200 "	" 44" "	9.67
400.00 ft.	Style #153		
	32-300-ft. rolls	48" wide	258.47
	2-200 "	" 48" "	10.82
			<u>516.78</u>
766.66 sq. ft.	@ 3.14 per 100 sq. ft.		2407.31
	Less 2% - 10 days		<u>48.15</u>
	Plus 1% Purchase Expense		<u>23.59</u>
	Amount of this Bill		<u>\$2382.75</u>

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here

Officer who renders bill sign here.

UNITED STATES RAILROAD ADMINISTRATION

Form 286X Small [2-5-18 5M RP

W. G. MCADOO, DIRECTOR GENERAL OF RAILROADS

NORTHERN PACIFIC RAILWAY

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

PAE-T-537

TO

Engineering

Department, Dr.

191

1918-

2442 (Auburn Concrete Plant)

Sept. 23rd., For value of cement furnished by Washington Portland Cement Company, Seattle, Wash., for use at Auburn Concrete Plant, as per their invoice dated September 14th, 1918, as follows:

173 Bbls. Washington Portland Cement @ 2.62 per bbl.,	
f.o.b. Auburn, including sacks	453.26
Less 5¢ per bbl.	<u>8.65</u>
	444.61
Plus 1% Purchase Expense	<u>4.45</u>
Amount of this Bill	\$449.06

APPROVED

A. R. COOK

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Principal Assistant Engineer.

Officer against whom bill is rendered will sign here

Officer who renders bill sign here.

UNITED STATES RAILROAD ADMINISTRATION

W. G. MCADOO, DIRECTOR GENERAL OF RAILROADS

NORTHERN PACIFIC RAILWAY

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

PAB-T-536

TO

Engineering

Department, Dr.

191

1918-

2441

(Auburn Concrete Plant)

Sept. 23rd., For value of cement furnished by Washington Portland Cement Company, Seattle, Wash., for use at Auburn Concrete Plant, as per their invoice dated September 9th, 1918, as follows:

173 Bbls. Washington Portland Cement @ 2.62 per bbl.,		
f.o.b. Auburn, including sacks	453.23	
Less 5¢ per bbl.	<u>8.65</u>	444.61
Plus 1% Purchase Expense		<u>4.45</u>
Amount of this Bill		\$449.06

APPROVED

H. E. STEVENS

Chief Engineer

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK

Principal Assistant Engineer

Officer against whom bill is rendered will sign here

Officer who renders bill sign here

UNITED STATES RAILROAD ADMINISTRATION

W. G. MCADOO, DIRECTOR GENERAL OF RAILROADS

NORTHERN PACIFIC RAILWAY

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

PAR-T-535

TO

Engineering

Department, Dr.

(Auburn Concrete Plant)

191

1918-

E.D. No.

2440

Sept. 23rd., For value of cement furnished by Washington Portland Cement Company, Seattle, Wash., for use at Auburn Concrete Plant, as per their invoice dated September 1st, 1918, as follows:

173 Bbls Washington Portland Cement, @ 2.62 per bbl.,

f.o.b. Auburn, including sacks	453.26	
Less 5¢ per bbl.	<u>8.63</u>	444.63
Plus 1% Purchase Expenses		<u>4.45</u>
Amount of this Bill		\$449.08

APPROVED:

H. E. S. EVENS

Chief Engineer

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK,

Principal Assistant Engineer

Officer against whom bill is rendered will sign here

Officer who renders bill sign here.

UNITED STATES RAILROAD ADMINISTRATION

W. G. MCADOO, DIRECTOR GENERAL OF RAILROADS

Form 286X Small 12-5-18 5M RP

NORTHERN PACIFIC RAILWAY

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

PAE-T-534

TO

Engineering

Department, Dr.

191

1918-

ED. M.

2439 (Auburn Concrete Plant)

Sept. 23rd., For value of cement furnished by Washington Portland Cement Company, Seattle, Wash., for use at Auburn Concrete Plant, as per their invoice dated September 12th, 1918, as follows:

173 Bbls Washington Portland Cement @ 2.62 per bbl., f.o.b.
Auburn, including sacks 453.26

Less 5¢ per bbl., 8.66 444.61

Plus 1% Purchase Expense 4.45

Amount of this Bill \$449.06

APPROVED

H. E. STEVENS

Chief Engineer

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Principal Assistant Engineer.

Officer against whom bill is rendered will sign here

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

TO

ENGINEERING
(Auburn Concrete Plant)

Department, Df.

191

E.D. No.

2419

October 1918: For labor furnished at Auburn Concrete Plant during September, 1918.

Engineer	208 hrs.	@ 5.37 da.	137.02
Steelmen	376 "	@ 5.00 "	235.00
Form-men	192 "	@ 4.75 "	114.00
Pumpmen	240 "	@ 4.50 "	135.00
Concrete Moulders	1036 "	@ 4.50 "	<u>582.75</u>

AMOUNT OF THIS BILL \$1293.77

APPROVED:

H. E. STEVENS,

Chief Engineer.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

W. C. MCADAM, DIRECTOR GENERAL

NORTHERN PACIFIC RAILROAD

STORE

Department

Order No.

Mem. No.

191

ENV-T-392

TO

Engineering

Department, Dr.

(Auburn Concrete Plant)

1918-

B.D. No.

V304

June 6th, For concrete pipe shipped to J.L.DeForce, Parkwater, Wash., for Bridge #19. J.L.D. #235. S.T. #4196.

1918 - May 27 - C.P. 334453.

8 pos. 36" pipe = 64 ft. @ 2.10 134.40

Amount of this Bill

\$134.40

If material chargeable to Additions and Betterments add freight charges on raw material at x 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

6400# cement from Bellingham	@ 5¢
488# mesh reinforcing from St. Paul	@ 90¢
272# reinforcing rods " "	@ 90¢

FREIGHT ON FINISHED PRODUCT:

37600# concrete pipe from Auburn to Parkwater

I certify that the above account is correct:

L. M. PERKINS

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

W. G. MCADCO, DIRECTOR GENERAL OF RAILROADS
NORTHERN PACIFIC RAILROAD

STORE

Department

Order No.

Mem. No.

191

MEM-T-391

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918-

E.D. No. 7303

June 6th, For concrete pipe shipped to J.L. DeForce, Parkwater,
Wash., for culvert at M.P. 72+634. JLD #235. ST #4196.1918 - May 31st: A.C. & L. 75478 - 8 pos 36" pipe = 64 ft. @ 2.10 134.40

Amount of this Bill

\$134.40

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.If chargeable against outside companies
add freight at tariff rate, as below.If chargeable to Joint Operating accounts -
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.FREIGHT ON RAW MATERIAL:

6400# cement from Bellingham	@	5¢ cwt.
488# mesh reinforcing from St. Paul	@	90¢ "
272# reinforcing rods " "	@	90¢ "

FREIGHT ON FINISHED PRODUCT:

37600# concrete pipe Auburn to Parkwater

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS

Engineer Maintenance of Way

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

NORTHERN PACIFIC RAILROAD

STORE

Department

Order No.

Mem. No.

191

HW-T-390

TO

Engineering

Department, Dr.

1918-

E.D. No.

731✓

(Auburn Concrete Plant)

June 6th, For concrete pipe shipped to J.L.DeForce, Parkwater,
Wash. J.L.D. #235. S.T. #4196.

1918

May 31st. I.C. 66701 - 3 pcs 36" pipe for culvert at M.P. 12+1144

" " " " 3 " 36" " " Bridge #89

8 " 36" " = 64 ft. @ 2.10 134.40

Amount of this Bill

\$134.40

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

FREIGHT ON RAW MATERIAL:

6400# cement from Bellingham @ 5¢ cwt.

438# mesh reinforcing from St. Paul @ 90¢ "

272# reinforcing rods " " @ 90¢ "

FREIGHT ON FINISHED PRODUCT:

37600# concrete pipe Auburn to Parkwater

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS.

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

W. G. MCARD CO., DIRECTOR GENERAL OF RAILROADS
NORTHERN PACIFIC RAILROAD

STORE

Department

Order No.

Mem. No.

191

ENV-T-389

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918-ED No.

7301

June 6th, For concrete pipe shipped to J.L.DeForce, Parkwater,
Wash. J.L.D. #235. S.T. #4196.

1918-

June 1st. NP 69952 - 2 pcs. 24" pipe for culvert M.P. 45+70

2 " 24" " " " M.P. 45+5220

2 " 24" " " " M.P. 6+1446

NP 62448 - 9 " 24" " " " M.P. 45+2350

15 " 24" " = 120 ft. @ 1.60 192.00

Amount of this Bill

\$192.00

If material chargeable to Additions and
Betterments add freight charges on raw material
at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

FREIGHT ON RAW MATERIAL:

8250# cement from Bellingham @ 5¢ cwt.

675# mesh reinforcing from St. Paul @ 90¢ "

360# reinforcing rods " @ 90¢ "

FREIGHT ON FINISHED PRODUCT:

48825# concrete pipe Auburn to Parkwater

I certify that the above account is correct:

Bill as rendered, correct:

L. W. PERKINS

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

UNITED STATES RAILROAD ADMINISTRATION
W. G. RAILROAD

NORTHERN PACIFIC RAILROAD

STORE

Department

Order No.

Mem. No.

191

RMV-T-

388

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918-

V 360

June 6th, For concrete pipe shipped to W.C. Sloan, North Prosser,
Wash., for irrigation crossing. WCB #279. ST #3545.
F.226-1918.

1918 - May 29 - N.C. & N.R. 26400 - 8 pcs. 24" pipe = 64 ft. @ 1.60 102.40

Amount of this Bill

\$102.40

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

FREIGHT ON RAW MATERIAL:

4400# cement from Bellingham	@ 5¢ cwt.
360# mesh reinforcing from St. Paul	@ 90¢ "
192# reinforcing rods " "	@ 90¢ "

FREIGHT ON FINISHED PRODUCT:

26040# concrete pipe Auburn to North Prosser

I certify that the above account is correct:

L. M. PERKINS.

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

UNITED STATES RAILROAD ADMINISTRATION
W. E. MCLEOD, DIRECTOR GENERAL OF RAILROADS
NORTHERN PACIFIC RAILROAD

STORE

Department

Order No.

Mem. No.

191

EMW-T-

387

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

1918-

RD No. 2299

June 6th, For concrete pipe shipped to J.W. Allen, Tacoma, Wash.,
for track changes and bulkhead at Tacoma Smelter.
J.W.A. #886. ST #47. P.3092-17.

1918 - May 27 - C. & O. 11612 - I.M. 76378.

12 pos. 36" pipe - 96 ft. @ 2.10 201.60Amount of this Bill \$201.60

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

FREIGHT ON RAW MATERIAL:

9600# cement from Bellingham @ 5¢

732# mesh reinforcing from St. Paul @ 90¢

408# reinforcing rods " " @ 90¢

FREIGHT ON FINISHED PRODUCT:

56400# concrete pipe from Auburn to Tacoma @

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

W. G. MCADCO, DIRECTOR GENERAL CARRIAGE
NORTHERN PACIFIC RAILROAD

STORE

Department

Order No.

Mem. No.

191

ENV-T-386

TO

Engineering

Department, Dr.

1918-

P. D. No.

2298

(Auburn Concrete Plant)

June 6th, For concrete pipe shipped to W.C. Albee, Olympia, Wash.,
for culvert at M.P. 13+3521. W.C.A. #102. S.T. #2344.

1918-

June 1st, NP 64559 - 3 pcs. 36" pipe = 40 ft. @ 2.10

84.00

Amount of this Bill

\$84.00

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

FREIGHT ON RAW MATERIAL:

4000# cement from Bellingham @ 5¢ cwt.

305# mesh reinforcing from St. Paul @ 90¢ "

170# reinforcing rods " " @ 90¢

FREIGHT ON FINISHED PRODUCT:

23500# concrete pipe Auburn to Olympia

I certify that the above account is correct:

L. M. PERKINS

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

ENV-T-

385

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918-

E.D. No.

2297

June 6th. For concrete pipe shipped to W.C. Albee, Kanaskat, Wash.,
for culvert at M.P. 1+673. WCA #102. ST #2344.

1918 - May 27 - I.C. 67666:

5 pcs. 24" pipe = 40 ft. @ 1.60	64.00
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Amount of this Bill	\$64.00
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If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

FREIGHT ON RAW MATERIAL:

2750# cement from Bellingham @ 5¢ cwt.

225# mesh reinforcing from St. Paul @ 90¢ "

120# reinforcing rods " " @ 90¢ "

FREIGHT ON FINISHED PRODUCT:

16275# concrete pipe from Auburn to Kanaskat

I certify that the above account is correct:

L. M. PERKINS

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Engineer Maintenance of Way

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

UNITED STATES RAILROAD ADMINISTRATION
NORTHERN PACIFIC RAILROAD

STORE

Department

Order No.

Mem. No.

191

ENV-T-425

TO

Engineering

Department, Dr.

1918-

No. 7349

(Auburn Concrete Plant)

June 27th, For concrete pipe shipped to W.C. Albee, Yacolt, Wash.,
W.C.A. #102. S.T. #2344.

1918- June 12 - NYC 497329 (For MP 22+1916) 5 pcs. 36"

" " 12 - " " " 25+4473) 4 " 36"

9 pcs. 36" pipe = 72 ft. @ \$2.10

151.20

Amount of this Bill

\$151.20

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

FREIGHT ON RAW MATERIAL:

7200# cement from Bellingham @ 5¢ cwt.

549# mesh reinforcing from St. Paul @ 90¢ "

306# reinforcing rods " " @ 90¢ "

FREIGHT ON FINISHED PRODUCT:

42300# concrete pipe from Auburn to Yacolt @

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS,

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

NORTHERN PACIFIC RAILROAD

STORE

Department

Order No.

Mem. No.

191

EMW-T-424

TO

Engineering

Department, Dr.

1918-

7348 (Auburn Concrete Plant)

June 27th, For concrete pipe shipped to W.C. Albee, Nisqually, for culvert at M.P. 22+83, WCA #102. ST #2344.

1918- June 1- NP 63814 - 7 pcs. 36"

" 62206 - 7 " 36"

" 62565 - 7 " 36"

21 " 36" pipe = 168 ft. @ 2.10 352.80

Interest on Investment @ 2.453% 8.65

Amount of this Bill \$361.45

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

16800# cement from Bellingham @ 5¢ cwt.

1281# mesh reinforcing from St. Paul @ 90¢ "

714# reinforcing rods " " @ 90¢ "

FREIGHT ON FINISHED PRODUCT:

98700# concrete pipe from Auburn to Nisqually @

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS,

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

W. G. MEAD CO., DIRECTOR GENERAL
NORTHERN PACIFIC RAILROAD

STORE

Department

Order No.

Mem. No.

191

MEM-T- 423

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918-

7347

June 27th, For concrete pipe shipped to F.M.Finch, (Camas Prairie Railroad) Riparia, Wash. T.N.F. #1973. T.S.T. #451P.

1918, May 27-	CANW	#52687-	7	pcs	24"	-	MP.51+4225	
			5	"	24"	-	"	54+2469
1918, " 29-	NYC	497130-	11	"	24"	-	"	16+1838
	Erie	9648-	7	"	24"	-	"	26+2568
	NP	66572-	9	"	24"	-	"	27+329
	Erie	9648-	4	"	24"	-	"	27+329
	NP	66576-	3	"	24"	-	"	27+329
	CB&Q	89319-	5	"	24"	-	"	56+1570
	"	89319-	7	"	24"	-	"	63+699
1918, May 31-	LAN	21179-	10	"	24"	-	"	26+3459
	UP	54801-	3	"	24"	-	"	27+2286
	LAN	21179-	2	"	24"	-	"	27+2286
	UP	54801-	3	"	24"	-	"	28+1010
	CANW	50743-	5	"	24"	-	"	28+1010
	UP	54801-	6	"	24"	-	"	27+4604
	CANW	50743-	7	"	24"	-	"	29+4712
	GN	63023-	13	"	24"	-	"	30+4179
			107	"	24"	=	856 ft. @ \$1.60	1369.60
							Interest on Investment @ 2.453%	33.60

Amount of this Bill

\$1403.20

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

58850# cement from Bellingham	@ 5¢ cwt.
4815# mesh reinforcing from St. Paul	@ 90¢ "
2568# reinforcing rods	@ 90¢ "

FREIGHT ON FINISHED PRODUCT:

348285# concrete pipe from Auburn to Riparia @

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS,

Engineer Maintenance of Way,

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

191

RMV-T- 422

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

1918-

Bill No. 7346

June 27th, For concrete pipe shipped to J.L.DeForce, Parkwater,
Wash., J.L.D. #235. S.T. #4196.

1918-

June 12 - S.P. #59146 - 3 pcs 36" - M.P. 107+1680

5 " 36" - " 118+3837

8 " 36" = 64 ft. @ \$2.10

134.40

Amount of this Bill

\$134.40

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

FREIGHT ON RAW MATERIAL:

6400# cement from Bellingham @ 5¢ cwt.

488# mesh reinforcing from St. Paul @ 90¢ "

272# reinforcing rods " " @ 90¢ "

FREIGHT ON FINISHED PRODUCT:

37600# concrete pipe from Auburn to Parkwater @

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS.

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

NORTHERN PACIFIC RAILROAD

STORE

Department

Order No.

Mem. No.

191

RMV-T-421

TO

Engineering

Department, Dr.

1918-

BID. No.

7345

(Auburn Concrete Plant)

June 17th, For concrete pipe shipped to J.L.DeForce, Parkwater,
Wash., J.L.D. #235. S.T. #4196.

1918-

June 10- G.R. & S.A. #21974 - 3 pos. 24" - M.P. 14+4860

1 " 24" - " 15+168

3 " 24" - " 15+2147

3 " 24" - " 15+2652

2 " 24" - " 20+4970

N.P. #63764 2 " 24" - " 20+4970

3 " 24" - " 21+1081

5 " 24" - " 8+2554

June 12- G.R. & I. #883 5 " 24" - " 29+1945

C.V. #9572 11 " 24" - " 108+4778

38 " 24" = 304 lin.ft. @ 1.60 486.40

Amount of this Bill

\$486.40

If material chargeable to Additions and
Bettements add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rates, as below

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract

FREIGHT ON RAW MATERIAL:

20900# cement from Bellingham @ 5¢ cwt.

1710# mesh reinforcing from St. Paul @ 90¢ cwt.

912# reinforcing rods " " @ 90¢ cwt.

FREIGHT ON FINISHED PRODUCT:

123690# concrete pipe from Auburn to Parkwater @

I certify that the above account is correct:

L. M. PERKINS

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

RMV-T-384

TO

Engineering

Department, Dr.

1918-

E.D. No.

7296

(Auburn Concrete Plant)

June 6th, For concrete pipe shipped to W.C. Albee, Kanaskat, Wash., for culvert at M.P. 2+50. WCA #102. ST #2344.

1918- May 27th - I.C. 67666.

4 pcs. 24" pipe = 32 ft. @ 1.60 51.20

Amount of this Bill \$51.20

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

2200# cement from Bellingham @ 5¢

180# mesh reinforcing from St. Paul @ 90¢

96# reinforcing rods " " @ 90¢

FREIGHT ON FINISHED PRODUCT:

13020# concrete pipe from Auburn to Kanaskat

I certify that the above account is correct:

L. M. PERKINS

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

UNITED STATES RAILROAD ADMINISTRATION

W. G. MCADOO, DIRECTOR GENERAL OF RAILROADS

Form 286X Small 2-5-18 5M RP

NORTHERN PACIFIC RAILWAY

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

PAE-E-517

TO

Engineering

Department, Dr.

(Auburn Concrete Plant)

191

1918-

RD No

2289

August 28th, For value of material furnished during June, 1918,
for use at Auburn Concrete Plant, as per Come Store
Department AS&MA bill #1791, as follows:

Inv. 99384

C.3460.

54 sq.ft.brass wire netting @ .25 sq.ft.

13.50

3%

.41

Amount of this Bill

\$13.91

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK,

Principal Assistant Engineer

Officer against whom bill is rendered will sign here

Officer who renders bill sign here.

UNITED STATES RAILROAD ADMINISTRATION

W. G. MCADOO, DIRECTOR GENERAL OF RAILROADS

Form 286X Small 2-5-18 5M RP

NORTHERN PACIFIC RAILWAY

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No. PAR-T-

516

TO

Engineering

Department, Dr.

191

1918-

EDM

2288

(Auburn Concrete Plant)

August 28th, For amount of work train service loading concrete material at Auburn Concrete Plant in June, 1918, as per Puget Sound Division Operating Dept. bill #523, A.D. #17521, as follows:

Work Train:

June 15, Foreman C-8-0

@ 6.50

5.20

Helper 1-6-0

@ 8.175

9.88

Amount of this Bill

\$15.08

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

UNITED STATES RAILROAD ADMINISTRATION

W. G. MCADOO, DIRECTOR GENERAL OF RAILROADS

Form 286X Small 2-5-18 5M RP

NORTHERN PACIFIC RAILWAY

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

PAR-T-515

TO

Engineering

Department, Dr.

(Auburn Concrete Plant)

191

1918- E.D. No.

2287

August 28th, For value of material furnished during June, 1918,
for use at Auburn Concrete Plant, as per Brainerd
Store Dept. ASAMA bill #1758, as follows:

6/8 - B13949- CEM of W 1062- W.B. 260- Inv. 6-119.

St. Paul - 300' 3/4" wire rope - plow steel - 350# @ 21.28 cft. 63.84

Store Expense 3.19

Amount of this Bill \$67.03

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK,

Principal Assistant Engineer

Officer against whom bill is rendered will sign here

Officer who renders bill sign here.

UNITED STATES RAILROAD ADMINISTRATION

W. G. MCADOO, DIRECTOR GENERAL OF RAILROADS

Form 286X Small 2-5-18 5M RP

NORTHERN PACIFIC RAILWAY

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

PAB-T-

TO

Engineering

Department, Dr.

Auburn Concrete Plant)

191

1918-

M.D. No.

2296

August 28th, For amount of engine service furnished, loading concrete slabs at Auburn Concrete Plant, month of July, 1918, as per Puget Sound Division Operating Department bill #643, AS&NA #2281, as follows:

ENGINE 90:

7/30/18 - 0-9-0	@ 31.726	Service	22.94	
		Repairs	<u>5.61</u>	28.55

ENGINE 1073:

7/21/18 - 0-9-0	@ 30.619	Service	21.42	
		Repairs	<u>6.14</u>	27.56

Amount of this Bill	<u>\$56.11</u>
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I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Principal Assistant Engineer

Officer against whom bill is rendered will sign here

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

TO

ENGINEERING

Department, Dr.

(Glendive Concrete Plant)

September 24th:-

For value of material furnished Glendive Concrete Plant, as per the following invoices:-

JANNEY, SEMPLE, HILL & CO., dated 8-21-18
250 Sq. Ft. 2 x 2 Mesh #18 wire Plain Black wire Cloth @ .04 10.00

UNIVERSAL PORTLAND CEMENT CO., dated 8-26-18
Excess discount taken in payment of invoice August 2, 1918 11.55

H. W. JOHNS-MANVILLE CO., dated 8-24-18
10 sqs. 3-ply regal roofing CMI nails & cement
1 sq. rolls @ 2.45 sq. 24.50

MARSHALL-WELLS COMPANY, dated 8-21-18
1/12 Doz. #20 Zenith Hacko nail cutting saw 20" blade
@ \$17.30 doz. 1.44

PAANT RUBBER COMPANY, dated 8-29-18
1 Barrel Trinidad Asphalt 570 lbs. @ \$50.00 Ton 14.25
Less 2% 10 days .29
13.96

BLUE LIMESTONE COMPANY
August 1st, 1918
N.P. 57248 111300# Sands 39.75 cu. yds.
N.P. 57255 99100# " 35.40 " "
75.15 " " @ .40¢ 30.06

August 13th, 1918.
N.P. 58724 105700 # sand 37.75 cu. yds.
N.P. 57450 113000# " 40.36 " "
78.11 " " @ .40¢ 31.24

Plus 1% Store Expense 1.23
AMOUNT OF THIS BILL 123.98

CHARGE:-

Material & Supplies
Glendive Concrete Plant
Operation Account
Investment Account

97.78
26.20

123.98

APPROVED:

H. E. STEVENS,

Chief Engineer.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

UNITED STATES RAILROAD ADMINISTRATION

W. G. MCADAMS, DIRECTOR GENERAL OF RAILROADS

Form 286X Small 4-19-18 5M RP

NORTHERN PACIFIC RAILWAY

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No. P. A. E. -T- 519

Mem. No.

TO

Engineering
(Auburn Concrete Plant)

Department, Df.

191

1918. E.D. No. 2270

Aug. 31st, For Labor furnished at Auburn Concrete Plant during
August, 1918.

Plant Superintendent

1 mo. @ 160.00

160.00

Amount of this bill

\$160.00

*I certify that the above account is correct:**Bill as rendered, correct:*

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191 8

A.D. NO. 2260

TO

ENGINEERING

(Auburn Concrete Plant)

Department, Dr.

September 13th:- For labor furnished at Auburn Concrete Plant during
~~SEPTEMBER~~ August, 1918.

Engineer	270 hrs.	@5.27 da.	(8 hrs)	177.86
Steel men	504 "	5.00 "	8 "	315.00
Form-men	252 "	4.75 "	8 "	149.62
Pumpman	290 "	4.50 "	8 "	163.13
Concrete Moulders	1482 "	4.50 "	8 "	<u>833.63</u>

AMOUNT OF THIS BILL

\$1639.34

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No. P.A.E.-T- 490

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918-

E.D. No. 7733

Aug. 15th, For value of material furnished in May, 1918, for use
at Auburn Concrete Plant, as per Glendive Store Dept.
bill #529, AS&MA #1572, as follows:

A.P. & S.P. car 42871 - W.B. 202. 517.

7½ Rolls 9000 sq.ft. 48" Reinf. Mesh

7½ " 8250 " " 44" " "

17250 sq.ft. (St. Paul) 11565# @ 3.11 sq.ft. 536.48

Store Expense

5.36

Amount of this Bill

\$541.84

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK,

Principal Assistant Engineer.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.



NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No. PAR-T-

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918- E.D. No. 2231

August 21st. For value of cement furnished by Balfour, Guthrie & Co., Tacoma, Wash., as per their invoice dated August 6, 1918, for use at Auburn Concrete Plant, as follows:

289 bbls. "Olympic" cement @ 2.90 f.o.b. N.P.	
tracks Bellingham	838.10
Less 5¢ per bbl. - 10 days	<u>14.45</u> 823.65
Plus 1% Purchase Expense	<u>8.24</u>
Amount of this Bill	\$831.89

I certify that the above account is correct:

(Signed) A. R. COOK.

Bill as rendered, correct:

Principal Assistant Engineer.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

PAE-T-

TO

Engineering

Department, Dr.

(Auburn Concrete Plant)

191

1918-

ED. No.

2230

August 21st. For value of cement furnished by Balfour, Guthrie & Co., Tacoma, Wash., as per their invoice dated August 5th, 1918, for use at Auburn Concrete Plant, as follows:

173 bbls. "Olympic" cement @ 2.90 f.o.b. N.P.
tracks, Bellingham 501.70

Less 5¢ per bbl. - 10 days 8.65 493.05

Plus 1% Purchase Expense 4.93

Amount of this Voucher \$497.98

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK,

Principal Assistant Engineer

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No. P.A.E.-T-493

TO

Engineering

Department, Dr.

191

1918-

S.D. No.

2229

(Auburn Concrete Plant)

August 15th, For value of lumber furnished by Mutual Lumber Co.,
 Tenino, Wash., as per their invoice dated July 29,
 1918, for use at Auburn Concrete Plant, as follows:

63	pcs.	4x4-12	/1	Com. Ro.2	1008
55	"	" -14	"	"	1027
128	"	" -16	"	"	2731
42	"	" -18	"	"	1008
66	"	" -20	"	"	1760
16	"	" -22	"	"	469

8003 @ 22.50 180.07

Less 2% - 15 days

3.60

176.47

Plus 1% Purchase Expense

1.76

Amount of this Bill

\$178.23

I certify that the above account is correct:

Bill as rendered, correct:

(Signed) A. R. COOK.

Principal Assistant Engineer.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

ENV-T- 432

TO

Engineering

Department, Dr.

1918-

A. D. NO.

VVO8

(Auburn Concrete Plant)

July 5th, For amount of foreign line freight charges on material in connection with Auburn Concrete Plant, as per Material & Supplies - Freight Charges Dept. bill #124, A.D. #17209, as follows:

De Kalb, Ill., to St. Paul.

Way-bill CHG 167, 4/9/18, Pro. 10480, Car CHG 109253.

44 rolls W.W. Reinf.

34024# @ 14¢

47.63

War Tax

1.43

Amount of this Bill

\$49.06

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

ENR-T-435

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918- A.D. No. 7200

July 11th, For value of coal furnished in May, 1918, for use at
Auburn Concrete Plant, as per Fuel Stock Department
ASAMA bill #1671, as follows:

May 31 - 57765: .

104600# = 52.30 tons Roslyn mine-run coal @ 2.90 151.67Amount of this Bill \$151.67

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

EMV-T-464

TO

Engineering

Department, Dr.

191

1918- E.D. No.

2196

(Auburn Concrete Plant)

July 26th, For amount of back pay allowed employees at Auburn
Concrete Plant, as follows:

APRIL, 1918:

Engineer	21 days	@ 2¢	.42
----------	---------	------	-----

MAY, 1918:

Engineer	29 days	@ 2¢	<u>.58</u>
----------	---------	------	------------

Amount of this Bill	\$1.00
---------------------	--------

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS,

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

TO

ENGINEERING

Department, Dr.

1918

E.D. No.

7189

(Glendive Concrete Plant)

August 16th:-

For amount of back pay allowed employees at
Glendive Concrete Plant, as follows:-APRIL - 1918

Plant Foreman	8 da.	15.75 mo.	4.20
Hoisting Engineer	5 "	.87 da.	4.35
Steel Men	6.5 "	.33 da.	2.15
Form Men	19.5 da.	.73 da.	14.25
Concrete Moulders	32.5 da.	.17 da.	5.50
			<u>30.45</u>

MAY - 1918

Plant Superintendent	16 da	9.25 mo.	4.75
Plant Foreman	1 mo.	15.75 mo.	15.75
Hoisting Engineer	25 da.	.87 da.	21.75
Stationary #	10.5 da.	.73 da.	7.67
Steel Men	27.1 da.	.33 da.	8.94
Form Men	80.5 da.	.73 da.	58.75
Concrete Moulders	201.5 da.	.17 da.	34.26
			<u>151.91</u>

TOTAL AMOUNT OF THIS BILL

182.36

CHARGE:-

Material & Supplies
Glendive Concrete Plant
Operation Account

\$182.36

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

E. M. W.-T-

TO

Engineering
(Auburn Concrete Plant) Department, Dr.

1918.

E.D. No.

2127

July 31st, for labor furnished at Auburn Concrete Plant during July,
1918.

Plant Superintendent	1 mo. @ 160.00	160.00
Engineer	28 das. @ 4.77	133.56
steelmen	52 das. @ 4.50	234.00
Form-men	25 das. @ 4.25	110.50
Pumpman	31 das. @ 4.00	124.00
Concrete Moulders	148 das. @ 4.00	<u>592.00</u>

Amount of this bill

\$1354.06

I certify that the above account is correct:

Bill as rendered, correct:

L. W. PERKINS

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

E. M. W. - T. 468

TO

Engineering

Department, Dr.

191

1918-

M. D. No.

2167

(Auburn Concrete Plant)

July 31st, For drayage performed during the month of July, 1918,
by J.F. Meade, Auburn, as per his bill dated July 30,
1918, while hauling material from freight house to
concrete plant:

July 10, Hauling oil

2.00

Amount of this Bill

\$2.00

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

HMT-7-403

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918-E. D. No.

2140

June 13th, For amount of foreign line freight charges on material
in connection with Auburn Concrete Plant, as per
Material & Supplies, Freight charges, Dept. bill #61,
A.D. 17020:

DeKalb, Ill., to St. Paul.W.B. CNO 264, 3/16/18, Pro. 10511, Car LHSTL 1065.

6 blds plain wire
44 rolls W.W. Reinf.
Dunnage

33803#

30

33853# @ 14¢

47.39

War Tax

1.4248.81

Amount of this Bill

\$48.81

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

NEW-T-395

TO

1918- E.D. No. 2130

Engineering
(Auburn Concrete Plant)

Department, Dr.

June 7th, For value of material furnished during January, 1918,
for use at Auburn Concrete Plant, as per Come Store
Department ASAMA bill #31, as follows:

Inv. 26297:

400 pos. 3/8x56' reinforced rods 8138¢ @ 4.080¢ 332.03

5%

16.60

Amount of this Bill

\$348.63

I certify that the above account is correct:

L. M. PERKINS

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No. E. M. W. - T. 381

TO

Engineering

Department, Dr.

(Auburn Concrete Plant)

191

1918- B. D. No.

2109

June 7th, For value of coal furnished during March, 1918, for use at Auburn Concrete Plant, as per M. & S. Fuel Stock Department ASMA bill #1403, as follows:

N.P. Car 58379-

53 $\frac{600}{2000}$ tons Roslyn coal @ 2.90 154.57

Amount of this Bill

\$154.57

I certify that the above account is correct:

L. M. PERKINS

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

E. M. W.-T. 365

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191 1918-

R. D. No. 2103

May 29th, For amount of engine service furnished during April, 1918,
in connection with Auburn Concrete Plant, as per Puget
Sound Division Operating Dept. bill #401, ASAMA #1301½,
as follows:

Loading concrete slabs:

Engine 90 - April 8, 1918.

1-0-45

@

37.568

Service 28.27

Repairs 12.10

40.37

Amount of this Bill

\$40.37

I certify that the above account is correct:

L. M. PERKINS.

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

INV-T- 364

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918- A.D. No. 2101

May 28th, For value of material furnished during October, November, 1917 and April, 1918, in connection with Auburn Concrete Plant, as per South Tacoma Store Department bill #592, ASANA #1213, as follows:

Invoice 4-183 - TST 865 -

W.B. 01826, NP 24862, 4/25/18, Auburn:

1 pc. Smokestack screen, 3 openings to the inch,
10 ft. long 5 ft. wide St. Paul 135# @ 7.50c#

10.13

Invoice 4-369 - TST 1117 -

W.B. 126, NP 36845, 4/10/18, Auburn:

12 - 12" Hacksaw blades) St. Paul 25# @ .76dz .76

1/2 dz. 12" Flat files) @ 2.57dz 1.29

1/6 sq.ft. Belt lacing 1x4) @ .42sq.ft .07

3 Edwards 8-lever padlocks
with keys) @ 3.98dz .99

1 - 12" Monkey wrench) @ 10.53dz .88

3 - 1" Ells) @ 8.55c .26

3 - 1" Tees) @ 7.91c .24

1/2 dz. 1" couplings) @ 7.15c .43

1/2 dz. 1/2" ") @ 3.85c .23

3 - 1/2" Ells) @ 5.70c .17

3 - 1/2" Tees) @ 7.88c .24

10 gals H.L. oil So. Tacoma 60# @ 9.50cgl .95

1 - 10-gal can repaired " @ .70ca .70

30# Waste St. Paul 30# @ 12.04c# 3.61 10.82

Forward

20.95

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

RMV-T-364 (2)

TO

E. D. No.

2101

Engineering
(Auburn Concrete Plant)

Department, Dr.

Brought forward

20.95

Invoice 10-981 - TST 2613 -

V.B. 02033, NP 26668, 10/31/17, Auburn:

50 gals Car oil

St. Paul 600# @ 19.22 egal

9.61

Invoice 10-49 - TST 2353 -

V.B. 0390, NP 35554, 10/1/17, Auburn.

2 Bamboo brooms

St. Paul 5# @ 3.75 ds.

.96

Invoice 111-23 - TST 1696 -

V.B. 068, NP 26017, 11/24/17, Auburn:

24 pos. 1x10x16 816 320'

10 " 2x12x16 " 320'

12 " 1x 8x16 " 128'

6 " 3x 6x16 " 144'

P 2313

912' Centralia 2736# @ 19.00m'

17.33

Invoice 10-74 - TST 2353 -

V.B. 0439, NP 49010, 10/2/17, Auburn:

5 gals H.L. oil

St. Paul 30# @ 9.00 egal

.45

25# Waste

St. Paul 25# @ 10.500#

2.63

3.08

51.93

Plus 10% Store Expense

5.19

Amount of this Bill

\$57.12

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS,

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

ENV-T- 362

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191 1918- B.D. No. 7100

May 27th, For amount of work train service furnished during March, 1918, in connection with Auburn Concrete Plant, as per Puget Sound Operating Dept. bill #296, A.D. #16999, as follows:

Loading Concrete Tips:

Work Train - Foreman Keyser, Eng. 90:

3/11, Foreman	1-1-0	@	5.50	5.50	
Helper	2-2-0	@	4.625	<u>10.17</u>	15.67

Engine 90 - Foreman Keyser:

3/25, Foreman	0-8-0	@	5.00	4.00	
Helper	1-6-0	@	4.625	<u>7.41</u>	<u>11.41</u>

Amount of this Bill

\$27.08

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

ENV-T- 36/

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918- B.D. No. 7099

May 27th, For amount of repairs to pump, in January, 1918, as
per South Tacoma Store Dept. bill #597, ASANA #1201,
for use at Auburn Concrete Plant, as follows:

Inv. 1-501, W.B. 93, 1/19/18,
NP car 41856 - Auburn, Wash. TOT 3184.

1 Steam pump repaired - F 6348

37.11

Store Expense

3.71

Amount of this Bill

\$40.82

I certify that the above account is correct:

L. M. PERKINS.

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

MEM-T- 360

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918-E.D. No. 2098

May 28th, For amount of labor furnished during April, 1918, in connection with Auburn Concrete Plant, as per Puget Sound Division Operating Dept. bill #373, A.D. #17069, as follows:

Work Train - Apr. 6 - Load Concrete slabs:

Foreman	1-0-45 @	5.00	5.37	
Helper	1-0-45 @	4.625	<u>4.97</u>	<u>10.34</u>

Amount of this Bill

\$10.34

I certify that the above account is correct:

L. M. PERKINS

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

ENV-T-359

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191 1918- A.D. No. 2097

May 27th, For amount of Engine Service furnished during March, 1918,
in connection with Auburn Concrete Plant, as per Puget
Sound Division Operating Dept. bill #313, ASAMA #1281,
as follows:

Loading Concrete Pipe:

Engine 90 - Foreman Keyser:

March 11,	1-1-0	@ 40.711	Service	31.35	
			Repairs	<u>13.43</u>	44.78
" 25,	0-8-0	@ 40.711	Service	22.80	
			Repairs	<u>9.77</u>	<u>32.57</u>

Amount of this Bill

\$77.35

I certify that the above account is correct:

L. M. PERKINS

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

ENV-T-438

TO

Engineering

Department, Dr.

191

1918-11 D. No.

(Auburn Concrete Plant)

July 16th, For value of material furnished by Hunt & Mottet Co.,
Tacoma, as per their invoice dated July 6, 1918,
as follows:

1 pr. #3 Jaws for New Easy bolt clipper @ 3.50 ea.pr. 3.50

Less 2% - 15 days

.07 3.43

Plus 1% Purchase Expense

.03

Amount of this Bill

\$3.46

I certify that the above account is correct:

L. W. PERKINS.

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

RMV-T- 437

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

1918- E.D. No.

2041

July 16th, For value of material furnished by Seattle Hardware Co., Seattle, for use at Auburn Concrete Plant, as per their invoice dated July 10, 1918, as follows:

10 rolls - 500' - 1-ply Malthine paper @ 1.40 roll 14.00

Plus 1% Purchase Expense .14

Amount of this Bill

\$14.14

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS,

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

ENR-7- 436

TO

Engineering

Department, Dr.

191

1918- E. D. No.

2040

(Auburn Concrete Plant)

July 16th, For value of material furnished by Balfour, Guthrie & Co., Tacoma, for use at Auburn Concrete Plant, as per their invoice dated July 8, 1918, as follows:

400 Bbls "Olympic" cement @ 2.90 f.o.b. N.P.		
tracks, Bellingham	1160.00	
Less 5¢ per bbl - 10 days	<u>20.00</u>	1140.00
Plus 1% Purchase Expense		<u>11.40</u>
Amount of this Bill		\$1151.40

APPROVED:

H. E. STEVENS,

Chief Engineer

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS,

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

ENV-T- 362

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191 1918- E.D. No. 7100

May 27th, For amount of work train service furnished during March, 1918, in connection with Auburn Concrete Plant, as per Puget Sound Operating Dept. bill #296, A.D. #16899, as follows:

Loading Concrete Ties:

Work Train - Foreman Keyser, Eng. 90:

3/11, Foreman	1-1-0	@	5.50	5.50	
Helper	2-2-0	@	4.625	<u>10.17</u>	15.67

Engine 90 - Foreman Keyser:

3/25, Foreman	0-8-0	@	5.00	4.00	
Helper	1-6-0	@	4.625	<u>7.41</u>	<u>11.41</u>

Amount of this Bill

\$27.08

I certify that the above account is correct:

L. M. PERKINS

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

RMV-T- 36/

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918- B.D. No. 7099

May 27th, For amount of repairs to pump, in January, 1918, as
per South Tacoma Store Dept. bill #597, ASANA #1201,
for use at Auburn Concrete Plant, as follows:

Inv. 1-501, W.B. 93, 1/19/18.
MP car 41850 - Auburn, Wash. TOT 3184.

1 Steam pump repaired - F 6348

37.11

Store Expense

3.71

Amount of this Bill

\$40.82

I certify that the above account is correct:

L. M. PERKINS,

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

ENW-T- 360

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918-E.D. No. 2098

May 28th, For amount of labor furnished during April, 1918, in connection with Auburn Concrete Plant, as per Puget Sound Division Operating Dept. bill #373, A.D. #17069, as follows:

Work Train - Apr. 8 - Load Concrete slabs:

Foreman	1-0-45 @	5.00	5.37	
Helper	1-0-45 @	4.625	<u>4.97</u>	<u>10.34</u>

Amount of this Bill

\$10.34

I certify that the above account is correct:

L. M. PERKINS

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

ENV-T- 359

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191 1918- L.D. No. 2097

May 27th, For amount of Engine Service furnished during March, 1918,
in connection with Auburn Concrete Plant, as per Puget
Sound Division Operating Dept. bill #313, ASANA #1281,
as follows:

Loading Concrete Pipe:

Engine 90 - Foreman Keyser:

March 11,	1-1-0	@ 40.711	Service	31.35	
			Repairs	<u>13.43</u>	44.78
" 25,	0-8-0	@ 40.711	Service	22.80	
			Repairs	<u>9.77</u>	<u>32.57</u>

Amount of this Bill

\$77.35

I certify that the above account is correct:

L. M. PERKINS

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

RMV-T-438

TO

Engineering

Department, Dr.

1918-12 D. No.

2042

(Auburn Concrete Plant)

July 16th, For value of material furnished by Hunt & Mottet Co.,
Tacoma, as per their invoice dated July 6, 1918,
as follows:

1 pr. #3 Jaws for New Easy bolt clipper @ 3.50 ea.pr. 3.50

Less 2% - 15 days

.07 3.43

Plus 1% Purchase Expense

.03

Amount of this Bill

\$3.46

I certify that the above account is correct:

Bill as rendered, correct:

L. W. PERKINS

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

RMV-T- 437

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

1918- E. D. No.

2041

July 16th, For value of material furnished by Seattle Hardware Co., Seattle, for use at Auburn Concrete Plant, as per their invoice dated July 10, 1918, as follows:

10 rolls - 500' - 1-ply Malthine paper @ 1.40 roll 14.00

Plus 1% Purchase Expense .14

Amount of this Bill

\$14.14

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS,

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

RMV-T- 436

TO

Engineering

Department, Dr.

1918- M. D. No. 2040 (Auburn Concrete Plant)

July 16th, For value of material furnished by Balfour, Guthrie & Co., Tacoma, for use at Auburn Concrete Plant, as per their invoice dated July 8, 1918, as follows:

400 Bbls "Olympic" cement @ 2.90 f.o.b. N.P.		
tracks, Bellingham	1160.00	
Less 5¢ per bbl - 10 days	<u>20.00</u>	1140.00
Plus 1% Purchase Expense		<u>11.40</u>
Amount of this Bill		\$1151.40

APPROVED:

H. E. STEVENS,

Chief Engineer

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS,

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

Engineering Department.

TRANSFER VOUCHER.

EAW-T- 525

1918-

July 3th, For value of Malthoid roofing paper returned to Seattle Hardware Co., Seattle, from Auburn Concrete Plant, Auburn, Wash., as per EAW-T- bill 433, dated July 3th, 1918.

Amount of this Voucher \$6.25

CREDIT:

Material and Supplies,
Auburn Concrete Plant,
Operation Account

\$6.25

CHARGE:

Bill for Collection,
Seattle Hardware Co.,
Seattle, Wash.

\$6.25

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

(CREDIT)

Order No.

Mem. No.

191

ENV-T- 434

TO

Engineering

Department, Dr.

1918-

M. D. NO.

7037

(Auburn Concrete Plant)

July 5th, To allow Auburn Concrete Plant, Operation Account,
credit for value of material returned to Seattle
Hardware Co., as per ENV-T- bill 433, dated
July 5, 1918, as follows:

5 rolls 1-ply Malthoid Building paper @ 1.25

6.25Amount of this CREDIT Bill\$6.25

I certify that the above account is correct:

Bill as rendered, correct:

C. W. PERKINS.

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

Also Make Credit bill
allowing Conc. Plant
Credit.

Make bill against
Seattle Hardware
referring to their credit
memo. attached

Transfer Van
Credit
Mr & L
and Con Plant,
Opn. of c

Charge:

Bill for @
Seattle Hardware Co
Seattle, Wash

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

ENR-1-410

TO

Engineering

Department, Dr.

1918- E.D. No. 7020 (Auburn Concrete Plant)

June 27th, For value of material furnished during June, 1918,
for use at Auburn Concrete Plant, as per Balfour,
Guthrie & Co's invoice dated June 13, 1918, as follows:

400 bbls "Olympic" cement @ 2.90 f.o.b. N.P. tracks, Bellingham	1160.00
Less 5¢ per bbl - 10 days	20.00
	1140.00
Plus 1% Purchase Expense	11.40
Amount of this Bill	\$1151.40

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

INV-T-411

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918- A.D. No. 2019

June 27th, For value of material furnished during June, 1918, for
use at Auburn Concrete Plant, as per United States
Steel Products Company's invoice dated June 13, 1918,
as follows:

6 bbls #16 black annealed baling wire 600 @ 5.38	32.28
Less 25 - 15 days	<u>.65</u> 31.63
Plus 1% Purchase Expense	<u>.32</u>
Amount of this Bill	\$31.95

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

RMV-T-426

TO

Engineering

Department, Dr.

191

1918- A.D. No.

2018 1/2 (Auburn Concrete Plant)

June 30th, For drayage performed during the month of June, 1918, by J.W.Meade, Auburn, as per his bill dated June 28, 1918, while hauling material from freight house to concrete plant:

June 10th, hauling 60d. spikes	1.50
* 24th, hauling lumber - 20 pcs.2x12x16'	<u>2.00</u>

Amount of this Bill

\$3.50

I certify that the above account is correct:

L. M. PERKINS

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

E. M. W. J. 414

Mem. No.

TO

Engineering
(Auburn concrete Plant)

Department, Dr.

191

1918.

B. D. No.

2018

June 30th, for Labor furnished at Auburn concrete Plant, Auburn, during
June, 1918.

Plant Superintendent	1 mo. @ 160.00	160.00
Engineer	27 das. @ 4.77	128.79
Steelmen	50 das. @ 4.50	225.00
Form-man	25 das. @ 4.25	106.25
Pumpman	30 das. @ 4.00	120.00
Concrete moulders	144 das. @ 4.00	<u>576.00</u>

Amount of this bill

\$1316.04

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

(C R E D I T)

Order No.

Mem. No.

EMV-T-406

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918-B.D. No. 1950

June 22nd., To allow Auburn Concrete Plant, Operation Account, credit covering empty cement sacks returned from Auburn Concrete Plant, Auburn, to Olympic Portland Cement Co., Bellingham, Wash., May 25th, in H.P. car 93480, as per EMV-T- bill 405 dated June 22nd., 1918.

2425 Olympic sacks

@ 20¢

485.00

Amount of this

CREDIT

Bill

\$485.00

APPROVED:

H. E. STEVENS,

-Chief Engineer.

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS,

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STOCK

Department

Order No.

Mem. No.

EMP-T-397

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918-

B.D. No. 1929

June 11th, For value of material furnished during June, 1918, for
use at Auburn Concrete Plant, as per Seattle Hardware
Co's invoice dated June 4th, as follows:

5 rolls 2-ply Malthine paper 500 sq.ft. @ 1.70 roll 8.50

Plus 1% Purchase Expense ..09

Amount of this Bill

\$8.59

APPROVED.

H. E. STEVENS,

Chief Engineer

I certify that the above account is correct:

L. M. PERKINS,

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

E. M. W. - 1-367

Engineering

(Auburn Concrete Plant)

Mem. No.

1918.

TO

Department, Dr.

191

R. D. No.

1916

May 31st, For Labor furnished at Auburn Concrete Plant, during May, 1918.

Plant Superintendent	1 mo. @ 160.00	160.00
Engineer	29 das. @ 47 $\frac{1}{2}$	137.75
Steelmen	542 das. @ 45 $\frac{1}{2}$	243.90
Form-man	27.2 das. @ 42 $\frac{1}{2}$	115.60
Pumpman	31.0 das. @ 40 $\frac{1}{2}$	124.00
Concrete moulders	157.4 das. @ 40 $\frac{1}{2}$	<u>629.60</u>

Amount of this Bill

\$1410.85

I certify that the above account is correct:

Bill as rendered, correct:

L. W. PERKINS

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

ENG-T-369

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918- B.D. No. 1866

May 31st, For drayage performed during the month of May, 1918,
by J.W. Meade, Auburn, as per his bill dated May 28th,
1918, while hauling material from freight house to
concrete plant:

May 1st, hauling oil	2.00
" 18th, hauling lumber	<u>2.00</u>

Amount of this Bill	\$4.00

APPROVED:

H. E. STEVENS,

Chief Engineer

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS.

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No. **ENG-T-366**

TO

Engineering

Department, Dr.

191

1918- **E.D. No.****1864**

(Auburn Concrete Plant)

May 29th, For value of lumber furnished by North End Lumber Co.,
Tacoma, as per their invoice dated May 22, 1918, for
use at Auburn Concrete Plant, as follows:

#1 Com. Rgh.

4x4 - 114/12 69/14 90/16

51/18 69/20 43/22 43/24 - 10733 @ 20.00 214.66

Less 2% - 15 days 4.29 210.37Plus 1% Purchase Expense 2.10Amount of this Bill \$212.47

I certify that the above account is correct:

L. M. PERKINS,

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

ENV-T-337

Mem. No.

191

1912-

A.D. No.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

May 6th, For amount of labor furnished during February, 1912, in connection with Auburn Concrete Plant, as per Puget Sound Division Operating Dep't bill No. 209, A.D. #16753:

Zednick - H. & E.Lead concrete pipe for Seattle Div. Feb. 19:

Foreman	1/25 Mo. @	110.00	3.93		
Ass't Foreman	1 da. @	3.75	3.75		
Carpenters	7 da. @	3.50	24.50	32.18	
	Suptee			3.22	35.40

Work Train handling derrick loading pipe:

Foreman	0-9-0	@	5.00	4.50	
Helper	1-8-0	@	4.625	8.32	12.82

Amount of this Bill \$48.22

I certify that the above account is correct:

L. M. PERKINS,

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STONE

Department

Order No.

Mem. No.

191

EXP-T- 336

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918- E.D. No.

1879

May 6th, For amount of engine service furnished during February, 1918, in connection with Auburn Concrete Plant, as per Puget Sound Division bill No. 226, ASANA #632:

Feb. 19- Handling wrecker loading concrete pipe:

Engine 368 - C-9-C	\$ 24.676	Service	15.60	
		Repairs	6.70	
				<u>22.30</u>
		Amount of this Bill		\$22.30

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS,

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

191

EMV-T- 357

TO

Engineering

Department, Dr.

D. No. 1827 (Auburn Concrete Plant)

1918-

May 27th, For value of cement furnished by Balfour, Guthrie & Co., Tacoma, as per their invoice dated May 21, 1918, for use at Auburn Concrete Plant, as follows:

400 bbls "Olympic" cement @ 2.90 f.o.b.		
N.P. tracks, Bellingham	1160.00	
Less 5¢ per bbl.- 10 days	<u>20.00</u>	1140.00
Plus 1% Purchase Expense		<u>11.40</u>
Amount of this Bill		\$1151.40

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS,

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

EMV-T- 354

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

191

1918-

E. D. No. 1876

May 16th, For concrete pipe shipped to A.R.Cook, Cathcart, Wash.,
for culvert in connection with filling Bridge #35.
A.R.C. #9. T.P.T. #414. F. #2845-(17)

1918 - Feby. 21	7 pcs 24" pipe @ 1.0818034	60.58
	Depreciation on plant @ 22%	13.33
	24 pcs. 36" pipe @ 1.44694825	277.81
	Depreciation on plant @ 22%	61.12
	Loading	30.07
	Amount of this Bill	\$442.91

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

FREIGHT ON RAW MATERIAL:

23050# cement from Bellingham @ 5¢ cwt.

1779# mesh reinforcing from St. Paul @ 90¢

984# reinforcing rods " " @ 90¢

FREIGHT ON FINISHED PRODUCT:

135585# concrete pipe from Auburn to Cathcart

I certify that the above account is correct:

Bill as rendered, correct:

C. W. PERKINS

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

ENV-T- 353

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918-

B.D. No.

1875

May 16th, For concrete pipe shipped to W.C. Albee, Winlock, Wash.,
for Bridge 70-1. W.C.A. #102. S.T. #2344.

1918- March 11 - H.P. 67093 - 11 pcs. 24" pipe @ 1.0818034	95.20
Depreciation on plant @ 22%	20.94
	116.14
Interest on investment @ 4.17%	3.97
	120.11
Loading	35.64

Amount of this Bill

\$155.75

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

FREIGHT ON RAW MATERIAL:

6050# Cement from Bellingham @ 5¢ cwt.

495# mesh reinforcing from St. Paul @ 90¢ cwt.

264# reinforcing rods " " @ 90¢ "

FREIGHT ON FINISHED PRODUCT:

35805# concrete pipe from Auburn to Winlock

I certify that the above account is correct:

Bill as rendered, correct:

C. W. PERKINS

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

HMV-T-352

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918- E. D. No.

1824

May 16th. For concrete pipe shipped to J.R. Craver, Lake, Wash., for
culvert at R.P. 14+3400. JEC #247. ST. #4136.

1918- April 22 - GN 62011 - 6 pos. 24" pipe @ 1.0818034	51.93
Depreciation on Plant @ 22%	11.42
Loading	2.88
Amount of this Bill	\$66.23

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

FREIGHT ON RAW MATERIAL:

3300# cement from Bellingham @ 5¢ cwt.

270# mesh reinforcing from St. Paul @ 9¢ cwt.

144# reinforcing rods " " @ 9¢ "

FREIGHT ON FINISHED PRODUCT:

19530# concrete pipe from Auburn to Lake

I certify that the above account is correct:

Bill as rendered, correct:

L. W. PERKINS

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No. **ENR-T- 351**

Engineering

Mem. No.

TO (Auburn Concrete Plant)

Department, Dr.

191

1918-

M.D. No.

1823

May 16th, For concrete slabs shipped to W.C.Sloan, Sprague, Wash.,
for Bridge #42. W.C.S.#608. S.T.#10296. P.795-1917.

1918 - April 9- HP 56734 - 2 single track slabs

66562 - 2 " " "

66274 - 2 " " "

6 " " " @ 100.538215 603.23

Depreciation on plant @ 22% 132.71

Loading 25.58

Amount of this Bill \$761.52

If material chargeable to Additions and
Betterments add freight charges on raw mater-
ial at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint Operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

FREIGHT ON RAW MATERIAL:

30000# Cement from Bellingham @ 5¢ cwt.

6625# reinforcing from St.Paul @ 90¢ cwt.

FREIGHT ON FINISHED PRODUCT:

199800# concrete slabs from Auburn to Sprague

I certify that the above account is correct:

L. W. PERKINS

Bill as rendered, correct:

Engineer Maintenance of W

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No. E. M. W.-T-350

Mem. No.

191

1918-

B.D. No.

TO Engineering
(Auburn Concrete Plant)

Department, Dr.

May 16th, For concrete slabs shipped to W.C. Sloan, Thrall, Wash.,
for Bridge #124-2. WCS #534-1917. ST-9680. P.768-1917.

1918 - April 9:	HP 56649 -	2 single track slabs		
	57746 -	2 "	"	"
	58725 -	2 "	"	"
	57364 -	2 "	"	"
		8	"	"
			@ 100.538215	804.31
	Depreciation on plant	@ 22%		176.95
	Loading			34.09
	Amount of this Bill			\$1015.35

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

40000# cement from Bellingham @ 5¢ cwt.

8837# reinforcing from St. Paul @ 90¢ "

FREIGHT ON FINISHED PRODUCT:

268400# concrete slabs from Auburn to Thrall

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

MEM-T-

349

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918-

B.D. No.

1871

May 16th, For concrete pipe shipped to W.C.Sloan, Sunnyside, Wash.,
for syphon at M.P. 17. W.C.S.#193. S.T.#3132. T.P.T.915.
P. 180, 1918.

1918- March 26- NP 63576: 13 pcs 24" pipe

April 9: " 68381: 4 " 24" "
17 " 24" " = 136 ft. @ 1.0818034 147.13

Depreciation on plant @ 22% 32.37

Loading 54.08

Amount of this Bill \$233.58

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

FREIGHT ON RAW MATERIAL:

9350# Cement from Bellingham @ 5¢ cwt.

765# mesh reinforcing from St. Paul @ 90¢ cwt.

408# reinforcing rods " " @ 90¢ "

FREIGHT ON FINISHED PRODUCT:

55335# concrete pipe from Auburn to Sunnyside

I certify that the above account is correct:

Bill as rendered, correct:

L. W. PERKINS

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

ENT-T-348

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

1918-

D. No. 1870

May 16th, For concrete pipe shipped to W.C. Sloan, Toppenish, Wash.,
for culvert at Station 66+46. W.C.S. #912. S.T. #59.

1918- March 11- NF 68284 - 9 pcs 24" pipe @ 1.0818034	77.89
Depreciation on plant @ 22%	17.14
Loading	29.16
Amount of this Bill	\$124.19

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

FREIGHT ON RAW MATERIAL:

4950# cement from Bellingham @ 5¢ cwt.

405# mesh reinforcing from St. Paul @ 90¢ cwt.

216# reinforcing rods " " @ 90¢ "

FREIGHT ON FINISHED PRODUCT:

29295# concrete pipe from Auburn to Toppenish

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

1918-

B.D. No.

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

May 16th, For concrete pipe shipped to W.C. Sloan, Toppenish, Wash.,
for culvert at Station 617+10. W.C. 3.9912. S.T. #59.

1918- March 11.	NP 68284 - 9 pcs. 24" pipe @ 1.0818034	77.89
	Depreciation on plant @ 22%	17.14
	Loading	<u>29.16</u>
	Amount of this Bill	<u>\$124.19</u>

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

FREIGHT ON RAW MATERIAL:

4950# cement from Bellingham @ 5¢ cwt.

403# mesh reinforcing from St. Paul @ 90¢ cwt.

216# reinforcing rods " " @ 90¢ "

FREIGHT ON FINISHED PRODUCT:

29295# concrete pipe from Auburn to Toppenish

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS.

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

ENV-T-346

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

1918-

B.D. No. 1818

May 16th, For concrete pipe shipped to J.L. DeForce, Ahsahka, Idaho,
for culvert under team track. JLD #72. ST-1256. Y.#158(16)

1918- April 9- MP 68381 - 1 pc. 48" pipe @ 3.0347432 24.28

Depreciation on Plant @ 22% 5.34

Amount of this Bill \$29.62

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

FREIGHT ON RAW MATERIAL:

1000# cement from Bellingham @ 5¢ cwt.

233# reinforcing rods from St. Paul @ 90¢ cwt.

FREIGHT ON FINISHED PRODUCT:

5630# concrete pipe from Auburn to Ahsahka

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

1918-

TO

Engineering

Department, Dr.

E. D. No.

1794 (Auburn Concrete Plant)

May 10th, For concrete piles and reinforcing rods shipped to
W.C. Sloan, Yakima, Wash., for Bridge #91-3.
S.T. 1808 - C.E.M. of W. 135 and S.T. 1937, C.E.M. of W. #134.
File 3140- 1917.

April 6, 1918. - B.P. 61716.

9 pcs. 15-ft. piles = 135 ft.	@ .84132417	113.58
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Depreciation on plant @	22%	24.99
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Loading

4.59

44 pcs. 1/2" x 14'6" reinforcing rods		
632' @ .6717 = 428.17	@ .03617	15.48

8 " 1/2" x 17'6" Reinforcing rods		
140' @ .6717 = 93.94	@ .03617	3.40

Amount of this Bill	\$162.04
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If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added.
as called for in contract.

FREIGHT ON RAW MATERIAL:

3600# Cement from Bellingham @ 8¢

2580# Reinforcing rods from St. Paul @ 90¢

FREIGHT ON FINISHED PRODUCT:

31500# concrete piles from Auburn to Yakima -

I certify that the above account is correct:

L. M. PERKINS.

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

Small 9-19-16 5M RP

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

(CREDIT)

Order No.

Mem. No.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918-

E. D. No.

1792

May 8th, For value of switch chains received at Auburn Concrete Plant from Glendive Store and shipped to Division Storekeeper at So. Tacoma, as per BOW-T. bill 313, dated April 27, 1918:

2 switch chains

@ 5.33 ea.

10.66

Amount of this CREDIT Bill

\$10.66

I certify that the above account is correct:

Bill as rendered, correct:

L. W. PERKINS,

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

OPERATING

Department

Order No.

Mem. No.

191

MEM-T-298

TO

Engineering

Department, Dr.

1918-

A. D. No. 177 (Auburn Concrete Plant)

1918 - April 9.

For concrete pipe shipped to J.E. Craver, at Hot Springs,
for second washout west of Bridge #60.

1917 - Dec. 26-

8 pos 36" pipe	64 ft. @ 1.44694825	92.61
Depreciation	@ 22%	20.37
		<u>\$112.98</u>

Labor loading by Puget Sd. Div. for ces:

Foreman	.4/31	@ 110.00	1.42
Carpenters	5 days	@ 3.40	17.00
			<u>18.42</u>
	10%		<u>1.84</u>
			<u>20.26</u>

Amount of this Bill

\$133.24RAW MATERIAL:

If material chargeable to additions and
betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below

If chargeable to Joint operating accounts
do not include freight in this bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

6400# cement from Bellingham @ .05¢ cwt.
488# mesh reinforcing from St. Paul @ 90¢
272# reinforcing bars from Seattle @ 05¢

FINISHED PRODUCT:

37600# concrete pipe from Auburn to Hot Springs

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS,

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

NEW-T- 344

TO

Engineering

Department, Dr.

1918- C. E. M. of W.

(Auburn Concrete Plant)

May 13th, For value of material furnished by United States Steel Products Company, Seattle, as per their invoice dated May 6th, 1918, for use at Auburn Concrete Plant, as follows:

3 bales. #11 black annealed fence wire - 246# @ 4.53 cwt. 11.14

Plus 1% Purchase Expense 11

Amount of this Bill \$11.25

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS,

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

INV-1- 325

TO

Engineering
(Auburn Concrete Plant:

Department, Dr.

191

1918- G. E. M. of W. 7094

April 30th, For value of cement furnished by Balfour, Guthrie & Co., Tacoma, as per their invoice dated April 22, 1918, for use at Auburn Concrete Plant, as follows:

231 bbls "Olympic" cement @ 2.90 f.o.b.		
E.P. tracks, Bellingham	669.90	
Less 5¢ per bbl. - 10 days	<u>11.55</u>	658.35
Plus 1% Purchase Expense		<u>6.98</u>
Amount of this Bill		\$664.93

L. M. PERKINS.

I certify that the above account is correct:

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No. E. M. W.-T-314

Mem. No.

TO

Engineering
(Auburn concrete plant)

Department, Dr.

191

1918. C. E. M. of W. 2093

April 30th, For Labor furnished at Auburn concrete plant during April,
1918. (Includes some omitted time for March)

Plant superintendent	1 mo. @ 160.00	160.00
"	5 das. March time	15.48
Engineer	21 das. @ 47 ¹ / ₂ hr.	99.75
Steelmen	56 das. @ 45 ¹ / ₂ "	252.00
Form man	23 das. @ 42 ¹ / ₂ "	97.75
Concrete moulders	112 das. @ 40 ¹ / ₂ "	448.00
Pumpman	30 das. @ 40 ¹ / ₂ "	120.00

Amount of this bill

\$1192.98

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS

Engineer Maintenance of Way

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

ENR-T-

335

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.,

191

1918-

G. E. W. of W.

2073

May 6th, For value of material furnished by American Steel & Wire Company, Chicago, as per their invoice dated April 9th, 1918- for use at Auburn Concrete Plant, as follows:

22 - 300-ft. rolls 44" wide	162.76
22 - 300-ft. " 48" "	177.48
	<u>340.24</u>

Plain concrete reinforcement -	506 sq.ft. @ 3.11 sq.ft.	1573.66
	Less 2% - 10 days	<u>31.47</u>

Plus 1% Purchase Expense	<u>15.42</u>
--------------------------	--------------

Amount of this Bill	<u>\$1557.61</u>
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I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

ENG-1- 339

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918-

G. E. M. of W. 7097

May 8th, For value of material furnished by Seattle Hardware Co.,
Seattle, as per their invoice dated May 2, 1918, for
use at Auburn Concrete Plant, as follows:

5 Rolls 1-ply Malthine Paper 500's @ 1.25 Ea. 6.25

Plus 1% Purchase Expense .06

Amount of this Voucher \$6.31

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

ENV-T. 341

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918- G. E. M. of W. 2091

May 10th, For value of tools furnished by Hunt & Mottet Co.,
Tacoma, as per their invoice dated May 4, 1918,
for use at Auburn Concrete Plant, as follows:

1/8 doz. M.120 Mortar Mixers @ 11.00 doz.	1.83
---	------

Plus 1% Purchase Expense	.02
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Amount of this Bill	\$1.85
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I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS,

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

ENG-T-327

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

191

1918- R. E. M. of W. 2065

April 30th, For amounts expended by W.H. Farmer, Plant Sup't, during April, 1918, in connection with Auburn Concrete Plant, as per ENG-T- Voucher dated April 30th, 1918, as follows:

Apr. 29th, East Auburn Grocery Co., Auburn.

3 gals. oil

.45

paper sacks

.25

.70

Apr. 29th, W. J. Sitton, Auburn.

1 extra large chain hook

2.50

Apr. 29th, Auburn Furniture & Hdwe Co., Auburn.

2 trowels

3.00

Amount of this Bill

\$6.20

I certify that the above account is correct:

L. M. PERKINS.

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

1918-G. E. W. of W.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

April 30th, For drayage performed during the month of April, 1918,
by J.W. Meade, Auburn, as per bill dated April 29, 1918,
while hauling material from freight house to concrete plant

April 1, Hauling engine fittings

2.00

* 25, Hauling oil and pile plates

2.50

Amount of this Bill

\$4.50

I certify that the above account is correct:

L. M. PERKINS,

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

228-T-308

Mem. No.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918-

G. E. W. of W.

2014

April 23rd., For value of material furnished by Balfour, Guthrie & Co., Tacoma, as per their invoice dated April 12, 1918, for use at Auburn Concrete Plant, as follows:

431 Bbls "Olympic" Cement @ 2.90 f.o.b.
S.P. tracks, Bellingham

1249.90

Less discount 5% bbl. - 10 days

21.55

1228.35

Plus 1% Purchase Expense

12.28

Amount of this Bill

\$1240.63

I certify that the above account is correct:

L. W. PERKINS

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

1918- C. E. M. of W. 2013

TO Engineering
(Auburn Concrete Plant)

Department, Dr.

April 23rd., For value of material furnished by Seattle Hardware Co., Seattle, as per their invoice dated April 13th, 1918, as follows:

1/6 doz. 3/4" Diamond hose nozzle @ 5.50 dz. .92

1/6 " #3140 water pails @ 9.75 " 1.63

5 rolls 1-ply Waltham paper 1 sq. 1.25 roll 6.25

Plus 1% Purchase Expense 8.80

Amount of this Bill .09

Amount of this Bill \$8.89

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

191 1918-

G. E. M. of W.

TO Engineering
(Auburn Concrete Plant)

Department, Dr.

April 17th, For value of material furnished during February, 1918,
in connection with Auburn Concrete Plant, as per
Glendive Store Dept. bill No. 449, AUBURN #467,
as follows:

H.P. 39678, Reg'n 687, W.B. 608:

140 - 1-1/4x6'9" iron rods - St. Paul - 39455 @ 4.41 cwt. 173.97

Store Expense 1.74

Amount of this Bill \$175.71

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

SMV-T-305

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

191 1918- G. E. W. of W. 2008

April 19th, For value of material furnished by Belfour, Guthrie & Co., Tacoma, as per their invoice dated April 11th, 1918, for use at Auburn Concrete Plant, as follows:

231 Bbls "Olympic" Cement @ 3.90 - f.o.b. N.P. tracks, Bellingham	669.90
Less 5¢ bbl.- 10 days	<u>11.55</u> 658.35
Plus 1% Purchase Expense	<u>6.58</u>
Amount of this Bill	664.93

that the above account is correct:

ed, correct:

L. M. PERKINS.

Engineer Maintenance of Way.

bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

ENV-T- 304

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918-

G. E. M. of W.

2007

April 19th, For value of material furnished by W.P.Fuller & Co.,
Tacoma, as per their invoice dated April 10, 1918,
for use at Auburn Concrete Plant, as follows:

1/2 doz. Orient #80 White Wash Brushes @ 10.97 5.49

Plus 1% Purchase Expense .05

Amount of this Bill

\$5.54

I certify that the above account is correct:

Bill as rendered, correct:

L. W. PERKINS

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

HW-7-303

TO

Engineering
(Auburn Concrete Plant.)

Department, Dr.

191

1918- G. E. W. of W 2006

April 19th, For value of material furnished by American Steel & Wire Co., Chicago, as per their invoice dated March 16, 1918, for use at Auburn Concrete Plant, as follows:

Plain concrete reinforcement

490 66 sq.ft. Style 153:

20 - 300 ft. rolls 48" wide	161 86	
2 - 200 ft. " 48" "	10 78	
20 - 300 ft. " 44" "	140 16	
2 - 200 ft. " 44" "	10 23	
	<u>332 03</u>	sq.ft. @ 3.11 C
		1525.95

Less 2% - 10 days 36.52

1489.43

Plus 1% Purchase Expense

14.95

Amount of this Bill

\$1510.38

L. W. PERKINS

I certify that the above account is correct:

Bill as rendered, correct:

Engineer Maintenance of Way

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

1918- C. E. M. of W.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

April 19th, For value of material furnished by American Steel & Wire Co., Chicago, as per their invoice dated March 16, 1918, for use at Auburn Concrete Plant, as follows:

6 - 100# bails #16 Annealed market wire - 600# @ 4.315 cwt. 25.89

Less 2% 10 days .52

25.37

Plus 1% Purchase Expense .25

Amount of this Bill \$25.62

L. W. PERKINS

I certify that the above account is correct:

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Store

Department

Order No.

Mem. No.

TO

Engineering

Department, Dr.

191

1918-

C. E. M. of W.

7500

(Auburn Concrete Plant)

April 9th, For value of material furnished during February, 1918,
in connection with Auburn Concrete Plant, as per
Glendive Store Dept. bill No. 443, ASAMA 472, as follows:

NP-61284 and 33. & W. 4417

Glendive to Auburn W.B. 16, Feb. 1, 1918-

360	pos.	1-1/8	rd	15'-4"	Reinf.	red	St. Paul	18669# @ 3.70 cwt.	
120	"	1-1/8"		19'	do.			7711	
100	"	1-1/8"		24-3"	"			8261	
65	"	3/4"	sq.	30'	"			3732	
65	"	3/4"		31'	"			42170# 3857	1860.29
1400	"	3/8"	rd	56'	"			29400	3.95 cwt. 1161.30
150	"	1/2"		35'	"			3507	3.80 " 133.27
32000	lin. ft.	1/4"	rd.	plain	"			5344	2.30 " 122.91
5000	Space bars	2-1/4xl/8xl'3-3/4"						5000	2.65 132.50
2	Switch chains							200	5.33 ea. 10.66
									3120.93
								Store Expense 2%	62.41
								Amount of this Bill	\$3183.34

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS.

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

RMV-T- 278

Mem. No.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918- C. E. M. of W.

1996

March 30th, For value of material furnished during November, 1917,
in connection with Auburn Concrete Plant, as per
So. Tacoma Store Dept. bill No. 267, ASANA 448, as follows:

Inv. 11-506 - W.B. 140, 11/20/17
N.P. car 28707, Auburn, T.B.T. 1696.

1 Grindstone & stand complete F 5210 St. Paul 83/ 2.65

Store Expense

.262.91

Amount of this Bill

\$2.91

I certify that the above account is correct:

L. M. PERKINS,

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

ENV-T- 265

Mem. No.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918-

C. E. M. of W.

1977

March 9th, For labor furnished at Auburn Concrete Plant, Auburn,
during January, 1918, as per Puget Sound Division
Operating Dept. bill No. 123, A.D. 16558, as follows:

Tedwick's B. & B. Auburn.
Loading concrete pipe:

Foremen	.4/31 mo. @ 110.00	1.42
Carpenters	5. days @ 3.40	<u>17.00</u>
		18.42
Superintendence		<u>1.84</u>

Amount of this Bill

\$20.26

I certify that the above account is correct:

E. W. PERKINS.

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

ENV-T-263

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918- E. E. N. 1976

March 8th, For engine service furnished at Auburn Concrete Plant, Auburn, during September, 1917, as per Puget Sound Division Operating Dept. bill No. 998, ASAMA 3061, as follows:

Sept. 17, 1917- Engine #368:
- Loading concrete slabs:

0-10-35

31.117

Service 25.84

Repairs 7.08

32.92

Amount of this Bill

\$32.92

I certify that the above account is correct:

L. W. PERKINS,

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

ENR-T- 264

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918-

G. E. M. of W. 1975

March 8th, For engine service furnished at Auburn Concrete Plant,
Auburn, during December, 1917, as per Puget Sound Div.
Operating Dept. ASAMA bill No. 30, as follows:

Dec. 14, 1917, handling derrick loading concrete slabs:

Engine #368 - 8- 30

Service 18.06

Repairs 3.20

21.26

Amount of this Bill

\$21.26

I certify that the above account is correct:

L. M. PERKINS

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

1918-

TO

Engineering

Department, Dr.

C. E. W. of W. 1951

(Auburn Concrete Plant)

April 5th, For value of material furnished by United States Rubber Co., Tacoma, as per their invoice dated March 19, 1918, for use at Auburn Concrete Plant, as follows:

100 ft. 3/4" Revere Water Hose cpld @	.17	17.00	
100 ft. Wire winding @	.06	6.00	
		23.00	
Less 2% - 10 days		.46	22.54
Plus 1% Purchase Expense			.23
Amount of this Bill			\$22.77

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

C. E. M. of W. 3752

Engineering Department

EW-T- 297

TRANSFER VOUCHER.

1918-

April 2nd., To Transfer amount included in EW-T- bill No.133, dated January 10, 1918, covering value of concrete pipe shipped to J.R.Graver at Hot Springs, for second washout west of Bridge #60, account 48" pipe being specified in bill while 36" pipe was furnished, as follows:

7 pos. 48" concrete pipe - 56 ft. @ 3.0347432	169.85
Depreciation on plant @ 22%	<u>37.39</u>

Amount of this Voucher	\$207.34

CREDIT:	
Material and Supplies	\$207.34

CHARGE:		
Material and Supplies,		
Auburn Concrete Plant,		
Operation Account	169.95	
Investment Account	<u>37.39</u>	\$207.34

NORTHERN PACIFIC RAILWAY COMPANY

STORE

(CREDIT)

Department

Order No.

ENW-T- 293

Engineering

Mem. No.

TO

(Auburn Concrete Plant)

Department, Dr.

191

1918- G. E. M. of W.

1950

April 2nd., To allow Material & Supplies Dept. credit for value of concrete pipe shipped, on December 26, 1917, to J. E. Graver at Hot Springs for second washout west of Bridge #60, as per ENW-T- bill 123, dated January 10, 1918, account 48" pipe being specified in bill while 36" pipe was furnished;

7 pos. 48" concrete pipe - 56' @ 3.0347432

169.98

Depreciation on plant

37.39

Amount of this CREDIT Bill

\$207.34

I certify that the above account is correct:

L. M. PERKINS.

Bill as rendered, correct:

Engineer Maintenance of Way.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

Engineering Department.

BMW-T-55

TRANSFER VOUCHER.

1918-

Jan. 24th, For value of concrete pipe shipped from Auburn Concrete Plant to various points during April to November, incl., 1917, as per the following bills:

<u>BMW-T-NO.</u>	<u>SHIPPED TO</u>	<u>DESTINATION</u>	<u>AMOUNT.</u>
17	A. R. Cook	Weikel	70.61
18	do.	"	686.31
19	"	"	348.44
20	"	"	31.67
21	"	"	31.67
22	"	"	52.79
23	"	"	592.39
24	"	"	95.04
25	"	Dupont	65.52
26	J. L. DeForce	Cheney	63.35
27	do.	Clarks Fork	890.24
28	"	Parkwater	31.67
29	"	do.	31.68
30	"	"	31.68
31	"	"	31.67
32	"	"	84.74
33	"	"	73.91
34	"	"	28.24
35	F. N. Pinch	Riparia	160.65
36	do.	"	146.06
37	"	"	379.76
38	W. C. Sloan	Pasco	56.47
39	do.	"	56.47
40	"	"	52.79
41	"	"	84.74
42	"	"	42.37
43	"	"	70.61
44	"	"	56.48
45	"	"	42.24
46	"	"	42.37
47	"	"	31.67
48	"	"	282.46
49	"	"	141.23
50	"	"	63.35
51	"	"	52.79
52	"	"	84.47
53	"	Paha	245.32

Forward

5333.92

Transfer Voucher.

EMW-T-55

(2)

3709

Brought forward --

5333.92

<u>EMW-T-NO.</u>	<u>SHIPPED TO</u>	<u>DESTINATION</u>	
54	W. C. Sloan	Walla Walla	63.35
55	do.		56.47
56	"	Gibson	126.70
57	"	"	169.47
58	"	"	56.48
59	"	Satus	2309.40
60	"	Yakima	31.67
61	"	Thrall	245.32
62	"	"	384.44
63	J. L. DeForce	Noxon	1217.45
64	W. C. Sloan	Sprague	307.92
65	do.	Connell	42.37
66	"	"	42.37
67	"	"	1226.56
68	"	"	1471.88
69	"	Toppenish	56.48
70	"	"	52.79
71	"	"	56.48
72	"	Ellensburg	31.67
73	"	"	31.67
74	"	"	31.67
75	"	"	52.79
76	"	"	63.35
77	"	"	52.79
78	"	"	31.67
79	"	"	52.79
80	"	"	31.67
81	"	"	42.37
82	"	Prosser	21.12
83	"	Grandview	14.13
84	A. Herider	Falls City	95.03
85	do.	Silver Beach	31.67
86	"	do.	42.24
87	"	"	52.79
88	"	"	42.24
89	"	"	42.24
90	"	"	63.35
91	"	Roslyn	31.67
92	"	"	31.67
93	"	Agate Bay	42.24

Forward

14184.35

Transfer Voucher.

EMW-T-55

(3)

Brought forward --

14184.35

<u>EMW-T-NO.</u>	<u>SHIPPED TO</u>	<u>DESTINATION</u>	
94	A. Herider	Bellingham	31.67
95	do.	Blue Canyon	31.67
96	"	do.	52.79
97	J. E. Craver	Thornwood	10.55
98	do.	Wickersham	56.47
99	"	"	31.67
100	"	"	31.67
101	"	"	52.79
102	"	"	42.24
103	"	Cooper	31.67
104	"	Redmond	42.24
105	"	"	42.24
106	"	Acme	84.47
107	"	Thorp	42.24
108	"	"	31.67
109	"	Kountze	31.67
110	"	East Auburn	31.67
111	"	Stampede	42.24
112	"	Monohon	42.24
113	"	"	42.24
114	"	Woodinville	84.47
115	"	"	84.47
116	"	Kirkland	84.47
117	"	Falls City	112.98
118	"	Roslyn	282.44
119	"	Towanda	42.24
120	"	Bothell	31.67
121	"	Lake	42.24
122	"	Lester	266.57
123	"	Hot Springs	207.34
124	"	Ellensburg	1471.88
125	"	"	923.76
126	J. J. McCullough	Auburn	95.03
127	do.	Sumner	21.84
128	"	Black River	272.98
129	"	Tacoma	65.52
130	W. C. Albee	Sixth Avenue	87.36
131	do.	do.	109.19
132	"	"	76.44
133	"	"	120.11

Forward

19473.46

Transfer Voucher.

EMW-T-55 (4)

Brought forward --

19473.46

<u>EMW-T-No.</u>	<u>SHIPPED TO</u>	<u>DESTINATION</u>	
134	W. C. Albee	Ketron	54.59
135	do.	"	43.68
136	"	"	65.52
137	"	Steilacoom.	174.72
138	"	"	58.42
139	"	"	65.52
140	"	"	54.59
141	"	"	54.59
142	"	"	87.36
143	"	"	76.44
144	"	"	54.59
145	"	"	65.52
146	"	"	54.59
147	"	"	54.59
148	"	"	65.52
149	"	"	54.59
150	"	"	54.59
151	"	"	65.52
152	"	"	65.52
153	"	"	54.59
154	"	"	76.44
155	"	Nisqually	76.44
156	"	"	76.44
157	"	"	54.59
158	"	"	54.59
159	"	Heisen	31.67
160	"	"	31.67
161	"	Winlock	65.52
162	"	"	54.59
163	"	"	54.59
164	"	Olympia	63.35
165	"	"	63.35
166	"	"	84.74
167	"	"	31.67
168	"	"	31.67
169	"	Kalama	219.09
170	"	Lebam	84.47
171	"	"	42.24
172	"	Castle Rock	65.52
173	"	" "	120.11
174	"	Aberdeen Junction	84.74
175	"	Knapps	131.03

Forward

22397.03

Transfer Voucher.

RMV-T- 55 (5)

		Brought forward	22397.03
176	W. C. Albee	Grand Mound	42.24
177	do.	Centralia	76.44
178	"	Holcomb	42.24
179	"	Oakville	31.67
180	"	Hoquiam	21.12
181	"	Gate	10.55
182	"	Lacey	31.67
183	"	"	42.24
184	"	Vancouver Junction	31.67
185	"	do.	31.67
186	"	"	31.67
187	"	Vader	112.98
188	"	Felida	65.52
189	"	Olequa	438.15
190	"	"	<u>741.70</u>

Amount of this Voucher \$24148.56

CREDIT:

Material and Supplies,
Auburn Concrete Plant,
Operation Account
Investment Account

19652.94
4495.62

\$24148.56

CHARGE:

Material and Supplies,
Auburn Concrete Plant,
Investment Account
Material and Supplies

171.95
23976.61

\$24148.56

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

191

STORE

O.E.M. of W. 1942

TO

Department, Dr.

E. M. W. - T - 190

1918

Engineering
(Auburn Concrete Plant)

Jan. 18, For concrete piling shipped to W. C. Kibee, Olegua, Wash.,
for Bridge #81, WCA #807, ST 10951 Y 2533-1917.

1917 November	10	MP 65425	11 Pcs	30 ft.	Piles	
"	"	10	" 69905	11 "	30 ft.	"
"	"	14	" 67294	3 "	30 "	"
			25 "	30 "	"	" 750 ft. 2.7837839
						587.84
						129.34
						<u>24.52</u>
						Amount of this Bill
						\$741.70

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

24000# cement from Bellingham	@ .05
13389# reinforcing rods from St. Paul	@ .90

FINISHED PRODUCT:

198000# concrete piling from Auburn to Olegua.

If the above account is correct:

correct:

Bill is rendered will sign here.

Bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

191

STORE

E. M. W. - T-189

TO

Department, Dr.

O. E. M. of W. 1941

Engineering
(Auburn Concrete Plant)

1918.

Jan. 11, For concrete pipe shipped to W. C. Albee at Olague, Wash.,
for Bridge Bl. 1, WCA #773-F 3817-17.

August 17, 1917.

NP-60010-8 Pos. 36" pipe

" 66313-8 " 36" "

" 61076-8 " 36" "

" 66393-8 " 36" "

30 " 36" " --240 ft. @ 1.44694825

347.37

Depreciation on plant @ 22%

76.40

Interest on Investment @ 4.17%

14.48

Amount of this bill

\$ 438.15

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

34000# cement from Bellingham	@	.05
1830# mesh reinforcing from St. Paul	@	.90
1020# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

141000# concrete pipe from Auburn to Olague, Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

E. M. W. - T- 188

TO

Department, Dr.

1918.

Q. E. M. of W. 1940

Engineering

(Auburn Concrete Plant)

Jan. 11. For concrete pipe shipped to W. C. Albee at Felida, Wash.,
for culvert at MP 130+940

Aug. 29, 1917

MP 69665	6 Pcs. 24" concrete pipe-48 ft. @ 1.0618034	61.93
	Depreciation on plant @ 22%	11.42
		63.35
	Interest on Investment @ 4.17%	2.17
	Amount of this Bill	\$65.52

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

3300# cement from Bellingham	@	.05
270# mesh reinforcing from St. Paul	@	.90
144# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

19530# concrete pipe from Auburn to Felida, Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

191

STORE

E. M. W. - T-187

TO

Engineering

O. E. M. of W. 1939 (Auburn Concrete Plant)

1918

Department, Dr.

Jan. 10, For concrete pipe shipped to W. C. Albee at Vader, Wash.,
for Brg. 81.1-WCA 836-855-ST-11097-11180-E.3617-1917.

Oct. 4, 1917.

NP 65393 8 Pcs. 36" concrete pipe-34 ft. @ \$1.44694835
Depreciation on plant

92.61

20.37

\$ 112.98

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

6400# cement from Bellingham	@	.05
488# mesh reinforcing from St. Paul	@	.90
278# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

37600# concrete pipe from Auburn to Vader, Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

E. M. W. - T-186

TO

Engineering

Department, Dr.

1919 Q. E. M. of W. 1938 (Auburn Concrete Plant)

Jan. 10, For concrete pipe shipped to W. C. Albee at Vancouver Junction, Washington, for culvert at NP 5-1860-WCA#276. ST #4021.

Sept. 20, 1917.

NP-81008

3 Box. 34" concrete pipe-34 ft. @ 1.0518034
Depreciation on plant

25.96
5.71

\$ 31.67

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

RAW MATERIAL:

1650# cement from Bellingham	@	.05
135# mesh reinforcing from St. Paul	@	.90
73# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

3765# concrete pipe from Auburn to Vancouver, Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

E. M. W. - T- 185 TO

Engineering

Department, Dr.

191

1918. O. E. M. of W. 1937 (Auburn Concrete Plant)

Jan. 10, For concrete pipe shipped to W. C. Albee at Vancouver Junction, Washington, for culvert at NP C-730-WCA #276-ST #4021.

Sept. 30, 1917.

NP 61008 3 Pcs 24" concrete pipe-34 ft. @ 1.0818034
Depreciation on plant

25.96

5.71

\$ 31.67

If material chargeable to Additions and Betterments add freight charges on raw material at 70 % of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

RAW MATERIAL:

1650# cement from Bellingham	@	.05
135# mesh reinforcing from St. Paul	@	.90
73# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:-

9763# concrete pipe from Auburn to Vancouver, Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

191

TO

Department, Dr.

Q. E. M. of W. 1936 (Auburn Concrete Plant)

Jan. 10, For concrete pipe shipped to W. C. Albee at Vancouver Junction, Washington, for culvert at NP 1+1760, WCA #376-ST4081

Sept. 20, 1917.

NP 61008 3 Pcs. 34" concrete pipe 34 ft. @ 1.0818034 25.98

Depreciation on plant

3.71

\$ 31.67

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

RAW MATERIAL:

1650# cement from Bellingham	@	.05
135# mesh reinforcing from St. Paul	@	.90
72# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

9765# concrete pipe from Auburn to Vancouver, Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

191

E. M. W. - T - 183

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918.

Jan. 11, For concrete pipe shipped to W. C. Albee at Lacey, Wash.,
for culvert at NP 33+4013-7CA \$340-ST \$4069.

Sept. 30, 1917.

NP 68012	4 Pcs. 34" concrete pipe-33 ft. @ 1.0818034	34.62
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Depreciation on plant	@ 23%	7.62
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\$	42.24
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If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

2800# cement from Bellingham	@	.05
180# mesh reinforcing from St. Paul	@	.90
66# reinforcing rods from Seattle	@	.06

FINISHED PRODUCT:

13020# concrete pipe from Auburn to Lacey, Wash.

APPROVED:

Chief Engineer of Maintenance of Way.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

E. M. W. - T - 182

TO

Mem. No.

191

Q. E. M. of W. 1934

Engineering

Department, Dr.

(Auburn Concrete Plant)

Jan. 11, For concrete pipe shipped to W. C. Albee at Lacey, Wash.,
for culvert at NP 33+3520, WCA 5240-ST 4060

Sept. 30, 1917.

NP 68013

3 Pcs. 24" concrete pipe-34 ft. @ 1.0818034 35.96
Depreciation on plant @ 22% 5.71

35.96
5.71

\$ 31.87

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

1650# cement from Bellingham	@	.05
135# mesh reinforcing from St. Paul	@	.90
78# reinforcing rods from Seattle	@	.95

FINISHED PRODUCT:

8765# concrete pipe from Auburn to Lacey, Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

191

E. M. W. - T- 181

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

1918

A. E. M. & W. 1933

Jan. 11, For concrete pipe shipped to T. C. Albee at Gate, Wash.,
for culvert at NP 15+964-WCA #347-ST4078

Sept. 20, 1917.

NP 88012

1 Pcs. 24" concrete pipe-8 ft. @ 1.0818034
Depreciation on plant @ 33%

\$ 8.65

1.90

\$ 10.55

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

550# cement from Bellingham @	.05
45# mesh reinforcing from St. Paul @	.90
24# reinforcing rods from Seattle @	.05

FINISHED PRODUCT:

3255# concrete pipe from Auburn to Gate, Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

191

E. M. W. - T-180

TO

Department, Dr.

1918.

Jan. 11, 1918. For concrete pipe shipped to W. C. Albee at Hoquiam, Wash., for culvert at NP 9-3579, WCA 4261-ST4024-F 610-17.

Sept. 20, 1917.

NP 64906

3 Pcs. 24" concrete pipe-S Pcs. @ 1.0918034

\$ 17.31

Depreciation on plant @ 22%

3.81

Amount of this bill

\$ 21.12

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

RAW MATERIAL:

1100# cement from Bellingham

@

.05

90# mesh reinforcing from St. Paul

@

.90

48# reinforcing rods from Seattle

@

.05

FINISHING PRODUCT:

6710# concrete pipe from Auburn to Hoquiam, Washington.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

E. M. W. - T - 179

TO

Engineering

Department, Dr.

191

C. E. M. of W.

1931 (Auburn Concrete Plant)

1918.

Jan. 11, Foreconcrete pipe shipped to W. C. Albee at Oakville, Wash.,
for culvert at HP 17+3893, WCA #248-674079

Sept. 30, 1917.

HP 64906

3 Pos 24" concrete pipe-34 ft. @ \$1.0818034
Depreciation on plant @ 23%

35.26

5.71

Amount of this bill

\$ 31.57

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

1650# cement from Bellingham	@	.05
135# mesh reinforcing from St. Paul	@	.00
73# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

6765# concrete pipe from Auburn to Oakville, Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer ag

bill is rendered will sign here.

Officer who renders bill

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

191

STORE

E. M. W. - T -

TO

Engineering

Department, Dr.

U. S. R. of W.

1930

(Auburn Concrete Plant)

Jan. 11, For concrete pipe shipped to W. C. Albee at Holcomb, Wash.,
for culvert at NP 44+732. WOA 4373-ST 4112.

Sept. 10, 1917.

NP-62576

4 Pcs. 34" concrete pipe-32 ft. @ 1.0818034
Depreciation on plant @ 33%

34.62

7.53

Amount of this bill

\$ 42.24

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

3200# cement from Bellingham	@	.05
180# mesh reinforcing from St. Paul	@	.90
98# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

13020# concrete pipe from Auburn to Holcomb, Washington.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

E. M. W. - T - 177 TO

Department, Dr.

191

Q. E. M. of W.

1929

Engineering
(Auburn Concrete Plant)

1918.

Jan. 11, For concrete pipe shipped to W. C. Albee at Centralia, Wash.,
for culvert at WP 53+73, WCA #302-ST 4030.

Sept. 10, 1917.

NP-69676

7 Pcs. 36" concrete pipe-56 ft. @ 1.0818034	60.58
Depreciation on plant @ 22%	13.32
	<u>73.91</u>
Interest on Investment @ 4.17%	2.53
	<u>76.44</u>

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

3850# cement from Bellingham	@	.05
315# mesh reinforcing from St. Paul	@	.90
168# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

33785# concrete pipe from Auburn to Centralia, Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

TO

Department, Dr.

E. M. W. T.

1918.

D. E. M. of W.

1361928

Engineering

(Auburn Concrete Plant)

Jan. 11, For concrete pipe shipped to W. C. Albee at Grand Mound, Wash.,
for culvert at WP 8+3880, WCA #345-ST 4075.

Sept. 30, 1917.

NP 68012 4 Pcs. 24" concrete pipe-33 ft. @ 1.0818034
Depreciation on plant @ 43%

24.63
7.62

\$ 42.24

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

2200# cement from Bellingham	@	.05
180# mesh reinforcing from St. Paul	@	.90
96# reinforcing rods from Seattle	@	.05

FINISHED PRODUCTS:

130204 concrete pipe from Auburn to Grand Mound Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

1918

TO

Engineering

Department, Dr.

E. M. W. - T- 175

O. E. M. of W. 1927 (Auburn Concrete Plant)

Jan. 14, For concrete pipe shipped to W. C. Albee at Knappa, Wash., for culvert at MP 127+3486 WCA #218 ST #4037.

August 20, 1917

MP 63904	12 Pcs. 24" concrete pipe=96 ft. @ 1.0818034	103.85
	Depreciation on plant @ 22%	22.85
		<u>126.70</u>
	Interest on Investment @ 4.17%	4.33
	Amount of this Bill	<u>\$131.03</u>

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

RAW MATERIAL:

6600# cement from Bellingham	@	.05
540# mesh reinforcing from St. Paul	@	.90
288# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

39060# concrete pipe from Auburn to Knappa, Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

191

STORE

M. W. - T- 174

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

1918

Jan. 16, For concrete pipe shipped to W. C. Albee at Aberdeen, Junction,
for culvert at WP 49+3150-WCA 4853-ST 4253+

May 12, 1917.

NP 61317 - 6 Pcs. 36" pipe - 48 ft.	@	1.44694835	89.46
Depreciation on plant	@	22¢	15.28
Amount of this Bill			\$ 84.74

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

4800 # cement from Bellingham	@	.05
366# mesh reinforcing from St. Paul	@	.90
204# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

28200# concrete pipe from Auburn to Aberdeen Junction.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

191

E. M. W. - T-113 TO

Engineering

Department, Dr.

O. E. M. of W. 1925 (Auburn Concrete Plant)

1918.

Jan. 14, For concrete Pipe shipped to W. C. Albee at Castel Rock, Wash.,
for culvert at Station 4178+38-WCA #706-ST 9361-F 2328-17.

August 29, 1917.

NP-69704

11 Pcs. 24" concrete pipe--28 ft. @ 1.0818034
Depreciation on plant

95.20

20.94

Interest on Investment @ 4.17%

\$ 116.14

3.97

Amount of this bill

\$ 120.11

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

6050# cement from Bellingham	@	.05
495# mesh reinforcing from St. Paul	@	.90
264# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

35805# concrete pipe from Auburn to Castle, Rock, Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

STORE

Mem. No.

E. M. W. - T- 172 TO

Department, Dr.

191

E. M. of W.

Engineering

(Auburn Concrete Plant)

1918.

Jan. 14, For concrete pipe shipped to W. C. Albee at Castle Rock, Wash.,
for culvert at NP 80+3100-WCA 3313-ST 4035.

August 29, 1917.

NP-89665

6 Pcs. 24" concrete pipe--48 ft. @ 1.0818034
Depreciation on plant @ 32%

51.93

11.43

\$ 63.35

3.17

Interest on Investment

Amount of this bill

\$ 66.52

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

3300# cement from Bellingham	@	.05
370# mesh reinforcing from St. Paul	@	.80
144# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

19530# concrete pipe from Auburn to Castle Rock, Washington.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

191

E. M. W. - T - 170 TO

Department, Dr.

D. E. M. of W. 1923 Engineering

1918.

(Auburn Concrete Plant)

Jan. 14, For concrete pipe shipped to W. C. Albee at Lebam, Wash.,
for culvert at NP 38+3320, W.C.A. #272-ST 4112.

August 29, 1917.

NP-66122 8 Pcs. 24" concrete pipe--34 ft. @ 1.0812034
Depreciation on plant @ 23%

69.24

15.23

Amount of this bill

\$ 84.47

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

4400# cement from Bellingham	@	.05
360# mesh reinforcing from St. Paul	@	.90
192# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

26040# concrete pipe from Auburn to Lebam, Washington.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

191

TO

Department, Dr.

1918

O. E. M. of W. 1922

(Auburn Concrete Plant)

Jan. 17, - For concrete pipe shipped to W.C. Albee, at Kalama, Wash., for culvert at M.P. 108+, WCA #362, ST #5245, P-301, 1917.

May 7, 1917, -

MP 51650 - 6 pcs. 36" pipe
" 56127 - 1 " 36" "

15 " 36" pipe - 120 ft. @ 1.44694825 \$173.64

Depreciation on Plant @ 22% 38.30

Interest on Investment @ 4.17% 7.25

AMOUNT OF THIS BILL: \$219.09

If material chargeable to Additions and Betterments, add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies, add freight at tariff rate, as below.

If chargeable to Joint Operating accounts, do not include freight in the bill, but when reporting for joint account, show weights so freight charges can be added as called for in contract.

RAW MATERIAL:

12000# cement from Bellingham @ .05
915# mesh reinforcing from St. Paul @ .90
510# reinforcing rods from Seattle @ .05

FINISHED PRODUCT:

70500# concrete pipe from Auburn to Kalama, Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

STORE

Mem. No.

E. M. W. - T. - 168 TO E. M. W. 1921

Department, Dr.

191

Engineering

1918

(Auburn Concrete Plant)

Jan 11, For concrete pipe shipped to W. C. Albee at Olympia, Wash.,
for culvert at Station 457+25, VCA #243 ST #4073.

August 29, 1917

NP 61212	3 Pcs. 24" concrete pipe=24 ft. @ 1.0818034	25.96
	Depreciation on plant @ 22%	5.71
	Amount of this Bill	\$31.67

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

1600# cement from Bellingham	@	.05
135# mesh reinforcing from St. Paul	@	.90
72# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

9755# concrete pipe from Auburn to Olympia, Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

191

TO

Department, Dr.

STORE

E. M. W. T.

E. M. W. T.

167 W. 1920

Engineering

(Auburn Concrete Plant)

1918

Jan. 11, For concrete pipe shipped to W. C. Albee at Olympia, Wash.,
for culvert at Station 484+12, WCA #243-ST 4073-

Aug. 29, 1917

NP 61212

3 Pcs. 24" concrete pipe-24 ft. @ 1.0818034 25.96

Depreciation on plant @ 22% 5.71

Amount of this Bill 31.67

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

1680# cement from Bellingham	@	.05
135# mesh reinforcing from St. Paul	@	.90
72# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

9763# concrete pipe from Auburn to Olympia, Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

191

STORE

O.E.M. W. 1919

E.M. T. 166 TO

Department, Dr.

1918

Engineering
(Auburn Concrete Plant)

Jan. 17, For concrete pipe shipped to W. C. Albee at Olympia, Wash.,
for culvert at MP 25+3155, WCA #241 ST #4071.

May 12, 1917

MP 61252 6 Pcs. 36" pipe - 48 ft. @ 1.44694825	69.46
Depreciation on plant @ 22%	15.28

Amount of this Bill

84.74

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

4800# cement from Bellingham	@ .05
366# mesh reinforcing from St. Paul	@ .90
204# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

28200# concrete pipe from Auburn to Olympia, Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

191

STORE Q.E.N. of W. 1918
E.M.W.-T-165 TO

Department, Dr.

Engineering

1918

(Auburn Concrete Plant)

Jan. 16, For concrete pipe shipped to W. C. Albee at Olympia,
Wash., for culvert at NP 464+93, SCA #243-ST #4073.

May 12, 1917.

NP 61217 6 Pcs. 24" pipe 48 ft. @ 1.0818034
Depreciation on plant @ 22%

51.93

11.42

Amount of this Bill

\$63.35

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

3300# cement from Bellingham	@ .05
270# mesh reinforcing from St. Paul	@ .90
144# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

19530# concrete pipe from Auburn to Olympia, Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

191

E. M. W. - T- 164

TO

ENGINEERING

Department, Dr.

1916 Q. E. M. of W. 1917 (Auburn Concrete Plant)

Jan. 17,- For concrete pipe shipped to W.C. Albee at Olympia, Wash.,
for culvert at M.P. 27+3432, WCA #241,-ST #4071.

May 12, 1917,

MP 61252 - 6 pcs. 24" pipe 48 ft.	@ 1.0818034	\$51.93
Depreciation on Plant	@ 22%	<u>11.42</u>
AMOUNT OF THIS BILL		\$63.35

If material chargeable to Additions and
Betterments, add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies,
add freight at tariff rate, as below.

If chargeable to Joint Operation Accounts,
do not include freight in the bill, but
when reporting for joint account show weights
so freight charges can be added as called
for in contract.

RAW MATERIAL:

3300# cement from Bellingham	@ .05
270# mesh reinforcing from St. Paul	@ .90
144# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

19530# concrete pipe from Auburn to Olympia, Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

191

STORE

E. M. W. - T- 163

TO

Department, Dr.

1918

Q. E. M. of W. 1916

Engineering

(Auburn Concrete Plant)

Jan. 14, For concrete pipe shipped to W. C. Albee at Winlock,
Wash., for culvert at MP 76+4563 WCA #211 ST #4032

August 20, 1917

MP-69917

5 Pcs. 24" concrete pipe=40 ft. @ 1.0818034 43.27

Depreciation on plant @ 22%

9.52

52.79

Interest on Investment @ 4.17%

1.80

Amount of this Bill

\$54.59

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

2750# cement from Bellingham	@ .05
225# mesh reinforcing from St. Paul	@ .90
120# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

16275# concrete pipe from Auburn to Winlock, Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

191

1918

TO

Engineering

Auburn Concrete Plant)

Department, Dr.

Jan. 11, For concrete pipe shipped to W. C. Albee at Winlock, Wash., for culvert at LP 76+2696 WCA #211 ST #4032.

August 20, 1917

NP 69917

5 Pcs. 24" concrete pipe=40 ft. @ 1.0818034
Depreciation on plant @ 22%

43.27

9.52

52.79

1.80

Interest on Investment @ 4.17%

Amount of this Bill

\$ 54.59

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

RAW MATERIAL:

2750# cement from Bellingham

@ .05

225# mesh reinforcing from St. Paul

@ .90

120# reinforcing rods from Seattle

@ .05

FINISHED PRODUCT:

16275# concrete pipe from Auburn to Winlock, Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

191

STORE

E. M. W. - T -

TO

Engineering

O. E. M. of W.

(Auburn Concrete Plant)

Department, Dr.:

1918.

Jan. 13, For concrete pipe shipped to W. C. Albee at Winlock, Wash.,
for culvert at MP 73+823, WCA #311-ST 4032

1917 May 7- NP 61850- 4 Pos. 24" pipe

Aug 10- 68917- 2 24

6 " 24 " " --48 ft. @ 1.0818034

51.93

Depreciation on plant @ 33%

77.42

03.88

Interest on Investment	\$	4.174
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2.77

Amount of this bill

000000

[illegible]

If material chargeable to Additions and Betterments add freight charges on raw material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include freight in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

RAW MATERIALS:

370# cement from Bellingham	@	.05
270# mesh reinforcing from St. Paul	@	.90
144# reinforcing rods from Seattle	@	.05

270# mesh reinforcing from St. Paul @ .90

144# reinforcing rods from Seattle @ .05

FINISHED PRODUCT:

19530# concrete pipe from Auburn to Winlock, Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

STORE

Mem. No.

E. M. W. - T - 160

TO

Department, Dr.

191

O. E. M. of W. 1913

Engineering

(Auburn Concrete Plant)

1918

Jan. 14, For concrete pipe shipped to W. C. Albee at Heison, Wash.,
for culvert at NP 9+477, WCA 4278-ST 4119.

August 29, 1917.

NP-61312 3 Pcs. 24" concrete pipe--24 ft. @ 1.0818034
Depreciation on plant @

25.96

5.71

Amount of this bill

\$ 31.67

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

1650# cement from Bellingham	@	.05
135# mesh reinforcing from St. Paul	@	.20
72# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

2765# concrete pipe from Auburn to Heison, Washington.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

191

TO

Department, Dr.

O. E. M. of W. 1912

Engineering
(Auburn Concrete Plant)

Jan. 14, For concrete pipe shipped to W. C. Albee at Lebanon, Wash.,
for culvert at NP 37+4158, WCA #272-ST 4112.

August 29, 1917

NP-63192

4 Pcs. 24" concrete pipe--32 ft. @ 1.0818034
Depreciation on plant @ 23%

34.83
7.92

Amount of this bill

\$ 42.75

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
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weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

2300# cement from Bellingham	@	.05
180# mesh reinforcing from St. Paul	@	.90
96# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

12080# concrete pipe from Auburn to Lebanon, Washington.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

STORE

Mem. No.

TO

Department, Dr.

191

E. M. W. - T -

159

1911

Engineering

O. E. M. of W. (Auburn Concrete Plant)

1918.

Jan. 14, For concrete pipe shipped to W. C. Albee at Helson, Wash.,
for culvert at NP 7+1023-WC 2272-ST # 4129-

August 29, 1917.

NP-61212

3 Pcs. 24" concrete pipe-24 ft. @ 1.0818034
Depreciation on plant @ 22%

25.96

5.70

Amount of this bill

\$ 31.67

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

1850# cement from Bellingham	@	.05
135# mesh reinforcing from St. Paul	@	.90
72# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

9765# concrete pipe from Auburn to Helson, Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

191

STORE

E. M. W. - T - 158 TO

1918 E. M. of W. 1910

Engineering
(Auburn Concrete Plant)

Department, Dr.

Jan. 14, For concrete pipe shipped to W. C. Albee at Nisqually,
Washington, for culvert at NP 22+1630 WCA #205 ST #4024

August 7, 1917

NP 64151	5 Pcs. 24" concrete pipe=40 ft. @ 1.0818034	43.27
	Depreciation on plant @ 22%	9.52
		52.79
	Interest on Investment @ 4.17%	1.80
	Amount of this Bill	\$54.59

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts do not include
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

2750# cement from Bellingham	@ .05
225# mesh reinforcing from St. Paul	@ .90
120# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

16273# concrete pipe from Auburn to Nisqually, Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

TO

Department, Dr.

191

E. M. W. - T - 157

O. E. M. of W. 1909 Engineering

1918

(Auburn Concrete Plant)

Jan. 12. For concrete pipe shipped to W. C. Albee at Nisqually,
Washington, for culvert at MP 22+1780 WCA #205 ST #4024

August 7, 1917.

MP 66587	5 Pcs. 24" concrete pipe=40 ft. @ 1.0618034	43.27
	Depreciation on plant @ 22%	9.52
		52.79
	Interest on Investment	1.80
	Amount of this Bill	\$54.59

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

2750# cement from Bellingham	@ .05
225# mesh reinforcing from St. Paul	@ .90
120# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

16275# concrete pipe from Auburn to Nisqually, Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

E. M. W. - T - 156 TO

1918

O. E. M. of W.

1908

Engineering

(Auburn Concrete Plant)

Department, Dr.

Jan. 12, For concrete pipe shipped to W. C. Albee at Nisqually,
Washington, for culvert at NP 23+885 WCA #205 ST #4024

August 7, 1917

NP 66587 7 Pos. 24" concrete pipe=56 ft. @ 1.0818034 60.58
Depreciation on plant 22% 13.33

73.91

Interest on Investment 4.17%

2.53

Amount of this Bill

376.44

If material chargeable to Additions and
Betterments add freight charges on raw
material at 70% of tariff, as below.

If chargeable against outside companies
add freight at tariff rate, as below.

If chargeable to Joint operating accounts
do not include freight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

3850# cement from Bellingham	@ .03
315# mesh reinforcing from St. Paul	@ .90
168# reinforcing rods from Seattle	@ .08

FINISHED PRODUCT:

22785# concrete pipe from Auburn to Nisqually, Wash.

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.