



Northern Pacific Railway Company.
Engineering Department Records.

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NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

191

TO

Department, Dr.

E. M. W. - T - 155

O. E. M. of W.

1907

Engineering

1918

(Auburn Concrete Plant)

Jan. 16, For concrete pipe shipped to W. C. Albee at Nisqually,
Wash., for culvert at KP 22+1466, WOA #205 ST 4024

August 7, 1917

KP 64151	7 Pcs. 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	\$76.44

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	@ .05
315# mesh reinforcing from St. Paul	@ .90
168# reinforcing rods from Seattle	@ .05

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.

NORTHERN PACIFIC RAILWAY CO. } ACCOUNTING DEPARTMENT.

ACCOUNTING DEPARTMENT.

Voucher No. _____

Amount \$-----

In favor of _____

Address.....

Voucher prepared and entered in month of _____ 191__

Mem. No.

[illegible]

NOTE.—This side must be filled up by the person against whom bill is rendered.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

191

STORE

E. M. W. - T - 154 TO

1918

O. E. M. of W. 1906

Engineering

(Auburn Concrete Plant)

Department, Dr.

Jan. 12, For concrete pipe shipped to W. C. Albee at Steilacoom, Washington, for culvert at MP 15+2192 WCA #203 ST #4022.

August 7, 1917

Sp 63250	7 Pcs. 24" concrete pipe=56 ft. @ 1.0818043	60.58
	Depreciation on plant @ 22%	13.33
		73.91
	Interest on Investment @ 4.17%	2.53
	Amount of this Bill	\$76.44

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	@ .05
315# mesh reinforcing from St. Paul	@ .90
168# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

22785# concrete pipe from Auburn to Steilacoom, 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

STONE

E. M. W. - T - 13 TO

1918 O. E. M. of W. 1905 Engineering
(Auburn Concrete Plant)

Department, Dr.

Jan. 12, For concrete pipe shipped to W. C. Albee at Steilacoom,
Washington, for culvert at MP 15+1671 WCA #203 ST #4022

August 7, 1917.

MP 63260	5 Pos. 24" concrete pipe-40 ft. @ 1.0818043	43.27
	Depreciation on plant @ 22%	9.52
		<u>52.79</u>
	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 Steilacoom, 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. - 7-152 TO

Department, Dr.

Q.E.M. of W. 1904

Engineering

1918

(Auburn Concrete Plant)

Jan. 11, For concrete pipe shipped to W. C. Albee at Steilacoom,
Washington, for culvert at NP 12-1169, WCA #203 ST #4022

August 20, 1917

NP 41000	6 Pcs 24" concrete pipe=48 ft. @ 1.0518034	51.93
	Depreciation on plant @ 22%	11.42
		<u>63.35</u>
	Interest on Investment @ 4.17%	2.17
	Amount of this Bill	<u>\$65.52</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:

3300# cement from Bellinzham	@	.05
270# mesh reinforcing from St. Paul	@	.90
14# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

19530# concrete pipe from Auburn to Steilacoom, 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. 151 TO

Department, Dr.

O. E. M. of W. 1903 Engineering

1918

(Auburn Concrete Plant)

Jan. 11, For concrete pipe shipped to W. C. Albee at Steilacoom, Wash., for culvert at NF 1542049, WCA #203-ST 4022.

August 20, 1917

NF 1014	6 Pcs. 24" concrete pipe-48 ft. @ 1.0818034	51.93
	Depreciation on plant @ 22%	11.42
		<u>63.35</u>
	Interest on Investment @ 4.17%	2.17
		<u>\$65.52</u>
	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.

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 Steilacoom, 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.

191

E. M. W. - T. 150 TO

Department, Dr.

1918 C.E.M. of W. 1902 Engineering
(Auburn Concrete Plant)

Jan. 11, For concrete pipe shipped to W. C. Albee at Steilacoom,
Washington, for culvert at MP 12+899, WCA #203-ST 4022

August 20, 1917

MP 41000	5 Pcs 24" concrete pipe=40 Ft. @ 1.0813034	43.27
	Depreciation on plant @ 22%	9.52
		<u>52.79</u>
	Interest on Investment @ 4.17%	1.80
		<u>54.59</u>
	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 Steilacoom, 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.

STOCK
E. M. W. - T-149
1918 C. E. M. & W. 1901 Engineering
(Auburn Concrete Plant)

Jan. 14, For concrete pipe shipped to W. C. Albee at Steilacoom, Wash., for culvert at MP 11+5064, WCA #203 ST #4022.

June 25, 1917

MP 68470	5 Pcs. 24" 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 Steilacoom, Wash.

APPROVED:

Chief Engineer of Maintenance of Way.

that the above account is correct:

red, correct:

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 -

TO

Engineering

Department, Dr.

O. E. M. of W. 1900 (Auburn Concrete Plant)

1918.

Jan. 15, For concrete pipe shipped to W. C. Albee at Steilacoom, Wash.,
for culvert at NP 12-298-WCA #303-ST 4022.

June 25, 1917.

NP-63725-6 Pcs. 24" pipe-48 ft. @ 1.0818034
Depreciation on plant @ 32%

.51.93
11.42

Interest on Investment @ 4.17%

\$ 63.25
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
370# mesh reinforcing from St. Paul	@	.90
144# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

19530# concrete pipe from Auburn to Steilacoom, 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-147

TO

Department, Dr.

191

O. E. M. of W.

Engineering

(Auburn Concrete Plant)

1918

Jan. 13, For concrete pipe shipped to W. C. Albee at Steilacoom, Wash., for culvert at Mile Post 12+543, WCA #203-ST 4022.

June 25, 1917.

HP-68470-	5 Pcs. 24" pipe - 40 ft.	@ 1.0818034	43.27
	Depreciation on plant	@ 23%	9.53
			<hr/> 52.79
	Interest on Investment	@ 4.17%	1.80
			<hr/> \$ 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
130# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

16275# concrete pipe from Auburn to Steilacoom, 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. - 146

TO

Department, Dr.

191

1918 E. M. of W.

Engineering

(Auburn Concrete Plant)

Jan. 12, For concrete pipe shipped to W. C. Albee at Steilacoom, Wash., for culvert at MP 23+643, WCA #203, UT #4022.

1917-June 25-MP 68470	3 Pos. 24" pipe		
1917-Aug. 20-MP 1014	3 Pos. 24" pipe		
	5 Pos. 24" pipe 40 ft. @ 1.0818034		43.27
	Depreciation on plant @ 22%		9.52
			<u>52.79</u>
	Interest on Investment @ 4.17%		1.80
			<u>54.59</u>
	Amount of this Bill		<u>54.59</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:

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 Steilacoom, 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

Department

STORE

Order No.

Mem. No.

191

TO

Department, Dr.

O. E. M. of W.
1918ENGINEERING
(Auburn Concrete Plant)

Jan. 17,- For concrete pipe shipped to W.C. Albee, at Steilacoom,
Washington, for culvert at MP 11+15, WCA #203, ST #4022.

June 12, 1917,-

NP 69659 - 6 pos. 24" pipe - 48 ft. @ 1.0818034	\$51.93
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 Steilacoom, 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

O. E. M. of W.

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

1918

Jan. 16, For concrete pipe shipped to W. C. Albee at Steilacoom, Wash.,
for culvert at NP 10+3336-TCA #203-ST 4032.

June 13, 1917.

NP-66935 - 5 Pcs. 34" pipe - 40 ft.	@	1.0618034	43.37
Depreciation on plant	@	32¢	9.52
			<hr/>
Interest on Investment	@	4.17¢	53.79
			1.80
			<hr/>
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:

3750# cement from Bellingham	@	.05
335# mesh reinforcing from St. Paul	@	.80
130# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

16275# concrete pipe from Auburn to Steilacoom, 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

Q. E. M. of W.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

STORE

1918

Jan. 16, For concrete pipe shipped to W. O. Albee at Steilacoom, Wash.,
for culvert at MP 11+4361-WCA-1202-ST 4022

June 12, 1917.

NP-61453-7 Pos. 24" pipe-56 ft. @ 1.0818034	60.58
Depreciation on plant @ 22%	13.33

Interest on Investment @ 4.17%	\$ 73.01
	3.53

Amount of this Bill	\$ 76.44
---------------------	----------

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 @	.05
315# mesh reinforcing from St. Paul @	.90
168# reinforcing rods from Seattle @	.05

FINISHED PRODUCT:

22765# concrete pipe from Auburn to Steilacoom, Wash.

at the above account is correct:

correct:

is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

E. M. W. - 142

Mem. No.

191

1918 Q. E. NEW W.

TO

Engineering

Department, Dr.

(Auburn Concrete Plant)

Jan. 16, For concrete pipe shipped to W. C. Albee at Steilacoom, Wash.,
for culvert at NP 11+3915-WCA #203-ST 4033.

June 13, 1917.

NP-69652-8 Pcs. 24" pipe	- 64 ft. @ 1.0818034	69.24
NP-61452-2 Pcs. 24" pipe		
Depreciation on plant	@ 33%	15.23
Interest on Investment	@ 4.17%	\$ 84.47
		3.89
Amount of this bill		\$ 57.36

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	@	.20
193# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

26040# concrete pipe from Auburn to Steilacoom, 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.

STORE

191

TO

Department, Dr.

O. E. M. of W.
1918

Engineering

(Auburn Concrete Plant)

Jan. 16, For concrete pipe shipped to W. G. Albee at Steilacoom, Wash.,
for culvert at NP 10+3816.

June 13, 1917.

NP-81453-2 Pos. 84" pipe) = 40 ft.	@ 1.0818034	43.27
NP-86935-2 Pos. 84" pipe)		
Depreciation on plant	@ 33%	9.53
Interest on Investment	@ 4.17%	52.79
Amount of this bill		1.80
		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:

3750# 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 Steilacoom, 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

Q. E. M. of W.

1918

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

Jan. 16, For concrete pipe shipped to W. C. Albee at Steilacoom, Wash. for culvert at MP 10+3706-WCA-5203-ST 4022

June 12, 1917.

NP 66935 - 5 Pcs. 24" pipe @ 40 ft. @	1.0818034	43.87
Depreciation on plant @	22%	9.52
		<u>\$ 52.79</u>
Interest on Investment @	4.17%	1.80
		<u>54.59</u>
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 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 Steilacoom, 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.

191

E. M. W. - T - 129 TO Engineering
G. E. M. of W. 1891 (Auburn Concrete Plant)

Department, Dr.

1918.

Jan. 15, For concrete pipe shipped to W. C. Albee at Steilacoom, Wash.,
for culvert at NP 114958-WCA #203-ST-4022.

June 25, 1917.

NP-23725-5 For. 34" pipe - 48 ft. @ \$1.0818034

51.93

Depreciation on plant @ 23%

11.42

Interest on Investment @ 4.17%

\$ 63.35

2.17

Amount of this bill

\$ 65.53

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.

RAW MATERIAL:

3300# cement from Bellingham

@

.05

270# mesh reinforcing from St. Paul

@

.80

144# reinforcing rods from Seattle

@

.05

FINISHED PRODUCT:

19530# concrete pipe from Auburn to Steilacoom, 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. W. W. - T. 138

TO

Department, Dr.

191

O. E. M. of W. 1890

Engineering

(Auburn Concrete Plant)

1918

Jan. 15, For concrete pipe shipped to W. C. Albee at Steilacoom, Wash.,
for culvert at MP 15+3564-WCA #303-ST 4035

May 14, 1917.

NP-68153--4 Pcs. 36" pipe--33 ft. @ 1.44694835
Depreciation on plant @ 33¢

46.30

10.18

\$ 56.48

1.93

Interest on Investment @ 4.17%

Amount of this bill

\$ 58.43

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
344# mesh reinforcing from St. Paul	@	.90
136# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

18800# concrete pipe from Auburn to Steilacoom, 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

Department, Dr.

O. E. M. of W. 1889 (Auburn Concrete Plant)

Jan. 18, For concrete pipe shipped to W. C. Albee at Steilacoom, Wash.,
culvert at NP 15+2937, WOA 5203-ST 4032

1917-May 14-NP 68153-4 Pec. 34" pipe

June 25, NP 68859-12 Pec. 34" pipe

18 " 34" " -128 ft. @ 1.0818034

138.48

Depreciation on plant @ 33%

30.46

Interest on Investment @ 4.17%

168.94

5.78

Amount of this bill

174.72

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
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

8800# cement from Bellingham @

.05

730# mesh reinforcing from St. Paul @

.90

384# reinforcing rods from Seattle @

.05

FINISHED PRODUCT:

52080# concrete pipe from Auburn to Steilacoom, 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-136 TO

Engineering

Department, Dr.

Q. E. M. of W.

1916.

1888

(Auburn Concrete Plant)

Jan. 10, For concrete pipe shipped to W. C. Albee at Ketron, Wash.,
for culvert at NP 16+4831, WCA 4304-ST 4023.

Sept. 30, 1917.

NP 64806	6 Pcs. 24" concrete pipe- 48 ft. @ 1.0816034	51.93
	Depreciation on plant @ 23%	11.43
		<u>63.36</u>
	Interest on Investment @ 4.17%	2.17
		<u>65.53</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:

3300# cement from Bellingham	@	.05
370# mesh reinforcing from St. Paul	@	.90
144# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

19530# concrete pipe from Auburn to Ketron, 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.

E. M. W. - T-135

TO

Engineering

Department, Dr.

191

D. E. M. of W.

1887

(Auburn Concrete Plant)

1918.

Jan. 10, For concrete pipe shipped to W. C. Albee at Ketron, Wash.,
for culvert at NP 16+627, WCA 2204-ST 4023.

Sept. 30, 1917.

NP 69008	4 Pcs, 24" concrete pipe 33 ft. @ \$1.0818034	24.62
	Depreciation on plant @ 22%	7.62
		\$ 42.24
	Interest on Investment @ 4.17%	1.44
		\$ 43.68

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

FINISHING PRODUCT:

12020# concrete pipe from Auburn to Ketron, 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 - 134 TO

O. E. M. of W. 1886

Engineering
(Auburn Concrete Plant)

Department, Dr.

Jan. 10, For concrete pipe shipped to W. C. Albee at Ketron, Wash.
for culvert at HP 10+1243, WCA 4304-ST4023.

Sent. 30, 1917.

HP 69008	5 Pcs. 24" concrete pipe 40 ft. @ 1.0618034	43.37
	Depreciation on plant @ 32%	9.53
		<u>52.79</u>
	Interest on Investment @ 4.17%	1.80
		<u>54.59</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 MATERIALS

3750# cement from Bellingham	@	.05
235# mesh reinforcing from St. Paul	@	.90
120# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

16275# concrete pipe from Auburn to Ketron, 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. 133 TO

O. E. M. of W.

1885

Department, Dr.

1918

ENGINEERING
(Auburn Concrete Plant)

Jan. 17,-

For concrete pipe shipped to W.C. Albee, at Sixth Avenue,
Wash., for culvert at MP 6+4507, WCA #202, ST #4021.

June 12, 1917,-

NP 63735 - 11 pcs. 24" pipe - 88 ft.	@ 1.0818034	\$95.20
Depreciation on Plant	@ 22%	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:

35505# concrete pipe from Auburn to Sixth Avenue, 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. - 132 TO

O. E. M. of W.

1884

ENGINEERING
(Auburn Concrete Plant)

Department, Dr.

1918

Jan. 17,-

For concrete pipe shipped to W. C. Albee, at Sixth Avenue,
Wash., for culvert at MP 6+4705,-

June 12, 1917 - MP 66025 - 2 pos. 24" pipe.

" 12, " " 63735 - 1 " 24" "

" 12, " " 66377 - 4 " 24" "

7 pos. 24" pipe - 56 ft. @ 1.0818034 \$60.58

Depreciation on Plant @ 22% 13.33

Interest on investment, @ 4.17% 73.91

2.53

AMOUNT OF THIS BILL: \$76.44

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	@ .05
315# mesh reinforcing from St. Paul	@ .90
166# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

22785# concrete pipe from Auburn to Sixth Avenue, 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- 131 TO

O. E. M. of W.

1883 ENGINEERING
(Auburn Concrete Plant)

Department, Dr.

1918

Jan. 17,-- For concrete pipe shipped to W.C. Albee at Sixth Avenue, Washington, for culvert at MP 7+45, WCA #202, BT 4021.

June 12, 1917,--

MP 66025 - 10 pcs. 24" pipe - 80 ft. @ 1.0818034	\$86.54
Depreciation on Plant @ 22%	19.04
Interest on Investment @ 4.17%	105.58
	3.61
AMOUNT OF THIS BILL:	\$109.19

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.

RAW MATERIAL:

5500# cement from Bellingham	@ .05
450# mesh reinforcing from St. Paul	@ .90
240# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

32550# concrete pipe from Auburn to Sixth Avenue, 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.

STOCK

Mem. No.

E. M. W. - T-130

TO

ENGINEERING

Department, Dr.

191

1918

O. E. M. of W.

188

(Auburn Concrete Plant)

Jan. 17,- For concrete pipe shipped to W.C. Albee, at Sixth Avenue,
Wash., for culvert at MP 6+4242, WCA #202, ST 4021.

June 12, 1917 -

MP 66377 - 8 pos. 24" pipe - 64 ft. @ 1.0818034	\$69.24
Depreciation on Plant @ 22%	15.23
	84.47
Interest on Investment @ 4.17%	2.89
AMOUNT OF THIS BILL:	\$87.36

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 Sixth Avenue, 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-129 TO
O. E. M. of W. 1881Engineering
(Auburn Concrete Plant)

Department, Dr.

1918.

Jan. 11, For concrete pipe shipped to J. J. McCullough at Tacoma, Wash.,
for culvert at Station 13379+75-JJW #577-ST #10144-F #548-17.

Sept. 20, 1917.

NP-69385

6 Pcs. 24" concrete pipe-48 ft. @ 1.0618034
Depreciation on plant @ 22%

51.93

11.43

63.36

Interest on Investment @ 4.17%

8.17

\$ 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 Tacoma, 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 - 128

TO

Engineering

Department, Dr.

O. E. M. of W. 1880 (Auburn Concrete Plant)

1918

Jan. 13, For concrete pipe shipped to J. J. McCullough at Black River, Wash.,

1917-July 30-NP 65122-12 Pcs. 34" pipe

81380-13 " 34" "

35 " 34" "

--200 ft. @ 1.0818034

\$16.76

Depreciation on plant @ 33%

47.00

Interest on Investment @ 4.17%

\$ 363.96

8.73

Amount of this bill

\$ 272.98

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:

13750# cement from Bellingham

@

.05

1125# mesh reinforcing from St. Paul

@

.90

600# reinforcing rods from Seattle

@

.05

FINISHED PRODUCT:

81375# concrete pipe from Auburn to Black River, 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

O. E. M. of W.

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

1918.

Jan. 16, For concrete pipe shipped to J. J. McCullough at Sumner, Wash., for extension of culvert under track to serve Spencer & Fryer-JJM #356-RFA #40-17.

May 21, 1917.

Minn. Inter. 1166 - 2 Pcs. 24" pipe 16 ft. @ 1.0818034
Depreciation on plant @ 33%

17.31

3.81

Interest on Investment @ 4.17%

31.13

.72

Amount of this bill

\$ 21.84

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

FINISHED PRODUCT:

6710# concrete pipe from Auburn to Sumner, 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.

E. M. W. - T - 126

Mem. No.

191

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918. O. E. M. of W. 1878

Jan. 17, For concrete pipe shipped to J. J. McCullough, Auburn, Wash.
for Bridge- 12-2-JJM #95-ST #2770-F #3402-1918.

April 16, 1917.

HP 68071 - 9 Pcs. 24" pipe - 72 ft. @ 1.0818034
Depreciation on Plant @ 33%

77.89

17.14

Amount of this Bill

\$ 95.03

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:

4950# cement from Bellingham	@	.05	CWT
405# mesh reinforcing from St. Paul	@	.90	"
316# reinforcing rods from St. Paul	@	.90	"

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.

STORE

E. M. W. - T-25

Engineering
(Auburn Concrete Plant)

1918.

Jan. 19, For concrete slabs shipped to J. E. Craver-Ellensburg, Wash.,
for Bridge #124-JEC #933-ST #1347-F #3190-1918.

1917-August 1 -	HP 61853 -	2 single track slabs		
"	"	1 -	" 64470 -	$\frac{3}{4}$ " " " @ 100.538315
				402.15
			Depreciation on plant @ 33%	88.47
1917-August 1 -	HP 63665 -	2 double track slabs		
"	"	1 -	" 67338 -	$\frac{3}{4}$ " " " @ 89.757140
				355.03
			Depreciation on plant @ 33%	78.11
				<hr/>
			Amount of this Bill	\$ 933.76

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:

37600# cement from Bellingham	@ .05 CWT
2209# reinforcing rods from St. Paul	@ .20 "

FINISHED PRODUCT:

256800# concrete slabs from Auburn to Ellensburg, Wash.

STONE

E. M. W. - T- 124

1918

Engineering
(Auburn Concrete Plant)

Jan. 19. For concrete slabs shipped to J. E. Craver, Ellensburg,
Wash., for bridge at MP 4, 1st Dist. JEC #926 ST 1346
P 3190-16

1917	Sept. 18	MP	62550	2	single track slabs			
"	Nov. 23	"	64830	2	"	"	"	
"	" 23	"	63817	2	"	"	"	
"	" 23	"	64860	2	"	"	"	
"	" 23	"	61858	2	"	"	"	
"	" 23	"	61829	2	"	"	"	
				12	"	"	" @ 100.538215	1206.46
							Depreciation on plant @ 22%	265.42
							Amount of this Bill	\$1471.88
								=====

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:

60000/ cement from Bellingham @ .05
13256/ reinforcing rods from St. Paul @ .90

FINISHED PRODUCT:

399600/ concrete slabs from Auburn to Ellensburg, Wash.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

E. M. W. - T-122

Mem. No.

191

O. E. M. of W. 187

TO Engineering

Department, Dr.

(Auburn Concrete Plant)

Jan. 16, For concrete pipe shipped to J. E. Craver at Lester, Wash.,
for culvert at HP 54-1000-JEC \$ ST2993.

May 14, 1917.

HP-53061-7	48" pipe	72 ft.		
HP-51003-3	48" "		@ 3.0347432	318.50
	Depreciation on plant	@ 22%		48.07
Amount of this bill				\$ 366.57

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:

9000# cement from Bellingham	@	.05
2088# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

50670# concrete pipe from Auburn to Lester, 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

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918.

1874

Jan. 17, For concrete pipe shipped to J. E. Craver at Lake, Washington,
for culvert at KP 16+1680-ST 43696+

April 3, 1917.

NP - 85461 - 4 Pcs. 34" pipe - 32 ft. @ 1.0818034
Depreciation on Plant @ 22%

34.62

7.62

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:

7200# cement from Bellingham	@ .05
180# mesh reinforcing from St. Paul	@ .90
96# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

13020# concrete pipe from Auburn to Lake, 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.

E. M. W. - T. 120

Mem. No.

191

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918 E. M. of W. 1873

Jan. 17, For concrete pipe shipped to J. E. Craver at Bothell, Wash.,
for culvert at NP 8+2343-ST #3976+

April 3, 1917.

NP 65461 - 3 Pcs. 34" pipe - 34 feet @ 1.0818034	35.96
Depreciation on Plant @ 23%	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 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 Bothell, 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

Department, Dr.

O. E. M. of W.

1872 (Auburn Concrete Plant)

1918.

Jan. 11. For concrete pipe shipped to J. E. Craver at Towanda, Wash.,
for Bridge 49, JEC 4922, ST #10231.

Sept. 6, 1917.

NP-60089

4 Box. 24" concrete pipe-32 ft. @ 1.0818034
Depreciation on plant

34.63

7.63

\$ 42.26

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.

RAW MATERIAL:

22004 cement from Bellingham	@	.05
1604 mesh reinforcing from St. Paul	@	.90
924 reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

120304 concrete pipe from Auburn to Towanda, 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.

TO

Engineering

Department, Dr.

191

E. M. W. T. 118
O. E. M. of W. 11871 (Auburn Concrete Plant)

1918.

Jan. 18, For concrete pipe shipped to J. E. Craver at Roslyn, Wash.,
for culvert at NP 84230 JEC 8332-ST 8532.

1917-July 25-NP 66671-7 Pos. 38" pipe

" 28-" 61694-6 Pos. 36" "

" 28-" 68232-2 Pos. 36" "

30 " 36" " --160 ft. @ 1.44394825 231.51

Depreciation on plant @ 32% 50.93

Amount of this bill \$ 282.44

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:

16000# cement from Bellingham	@	.05
1230# mesh reinforcing from St. Paul	@	.90
680# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

94000# concrete pipe from Auburn to Roslyn, 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. N. W. - T

TO

Department, Dr.

191

O. E. M. of W.

1870

Engineering
(Auburn Concrete Plant)

1918.

Jan. 11. For concrete pipe shipped to J. E. Craver at Falls City, Wash.,
for culvert at Station 1532+81-JEC #367-ST9232-PA327-1917.

Sept. 30, 1917.

HP-66783	8 Pcs. 36" concrete pipe-64 ft. @ 1.44694835	93.61
	Depreciation on plant @ 33%	<u>30.37</u>
		\$ 123.98

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
372# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

37200# concrete pipe from Auburn to Falls City, 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. 1/6

TO

Engineering

Department, Dr.

1918 O. E. M. of W.

1869

(Auburn Concrete Plant)

Jan. 17, For concrete pipe shipped to J.E. Craver at Kirkland, Wash.,
for culvert at NP 16+3123-JEC #231-ST \$ 3908+

April 3, 1917.

NP - 65913 - 8 Pcs. 24" - 64 ft. @ 1.0818034
Depreciation on Plant @ 33%

69.34

15.83

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:

35040# concrete pipe from Auburn to Kirkland.

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.

E. N. W. - T- 115 TO

Department, Dr.

191

O. E. M. of W.

1868

Engineering

(Auburn Concrete Plant)

1918.

Jan. 17, For concrete pipe shipped to J. E. Craverat Woodinville, Wash.,
for culvert at MP 23+3168-JEC #321-ST #3910+

May 4, 1917.

NP-66371-8 Pcs. 24" pipe - 64 ft. @ 1.0818034
Depreciation on plant @ 22%

69.34

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	@ .80
192# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

36040# concrete pipe from Auburn to Woodinville, 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

M. M. W. - T-114

TO

C. E. M. of W. 1867

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918.

Jan. 16, For concrete pipe shipped to J. E. Graver at Woodinville, Wash.,
for culvert at NP 21+512-JEC #231-ST #2904.

May 4, 1917.

NP 61988 - 8 Pcs 24" pipe - 64 ft. @ 1.0618034
Depreciation on plant @ 22%

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 Woodinville, 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. - J. 113

C. E. M. of W. 1866
1918.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

Jan. 17, For concrete pipe shipped to J. E. Craver at Monahan, Wash.,
for culvert at NP 39+2428-JEC 4221-ST 42906+

April 3, 1917.

NP-64934-4 Pcs. 24" pipe - 32 ft. @ 1.0818034
Depreciation on Plant @ 32%

34.62
7.63

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:

2300# cement from Bellingham	@ .05
180# mesh reinforcing from St. Paul	@ .30
95# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

13020# concrete pipe from Auburn to Monahan, 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.

E. M. W. - T- 112

Mem. No.

191

O. E. M. of W.
1918.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

Jan. 17, For concrete pipe shipped to J. E. Craver at Monahan, Wash.,
for culvert at MP 40+346-JEC #321-ST #2906+

April 3, 1917.

NP-64984 - 4 Per. 24" pipe - 32 ft. @ 1.0818034
Depreciation on Plant @ 22%

34.63

7.62

Amount of this Bill

\$ 42.25

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:

8200# cement from Bellingham

@ .05

180# mesh reinforcing from St. Paul

@ .60

96# reinforcing rods from Seattle

@ .06

FINISHED PRODUCT:

13000# concrete pipe from Auburn to Monahan, 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

TO

Department, Dr.

O. E. M. of W.

1918

Engineering

(Auburn Concrete Plant)

Jan. 17, For concrete pipe shipped to J. E. Craver at Stampede, Wash.,
for culvert at MP 49+1155, ST 2892.

May 14, 1917

MP 62366	4 Pcs. 24" pipe 32 ft. @ 1.0818034	34.62
	Depreciation on plant @ 22%	7.62
	Amount of this Bill	242.24

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 PRODUCT:

13020# concrete pipe from Auburn to Stampede, 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 - 110

TO

O. E. M. of W.
1918

1803

Engineering
(Auburn Concrete Plant)

Department, Dr.

Jan. 17, For concrete pipe shipped to J. S. Graver at East Auburn, Wash., for culvert at MP98+2367, ST 2895.

May 14, 1917

MP 61003	3 Pcs. 24" 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:

1650# cement from Bellingham	@ .05
135# mesh reinforcing from St. Paul	@ .90
72# reinforcing rods from Seattle	@ .03

FINISHED PRODUCT:

9765# concrete pipe from Auburn to East Auburn, 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 - 109 TO

Department, Dr.

191

Q. E. M. of W. 1862 ✓ Engineering
(Auburn Concrete Plant)Jan. 12, For concrete pipe shipped to J. E. Craver at Kountze,
Washington, for culvert at HP 12+2440 JSC # ST #

July 25, 1917

HP 66671	3 Pcs. 24" concrete pipe=24 ft. @ 1.0918034	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:

1650# cement from Bellingham	@ .05
135# mesh reinforcing from St. Paul	@ .90
22# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

9765# concrete pipe from Auburn to Kountze, 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

Department

Order No.

Mem. No.

191

E. M. W. - T-108 TO
O. E. M. of W. 1861

Department, Dr.

Engineering
(Auburn Concrete Plant)Jan. 17, For concrete pipe shipped to J. H. Craver at Thorp, Wash.,
for culvert at RP 13+226 at 2891

May 14, 1917

RP 62386	3 Pcs. 24" pipe	24 ft. @ 1.0816034	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:

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 Thorp, 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. 107

TO

Department, Dr.

191

O. E. M. of W. 1860

Engineering

(Auburn Concrete Plant)

Jan. 17, For concrete pipe shipped to J. E. Craver at Thorp, Wash.,
for culvert at MP 13+700, ST #2891

May 14, 1917

MP 62366	4 Nos. 24" pipe	32 ft. @ 1.0818034	34.62
	Depreciation on plant @ 22%		7.62

Amount of this Bill

542.24

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 PRODUCT:

13020# concrete pipe from Auburn to Thorp, 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

Department

Order No.

Mem. No.

191

E. M. W. - T - 106
STORE

TO

Department, Dr.

O. E. M. of W.

1859

Engineering

(Auburn Concrete Plant)

1918.

Jan. 17, For concrete pipe shipped to J. E. Craver, Acme, Wash.,
for culvert at NP 105+1222 - ST 2904 - JEC 221.

April 7, 1917.

NP 61491 - 8 Pcs. 34" pipe - 64 ft. @ 1.0818034
Depreciation on plant @ 23%

69.34

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	OWT
360# mesh reinforcing from St. Paul	@	.60	"
192# reinforcing rods " " "	@	.90	"

FINISHED PRODUCT:

26040# concrete pipe from Auburn to Acme

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-105

Mem. No.

191

O. E. M. of W.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918.

1858

Jan. 18, For concrete pipe shipped to J. E. Graver at Redmond, Wash.,
for culvert at NP 33+3030-JEC 4331 ST 43908.

April 3, 1917.

NP 64889 - 4 Pcs. 34" pipe - 32 ft. @ 1.0818034
Depreciation on plant @ 33¢

34.63

7.62

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 accounts show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

3200# cement from Bellingham

@ .05

150# mesh reinforcing from St. Paul

@ .90

93# reinforcing rods from Seattle

@ .05

FINISHED PRODUCT:

13080# concrete pipe from Auburn to Redmond.

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- 104

O. E. M. of W.
1918.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

Jan. 17, For concrete pipe shipped to J. E. Craver at Redmond, Wash.,
for culvert at NP 32+2670-JEC #221-ST #2905+

April 3, 1917.

NP-64889 - 4 Pcs. 34" pipe - 32 ft. @ 1.0618034
Depreciation on plant @ 22%

34.82

7.62

Amount of this bill

\$ 42.34

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 on the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

23004 cement from Bellingham	@ .05
1804 mesh reinforcing from St. Paul	@ .90
964 reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

130204 concrete pipe from Auburn to Redmond, 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

O. E. M. of W. 1856 TO
E. M. W. - T - 103

Department, Dr.

ENGINEERING
(Auburn Concrete Plant)

1918

Jan. 17, - for concrete pipe shipped to J. H. Graver, at Cooper, Washington, for culvert at RP 5+1500, JEC #221, ST #2911.

May 4, 1917, -

RP 66773 - 3 pce. 24" 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:

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 Cooper, 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-102 TO

Department, Dr.

191

O. E. M. of W.

1855

Engineering

(A burn Concrete Plant)

1918.

Jan. 17, For concrete pipe shipped to J. E. Craver, Wickersham, Wash.,
for culvert at MP 89+3350 - ST-3803.

April 7, 1917.

NP 61491 - 4 Pcs. 24" pipe - 32 ft. @ 1.0818034
Depreciation on Plant @ 32%

34.63

7.62

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 fr eight in the bill, but
when reporting for joint account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

2300# cement from Bellingham	@ .05 CWT
180# mesh reinforcing from St. Paul	@ .90 "
86# reinforcing rods " " "	@ .80 "

FINISHED PRODUCT:

13030# 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

Order No.

STORE

Mem. No.

O. E. M. of W. TO 1854

Department, Dr.

191

E. M. W. - T - 101

ENGINEERING

(Auburn Concrete Plant)

1918

Jan. 17,- For concrete pipe shipped to J.E. Craver, at Wickersham, Washington, for culvert at MP 0+370, JAC #221, BT 2912.

May 4, 1917,-

MP 68773 - 5 pcs. 24" pipe - 40 ft. @ 1.0818034	\$43.27
Depreciation on Plant @ 22%	<u>9.52</u>

AMOUNT OF THIS BILL:

\$52.79

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 Wickersham, 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 - 100 TO

O. E. M. of W. 1853

Engineering
(Auburn Concrete Plant)

Department, Dr.

Jan. 17, For concrete pipe shipped to J. E. Craver at Wickersham,
Wash., for culvert at NF 3+736, ST 2913

May 14th, 1917

NF 64418	3 Per. 24" 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:

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 Wickersham, 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 - 99

TO

O. E. M. of W.
1913

Engineering

(Auburn Concrete Plant)

Department, Dr.

Jan. 17, For concrete pipe shipped to J. E. Graver at Wickersham, Wash., for culvert at MP 3+368, ST 2913

May 14, 1917

MP 64418	3 Pos. 24" 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:

1650# cement from Bellingham	@ .05
130# mesh reinforcing from St. Paul	@ .90
72# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

9755# 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

Order No.

Mem. No.

191

TO

Department, Dr.

E. M. W. - T. 98

D. E. M. & W.

1851

Engineering

(Auburn Concrete Plant)

Jan. 17, For concrete pipe shipped to J. E. Craver at Wickersham, Wash., for culvert at MP 2+99, ST #2912.

May 14, 1917

NP 64418	4 Pcs. 36" pipe	32 ft. @ 1.44694825	46.29
	Depreciation on plant @ 22%		10.18
	Amount of this Bill		\$56.47

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:

3200# cement from Bellingham	@ .05
244# mesh reinforcing from St. Paul	@ .90
136# reinforcing rods from Seattle	@ .08

FINISHED PRODUCT:

18800# concrete pipe from Auburn to Wickersham, 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.

E. M. W. - T - 97

Engineering

(Auburn Concrete Plant)

Mem. No.

191

1918.

TO

Department, Dr.

O. E. M. of W. 1850

Jan. 17, for concrete pipe shipped to J. E. Craver at Thornwood, Wash.,
for culvert at MP 97+1056-ST 2902+

April 3, 1917.

NP - 65461 1/2	Pc. 24" pipe - 8 feet	@ 1.0618034	8.65
	Depreciation on Plant	@ 23¢	1.90

Amount of this Bill

\$ 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	@ .80
24¢ reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

3355¢ concrete pipe from Auburn to Thornwood.

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-96

TO

Department, Dr.

191

O. E. M. of W.

Engineering

1918

(Auburn Concrete Plant)

Jan. 17, For concrete pipe shipped to A. Herider at Blue Canyon,
Wash., for culvert at NF 4+4289, ST 2914.

June 8, 1917.

NF 62455 5 Pcs. 24" pipe 40 ft. @ 1.0818034
Depreciation on Plant @ 22%

43.27

9.52

Amount of this Bill

\$52.79

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 Blue Canyon, 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

C. M. W. - T-95

TO

O. E. M. of W.

1848

Engineering

Department, Dr.

1918

(Auburn Concrete Plant)

Jan. 17, For concrete pipe shipped to A. Harider at Blue Canyon, Wash., for culvert at MP 7+3480, ST 2914.

June 8, 1917.

MP 62455	3 Pcs. 24" 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:

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 Blue Canyon, 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

Department

Order No.

Mem. No.

191

E. M. W. - T-94

1918

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

C. E. M. of W. 184

Jan. 17, for concrete pipe shipped to A. Herider, Bellingham, Wash., for culvert at HP 17-644, ST 2917.

June 8, 1917

HP 67123

3 Pcs. 24" pipe 24 ft. @ 1.0818034
Depreciation on plant @ 22%

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	@ .90
72# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

9765# concrete pipe from Auburn to Bellingham, 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

L. M. W. - T-93

TO

O. E. M. of W. 1846

Engineering

(Auburn Concrete Plant)

Department, Dr.

Jan. 17, For concrete pipe shipped to A. Herider, Agate Bay, for
culvert at WP 464+93, WCA #243-ST #4073.

May 12, 1917.

NP 61217	4 Pcs. 24" pipe	48 ft. @ 1.0818034	34.62
	Depreciation on plant	@ 22%	7.62
	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:

2200# cement from Bellingham	@ .05
180# mesh reinforcing from St. Paul	@ .90
96# reinforcing rods from Seattle	@ .08

FINISHED PRODUCT:

13020# concrete pipe from Auburn to Agate Bay, 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

TO

Department, Dr.

E. M. W. - T - 92845 Engineering
C. E. M. of W. T845 (Auburn Concrete Plant)

1918

Jan. 13, For concrete pipe shipped to A. Harider at Reolyn, Wash.,
for culvert at NP 5+3838-JEC # ST #3819.

July 30, 1917.

NP-51969

3 Pcs. 34" concrete pipe--34 ft. @ 1.0818034
Depreciation on plant @ 23%

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	@	.90
73# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

8765# concrete pipe from Auburn to Reolyn, 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.

191

E. M. W. - T. - 91

TO

Engineering

Department, Dr.

Q. E. M. of W.

1844

(Auburn Concrete Plant)

1918

Jan. 13, For concrete pipe shipped to A. Harider at Roslyn, Washington,
for culvert at WP 4-3183-JEC 4 ST # 2918-

July 30, 1917.

NP-51869

3 Pos. 24" concrete pipe--24 ft. @ 1.0818034
Depreciation on plant @ 22%

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 Roslyn, 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.

1843 ENGINEERING
(Auburn Concrete Plant)

January 17,- For concrete pipe shipped to A. Herider, at Silver Beach, Wash., for culvert at MP 13+2023, ST #2916.

June 8, 1917,-

MP 69870 - 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 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 Silver Beach, 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.

O. E. M. of W.

1918

TO

ENGINEERING

(Auburn Concrete Plant)

Department, Dr.

Jan. 17,- For concrete pipe shipped to A. Herider, at Silver Beach, Washington, for culvert at NF 12+5057, ST #2916.

June 8, 1917,-

NF 59870 - 4 pcs. 24" pipe - 32 ft. @ 1.0818034	\$34.62
Depreciation on Plant @ 22%	<u>7.62</u>

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:

2200# cement from Bellingham	@ .05
180# mesh reinforcing from St. Paul	@ .90
96# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

13020# concrete pipe from Auburn to Silver Beach, 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. 88
C. E. M. of W. 1841

TO

Department, Dr.

1918

(Auburn Concrete Plant)

Jan. 17,- For concrete pipe shipped to Al Herider, at Silver Beach, Wash., for culvert at MP 14+1259, ST #2916,

June 8, 1917,-

MP 63372 - 4 pos. 24" pipe - 32 ft. @ 1.0618034 \$34.62

Depreciation on Plant @ 22% 7.62

AMOUNT OF THIS BILL:

\$42.24

If material chargeable to Additions and Settlements, 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 PRODUCT:

13020# concrete pipe from Auburn to Silver Beach, 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.

E. M. W. - T- 87

1840

ENGINEERING
(Auburn Concrete Plant)

1918

Jan. 17, - for concrete pipe shipped to A. Herider, at Silver Beach, Wash., for culvert at MP 14+218, ST #2916.

June 8, 1917 -

MP 63372 - 3 pos. 24" pipe - 40 ft. @ 1.0818034 \$43.27

Depreciation on plant @ 22% 9.52

AMOUNT OF THIS BILL: \$52.79

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 Silver Beach, 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

O. E. M. of W

1918

STONE

TO

ENGINEERING

(Auburn Concrete Plant)

Department, Dr.

Jan. 17,-

For concrete pipe shipped to A. Herider at Silver Beach, Wash., for culvert at MF 14+2016, BF #2916.

June 6, 1917,-

MF 67123 - 4 pos. 24" pipe - 32 ft. @ 1.0618034 \$34.62

Depreciation on Plant @ 22% 7.62

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:

2200# cement from Bellingham @ .05

180# mesh reinforcing from St. Paul @ .90

96# reinforcing rods from Seattle @ .05

FINISHED PRODUCT:

13020# concrete pipe from Auburn to Silver Beach, 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

C. E. M. of W.

TO

1838

ENGINEERING
(Auburn Concrete Plant)

Department, Dr.

1918

Jan. 17,- For concrete pipe shipped to A. Herider at Silver Beach,
Washington, for culvert at MP 14+2444, ST 2916 -

June 8, 1917,-

MP 67123 - 3 pcs. 24" 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:

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 Silver Beach, 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

STORE

E. M. W. T. 84

TO

Engineering

Department, Dr.

O. E. M. of W. 1837

(Auburn Concrete Plant)

1918.

Jan. 17, For concrete pipe shipped to Mr. A. Herider at Falls City, Wash.,
for culvert at NP 82+1790-JEC #321-ST 8908+

April 3, 1917.

NP 68599 - 9 Pcs. 24" pipe-72 ft. @ 1.0618034

77.89

Depreciation on plant @ 22%

17.14

Amount of this Bill

95.03

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:

49504 cement from Bellingham

@

.05

4054 mesh reinforcing from St. Paul

@

.80

2164 reinforcing rods from Seattle

@

.05

FINISHED PRODUCT:

393954 concrete pipe from Auburn to Falls City.

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

Department

Order No.

Mem. No.

191 1918

STORE

E. M. W. - T. 83

O. E. M. of W. TO

ENGINEERING

(Auburn Concrete Plant)

Department, Dr.

1836

Jan. 17,- For concrete pipe shipped to W.C. Sloan, for Fred Browne, at Grandview, Wash., for culvert under passing track, 2 WCS #164, ST #3837 - F-934-16.

May 9, 1917 -

RP 62881 - 1 pc. 36" pipe - 8 ft. @ 1.44694625

\$11.58

Depreciation on Plant

2.55

AMOUNT OF THIS BILL:

\$14.13

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:

800# cement from Bellingham	@ .05
61# mesh reinforcing from St. Paul	@ .90
34# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

4700# concrete pipe from Auburn to Grandview, 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-82
O. E. M. of W.

TO

1835

Engineering

(Auburn Concrete Plant)

Department, Dr.

1918

Jan. 9, For concrete pipe shipped to W. C. Sloan at Prosser, Wash.,
for culvert under industry track-WOS 612-ST9622-F 8474-17.

Sept. 25, 1917

NP 69292

3 Pcs 34" concrete pipe 16 ft. @ \$1.0818034
Depreciation on plant @ 22%

17.31

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
40# reinforcing rods from Seattle @ .08

FINISHED PRODUCT:

6710# concrete pipe from Auburn to Prosser, 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

1918

Engineering
(Auburn Concrete Plant)

Jan. 16, For concrete pipe shipped to W. C. Sloan, Ellensburg, Wash.,
for culvert at MP 103+3160, ST 3392.

May 7, 1917.

MP 64860 3 Pcs. 36" pipe-24 ft. @ 1.44694825	34.73
Depreciation on plant @ 22%	7.64
Amount of this Bill	242.37

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:

2400# cement from Bellingham	@ .05
183# mesh reinforcing from St. Paul	@ .90
102# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

14100# concrete pipe from Auburn to Ellensburg, 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-80

TO

Department, Dr.

Q. E. W. of W. 1833
1916
ENGINEERING
(Auburn Concrete Plant)

Jan. 17,- For concrete pipe shipped to W.C. Sloan, at Ellensburg,
Wash., for culvert at MP 107+5200, ST #3392.

May 7, 1917,-

MP 66637 - 3 pcs. 24" pipe - 24 ft. @ 1.0818034	325.96
Depreciation on Plant @ 22%	5.71

AMOUNT OF THIS BILL:

331.67

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 Ellensburg, 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

O. E. W. of W.

TO

1832

Department, Dr.

ENGINEERING

(Auburn Concrete Plant)

1918

Jan. 17, - For concrete pipe shipped to W.C. Sloan at Ellensburg, Washington, for culvert at HP 103+2310, BT #3392.

May 7, 1917 -

HP 64560 - 5 pcs. 24" pipe - 40 ft. @ 1.0018034	\$43.27
Depreciation on Plant @ 22%	<u>19.52</u>

AMOUNT OF THIS BILL:

\$62.79

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 Ellensburg, 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-78

TO

1831

Department, Dr.

1918

(Auburn Concrete Plant)

Jan. 17, - For concrete pipe shipped to W.C. Sloan, at Ellensburg, Wash., for culvert at MP 104+4900, ST 3392.

May 7, 1917 -

MP 54560 - 3 pcs. 24" 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:

1650# cement from Bellingham @ .05

135# mesh reinforcing from St. Paul @ .90

72# reinforcing rods from Seattle @ .03

FINISHED PRODUCT:

9765# concrete pipe from Auburn to Ellensburg, 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.

E. M. W. - T - 77

Engineering

Mem. No.

1918.

TO (Auburn Concrete Plant)

Department, Dr.

191

O. E. M. of W. 1830

Jan. 17, For concrete pipe shipped to W. C. Sloan, Ellensburg, Wash.,
for culvert at NP 114+1980 - ST #3393.

April 7, 1917.

NP - 61731 - 5 Pcs. 24" pipe - 40 ft. @ 1.0818934	43.27
Depreciation on Plant @ 83%	9.52

Amount of this Bill \$ 52.79

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:

3750# cement from Bellingham	@ .05 CWT
325# mesh reinforcing from St. Paul	@ .90 "
120# reinforcing rods from St. Paul	@ .90 "

FINISHED PRODUCT:

18375# concrete pipe from Auburn to Ellensburg.

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

Department

Order No.

Mem. No.

191

E. M. W. T. - 76 TO

Department, Dr.

1918 O. E. M. of W 1829 Engineering
(Auburn Concrete Plant)Jan. 17, For concrete pipe shipped to W. C. Sloan, Ellensburg,
Wash., for culvert at MP 97+4142 ST 3392

April 12, 1917

MP 63542	6 Pcs. 24" pipe	45 ft. @ 1.0618034	51.93
	Depreciation on plant @ 22%		11.42

Amount of this Bill	\$63.35
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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:

3300#	cement from Bellingham	@ .05
270#	mesh reinforcing from St. Paul	@ .90
144#	reinforcing rods from St. Paul	@ .90

FINISHED PRODUCT:

19530# concrete pipe from Auburn to Ellensburg.

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 - 75 TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918. E. M. of W. 1828

Jan. 17, For concrete pipe shipped to W. C. Sloan at Ellensburg, Wash.
for culvert at NP 114+700 - ST #3392.

April 7, 1917.

NP - 61731 - 5 Pcs. 34" pipe - 40 ft. @ 1.0818034
Depreciation on Plant @ 22%

43.27
9.52

Amount of this Bill

\$ 52.79

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 operating account
show weights so freight can be added
as called for in contract.

RAW MATERIAL:

3750# cement from Bellingham	@ .05	CWT
225# mesh reinforcing from St. Paul	@ .90	"
130# reinforcing rods from St. Paul	@ .90	"

FINISHED PRODUCT:

16275# concrete pipe from Auburn to Ellensburg.

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 - 74

TO

O. E. M. W.

1918.

1827

Engineering
(Auburn Concrete Plant)

Department, Dr.

Jan. 17, For concrete pipe shipped to W. C. Sloan, Ellensburg, Wash.,
for culvert at NP 130+3150-27 43792.

April 16, 1917.

NP 65937 - 3 Pcs. 24" pipe - 24 ft. @ 1.0618034
Depreciation on Plant @ 33%

35.86

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 CWT
135# mesh reinforcing from St. Paul	\$.80 "
72# reinforcing rods from St. Paul	\$.80 "

FINISHED PRODUCT:

9765# concrete pipe from Auburn to Ellensburg.

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.

E. M. W. - T- 73

Mem. No.

191

TO

Department, Dr.

STORE

1876

1918

Engineering
(Auburn Concrete Plant)

Jan. 17, For concrete pipe shipped to W. C. Sloan, Ellensburg, Wash.,
for culvert at MP 101+800 ST 3392.

April 12, 1917

MP 63642	3 Pcs. 24" 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:

1650# cement from Bellingham	@ .05
135# mesh reinforcing from St. Paul	@ .90
72# reinforcing rods from St. Paul	@ .90

FINISHED PRODUCT:

9765# concrete pipe from Auburn to Ellensburg.

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

TO

Department, Dr.

E. M. W. - T-72
O. E. M. of W.

1825

Engineering

1918

(Auburn Concrete Plant)

Jan. 17, For concrete pipe shipped to W. C. Sloan, Ellensburg,
Wash., for culvert at MP 103+1373 ST 3392

April 12, 1917

MP 63642 3 Pcs. 24" pipe 24 ft. @ 1.0818034
Depreciation on plant @ 22%

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	@ .90
72/ reinforcing rods from St. Paul	@ .90

FINISHED PRODUCT:

9765/ concrete pipe from Auburn to Ellensburg.

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

TO

Department, Dr.

191

Q. E. M. of W.

7/1824

ENGINEERING

(Auburn Concrete Plant)

1918

Jan. 17,-

For concrete pipe shipped W.C. Sloan at Toppenish,
Wash., for culvert at Sta. 96+45, WCB #325 - BY #5183,
T-416-17 -

May 9, 1917 -

RF 51168 - 4 pcw. 36" pipe - 32 ft. @ 1.44694825 \$46.29

Depreciation on Plant @ 22% 10.19

AMOUNT OF THIS BILL \$56.48

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.

RAW MATERIAL:

3200# cement from Bellingham @ .05
244# mesh reinforcing from St. Paul @ .90
136# reinforcing rods from Seattle @ .05

FINISHED PRODUCT:

11800# concrete pipe from Auburn to Toppenish, 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

1823

ENGINEERING

(Auburn Concrete Plant)

Department, Dr.

Jan. 17, - For concrete pipe shipped to W.C. Sloan at Toppenish, Wash., for culvert at station 442+80, WCS #325, ST #5163, P-416-17.

May 9, 1917 -

MP 61168 - 5 pcs. 24" pipe - 40 ft. @ 1.0818034	\$43.27
Depreciation on Plant @ 22%	<u>9.52</u>

AMOUNT OF THIS BILL:	\$52.79
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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:

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 Toppenish, 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.

191

TO

Department, Dr.

E. M. W. - T-69 1822

Engineering

(Auburn Concrete Plant)

1918.

Jan. 15, For concrete pipe shipped to F. C. Sloan at Toppenish Wash.,
for culvert at Station 308+58 Simcoe Branch-F #77-1917.

March 26-1917-NP-63716-2 Pa. 36" pipe-16 ft.

April 7-1917-NP-64134-2 " 36" " -16 "

4 " 36" " -32 " @ 1.44894825

46.29

Depreciation on plant @ 33%

10.19

Amount of this bill

56.48

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.

RAW MATERIAL:

3800# cement from Bellingham	@	.05 CWT
844# mesh reinforcing from St. Paul	@	.90 "
68# reinforcing rods from Seattle	@	.05 "

FINISHED PRODUCT:

18800# concrete pipe from Auburn to Toppenish, 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.

TO

Department, Dr.

191

L. M. W. - T - 88

O. E. M. of W. 1021

Engineering
(Auburn Concrete Plant)

1918.

Jan 18. For concrete slabs shipped to T. G. Sloan, Connell, Wash.,
for Bridge #106-FCS #628-ST & 10298 - F#2385-17+

1917 - October 17 - NP 69785 - 2 single track slabs

"	17	"	62870	-	2	"	"	"
"	17	"	60904	-	2	"	"	"
"	17	"	62863	-	2	"	"	"
"	17	"	60996	-	2	"	"	"
"	17	"	61170	-	2	"	"	"
					12	"	"	"

\$ 100.536315

1208.46

Depreciation on plant

\$ 234

265.42

Amount of this Bill

\$ 1471.88

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:

600004 cement from Bellingham

\$.05 CWT

122554 reinforcing rods from St. Paul

\$.90 "

FINISHED PRODUCT:

3998004 concrete slabs from Auburn to Connell, 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

W. T. 67
O.E.M. of W. 1820
1918Engineering
(Auburn Concrete Plant)

Jan. 18, For concrete slabs shipped to W. C. Sloan, Connell, Wash.,
for Bridge #106-3, WCB 616 BT 9759 P2208-17

1917	October 17	N.P. 68526	2	single track slabs			
"	" 17	" 64955	2	"	"	"	"
"	" 17	" 64971	2	"	"	"	"
"	" 17	" 62607	2	"	"	"	"
"	December 14	" 61080	2	"	"	"	"
			10	"	"	"	"
						100.538215	1005.38
				Depreciation on plant @ 22%			221.18

Amount of this Bill

\$1226.56

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:

50000# cement from Bellingham @	.05
11046# reinforcing rods from St. Paul @	.90

FINISHED PRODUCT:

333000# concrete slabs from Auburn to Connell, 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.

E. M. W. - T-66

1819

O. E. W. of W.

Engineering

1918

(Auburn Concrete Plant)

Jan. 17, For concrete pipe shipped to W. C. Sloan, Connell, Wash.,
for culvert at NP 72+4570. ST 3278

April 7, 1917

NP 64134 3 Pcs. 36" pipe 24 ft. @ 1.44694825
Depreciation on plant @ 22%

34.73

7.64

Amount of this Bill

42.37

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:

2400# cement from Bellingham	@ .05
103# mesh reinforcing from St. Paul	@ .90
102# reinforcing rods from St. Paul	@ .90

FINISHED PRODUCT:

14100# concrete pipe from Auburn to Connell

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-65

TO

O. E. M. of W.

1818

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918.

Jan. 17, For concrete pipe shipped to W. C. Sloan, Connell, Wash.,
for culvert at NP 105+442. ST-3278.

April 7, 1917.

NP 64134 - 3 Pcs. 36" pipe - 24 ft. @ 1.44694825
Depreciation on Plant @ 22%

34.73
7.64

Amount of this bill

\$ 42.37

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:

2400# cement from Bellingham	@	.05 CWT
183# mesh reinforcing from St. Paul	@	.90 "
102# reinforcing rods " " "	@	.90 "

FINISHED PRODUCT:

14100# concrete pipe from Auburn to Connell.

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.

STORE

E. M. W. - T- 64

1918

Engineering
(Auburn Concrete Plant)

Jan. 19. For concrete piling shipped to W. C. Sloan, Sprague, Wash.,
for Bridge #42, WCS 608, ST #10296 P #795-17

1917 Oct. 20 NF 68439 20 Pcs. 15' concrete piles=300 ft @ .8413247

Depreciation on plant @ 22%

252.40

55.52

Amount of this Bill

\$307.92

=====

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:

8000# cement from Bellingham	@ .05
4574# reinforcing rods from St. Paul	@ .90

FINISHED PRODUCT:

70000# concrete piles from Auburn to Sprague, Wash.

STORE

E. M. W. - T-63

Engineering
(Auburn Concrete Plant)

1918.

Jan. 18, For concrete piling and slabs shipped to J. L. DeForce, Noxon,
Mont. for Bridge #39 - JLD #367-ST #7238-F896-17.

1917

Sept. 25-NP-69576 - 11 Pcs. 35' piles
 " " " 69298 - 3 " 35' "
 13 " 35' " - 325 ft. @ .74073330 240.73

July 11-NP-64578 - 2 single track slabs
 " 11-" -67322 - 2 " " "
 4 " " " @ \$100.538215 402.15

Sept. 18-NP-69497 - 2 double track slabs @
 " 18-" -62348 - 2 " " "
 4 " " " @ 88.757140 355.02

\$ 997.91

Depreciation on plant @ 33%

319.54

Amount of this Bill

\$ 1317.45

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.

RAW MATERIAL:

46358# cement from Bellingham

@ .05 CWT

13361# reinforcing rods from St. Paul

@ .90 "

FINISHED PRODUCT:

68380# concrete piling from Auburn to Noxon, Mont.

256800# concrete slabs from Auburn to Noxon, Mont.

STORE

E. M. W. - T- 62

1918

Engineering
(Auburn Concrete Plant)

Jan. 19. For concrete piling shipped to W. C. Sloan, Thrall, Wash.,
for Bridge #124.2, WCS 534, ST 9660, F 766-1917

1917 Oct. 25	NP 67249	1(1914) 15' pile=15' @ .81362	12.21
		Depreciation on plant @ 22.342%	2.72
1917 Oct. 25	NP 67249	24(1917) 15' piles=360' @ .84132417	302.88
		Depreciation on plant @ 22%	66.63

Amount of this Bill

\$384.44

=====

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:

10000# cement from Bellingham	@ .05
5718# reinforcing rods from St. Paul	@ .90

FINISHED PRODUCT:

87500# concrete piles from Auburn to Thrall, Wash.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

191

STORE

TO

Department, Dr.

E. M. W. - T-61
O. E. W. of W.

1814

Engineering

(Auburn Concrete Plant)

1918.

Jan. 19, For concrete slabs shipped to W. C. Sloan, Thrall, Wash.,
for Bridge #124-VCS #535-ST #8973-F #767.17+1917 Sept. 18 - NP 61107 - 3 single track slabs @ 100.538315
Depreciation on plant @ 23%

\$301.08

44.34

Amount of this Bill

\$ 345.32

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:

10000# cement from Bellingham

@ .05 CWT

2209# reinforcing rods from St. Paul

@ .90 "

FINISHED PRODUCT:

66600# concrete slabs from Auburn to Thrall, 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.

1813

ENGINEERING
(Auburn Concrete Plant)

1918 E. W. of W.

Jan. 17, - For concrete pipe shipped to W.C. Sloan at Yakima, Wash.,
for culvert at Sta. 312+90, WCD #326, ST 5164, P-419-17.

May 9, 1917 -

NP 61168 - 3 pcs. 24" pipe - 24 ft. @ 1.0818034	\$25.96
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Depreciation on Plant @ 22%	5.71
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AMOUNT OF THIS BILL	\$31.67
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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 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:

1650# cement from Bellingham	@ .05
136# mesh reinforcing from St. Paul	@ .90
72# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

9765# concrete pipe from Auburn to Yakima, 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

Engineering
(Auburn Concrete Plant)Jan. 18, For concrete slabs shipped to W. C. Sloan, Satus, Wash.,
for Bridge #60 WCS #628 ST #10300, F #2344-17

December 14	NP 61431	2 single track slabs		
"	" 63372	2 " " "		
"	" 61175	2 " " "		
"	" 76520	2 " " "		
"	" 65982	2 " " "		
		10	" " "	@ 100.538215
				1005.38

November 23	NP 64150	2 double track slabs		
" 23	" 67240	2 " " "		
"	" 65720	2 " " "		
" 5	" 62730	2 " " "		
" 5	" 65120	2 " " "		
		10	" " "	@ 88.757140
				887.57

Depreciation on plant @ 22%

887.57
1892.95
416.45

Amount of this Bill

\$2309.40

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.

RAW MATERIAL:

94000# cement from Bellingham	@ .05
20894# reinforcing rods from St. Paul	@ .90

FINISHED PRODUCT:

642000# concrete slabs from Auburn to Satus, 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. W. E. T. 58
E. W. E. T. 58

TO

1811

ENGINEERING

(Auburn Concrete Plant)

Department, Dr.

Jan. 17,- For concrete pipe shipped to W.C.Sloan, at Gibbon,
Wash., for culvert at Gibbon,- POC #258 -ST-4331, F #934-16.

May 9, 1917.

NP 60083 - 4 pcs. 36" pipe - 32 ft. @ 1.44694825	46.29
Depreciation on Plant @ 22%	<u>10.19</u>
AMOUNT OF THIS BILL	\$56.48

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.

RAW MATERIAL:

3200# cement from Bellingham	@ .05
244# mesh reinforcing from St. Paul	@ .90
136# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

18800# concrete pipe from Auburn to Gibbon, 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

Department

Order No.

Mem. No.

191

STONE

E. M. W. - T-57 TO 1810

1918 E. M. of W.

Engineering

(Auburn Concrete Plant)

Department, Dr.

Jan. 16, For concrete pipe shipped to W. C. Sloan, Gibbon, Wash.,
for use in connection with track changes WCH 272

1917 Apr. 6	MP 61439	6 Pcs. 36" pipe	
" " 7	" 61358	6 Pcs. 36" pipe	
		12 Pcs. 36" pipe=96 ft.	1.4469825
		Depreciation on plant @ 22%	138.91
			30.56
		Amount of this Bill	\$169.47

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:

9600# cement from Bellingham	@ .05
732# mesh reinforcing from St. Paul	@ .90
408# reinforcing rods from St. Paul	@ .90

FINISHED PRODUCT:

56400# concrete pipe from Auburn to Gibbon.

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-56 TO

G. E. M. of W.

1809

Department, Dr.

1918

Engineering

(Auburn Concrete Plant)

Jan. 16, For concrete pipe shipped to W. C. Sloan, Gibbon, Wash., for use in connection with track changes ST-3630-WCS 213.

April 6, 1917.

NP 68901 12 Pcs. 24" pipe - 96 ft. @ 1.0818034
Depreciation on plant @ 22%

103.85

22.85

Amount of this Bill

\$126.70

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:

6600# cement from Bellingham	@	.05
540# mesh reinforcing from St. Paul	@	.90
288# reinforcing rods from St. Paul	@	.90

FINISHED PRODUCT:

39060# concrete pipe from Auburn to Gibbon.

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

TO

Department, Dr.

1808

ENGINEERING

C. E. M. of W.

(Auburn Concrete Plant)

1916

Jan. 17,- For concrete pipe shipped to W.C. Sloan at Walla Walla,
Washington, for culvert at MP 67+2798, ST #3393.

May 7, 1917 -

MP 60060 - 4 pcs. 36" pipe - 32 ft. @ 1.44694825	946.29
Depreciation on Plant @ 22%	<u>10.18</u>

AMOUNT OF THIS BILL:	956.47
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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:

3290# cement from Bellingham	@ .05
244# mesh reinforcing from St. Paul	@ .90
136# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

18800# concrete pipe from Auburn to Walla Walla, 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

STOCK

E. M. W. T. 54

TO

O. E. M. of W. 1807

ENGINEERING

(Auburn Concrete Plant)

Department, Dr.

1918

Jan. 17, 1918, - For concrete pipe shipped to W.C. Sloan at Walla Walla, Washington, for culvert at MP 79+792, BT #3393.

May 7, 1917, -

MP 60060 - 6 pcs. 24" pipe - 48 ft. @ 1.0815034	\$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 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:

3500# 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 Walla Walla, 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

Officer who renders bill sign here.

STORE

E. M. W. - T-53

Engineering
(Auburn Concrete Plant)

1918.

Jan. 19, For concrete slabs shipped to W. C. Sloan-Paho, Wash., for
Bridge #76-WOS #566-ST #9395 - F #796-1917.

1917-Sept. 18-NP-62694-2 single track slabs @ 100.538315	301.08
Depreciation on plant @ 22%	<u>44.24</u>

Amount of this Bill	\$ 345.32
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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:

100000# cement from Bellingham	@ .05 CWT
2209# reinforcing rods from St. Paul	@ .90 "

FINISHED PRODUCT:

66600# concrete slabs from Auburn to Paho, Wash.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

191

E. M. W. - T- 52

TO

1805

ENGINEERING

(Auburn Concrete Plant)

Department, Dr.

Jan. 17, -

For concrete pipe shipped to W. C. Sloan, at Pasco, Wash.,
for culvert at MP 5+1200, BT 3394.

May 9, 1917, -

MP 61078 - 8 pcs. 24" pipe - 64 ft. @ 1.0181034

\$69.24

Depreciation on Plant

@ 22%

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	@ .08
360# mesh reinforcing from St. Paul	@ .90
192# reinforcing rods from Seattle	@ .08

FINISHED PRODUCT:

26040# concrete pipe from Auburn, Wash., to Pasco, 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

O. E. M. of W.
1918

TO

1804

ENGINEERING
(Auburn Concrete Plant)

Department, Dr.

Jan. 17,- for concrete pipe shipped to W.C. Sloan at Pasco,
Wash., for Culvert at MP 6+2760, ST 3394 -

May 9, 1917,-

MP 60083 - 1 pc. 24" pipe)		
MP 61078 - 4 " 24" pipe) 40 ft.	@ 1.0818034	\$43.37
Depreciation on Plant	@ 22%	<u>9.52</u>
AMOUNT OF THIS BILL		\$52.79

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 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 Pasco, 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. 50

TO

O. E. M. of W.

1803

ENGINEERING

(Auburn Concrete Plant)

Department, Dr.

1918

Jan. 17,-

For concrete pipe shipped to W.C. Glean at Pasco, Wash.,
for culvert at MP 3+2200, BT #3394 -

May 9, 1917,

MP 60083 - 6 pcs. 24" pipe - 48 ft. @ 1.0818034 \$51.93

Depreciation on Plant @ 22% 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 Pasco, 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

C. E. M. of W.

1802

ENGINEERING

(Auburn Concrete Plant)

1918

Jan. 17,- For concrete pipe shipped to W.C. Sloan, at Pasco, Wash., for culvert at NP 37+538, ST #3274.

April 16, 1917,- NP 65937 - 5 pcs. 36" pipe

May 7, " " 66837 - 5 " 36" "

10 pcs. 36" pipe - 80 ft. @ 1.44694825 \$118.76

Depreciation on Plant @ 22% 25.47

AMOUNT OF THIS BILL: \$141.23

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 in the bill, but when reporting for joint account show weights so freight charges can be added as called for in contract.

RAW MATERIAL:

8000# cement from Bellingham	@ .05
610# mesh reinforcing from St. Paul	@ .90
340# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

47000# concrete pipe from Auburn to Pasco, 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

O. E. M. of W.

1801

TO

ENGINEERING

(Auburn Concrete Plant)

Department, Dr.

1918

Jan. 17,- For concrete pipe shipped W.C. Sloan, at Pasco,
Wash., for Bridge No. 3-1, NOS #262, BY #4402, APR 45-1917.

May 7, 1917,-

RF 67079 - 9 pcs. 36" pipe
" 66637 - 2 " 36" "
" 62698 - 9 " 36" "

20 pcs. 36" pipe - 160 ft. @ 1.44694825 \$231.52

Depreciation on Plant @ 22% 50.94

AMOUNT OF THIS BILL: \$282.46

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:

16000# cement from Bellingham @ .05
1220# mesh reinforcing from St. Paul @ .90
680# reinforcing rods from Seattle @ .05

FINISHED PRODUCT:

94000# concrete pipe from Auburn to Pasco, 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. 47

O. E. M. of W.
1918

TO

1800

Engineering
(Auburn Concrete Plant)

Department, Dr.

Jan. 17, For concrete pipe shipped to W. C. Sloan, Pasco, Wash.,
for culvert at MP 30+478 BT 3342

April 12, 1917

MP 67195	2 Pcs. 24" pipe	16 ft.		
MP 63289	1 " 24" "	5 "		
	3 " 24" "	24 "	@ 1.0818034	25.96
	Depreciation on Plant @ 32%			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	@	.90
72	reinforcing rods from St. Paul	@	.90

FINISHED PRODUCT:

9765 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

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

STORE

Mem. No.

191

E. M. W. - T-46
O. E. M. of W.

TO

Engineering

Department, Dr.

(Auburn Concrete Plant)

1916

Jan. 16 For concrete pipe shipped to W. C. Sloan, Pasco, Wash.,
for culvert at MP 6+5130 - ST 3374

April 12, 1917.

NP-53389 - 3 Pcs. 36" pipe - 24 ft.	@ 1.44694825	34.73
Depreciation on plant	@ 22%	7.64

Amount of this bill

\$ 42.37

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:

2400# cement from Bellingham	@	.05 CWT
183# mesh reinforcing from St. Paul	@	.90 "
102# reinforcing rods from St. Paul	@	.90 "

FINISHED PRODUCT:

14100# 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.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

STORE

Mem. No.

Q. E. M. W. - T - 45 TO

Department, Dr.

191

Q. E. M. of W.

1798

Engineering
(Auburn Concrete Plant)

1918.

Jan. 18, For concrete pipe shipped to W. C. Sleen, Pasco, Wash.,
for culvert at KP 10+487 - ST 3274.

April 12, 1917.

NP 63269 - 4 Pcs. 24" pipe - 32 ft. @ 1.0819034
Depreciation on plant @ 23¢

34.62

7.39

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:

2300# cement from Bellingham @
180# mesh reinforcing from St. Paul @
26# reinforcing rods from St. Paul @

.05 CWT

.90 "

.90 "

FINISHED PRODUCT:

13030# 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.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

191

STORE

E. M. W. - T - 44

Q. E. M. of W.

1918

TO

1797

Engineering

(Auburn Concrete Plant)

Department, Dr.

Jan. 17, For concrete pipe shipped to W. C. Sloan, Pasco, Wash.,
for culvert at MP 6+3070-ST 3374

April 12, 1917

MP 67195

4 Pcs. 36" pipe 32 ft. @ 1.44694825
Depreciation on plant @ 22%

46.29

10.18

Amount of this Bill

356.48

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.

RAW MATERIAL:

3200#	cement from Bellingham	@ .05
244#	mesh reinforcing from St. Paul	@ .90
136#	reinforcing rods from St. Paul	@ .05

FINISHED PRODUCT:

18800# 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

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Order No.

Mem. No.

191

E. M. W. T. - 43

TO

Engineering

Department, Dr.

Q. E. M. of W.
1918.

1796 (Auburn Concrete Plant)

Jan. 17, For concrete pipe shipped to W. C. Sloan, Pasco, Wash.,
for culvert at MP 20+4856 - WT 53342.

April 12, 1917.

MP 20956 - 5 Pcs. 36" pipe - 40 ft. @ 1.44694835 57.89
Depreciation on Plant @ 225 12.72

Amount of this bill

\$ 70.61

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:

4000# cement from Bellingham	@ .05	CWT
305# mesh reinforcing from St. Paul	@ .90	"
170# reinforcing rods from St. Paul	@ .90	"

FINISHED PRODUCT:

33500# concrete pipe from Auburn to Pasco.

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 - 42

Mem. No.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918. Q. E. M. of W. 1795

Jan. 17, For concrete pipe shipped to W. C. Sloan, Pasco, Wash.,
for culvert at MP 15+3981 - ST #3342.

April 7, 1917.

MP 66090 - 3 Pcs. 36" pipe - 34 ft. @ 1.44694885	34.73
Depreciation on Plant @ 22%	7.64

Amount of this bill	\$ 42.37
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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:

3400# cement from Bellingham	@	.05	CWT
183# mesh reinforcing from St. Paul	@	.90	"
102# reinforcing rods from St. Paul	@	.90	"

FINISHED PRODUCT:

14100# 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.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

191 O. E. M. of W.

TO
1794Engineering
(Auburn Concrete Plant)

Department, Dr.

1918.

Jan. 17, For concrete pipe shipped to W. C. Sloan, Pasco, Wash.,
for culvert at NP 34+1349 - ST 43343.

April 7, 1917.

NP - 66090 - 6 Pcs. 36" pipe - 48 ft. @ 1.44694625
Depreciation on Plant @ 22%

69.46

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 CWT
386# mesh reinforcing from St. Paul	@	.90 "
304# reinforcing rods from St. Paul	@	.90 "

FINISHED PRODUCT:

26200# 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.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

STORE

Mem. No.

E. M. W. - T - 49 TO

Department, Dr.

191

O. E. M. of W.

1793

Engineering
(Auburn Concrete Plant)

1918

Jan. 16 For concrete pipe shipped to W. C. Sloan, Pasco, Washington,
for culvert at HP 164950 - ST 3374.

1917-April 2 HP-61731 2 Pcs. 34" pipe

" " 12 " 61389 3 " 34" "

5 Pcs. 34" pipe—40 ft. @ 1.0818074

43.37

Depreciation on plant @ 33%

9.53

Amount of this Bill

\$ 52.79

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 account show
weights so freight charges can be added
as called for in contract.

RAW MATERIAL:

2750# cement from Bellingham

@

.05 CWT.

325# mesh reinforcing from St. Paul

@

.90 "

120# reinforcing rods from St. Paul

@

.90 "

FINISHED PRODUCT:

16375# 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.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

Order No.

Mem. No.

191

E. M. W. - T- 39
O. E. M. of W.

TO

Department, Dr.

STONE

1792

Engineering

1918

(Auburn Concrete Plant)

Jan. 17, For concrete pipe shipped to W. C. Sloan at Pasco, Wash.,
for culvert at MP 8+4516, ST 3274

April 12, 1917

MP 67195 4 Pcs. 36" pipe 32 ft. @ 1.44694825
Depreciation on plant @ 22%

46.29

10.18

Amount of this Bill

56.47

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:

3200# cement from Bellingham	@ .05
244# mesh reinforcing from St. Paul	@ .90
136# reinforcing rods from St. Paul	@ .90

FINISHED PRODUCT:

18800# 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

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

1918. C. E. M. of W.

TO

1791

Engineering

(Auburn Concrete Plant)

Department, Dr.

Jan. 17, For concrete pipe shipped to W. C. Sloan, Pasco, Wash.,
for culvert at MP 16+773 - ST 3342.

April 12, 1917.

NP 66956-4 Pcs. 36" pipe - 32 ft. @ 1.44894825
Depreciation on Plant @ 22 1/2

46.29

10.18

Amount of this Bill

\$ 56.47

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:

3200# cement from Bellingham	@	.05	CTT
244# mesh reinforcing from St. Paul	@	.20	"
136# reinforcing rods from St. Paul	@	.20	"

FINISHED PRODUCT:

18900# concrete pipe from Auburn to Pasco.

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

Department

Order No.

STORE

Mem. No.

E. M. W. - T-37

TO

1790

ENGINEERING

Department, Dr.

191

O. E. M. of W.

(Auburn Concrete Plant)

1918

Jan. 17,- For concrete pipe shipped to F.M. Finch, at Riparia, Wash., for culvert at MP 28+4745, F&W #1759.

June 6, 1917 - MP 61504 - 9 pcs. 36" pipe
 " 6, " " 65106 - 9 " 36" "
 " 8, " " 61097 - 8 " 36" "

26 pcs. 36" pipe - 308 ft. @ 1.44694825 \$300.96

Depreciation on Plant @ 22% 66.22

Interest on Investment @ 4.17% 367.20

12.56

AMOUNT OF THIS BILL: \$379.76

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 @ .05
 1586# mesh reinforcing from St. Paul @ .90
 884# reinforcing rods from Seattle @ .05

FINISHED PRODUCT:

122200# concrete pipe from Auburn to Riparia, 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

Department

Order No.

Mem. No.

191

O. E. M. of W.

STONE

E. M. W. - T- 36 TO 1789

Department, Dr.

1918

ENGINEERING
(Auburn Concrete Plant)

Jan. 17, - For concrete pipe shipped to F. W. Finch, at Riparia, Washington, for culvert at MP 44+1577, SNF #1759.

June 8, 1917, - MP 67183 - 9 pcs. 36" pipe
" 8, " MP 61097 - 1 pc. 36" pipe

10 pcs. 36" pipe - 80 ft. @ 1.44694825 \$115.76

Depreciation on Plant @ 22% 25.47

Interest on Investment @ 4.17% 4.93

AMOUNT OF THIS BILL: \$146.06

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:

8000# cement from Bellingham	@ .05
610# mesh reinforcing from St. Paul	@ .90
340# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

47000# concrete pipe from Auburn to Riparia, 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.

STONE

Mem. No.

191

R. M. W. - T- 35 TO
O. E. M. of W 1788

ENGINEERING

Department, Dr.

1918

(Auburn Concrete Plant)

Jan. 17,- For concrete pipe shipped to P. H. Finch, at Riparia, Wash., for culvert at MP 41+4611; RMP #1759.

June 8, 1917,- RMP 61033 - 10 pcs. 36" pipe
" 8, " " 61097 - 1 " 36" "

11 pcs. 36" pipe - 88 ft. @ 1.44694825 \$127.33

Depreciation on Plant @ 22% 28.01

Interest on Investment @ 4.17% 5.31

AMOUNT OF THIS BILL \$ 160.65

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:

8800# cement from Bellingham	@ .05
671# mesh reinforcing from St. Paul	@ .90
374 reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

51700# concrete pipe from Auburn to Riparia, 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. 34

TO

1787

Engineering

Department, Dr.

Q. E. M. of W.

1918

(Auburn Concrete Plant)

Jan. 16, For concrete pipe shipped to J. L. DeForce at Parkwater, Wash., for culvert at MP 13+2600, JLD #183 ST 4398.

May 7, 1917.

MP 67965 - 2 Pcs. 36" 16 ft. @ 1.44694825

23.15

Depreciation on plant @ 22%

5.09

Amount of this Bill

\$28.24

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:

1600# cement from Bellingham	@	.05
122# mesh reinforcing from St. Paul	@	.90
88# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

9400# concrete pipe from Auburn to Parkwater, 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

Department

Order No.

Mem. No.

191

O. E. M. of W.

TO

1786

ENGINEERING

(Auburn Concrete Plant)

Department, Dr.

Jan. 17,-

For concrete pipe shipped to J. L. DeForce at Parkwater, Wash., for Bridge #14, JLB #183, ST #4398.

May 9, 1917 -

HP 62654 - 7 pcs. 24" pipe - 56 ft. @ 1.0181034

360.58

Depreciation on Plant

@ 22%

13.33

AMOUNT OF THIS BILL:

\$73.91

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.

RAW MATERIAL:

3850# cement from Bellingham	@ .05
315# mesh reinforcing from St. Paul	@ .90
168# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

22785# concrete pipe from Auburn to Parkwater, 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-32
1918 C. E. M. of W.TO
1785ENGINEERING
(Auburn Concrete Plant)

Department, Dr.

Jan'y. 17,- For concrete pipe shipped to J.H. DeMorse at Parkwater,
Wash., for culvert at SP 34+4470, JLD #183, ST #4398.

May 7, 1917,-

SP 67965 - 6 pcs. 36" pipe - 48 ft. @ 1.44694825	369.46
Depreciation on Plant @ 22%	19.28
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 Parkwater, 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. 1

Mem. No.

E. M. W. - T - 3/1784 TO

191

O. E. M. of W.

Department, Dr.

ANGLIZERINO

(Auburn Concrete Plant)

1918

Jan. 17, For concrete pipe shipped to J. L. DeForce at Parkwater, Wash., for culvert at MP 64+3673, JLB #183, ST #4398.

May 9, 1917, -

MP 62881 - 3 pcs. 24" pipe - 24 ft. @ 1.0818034	\$25.96
Depreciation on Plant @ 22%	<u>5.76</u>

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	@ .90
72# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

9765# concrete pipe from Auburn to Parkwater, 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-30

TO

1783

ENGINEERING

(Auburn Concrete Plant)

Department, Dr.

O. E. M. of W.

1918

Jan. 17, - For concrete pipe shipped to J.L. DeForce at Parkwater, Wash., for culvert at MP 7+3840, JLD #183, ST #4398.

May 9, 1917 -

MP 62654 - 3 pcs. 24" pipe - 24 ft. @ 1.0815034

\$25.97

Depreciation on Plant

@ 22%

5.71

AMOUNT OF THIS BILL:

\$31.68

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 Parkwater, 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. E. M. W. - T-29

191

O. E. M. of W

TO

1782

ENGINEERING

(Auburn Concrete Plant)

Department, Dr.

Jan. 17,- For concrete pipe shipped to J.L. DeForce, at Parkwater, Wash., for culvert at NP 16+5124, JLD #183, ST #4398.

May 8, 1917 -

NP 62881 - 3 pos. 24" pipe - 24 ft. @ 1.0818034 \$25.97

Depreciation on Plant @ 22% 5.71

AMOUNT OF THIS BILL: \$31.68

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 Parkwater, 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.

191

TO

Department, Dr.

O. E. M. of W.

1781 (Auburn Concrete Plant)

1918

Jan. 17,-

For concrete pipe shipped to J.L. McForce at Parkwater, Wash., for culvert at MP 42+2492, JLD #183, ST #4398.

May 9, 1917 -

MP 62881 - 3 pos. 24" pipe - 24 ft. @ 1.0818034

\$25.96

Depreciation on Plant

@ 22%

5.77

AMOUNT OF THIS BILL:

\$31.73

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	@ .03

FINISHED PRODUCT:

9765# concrete pipe from Auburn to Parkwater, 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.

STORE

E. M. W. - T- 27

Engineering

1918

(Auburn Concrete Plant)

Jan. 19, For concrete piles and slabs shipped to J. L. DeForce,
 Clarke Fork, Idaho, for Bridge #94 JLD #394 ST 7590 F 755-17

1917 Sept. 25	HP 69298	10 Pcs. 20 ' concrete piles=200 ft. @ .8091	
		Depreciation on plant @ 22%	161.83
1917 Sept. 18	HP 69537	2 single track slabs	35.60
" " 18	" 64201	1 " " "	
		3 " " " " " 100.538215	301.61
1917 Sept. 18	HP 64201	1 double track slab	66.36
" " 18	" 61736	2 " " "	
		3 " " " " " "	
		Depreciation on plant @ 22%	266.27
			58.57
		Amount of this Bill	3890.24

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:

33640# cement from Bellingham	@ .05
9349# reinforcing rods from St. Pauls	.90

FINISHED PRODUCT:

43000# concrete piles from Auburn to Clarke Fork	
192600# concrete slabs from " " " "	

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

E. M. W. - T-26

TO

Engineering

Department, Dr.

1918 O. E. M. of W. 1779 (Auburn Concrete Plant)

Jan. 10, For concrete pipe shipped to J. L. DeForce at Cheney, Wash.,
for culvert at MP 75+100 Wash. Cent. Breh.

Nov. 5, 1917.

NP 65183

6 Pcs. 34" concrete pipe--48 ft. @ \$1.0818036
Depreciation on plant @ 33%

51.93

11.42

\$ 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
370# mesh reinforcing from St. Paul	@	.90
144# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

19530# concrete pipe from Auburn to Cheney, 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.

Mem. No.

191

E. M. W. - T-25 TO Engineering

Department, Dr.

O. E. M. of W. 1778 (Auburn Concrete Plant)

Jan. 10, For concrete pipe shipped to A. R. Cook at Dupont, Wash.,
for military tracks-E. D. #439-ST 8054.

June 25, 1917.

NP-62995- 6 Pcs. 24" concrete pipe-48 ft.	@ 1.0918034	51.93
Depreciation on plant	@ 22%	11.43
Interest on Investment	@ 4.17%	2.17

\$ 65.53

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.

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 Dupont, 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-24 TO
1777 (Auburn Concrete Plant)
19180 E. M. of W.

Department, Dr.

Jan. 10, For concrete pipe shipped to A. R. Cook at Weikel, Wash.,
for culverts Cowiche Branch extension, E.D. 640-ST 11399.

Oct. 4, 1917

NP 68450

9 Pcs 24" concrete pipe - 72 ft. @ \$1.0818034
Depreciation on plant

77.89

17.15

Amount of this bill

\$ 95.04

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:

4950# cement from Bellingham	@	.05
405# mesh reinforcing from St. Paul	@	.90
216# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

29295# concrete pipe from Auburn to Weikel, 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-23 TO

Department, Dr.

O. E. M. of W 1776

Engineering
(Auburn Concrete Plant)

1918.

Jan. 19, For concrete pipe shipped to A. R. Cook, at Weikel, Wash.,
culverts on Cowiche Branch Extension, E. D. #434, ST 7824-
F-808-17.

Sept. 13-1917-NP 88038 7 Pos. 48" pipe
15- " " 88695 6 " 48" "
15- " " 89130 7 " 48" "

Depreciation on plant @ 33% 30 " 48" " - 160 ft. @ \$3.0347432 486.56
106.83

Amount of this bill

\$ 593.39

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 @ .05
4640# reinforcing rods from St. Paul @ .90

FINISHED PRODUCT:

112800# concrete pipe from Auburn to Weikel, 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.

E. M. W. - T. 22 TO

Department, Dr.

191

O. E. M. of W.

1775

Engineering
(Auburn Concrete Plant)

Jan. 11, 1918, For concrete pipe shipped to A. R. Cook at Weikel, Wash.,
for culvert at Station 441+80-T.D. #408 ST 7243.

July 13, 1917.

NP-66055

5 Pcs. 24" concrete pipe-40ft. @ 1.0818043	43.27
Depreciation on plant @ 25%	9.52

Amount of this bill	\$ 52.79
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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:

2750# cement from Bellingham @	.08
325# mesh reinforcing from St. Paul @	.90
130# reinforcing rods from Seattle @	.05

FINISHED PRODUCT:

13275# concrete pipe from Auburn to Weikel, 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

E. M. W. - T -

TO

Q. E. M. of W.

1774

Engineering

(Auburn Concrete Plant)

Department, Dr.

1916.

Jan. 11, For concrete pipe shipped to A. R. Cook at Weikel, Wash.,
for culvert at Station 1476+20, E. D. 4406-St 7243.

July 13, 1917.

NP-44055	3 Pcs. 34" concrete pipe-34 ft. @ 1.0818043	35.96
	Depreciation on plant @ 33%	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	@	.08
135# mesh reinforcing from St. Paul	@	.90
78# reinforcing rods from Seattle	@	.05

FINISHED PRODUCT:

9765# concrete pipe from Auburn to Weikel, 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 - 20

TO

Department, Dr.

Q. E. M. of W.

Engineering
(Auburn Concrete Plant)

1918

Jan. 12, For concrete pipe shipped to A. R. Cook at Weikel, Wash.,
for culvert at Station 427+56-E.D. & 406-ST 7243

July 13, 1917.

NP-66055

3 Pcs. 34" concrete pipe -- 34 ft. @ 1.0819043 35.96
Depreciation on plant @ 38% 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:

9765# concrete pipe from Auburn to Weikel, 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-19

TO

1772

Engineering

Department, Dr.

1918 O. E. M. of W.

(Auburn Concrete Plant)

Jan. 14, For concrete pipe shipped to A. R. Cook at Weikel,
Wash., for culvert at Station 405, RD #434, ST #7824

1917 July 20-12 61076-12 Pcs. 24" pipe

68552 12 Pcs. 24" "

Aug. 3 " 65812 9 Pcs. 24" pipe

33 Pcs. 24" pipe=264 ft. @ 1.0818034 285.60

Depreciation on plant @ 22% 62.84

Amount of this Bill 348.44

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:

18150# cement from Bellingham	@ .05
1485# mesh reinforcing from St. Paul	@ .90
792# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

107415# concrete pipe from Auburn to Weikel, 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 - 18

TO

Department, Dr.

191

1918

Engineering

1918

(Auburn Concrete Plant)

Jan. 16, For concrete pipe shipped to A. R. Cook at Weikel, Wash.,
for extension of Cowiche Branch RD #403 - ST 7221.

1917 - June 25 - N.P. 69486 - 12 Pcs. 24" pipe

" 25 N.P. 69688 12 Pcs. 24" "

July 3 N.P. 66131 11 Pcs. 24" "

" 11 N.P. 61582 12 Pcs. 24" "

" 11 N.P. 67380 12 Pcs. 24" "

Aug. 3 N.P. 64767 6 Pcs. 24" "

65 Pcs. 24" " = 520 ft.

@ 1.0818034

562.54

Depreciation on plant @ 22%

123.77

Amount of this bill

\$686.31

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:

35750# cement from Bellingham	@ .05
2925# mesh reinforcing from St. Paul	@ .90
1660# reinforcing rods from Seattle	@ .05

FINISHED PRODUCT:

211575# concrete pipe from Auburn to Weikel, 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. - 17

TO

Department, Dr.

1918 C. E. M. of W.

Engineering
17 (Auburn Concrete Plant)

Jan. 14, For concrete pipe shipped to A. R. Cook at Weikel,
Washington, for culvert at Station 506 and Bill-ED #434
ST #7824.

June 25, 1917.

NF 66248

5 Pcs. 36" concrete pipe=40 ft. @ 1.44694825 57.88

Depreciation on plant @ 22%

12.73

Amount of this Bill

870.61

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:

4000# cement from Bellingham	@	.65
305# mesh reinforcing from St. Paul	@	.90
170# reinforcing rods from Seattle	@	.65

FINISHED PRODUCT:

23500# concrete pipe from Auburn to Weikel, 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

(CREDIT)

Order No.

Mem. No.

MEM-T- 242

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

191

1918-

E. E. W. of W.

1728

Feb. 21st, To allow Auburn Concrete Plant, Operation Account, credit covering value of reinforcing material shipped to W.C. Sloan Connell, Wash., for Bridge #106, as per MEM-T- Bill #529, dated January 3, 1918.

1917 - Rep't 25 - R.P. 69886:

113 pcs	1"x14'6" rods	= 1638.5'	@ .671¢	= 1099.43¢	@ .03617	39.77
24 "	1"x17'6" "	= 420'	@ .671¢	= 281.82¢	@ .03617	10.19
28 "	1"x30'6" "	= 854'	@ .671¢	= 573.03¢	@ .03617	20.73
14¢	#16 annealed wire				@ 4.70 cwt.	.66
						71.35

Freight on reinforcing rods from Gary, Ind., to St. Paul - 1954.28¢

@ 9¢ cwt.

1.76

Amount of this CREDIT Bill

\$73.11

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

(CREDIT)

Order No.

Mem. No.

ENG-T-241

TO

Engineering

Department, Dr.

191

1918-

C. E. W. of W.

1227

(Auburn Concrete Plant)

Feb. 21st, To allow Auburn Concrete Plant, Operation Account, Credit covering value of reinforcing material shipped to W.C. Sloan, Sprague, Wash., for Bridge #42, as per ENG-T- bill No. 528, dated January 3, 1918:

1917 - Sep't 25 - N.P. 69886:

16 pcs	x17'6"	rods = 280 ft.	@ .671#	= 187.88#	@ .03617	6.80
28 "	x14'6"	" = 406 "	@ .671#	= 262.43#	@ .03617	9.85
8 "	x17'6"	" = 140 "	@ 1.91#	= 267.40#	@ .03433793	9.18
8 "	x14'6"	" = 116 "	@ 1.91#	= 221.56#	@ .03433793	7.61
24 "	x 5'	" = 120 "	@ 1.91#	= 229.2#	@ .03433793	7.87
44 "	x 3'6"	" = 154 "	@ 1.91#	= 294.14#	@ .03433793	10.10
44 "	x 5'6"	" = 242 "	@ 1.91#	= 462.22#	@ .03433793	15.87
80 "	x 6'6"	" = 520 "	@ 1.91#	= 993.20#	@ .03433793	34.10
10#	#16 annealed wire			@ 4.70 cwt.		.47
						<u>101.85</u>

Freight on reinforcing rods from Gary, Ind.,
to St. Paul - 2928.03#

@ .09 cwt.

2.64

Amount of this CREDIT Bill

\$104.49

I certify that the above account is correct:

Bill as rendered, correct:

R. 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

(CREDIT)

Order No.

Mem. No.

191

REV-T- 240

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918 - C. E. H. of W. 1726

Feb. 21st, To allow Auburn Concrete Plant, Operation Account, credit covering value of reinforcing rods shipped to W. C. Sloan, Thrall, Wash., for bridge #124, as per REV-T- bill 527, dated January 3, 1918.

1917 - Sep't 18 - N.P. 61107:

6 pcs 1" 17'6" rods = 105'	@ 1.91¢ = 200.55¢	@ .03433793	6.89
12 " 1" 11'8" " = 139.92'	@ 1.91¢ = 267.25¢	@ .03433793	9.18
			<u>16.07</u>

Freight on reinforcing rods from Gary, Ind.,
to St. Paul - 467.8¢ @ 9¢ cwt.

.42

Amount of this CREDIT Bill

\$16.49

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 (CREDIT)

Order No.

Mem. No.

191

ENV-T- 239

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

1918-C. E. M. of W. 1775

Plant,

Feb. 21st. To allow Auburn Concrete/ Operation Account, Credit covering value of reinforcing rods shipped to W.C. Sloan, Thrall, Wash., for bridge 124-2, as per ENV-T- bill No. 526, dated January 3, 1918.

1917, Sep't 25th - N.P. 69886:

37	pos.	x36' rods	=	1295'	@	1.91¢	=	2473.45	@	.03433793	84.93
12	"	x14'6" "	=	174'	@	1.91¢	=	332.34	@	.03433793	11.41
100	"	x 6'6" "	=	650'	@	1.91¢	=	1241.50	@	.03433793	42.63
20	"	x 7'6" "	=	150'	@	.671¢	=	100.65	@	.03617	3.64
54	"	x14'6" "	=	783'	@	.671¢	=	525.39	@	.03617	19.00
8	"	x17'6" "	=	140'	@	1.91¢	=	267.40	@	.03433793	9.18
											170.79

Freight on reinforcing rods from Gary, Ind.
to St. Paul - 4640.73¢

@ 9¢ cwt.

4.45

Amount of this CREDIT Bill \$175.24

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 (CREDIT)

Order No.

Mem. No.

MEM-T- 238

TO

Engineering

Department, Dr.

191

1918-

C. E. M. of W.

17 ✓✓

(Auburn Concrete Plant)

Feb. 21st, To allow Auburn Concrete Plant, Operation Account, credit covering value of reinforcing material shipped to W.C. Slean, Satus, Wash., for bridge #60, as per MEM-T- bill No. 525, dated January 3, 1918:

1917 - Sep't 25 - N.P. 69886:

3 pos	1/2" x 30' 6" rods	= 91.5' @ .671#	= 61.4 @ .03619	2.22
40 "	1/2" x 27' 6" "	= 1100' @ 1.91#	= 2101# @ .03433793	72.14
2 "	1/2" x 35' "	= 70' @ 1.91#	= 133.7# @ .03433793	4.59
81 "	1/2" x 14' 6" "	= 1174.5' @ .671#	= 788.09# @ .03617	28.51
6 "	1/2" x 17' 6" "	= 105' @ .671#	= 70.46# @ .03617	2.55
28#	annealed wire @ 4.70 cwt.			1.32
				<u>111.33</u>

Freight on reinforcing rods from Gary, Ind.,
to St. Paul - 3154.65# @ 9#

2.84

Amount of this CREDIT Bill

\$114.17

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 (CREDIT)

Order No.

ENV-T- 237

Mem. No.

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

191 1918- C. E. M. of W.

1723

Feb. 21st, To allow Auburn Concrete Plant, Operation Account, Credit covering value of reinforcing rods shipped to W.C. Sloan, Paha, Wash., for bridge #76, as per ENV-T- bill No. 524, dated January 3, 1918:

1917, Sep't 12, W.P. 69894:

6 pcs	" 17'6" rods	= 105'	@ .671#	= 70.46	@ .03617	2.55
16 "	" 7' "	= 112'	@ 1.91#	= 213.92	@ .03433793	7.35
12 "	" 14'6" "	= 174'	@ 1.91#	= 332.34	@ .03433793	11.41
20 "	" 4'6" "	= 90'	@ 1.91#	= 171.9	@ .03433793	5.90
26 "	" 2'6" "	= 65'	@ 1.91#	= 124.15	@ .03433793	4.26
4/	- #16 annealed wire	@ 4.70 cwt.				.19
						<u>31.66</u>

Freight on reinforcing rods from Gary, Ind.,
to St. Paul - 912.77# @ 9¢ cwt.

.82Amount of this CREDIT Bill\$32.48

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

(CREDIT)

Order No.

Mem. No.

ENV-T- 236

TO

Engineering

Department, Dr.

191

1918- C. E. M. of W.

(Auburn Concrete Plant)

Feb. 21st, To allow Auburn Concrete Plant, Operation Account,
credit covering value of reinforcing material shipped
to W.C. Sloan, Connell, Wash., for bridge #106.3, as
per ENV-T- bill No. 523, dated January 3, 1918:

1917 Sept. 25th, S.P. 69886:

52 pcs. $\frac{1}{2}$ - 14'6" rods = 754' @ .671 = 505.93/ @ .03617 18.30

12# - #16 annealed wire @ 4.70 cwt. .56

18.86

Freight on reinforcing rods from Gary, Ind.,
to St. Paul - 505.93/ @ .09 cwt. .46

' Amount of this CREDIT Bill \$19.32

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

E. M. W. - T-2146

Engineering
(Auburn Concrete Plant)

Department, Dr.

1918.

O. E. M. of W. 1571

Jan. 31, For Expenses of Engineering dep't employes during January, 1918,
in connection with Auburn Concrete Plant.

Jan. 7th Chief clerk, Supper

.60

Jan. 10th, " " "

.70

Amount of this Bill

\$1.30

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

(CREDIT)

Order No.

Mem. No.

RMW-T-

12

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

191

1918-

G. E. W. of W.

1543

Jan. 18th, To allow Auburn Concrete Plant, -Operation account,
credit for value of cans shipped to South Tacoma Store
in N.P. car 2677, December 10, 1917, as per RMW-T-
bill No. 1, dated December 31, 1917, as follows:

1 - 5-gal. can	@ 40¢	.40
1 - 10-gal. can	@ 70¢	.70

AMOUNT of this CREDIT Bill \$1.10

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

STONE

Department

Order No.

Mem. No.

191

NEW-T-193

1918-

C. E. M. of W.

14870

Engineering
(Auburn Concrete Plant)

Department, Dr.

Jan. 21st, For engine service furnished at Auburn Concrete Plant,
Auburn, during November, 1917, as per Puget Sound
Operating Dept. bill No. 1188, ASAMA 3640, as follows:

Engine #368: Handle derrick loading concrete slabs:

11/5-	0-7-40 @	\$33.22	Services	20.37	
			Repairs	5.09	25.46
11/20-	0-3-0 @	33.22	Services	7.96	
			Repairs	2.20	9.96
11/23-	1-0-40 @	33.22	Services	28.34	
			Repairs	7.10	35.44

Amount of this Bill \$70.86

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-7-500

Mem. No.

191

1917- Q. E. M. of W.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1478

Dec. 5th, For engine service furnished during October, 1917,
in connection with Auburn Concrete Plant, as per
Puget Sound Div. Operating Dept. bill No. 1114,
ASAMA 3356, as follows:

Handling derrick #34, loading cement slabs:

10/16/17. Engine #339:

1-4-0

@ \$27.64

Service
Repairs

29.28

9.4138.69

Amount of this Bill

338.69

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

STORR

Department

Order No.

RMW-T- 503

Mem. No.

TO Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1917-

O. E. M. of W. 1477

Dec. 8th, For value of coal furnished Auburn Concrete Plant during October, 1917, as per Fuel Department bill No. 377, ASAMA 3345, as follows:

N.P. 25281 - 109600 lbs. = 54.8 tons Reslyn @ 2.40 131.52

Amount of this Bill

\$131.52

I certify that the above account is correct:

L. H. 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

Department

Order No. EMW-T-502

Mem. No.

191

1917-

S. E. W. of W.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

Dec. 8th, For cost of work train service furnished at Auburn
Concrete Plant in October, 1917, as per Puget Sound
Div. Operating Dept. bill No. 1090, A.D. 15723, as follows:

Loading concrete slabs:

10/16/17	Foreman 1-4-0 @ 5.00	7.00
	Helper 1-4-0 @ 4.625	<u>6.47</u>

Amount of this Bill

\$13.47

R. 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.

Mem. No.

BMV-T-10

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1918-

Q. E. M. of W.

1431

Jan. 14th, For payment of royalty to Walter C. Parmley, New York City, for concrete pipe manufactured at Auburn, Washington, during the year 1917, under Patents #765764 and 764304, in accordance with terms of contract dated Sep't 22, 1914.

24"	concrete pipe	804	pcs.	@ 8'	=	6432	ft.
36"	"	290	"	@ 8'	=	2320	"
48"	"	39	"	@ 8'	=	312	"

9064 ft. @ 5¢ 453.20

Amount of this Bill

\$453.20

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.

E. M. W. - T → 3

Mem. No.

TO

Engineering
(Auburn Concrete Plant).

Department, Dr.

191

1917. O. E. M. of W.

1430

Dec. 31st, For bonus allowed employees at Auburn Concrete Plant, July to
December, 1917, as follows:

NAME:AMOUNT EARNED:

W. H. Farmer	625.17	
T. G. Spiller	432.50	
August Dahl	446.25	
Geo. Dragseth	456.50	
John Huff	413.80	
John Dragseth	469.25	
J. A. Wasser	205.70	
H. C. Danner	390.85	
Charley Monroe	77.00	
Ray Long	52.25	
C. C. Smith	63.25	3612.52
		<u>361.26</u>

10% of 3612.52 - - -

361.26

Amount of this Bill

\$361.26

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS,

Engineer Maintenance of Ways

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.

BNV-T-

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

191 1917- Q. E. M. of W.

1428

Nov. 13th, For work train service furnished in connection with Auburn Concrete Plant, during September, 1917, as per Puget Sound Division Operating Dept. bill 1016, A.D. 15426, as follows:

Loading Concrete Slabs:

Switch Foreman	1-1-15	@ \$5.00	5.62
" Helper	2-2-30	@ 4.625	<u>10.41</u>

Amount of this Bill \$16.03

APPROVED:

A. M. BURT.

Chief Engineer of Maintenance of Way.

A. 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

(CREDIT)

Department

Order No.

RMV-T-1153

Mem. No.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191 1917- G. E. M. of W.

1425

Oct. 25th, To allow Auburn Concrete Plant, Operation Account,
credit covering value of 10-gallon oil can shipped
in H.P. car 38013 to South Tacoma Store, as per
RMV-T- bill No. 448, dated October 18, 1917.

1 - 10-gallon can

.38Amount of this CREDIT Bill

\$0.38

APPROVED:

Chief Engineer of Maintenance of Way.

L. W. PERKINS,

Engineer 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

(CREDIT)

Order No.

ENW-T-452

Mem. No.

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

191

1917-

G. E. M. of W.

1424

Oct. 25th, To allow Auburn Concrete Plant, Investment Account, credit covering value of ~~25~~ old cable shipped to Division Store Keeper at South Tacoma, as per ENW-T-bill No. 447, dated October 18, 1917:

278' - 3/4" old cable - 417/ @ 4.40 N.T. .92

Amount of this CREDIT Bill \$0.92

APPROVED:

A. M. BURT
Chief Engineer of Maintenance of Way.

L. M. PERKINS.

Engineer 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. **ENV-T-8**

Mem. No.

TO **Engineering**
(Auburn Concrete Plant)

Department, Dr.

191 1918.

C. E. M. of W. **1417**

Jan. 11th, For value of machine parts furnished by The T. L. Smith Co., Milwaukee, Wis., as per their invoice dated December 18, 1917, for use at Auburn Concrete Plant, as follows:

1 Spur Gear 13 T. 1 1/2" P. 2 1/2" B. 5/8x13/32" K. Patt. 48	5.75
1 " " 26 T. 1 1/2" P. 2-1/16" B. 1/2" K. Patt. 48	10.00
1 Spur part of spur bevel gear 12T 2 1/2" B. 5/8" B. Pat. 500	10.95

26.70

Less 10% - 10 days

2.67

24.03

Plus 1% Purchase Expense

.24

Amount of this Bill

\$24.27

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

TO

Engineering

Department, Dr.

ENV-T-

517

(Auburn Concrete Plant)

1917-

G. E. M. of W.

138

Dec. 28, For value of concrete piling shipped to J.L. DeForce,
 Clarke Fork, Idaho, for Bridge #94. JLD #394
 ST #7590. P. 755-1917.

1917. Sep. 25, H.P. 69182.

10 pcs. 25-ft. piles = 250 ft.	@ 0.751224	187.82
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Depreciation on plant	@ 22.342%	41.95
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Amount of this Bill	\$229.77
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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

6660# cement from Bellingham @ .05 cwt.
 3772# reinforcing rods from St. Paul @ .90 cwt.

FREIGHT ON FINISHED PRODUCT:

52600# concrete piling from Auburn to Clarke Fork

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

RHW-T-516

TO

Engineering

Department, Dr.

1917-

C. E. M. of W. 138/

(Auburn Concrete Plant)

Dec. 28th, For value of concrete piling shipped to W.C. Albee,
Olequa, Wash., for Bridge #81.1. WCA #773. F.2617(17).

1917- Nov. 15 N.P. 67294 - 8 pcs 30-ft. piles

" 26 " 62958 - 11 " 30 " "

" 26 " 68437 - 11 " 30 " "

" 26 " 67444 - 11 " 30 " "

41 " 30 " "

14 - 30-ft. piles (JCB) = 420 ft.

@ 1.00 420.00

27 - 30 " " (1914) = 810 ft.

@ .6219383 503.78

Depreciation on plant (1914 product)

@ 22.342% 112.84

Interest on investment

@ 9.575% 88.45

Amount of this Bill \$1124.77

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:

32800# cement from Bellingham @ .05 cwt.
18300# reinforcing rods from St. Paul @ .90 "

FREIGHT ON FINISHED PRODUCT:

270600# concrete piling from Auburn to Olequa

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

(CREDIT)

Order No.

ENV-7-

Mem. No.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1917- C. E. M. of WA 1379

Dec. 31st, To allow Auburn Concrete Plant credit covering value of empty cement sacks shipped to Olympic Portland Cement Company, Bellingham, Wash., as per ENV-7- bill.... dated December 31st, 1917-

3686	"Olympic" sacks, good condition @ 10¢	368.60
129	" " damaged @ 10¢	12.90
Amount of this CREDIT Bill		\$381.50

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

514

TO

Engineering

Department, Dr.

191

E. M. of W.

1373

(Auburn Concrete Plant)

1917.

Dec. 31st, for labor furnished at Auburn Concrete Plant, during the month of December, 1917.

Plant Superintendent
Engineer
Carpenters
Pumpman
Concrete Helpers

24 das. @ 110.00
3 " @ 3.75 day
22 das. @ 3.25 "
7 " @ 3.00 "
12 das. @ 2.75 "

85.17
11.25
71.50
21.00
33.00

Amount of this Bill

\$221.92
.....

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

E. M. W. - T 533 TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1917. C. E. M. of W. 1351

Dec. 31st, For expenses of Engineering department employes in connection with Auburn Concrete Plant, during December, 1917.

Dec. 7th, chief clerk,	Dinner	.65	
Dec. 28th, " "	Supper	.70	1.35
Dec. 1 to 24, plant sup't	24 das. @ 1.00		<u>24.00</u>

Amount of this Bill

\$25.35

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.

G. E. M. of W. 2366

Engineering Department.

EW-T- 663

TRANSFER VOUCHER.

1917-

Oct. 13th, For value of concrete telephone booth shipped to
J.E. Craver, Lester, Wash., to be used as oil house,
as per EW-T- Bill No. 426, dated October 3rd., 1917.

G. E. M. of W. 1298

Amount of this Voucher

\$19.69

CREDIT:

Material and Supplies,
Auburn Concrete Plant,
Operation Account

\$19.69

CHARGE:

Material and Supplies,
Seattle Division

\$19.69

G. E. M. of W. 2365

Engineering Department.

EMW-T- 662

TRANSFER VOUCHER:

1917-

Oct. 13th. For value of reinforcing rods shipped to J.L. DeForce,
Clark's Fork, Idaho, for Bridge #94, as per EMW-T-
bill No. 378, dated August 31st, 1917: G. E. M. of W. 1297

Amount of this Voucher	\$19.10

CREDIT:	
Material and Supplies,	
Auburn Concrete Plant,	
Operation Account	\$19.10

CHARGE:	
Material and Supplies,	
Idaho Division	\$19.10

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

(CREDIT)

Order No.

Mem. No.

ENG-T- 441

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

191

1917-

C. E. M. of W. 1299

Oct. 13th. To allow Auburn Concrete Plant, Operation Account, credit covering value of concrete telephone booth shipped to J.E. Craver, Lester, Wash., to be used as oil house, as per ENG-T- bill No. 426, dated October 3rd., 1917:

1917 - Sept. 26:

N.P. 69182 -

1 Concrete telephone booth

19.69Amount of this CREDIT Bill \$19.69

I certify that the above account is correct:

E. 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

(CREDIT)

Order No.

Mem. No.

ENW-T-440

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

191

1917-

C. E. M. of W. 1296

Oct. 13th, To allow Auburn Concrete Plant, Operation Account,
credit covering value of reinforcing rods shipped
to J.L. DeForce, Clark's Fork, Idaho, for Bridge #94,
as per ENW-T- bill No. 378, dated August 31, 1917:

Aug. 22, 1917. NP 97565:

24 pcs $\frac{1}{2}$ "x17'6" - 420 ft.

24 " $\frac{1}{2}$ "x14'6" - 348 "
768 ft. @ .671# = 515.33# @ .03617 18.64

Freight from Gary to St. Paul 515.33# @ .09 cwt. .46

Amount of this CREDIT Bill \$19.10

E. 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.

Mem. No.

HW-T- 450

TO

Engineering

Department, Dr.

191

1917-

O. E. M. of W. 1246

(Auburn Concrete Plant)

Oct. 20th, For value of material furnished during August, 1917,
for use at Auburn Concrete Plant, as per South Tacoma
Store Department bill No. 1389, AT&NA 3632, as follows:

Inv. 8-878: W/B 59, NP 42184, 8/24/17, Auburn, TST 2019:

100 gals. Car oil	St. Paul	730¢	19.22 cgl	19.22	
100¢ 60d. Nails	"		2.87 C¢	2.87	22.09

Inv. 8-181: W/B 0682, NP 26192, 8/6/17, Auburn, TST 1696:

3 Sledge handles	St. Paul	6¢	1.13 dz.	.28	
3 Pick	"	4¢	1.34 dz.	.34	
6 12" Flat files	"	6¢	2.18 dz.	1.09	
6 8" "	"	4¢	1.13 dz.	.57	
2 Track chisels	"	2¢	.36 ea.	.72	3.00

Inv. 8-175: W/B 0676, NP 26192, 8/6/17, Auburn, TST 1696:

5 gals Coal oil	So. Tacoma	30¢	9.00 cgl	.45	
1 repaired 10-gal oil can	St. Paul	6¢	.38 ea	.38	.83

Inv. 8-158: W/B 0630, NP 34391, 8/4/17, Auburn, TST 1790:

50¢ shingle nails	St. Paul	50¢	4.93 c¢		2.47
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Inv. 7-28: W/B 040, NP 6204, 7/3/17, Auburn, ST 6584:

2 sets Friction blocks P-77			.59½ set.	1.19	
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Store Expense

Amount of this Bill

29.58
2.96
\$32.54

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

Q. E. M. of W. 1206

Order No.

Mem. No.

191

E. M. W. - T-50 / TO
1917.Engineering
(Auburn Concrete Plant)

Department, Dr.

Nov. 30th, For anticipated bonus, Auburn Concrete Plant, November, 1917.

NOVEMBER:

W.H. Farmer	110.00	
T.G. Spiller	21.00	
August Dahl	87.75	
Gee. Dragseth	81.25	
John Huff	74.10	
H.C. Danner	78.00	
John Dragseth	90.00	
Charley Monroe	66.00	
C. C. Smith	52.25	
Ray Long	41.25	
		701.60

PLUS FOLLOWING TIME DEDUCTED FROM OCTOBER SUMMARY:OCTOBER:

J.A. Wasser	79.20	
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SEPTEMBER:

J. A. Wasser	66.00	
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AUGUST:

J. A. Wasser	60.50	205.70
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907.30

10% of 907.30

90.73

Amount of this Bill

890.73

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

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

E. M. W. - T-485

TO

Engineering
(Auburn concrete plant)

Department, Dr.

1917 O. E. M. of W. 1203

Nov. 30th, For labor furnished at Auburn concrete plant, Auburn, during
November, 1917.

Plant Superintendent	1 mo. @ 110.00	110.00
Engineer	5.6 das. @ 3.75	21.00
Carpenters	98.8 " @ 3.25	321.10
Pumpman	30.0 " @ 3.00	90.00
Concrete helpers	65.0 " @ 2.75	<u>178.75</u>

Amount of this Bill

\$720.85

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS.

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.

ENW-T-486

Mem. No.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191 1917-

O. E. M. of W. 1173

Nov. 30th, For drayage performed during the month of November, 1917, by J. W. Meade, Auburn, as per invoice dated November 30th, 1917, while hauling material from freight house to concrete plant, at Auburn, as follows:

Nov. 6th,	hauling oil	1.50
" 20th,	" lumber, 4x4-16	2.50
" 28th,	" "	2.50
Amount of this Bill		\$6.50

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-491

Mem. No.

TO

Engineering
(Auburn concrete plant)

Department, Dr.

191

1917. O. E. M. of W. 1169

Nov. 30th, for Expenses of Engineering dep't employees in connection with
Auburn Concrete Plant, during November, 1917.

plant Superintendent

30 das. @ 1.00

30.00

Amount of this Bill

\$30.00

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 (CREDIT)

Order No.

Mem. No.

EMW-T- 483

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191 1917- C. E. M. of W. 1143

Nov. 22nd., To allow Auburn Concrete Plant, Operation Account,
credit covering value of reinforcing rods shipped
to A. Herider, Ellensburg, Wash., for old Bridge #124,
as per EMW-T- bill No. 474, dated Nov. 13th, 1917:

8 pcs. $\frac{1}{2}$ " round reinforcing rods 14'6" long 116 ft.

16 " $\frac{1}{2}$ " " " " 5'6" " 88 "

204 ft. @ .671# = 136.88# @ .03617 4.95

Freight from Gary to St. Paul 136.88# @ .09 .12

Amount of this CREDIT bill \$5.07

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

ENG-T- 419

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1317- O. E. M. of W. 1134

Sept. 17th, For value of fuel furnished during July, 1917,
in connection with Auburn Concrete Plant, as
follows:

Fuel Department ASMA bill 8883:

July 18, 1917:

N.P. car 55447 - 108500 lbs.

54.25 tons Roslyn coal

@ 2.40 per ton

130.20

Amount of this Bill

130.20

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.

Engineer Maintenance of Way

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

ENT-T-407

TO

Engineering

Department, Dr.

1817-

O. E. M. of W.

(Auburn Concrete Plant)

7131

Sept. 17th, For labor furnished during July, 1917, in connection with Auburn Concrete Plant, as per Puget Sound Div. Operating Dept. bill No. 843, A.D. 14894:

Work Train - Load concrete slabs at Auburn:

July 9th,	Conductor	0-8-0 @ 5.00	4.00	
	Brakemen	1-6-0 @ 4.625	7.40	11.40
July 31st	Conductor	1-0-0 @ 5.00	5.00	
	Brakemen	2-0-0 @ 4.625	9.25	14.25

Amount of this Bill

\$25.65

I certify that the above account is correct:

Bill as rendered, correct:

E. 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- 408

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1917- C. E. M. of W. 1130

Sept. 17th, For value of material furnished during July, 1917,
in connection with Auburn Concrete Plant, as per
So. Tacoma Store Dept. bill No. 1172, ASAMA 2199,
as follows:

Inv. 7-54, W.B. 0107, RP 5204, 7/3/17, Auburn, TST 1496:

100 gals. car oil St. Paul 730# @ 19.22 cgal 19.22

Inv. 7-227, W.B. 121, Exp. 7/11/17, Auburn, TST 1566:

40 lbs. 3d. shingle nails St. Paul @ 5.08 c# 2.03

Store Expense

21.25

2.13

Amount of this Bill

\$23.38

I certify that the above account is correct:

Bill as rendered, correct:

E. 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.

MEM-T- 409

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191 1917-

O. E. M. of W. 1179

Sept. 19th, For engine service furnished during July, 1917, in connection with Auburn Concrete Plant, as per Puget Sound Division - Operating Dept. bill 870, ASAMA 2292:

Handle and lead concrete slabs:

July 9th, Eng. 368 - 0-7-40 @ 39.43	Service	25.06	
	Repairs	<u>5.15</u>	30.21

Work train at Auburn Gravel Pit:

July 31st, Eng. 1103 - 0-9-0 @ 36.40	Service	26.71	
	Repairs	<u>6.05</u>	<u>32.76</u>

Amount of this Bill

\$62.97

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.

410

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

191

1917- O. E. M. of W.

1128

Sept. 17th, For value of material furnished during July, 1917, in connection with Auburn Concrete Plant, as per Brainerd Store Dept. bill 193, AS&MA 2321, as follows:

HP-20929 Glendive to Auburn, July 16, WB-483:

300	pcs	3/8"x14'9" rhd. corr.				
20	"	3/8"x17'3" " "	St. Paul 29317	@ 3.829 cwt.		112.23
180	"	3/8"x 8'0" " "				
120	"	1"x29'0" " "	" 92997	@ 1.80 "		167.38

279.61

Store Expense 2%

5.59

Amount of this Bill

\$ 285.20

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

W. PERKINS

Engineer Maintenance of Way

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

E. M. W. - T - 471

Mem. No.

191

1917.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

O. E. M. of W. 1115

Oct. 31, For anticipated bonus, Auburn Concrete Plant, October, 1917.

W.H. Farmer	110.00	
T.G. Spiller	96.00	
August Dahl	88.40	
Geo. Dragseth	88.40	
John Huff	89.70	
H.C. Danner	78.00	
John Dragseth	93.00	643.50

Less September time a/c leaving service and not entitled to bonus:

J.W. Diamond	66.00	
J.A. Wasser	66.00	
Walter Rundle	33.00	
P.M. Garden	66.00	231.00

Less August time:

P.M. Garden	77.00	
J.W. Diamond	60.50	
Walter Rundle	60.50	
J.A. Wasser	60.50	258.50

Less July time:

Walter Rundle	30.00	
P.M. Garden	42.50	
J.W. Diamond	62.50	135.00

624.50

19.0010% of 19.00 - - - 1.90

Amount of this Bill

\$1.90

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-454

Mem. No.

TO

Engineering
(Auburn concrete plant)

Department, Dr.

191

1917. O. E. M. of W. 1112

Oct. 31, For labor furnished at Auburn concrete plant during October, 1917.

Plant Superintendent
Engineer
Carpenters
Pumpman
Concrete Helpers

1 mo. @	110.00	110.00
25.6 das. @	3.75	96.00
106.0 das. @	3.25	344.50
31.0 das. @	3.00	93.00
57.8 das. @	2.75	<u>158.95</u>

Amount of this Bill

\$802.45

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.

ENG-T- 463

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

1917-

O. E. M. of W.

188

Nov. 5th, For value of material furnished by Seattle Hardware Co.,
as per their invoice dated November 1, 1917, for use at
Auburn Concrete Plant, as follows:

3 rolls 2-ply Malthine paper - 1000-sq.ft. - @ 3.10 roll 9.30

Plus 1% Purchase Expense .09

Amount of this Bill \$9.39

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. - 1076

Mem. No.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1917. O. E. M. of W. 1076

Oct. 31, For Expenses of Engineering dep't employees in connection with
Auburn Concrete Plant, during October, 1917.

Plant sup't

31 das. @ 1.00

31.00

Amount of this Bill

\$31.00

APPROVED:

A. M. BURT.

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

Department

STORE

Order No.

Mem. No.

191

E. M. W. - T-437 TO

Q. E. M. of W. 1034

Engineering

(Auburn Concrete Plant)

Department, Dr.

Oct. 11th For value of cement furnished by Olympic Portland Cement Company, Bellingham, for Auburn Concrete Plant, Auburn, shipped on NP cars 33587 and 48757, as per Balfour, Guthrie & Company's bill dated October 4th, as follows:

390 bbls. Olympic Cement @ 2.10
 Less 5¢ per bbl. - 10 days
 Plus 1% Purchase Expense

819.00

19.50

799.50

8.00

Amount of this Bill

791.50
\$807.50

APPROVED:

A. M. BURT

Chief Engineer of Maintenance of Way.

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. **EMW-T-**TO **Engineering**
(Auburn Concrete Plant)

Department, Dr.

191 **1917- Q. E. M. of W. 1045**

Aug. 31st, For labor performed during June, 1917, loading concrete slabs at Auburn Concrete Plant, Auburn, as per Puget Sound Division Operating Dept. bill No. 681, AD 14698, as follows:

Work Train:

June 21-

Foreman

1-0-40

@ 5.00

5.33

Helper

1-0-40

@ 4.62

4.93

Amount of this Bill

\$10.26

APPROVED:

A. M. BORT.

Chief Engineer of Maintenance of Way.

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.

Q. E. M. of W. 1874

E. M. W. - T-661

Engineering Department

TRANSFER VOUCHER

1917

Oct. 11th For value of empty cement sacks shipped to Olympic Portland Cement Company, Bellingham, Washington, as per EMW-T bill dated October 11th, 1917.

CREDIT:

Material and Supplies
Auburn Concrete Plant
Operation Account

\$497.40

CHARGE:

Bill for Collection
Balfour, Guthrie & Company

\$497.40

Bills 1032 + 1033

NORTHERN PACIFIC RAILWAY COMPANY

Department

(CREDIT)

Order No.

Mem. No.

191

STORE

E. M. W. - T-439

TO

Q. E. M. of W.

10³Engineering
(Auburn Concrete Plant)

Department, Dr.

Oct. 11th To allow Auburn Concrete Plant credit covering value of empty cement sacks shipped to Olympic Portland Cement Company, Bellingham, Washington, as per E.M.W.T. bill dated October 11th, 1917.

4661 "Olympic" sacks @ 10¢

466.10

265

"

"

damaged @ 10¢

26.50

Amount of this Credit Bill\$492.60

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS

Engineer Maintenance of Ways

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 → 433

Mem. No.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1917. Q. E. M. of W. 1077

Sept. 30th, per 10% of amounts allowed employees at Auburn concrete plant,
during September, 1917, a/c anticipated bonus.

W. H. Farmer	110.00
T. G. Spiller	97.50
August Dahl	78.00
Geo. Dragseth	78.00
John Huff	65.00
H. C. Danner	74.10
John Dragseth	87.00
P. M. Garden	66.00
J. W. Diamond	66.00
J. A. Wasser	66.00
Walter Rundle	33.00

820.60

10% of 820.60

82.06

Amount of this Bill

882.06

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.

E. M. W. - T-4

TO

Engineering
(Auburn Concrete plant) Department, Dr.

191

1917.

Q. E. M. of W. 1026

Sept. 30, for labor furnished at Auburn concrete Plant, September, 1917.

plant sup't	1 mo. @ 110.00	110.00
Engineer	26 days. @ 3.75	97.50
Carpenters	90.8 " @ 3.25	295.10
Pumpman	29 das. @ 3.00	87.00
Concrete Helpers	89 das. @ 2.75	<u>244.75</u>

Amount of this Bill

\$834.35

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.

ENW-T-418

TO

Engineering

Department, Dr.

191

1917-

Q. E. M. of W.

(Auburn Concrete Plant)

Sept. 30th. For drayage performed during the month of September, 1917, by J. W. Meade, Auburn, as per invoice dated Sept. 29, 1917, while hauling material from freight house to concrete plant, at Auburn, as follows:

Sept. 13th. Drayage on oil

1.50

Amount of this Bill

81.50

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.

Mem. No.

191

1917

O. E. M. of W.

TO

Engineering
(Auburn concrete Plant)

Department, Dr.

Sept. 30, For Expenses of Engineering department employes in connection with Auburn concrete Plant, during September, 1917.

Plant Sup't

30 days @ 1.00

30.00

Amount of this Bill

\$30.00

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.

REV-T- 411

Mem. No.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191 1917-

Q. E. M. of W.

962

Sep. 21st, For value of material furnished by United States Steel
Products Company, Seattle, as per invoice dated Sept.
15, 1917, as follows - for use at Auburn Concrete Plant:

3 bbls. 16 black annealed baling wire 300# @ 4.75 per 100# 14.25

Less 2% 10 days .39

13.96

Plus 1% Purchase Expense .14

Amount of this Bill \$14.10

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS.

Engineer Maintenance of W.

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

TO

Department, Dr.

191

Engineering

(Auburn Concrete Plant)

1917

E. M. of W. 954

Sept. 14th, For value of material furnished by Lumber Manufacturer's Agency, Centralia, Wash., for Auburn Concrete Plant, shipped on NP-83797, as per their invoice dated August 23, 1917-

100 Pcs 4x4x16 #1, com. fir rgh, 2133' @ 18.00	38.39
Less 3% 5 das	.77
	<u>37.62</u>
Plus 1 % Purch. Exp.	.38
	<u>\$38.00</u>
Amount of this Bill	*****

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-379

TO

Engineering

Department, Dr.

191

1917- O. E. M. of W. 948 (Auburn Concrete Plant)

Aug. 31st, For labor furnished at Auburn Concrete Plant, during August, 1917.

Plant Sup't	1 mo. @ 110.00	110.00
Engineer	29 das. @ 3.75	108.75
Carpenters	108 das. @ 3.25	351.00
Pumpman	31 das. @ 3.00	93.00
Concrete Helpers	116 das. @ 2.75	319.00
concrete Helpers	12.5 das. @ 2.50	<u>31.25</u>

Amount of this Bill

\$1013.00

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.

TO

ENGINEERING

Department, Dr.

1917

O. E. M. of W.

908

(Auburn Concrete Plant)

September

For amount of anticipated bonus to be allowed

14th:- employees of the Auburn Concrete Plant, during August,
1917 on Bonus Payroll, as follows:-

TOTAL AMOUNT OF THIS BILL

\$85.25

Charge:-

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

O. E. M. of W. 905

Order No.

Mem. No.

E. M. W. - T-368 TO

191

1917-

Engineering
(Auburn concrete plant)

Department, Dr.

July 31, For 10% of amounts allowed employees at Auburn concrete plant, during July, 1917, a/c anticipated bonus to be paid employees in service from July 1 to Dec. 31, 1917, as follows:

W.H. Farmer	100.00	- 10%	10.00
T.G. Spiller	98.00	- 10%	9.80
August Tahl	81.60	- 10%	8.16
Geo. Dragseth	81.60	- 10%	8.16
John Huff	81.00	- 10%	8.10
John Dragseth	85.25	- 10%	8.52
H.C. Danner	60.00	- 10%	6.00
Walter Rundle	30.00	- 10%	3.00
P.W. Garden	42.50	- 10%	4.25
R.T. Starr	56.25	- 10%	5.63
J.W. Diamond	62.50	- 10%	6.25
C.F. Teets	12.50	- 10%	1.25

Amount of this bill

\$79.12

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.

Engineer Maintenance of Way

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

HYV-T- 387

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191 1917- O. E. M. of W.

901

Aug. 31st, For drayage performed during the month of August, 1917, by J.W. Meade, Auburn, as per invoice dated August 29, 1917, while hauling material from freight house to Auburn Concrete Plant, at Auburn, as follows:

Aug. 6th,	Hauling lumber	2.25
" 8th,	Hauling nails and oil	1.50
" 17th,	Hauling cable and paper	1.50
" 22nd,	Hauling reinforcing rods	1.25

Amount of this Bill \$6.50

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

E. M. W. - 387 TO

Q. E. M. of W. 897

Engineering
(Auburn concrete plant)

Department, Dr.

1917.

Aug. 31, For Expenses of Engineering department employees in connection with Auburn Concrete Plant, August, 1917.

Plant Sup't 1 mo. @ 1.00

31.00

Amount of this Bill

\$31.00
.....

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

E. M. PERKINS,

Engineer Maintenance of Way

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

191

EXV-T-376

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

1917-C. E. M. of W. 867

Aug. 30th, For value of cement furnished by Balfour, Guthrie & Co.,
Tacoma, as per their invoice dated August 20, 1917,
for use at Auburn Concrete Plant, as follows:

462 bbls "Olympic" cement @ 2.10 f.o.b. N.P. tracks, Bellingham	970.20	
Less 5¢ per bbl. - 10 days	<u>23.10</u>	947.10
Plus 1¢ Purchase Expense		<u>9.47</u>
Amount of this Bill		\$956.57

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.

ENW-T- 374

TO

Engineering

Department, Dr.

191

1917- O. E. M. of W. 865

(Auburn Concrete Plant)

Aug. 23rd., For amount of Engine Service furnished during June, 1917, in connection with Auburn Concrete Plant, as per Material and Supplies Miscellaneous Dept. bill No. 686, AS&MA 2101, as follows:

Handle concrete slabs with wrecker:

June 21st. Engine 56 - 0 - 6 - 45 - @ 37.096	Service 20.56	
	Reprs. 4.48	25.04
June 21st. Engine 1259 - 0 - 3 - 55 - @ 31.684	Service 9.73	
	Reprs. 2.69	12.42

Amount of this Bill \$37.46

I certify that the above account is correct:

E. M. PERKINS.

Bill as rendered, correct:

Engineer Maintenance of Wm.

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

ENT-T-

375

Mem. No.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1917- Q. E. M. of W.

864

Aug. 24th, For amount of foreign line freight charges from Gary, Ind., to St. Paul on material for use in connection with Auburn Concrete Plant, as per Material & Supplies Dept. bill No. 5836, AD 14363, as follows:

Q car 17581, W.B. 2439- 3/25/17- Pro. 10024:

2455 C.H. bar steel - 80880# @ .09 72.79

Q car 178170, W.B. 2108- 2/22/17- Pro. 12581:

3110 C.H. bars steel- 88900# @ .09 80.01 152.80

Amount of this Bill

\$152.80

L. M. PERKINS,

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

(C R E D I T)

Order No.

Mem. No.

191

ENV-T- 357

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

1917- G. E. M. of W. 854

Aug. 2nd., For concrete piling and reinforcing rods shipped to
J.L.DeForce, Mexon, Mont., for Bridge 69, as per
ENV-T - bill 338, dated July 12th, 1917, as follows:

1917 - July 3rd. - N.P. 62519:

10 pcs 20-ft. concrete piles = 200 ft.	@ 0.76346	152.70
Depreciation on Plant	@ 22.342	34.12
12 pcs $\frac{1}{2}$ x14'6" Reinf. rods = 174 ft.		
108 " $\frac{1}{2}$ x6' 6" " " = 702 "		
66 " $\frac{1}{2}$ x4' 8" " " = 307.56 ft.		
8 " $\frac{1}{2}$ x17'6" " " = 140 ft.		
24 " $\frac{1}{2}$ x5' " " = 120 "		
16 " $\frac{1}{2}$ x5'10" " " = 93.28 ft.		
28 " $\frac{1}{2}$ x3'3" " " = 102.48 "		
	$\frac{1639.32 \text{ ft.} @ 1.91\#}{3131.2\#}$	
	@ .03474	108.78
48 " $\frac{1}{2}$ x14'6" " " = 696 ft.		
28 " $\frac{1}{2}$ x17'6" " " = 490 "		
1186 ft. @ .671# = 795.8#	@ .03617	28.78
16 lbs. #16 annealed wire	@ .05#	.80
Freight on reinforcing rods from Gary, Ind., to St. Paul - 3927#	@ .09 cwt.	3.53
Amount of this CREDIT Bill		\$328.71

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

C. E. M. of W.

Order No.

Mem. No.

191

RMW-T-

338

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

1917-

C. E. M. of W. 853

July 12th, For concrete piling and reinforcing rods shipped to
J. L. DeForce, Noxon, Mont., for Bridge #69.
S.T. #7238 - J.L.D. #367. File #696-1917.

1917 - July 3rd. - N.P. 62519:

10	pcs	20-ft. concrete piles = 200 ft.	0.76346	152.70
		Depreciation on Plant	22.342	34.12
12	"	1/2x14'6" Reinf. rods = 174 ft.		
108	"	1/2x6' 6" " " = 702 "		
66	"	1/2x4' 8" " " = 307.56 ft.		
8	"	1/2x17'6" " " = 140 ft.		
24	"	1/2x5' " " = 120 "		
16	"	1/2x5'10" " " = 93.28 ft.		
28	"	1/2x3'8" " " = 102.48 "		
		1639.32 " @ 1.91# = 3131.2# @ .03474		108.78
48	"	1/2x14'6" " " = 696 ft.		
28	"	1/2x17'6" " " = 490 "		
		1186 " @ .671# = 795.8# @ .03617		28.78
16#	#16	annealed wire	.05#	.80
				3325.18

Freight on reinforcing rods from Gary, Ind.

to St. Paul - 3927# @ .09 cwt. 3.53

Amount of this Bill \$328.71

APPROVED:

A. M. BURT.
Chief Engineer of Maintenance of Way.

I certify that the above account is correct:

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. E. M. of W. 852

Order No.

Mem. No.

191

EMW-T-373

1917-

TO

Engineering
(Auburn Concrete Plant).

Department, Dr.

Aug. 24th, For value of material furnished by Mill & Mine Supply Co., Seattle, Wash., as per their invoice dated August 15, 1917, for use at Auburn Concrete Plant, as follows:

300 ft. 3/4 x 6/19 wire cable @ .39 117.00

Less 2% - 10 days 2.34 114.66

Plus 1% Purchase Expense 1.15

Amount of this Bill

\$115.81

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

E. M. PERKINS.

Engineer Maintenance of Way

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

STORE

Q. E. M. of W. 848

Order No.

Mem. No.

1917

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1917-

Aug. 14th, For value of material furnished during April, May and June, 1917, in connection with Auburn Concrete Plant, as per South Tacoma Store Department bill No. 999, ASAMA 1785, as follows:

Inv. 4-350: W/B 0686, NP 38344, 4/16/17, Auburn, TST 915:

2 grooved wheels 6" dia 1 1/2" thick D-10202 St. Paul 14¢ @ .43 ea. .86

1 casting 6x6 with grooved edge D-10203 St. Paul 10¢ 1.32

Inv. 6-662: W/B 01433, NP 30153, 6/27/17, Auburn, ST 7130:

1 doz. 12" hack saw blades St. Paul 1¢ @ .76 dz. .76

Inv. 5-43: W/B 0112, NP 35756, 5/2/17, Auburn, TST 1034:

30 ps. 2x12x16' SLS D-10642 960' Centralia 3168¢ @ 13.363m' 12.83

15.77

Store Expense

1.58

Amount of this Bill

\$17.35

Your copy

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

1917-

TO

Engineering

Department, Dr.

C. E. M. of W. 823 (Auburn Concrete Plant)

Aug. 20th, For value of material furnished by Pacific Coast Steel Company, Seattle, Wash., as per their invoice dated August 7th, 1917, for use at Auburn Concrete Plant, as follows:

91 - 3/8" round corrugated bars 14'9"		
151 - " " " " 10'8"	1120# @ 5.85	65.52
	Plus 1% Purchase Expense	.66

Amount of this Bill

\$66.18

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-T- 367

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1917- Q. E. M. of W. 8/3

Aug. 15th, For value of material furnished by Seattle Hardware Co., Seattle, Wash., as per their invoice dated August 5th, 1917, for use at Auburn Concrete Plant, as follows:

5 - 1000-ft. Rolls #2 Galvalume Building Paper @ 3.10 15.50

Plus 1% Purchase Expense .16

Amount of this Bill \$15.66

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

1917- O. E. M. of W.

TO

Engineering
(Auburn concrete Plant)

Department, Dr.

July 31, For labor furnished at Auburn concrete Plant, July, 1917.

Plant Sup't	1 mo. @ 100.00	100.00
Engineer	28 das. @ 3.50	98.00
Carpenters	105.4 " @ 3.00	316.20
Pumpman	31. das. @ 2.75	85.25
Concrete Helpers	120.5 das. @ 2.50	<u>301.25</u>

Amount of this Bill

\$900.70

APPROVED:

A. M. BURT.

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.

Mem. No.

191

1917.

TO

Engineering
(Auburn concrete plant)

Department, Dr.

July 31, For Expenses of Engineering department employees in connection
with Auburn concrete Plant, during July, 1917.

Plant sup't	31 days @ 1.00	31.00
Chief Clerk, Auburn:		
July 24, Dinner		.45
July 26, "		.40
		<u> </u>

Amount of this Bill

\$31.85

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

L. M. PERKINS

Engineer Maintenance of Way

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

C. E. M. of W. 754

STORE

Department

Order No.

ENG-T-349

Mem. No.

191

1917-

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

July 31st, For drayage performed during July, 1917, by J.W. Neede, Auburn, while transferring material from Freight House to concrete plant, at Auburn, as per his bill dated July 30th, as follows:

July 4,	Drayage on roofing paper	1.50
" 7,	" " oil	1.50
" 12	" " sheet iron	1.50

Amount of this Bill

\$4.50

APPROVED:

A. M. BURT.

Chief Engineer of Maintenance of Way.

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

G. E. M. of W. 735

Order No.

RMV-T-344

Engineering

Mem. No.

TO (Auburn Concrete Plant).

Department, Dr.

191 1917-

July 26th, For value of material furnished by Balfour Guthrie & Co., Tacoma, as per their invoice dated July 18, 1917, for use at Auburn Concrete Plant, as follows:

350 bbls "Olympic" cement @ 2.10 f.o.b.		
N.P. tracks, Bellingham	735.00	
5% off per bbl - 10 days	<u>17.50</u>	717.50
Plus 1% Purchase Expense		<u>7.18</u>
Amount of this Bill		\$724.68

APPROVED:
A. M. BURT.

Chief Engineer of Maintenance of Way.

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

C. E. M. of W. 734

STORE

Department

Order No.

ENV-T- 343

Mem. No.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1917-

July 23rd., For value of material furnished by Hunt & Wottet Company, Tacoma, as per their invoice dated July 12, 1917, for use at Auburn Concrete Plant, as follows:

72 sheets 24x30x96 black iron	1679# @ 11.35 C #	190.57
	Less 25 - 10 days	3.81 186.76
	Plus 1% Purchase Expense	1.87
	Amount of this Bill	\$188.63

APPROVED:

A. M. BURT

Chief Engineer of Maintenance of Way.

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. E. M. of W. 733

Order No.

ENV-T-336

Mem. No.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191 1917-

June 30th, For amount paid employees account bonus during
months from January to June, 1917, inclusive.

<u>Feb.</u>	<u>Mar.</u>	<u>Apr.</u>	<u>May</u>	<u>June</u>
<u>134.38</u>	<u>703.00</u>	<u>863.80</u>	<u>948.75</u>	<u>889.90</u>
<u>9.127%</u>	<u>8.878%</u>	<u>8.748%</u>	<u>9.223%</u>	<u>9.693%</u>
12.28	62.41	75.57	87.51	86.26

Amount of this bill

\$324.03

APPROVED:

A. M. BURT.
Chief Engineer of Maintenance of Way

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS

Chief Engineer of 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. E. M. of W. 44

Order No.

Mem. No.

ENT-T-340

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191 1917-

July 17th, For value of material furnished by Crane Co., Tacoma,
as per their invoice dated July 6, 1917, for use at
Auburn Concrete Plant, as follows:

2/12 doz. 3/4" #806 lever handle SAW cocks @ 36.60 dz. 6.10

45% 3.36
Postage .11

3.47

Plus 1% Purchase Expense .03

Amount of this Bill \$3.50

APPROVED:

A. M. BURT.
Chief Engineer of Maintenance of Way.

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

C.E.M. 713

STORE

Department

Order No.

Mem. No.

191

EMV-T-315

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1917-

June 25th, For amount of Foreign Line Freight Charges
on Reinforcing material, for Auburn Concrete
Plant, as per letter E. Yager, 5/1/17 -
South Tacoma Store Department bill No. 909,
ACAAA 1508:

4.20

Amount of this bill

34.20

APPROVED:

Chief Engineer of Maintenance of Way.

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

G.E.M. or W. 71V

STORE

Department

Order No.

Mem. No.

BMW-T-316

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1917-

June 28th, For value of coal furnished Auburn Concrete Plant during the month of May, 1917, as per Fuel Dep't bill No. 203, ASAMA 1524, as follows:

H.P. 82945 - 72300 lbs. = 36.15 tons @ 2.40

86.76

Amount of this Voucher

\$86.76

APPROVED:
A. M. BURT.
Chief Engineer of Maintenance of Way.

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.

BALFOUR, GUTHRIE & CO.,

St. Paul, Minn.,

June 28, 1917.

19

Tacoma, Wash.

G. B. M. of W. 711

To Northern Pacific Railway Company, Dr.

Engineering

Department

19

Memo No.

ENV-7-317

For value of empty cement sacks returned to Olympic
Portland Cement Co., Bellingham, Wash., in N.P. Car
98195, June 6th, as per your credit memo. 1134, dated
June 21, 1917-

3,798	Olympic sacks in good condition	@ .10	379.80
163	" " damaged condition	@ .10	16.30
26	" " very badly damaged	@ .05	1.30
	Amount of this Bill		\$397.40

APPROVED:

A. M. BURT.

Chief Engineer of Maintenance of Way.

Remit to C. A. CLARK, Treasurer, quoting Auditor's Number as below. Address correspondence to Auditor Disbursements.

I certify that the above bill is correct and that the items specified therein were furnished by direction of _____

[SIGN HERE] L. M. PERKINS,

Received Payment,

Engineer Maintenance of Way

CORRECT: Auditor's No. _____

Auditor of Disbursements.

Treasurer.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

G.E.M. of W. 710

Order No.

E. M. W. - T-339

Mem. No.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191 1917-

July 12th, For amount of foreign line freight charges from Cary, Ind. to St. Paul on material for use in connection with Auburn Concrete plant, as per Material & Supplies Dept. bill #5901, AD No. 14568, as follows:

3 car No. 70740, W.B. 4637- 4/16/17- Pro 10705- 4/25/17.

12185 O.H. bar steel - 73380# @ .65 66.04

Amount of this Bill \$66.04

APPROVED:

A. M. BURT.
Chief Engineer of Maintenance of Way.

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.E.M. of W. 701

Order No.

Mem. No.

191

REV-T-333

1917-

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

July 10th, For value of material furnished by Seattle Hardware Co.,
Seattle, Wash., as per their invoice dated July 2, 1917,
for use at Auburn Concrete Plant, as follows:

5 rolls 2-ply Maltine paper 500 @ 2.20 each 11.00

Plus 1% Purchase Expense .11

Amount of this Bill

\$11.11

APPROVED: BURT.
A. M.
Chief Engineer of Maintenance of Way.

L. W. PERKINS,

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

C. E. M. of W. 696

STORE

Department

Order No.

Mem. No.

1917

TO

ENGINEERING

Department, Dr.

July 16th

For time of employees in connection with operation
of Glendive Concrete Plant, during the month of June
1917, as follows:-

Ass't Engineer	1 Mo.	@	\$150.00	\$150.00
Foreman	1 "	@	105.00	105.00
Hoisting Engineer	26 Days	@	3.50	91.00
Blacksmith	26.4 "	@	3.50	92.40
Engineer	28.6 "	@	3.10	88.66
Carpenters	18 "	@	3.50	63.00
"	60 "	@	3.10	186.00
Laborers	466.7 "	@	2.75	<u>1283.39</u>

\$2059.45

AMOUNT OF THIS BILL.....\$2059.45

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

C. E. M. of W. 690

STOCK

Department

Order No.

Mem. No.

191

ENT-7-332

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1917-

July 6th, For value of hoses furnished by Hunt & Mettett Co.,
Tacoma, as per their invoice dated June 22, 1917,
for use at Auburn Concrete Plant, as follows:

1/8 doz. H210 Mortar mixing hoses @ 9.35 doz. 1.86

Plus 1% Purchase Expense .02

Amount of this Bill

21.58

APPROVED:

A. M. BURT.

Chief Engineer of Maintenance of Way.

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

C. E. M. of W. 654

STORE

Department

Order No.

Mem. No.

191

ENV-T-

1917-

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

June 25th, For value of cement furnished by Balfour, Guthrie & Co., Tacoma, as per their invoice dated June 18th, 1917, for use at Auburn Concrete Plant, as follows:

400 bbls "Olympic" cement @ 2.10 f.o.b.		
N.P. tracks, Bellingham	840.00	
Less 5¢ bbl - 10 days	<u>20.00</u>	820.00
Plus 1% Purchase Expense		<u>8.20</u>
Amount of this Bill		\$828.20

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

C. E. M. of W. 650

STORE

Department

Order No.

Mem. No.

191

NRP-T-313

1917-

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

June 22nd., For value of material furnished by Hunt & Mottet Co.,
Tacoma, as per their invoice dated June 15, 1917, for
use at Auburn Concrete Plant, as follows:

2	only	1½"	Jenkins Valve Discs	@	.12	.24
2	only	2	" " "	@	.18	.36
				20%	.60	.48

Amount of this Bill

\$0.48

APPROVED:

M. BURT
Chief Engineer of Maintenance of Way.

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. E. M. of W. 649

Order No.

Mem. No.

191

NEW-T-310

1917-

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

June 16th, For value of annealed wire furnished by United States Steel Products Company, Seattle, Wash., as per their invoice dated June 7, 1917, for use at Auburn Concrete Plant, as follows:

6 Bbls #16 black annealed baling wire - 600 @ 5.05 30.30

Less 2% - 10 days .61

29.69

Plus 1% Purchase Expense .30

Amount of this Bill \$29.99

APPROVED:

A. M. BURT
Chief Engineer of Maintenance of Way

L. M. PERKINS,

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

C. E. M. of W. 647

STORE

Department

Order No.

ENT-T-308

Mem. No.

191

1917-

TO

Engineering
(Auburn Concrete Plant) Department, Dr.

June 14th, For value of material furnished during February, March and April, 1917, in connection with Auburn Concrete Plant, as per South Tacoma Store Dept. bill No. 646, ASANA 1086, as follows:

Inv. 3-394:

N.P. 68130, 3-13-17, W.B. 0701

64 pcs 2x4-14'

16 " 2x4-16'

20 " 2x4-20' 1035'

200 " 2x6-16' flooring

90 " 2x4-16' S1812 4559' Centralia - 18460¢ 76.82

Inv. 2-563:

N.P. 35286, 1-24-17, W.B. 10686 Grease cups $\frac{1}{4}$ " thrd. #2 St. Paul 3¢ @ .20 ea 1.20

Inv. 4-87

N.P. 41615, 4-5-17, TST. 839, W.B. 0116

4 kegs 60d. spikes St. Paul 400¢ @ 2.19 cwt 8.75

Inv. 4-422

N.P. 45046, 4-19-17, W.B. 0806, TST 9142 track chisels St. Paul 10¢ @ .53 $\frac{1}{2}$ ea 1.07Inv. 4-218, 4-11-17, N.P. 26917, W.B. 0390.

1 pc. smokestack screen St. Paul 25¢ @ 6.00 cwt. 1.50

1 Axe handle " 3¢ @ .98 dz .08

Forward 89.43

NORTHERN PACIFIC RAILWAY COMPANY

STORE

C. E. M. of W. 647

Department

Order No.

ENW-T-308 (2)

Mem. No.

191

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

Brought forward

89.43

Inv. 4-315

N.P. 41174, 4-14-17, W.B. 0612, ST 926:

2 shovels #2	St. Paul 11/ @ 7.84 dz.	1.31
2 picks	" 10/ @ 3.19 "	.53
2 " handles	" 3/ @ 1.31 "	.22
6 flat mill files 12"	" 5/ @ 1.13 "	.57
12 hack saw blades 14"	" 1/ @ 1.20 "	1.20
8 rubber pump valves for pump 6x4x6 valves to be 3" dia. 1/2" hole, 1/2" thick	" 2/ @ .42	.84
1 roll 1/2" wick packing	" 1/ @ .03 ea	.03

Inv. 4-168

N.P. 25327, 4-10-17, W.B. 0305, ST 2790

1 pole axe handle	St. Paul 3/ @ .98 dz.	.08
		94.21

Shop Expense

9.42

Amount of this Bill

\$103.63

APPROVED:

A. M. BURT.

Chief Engineer of Maintenance of Way.

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

G. E. M. of W. 605

STORE

Department

Order No.

MAY-T- 287

Mem. No.

191 1917-

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

May 31st, For drayage performed during the month of May, 1917, by J.W. Meade, Auburn, as per bill dated May 29, 1917, while hauling material from freight house to concrete plant:

May 29th, Drayage on oil and nails

1.50

Amount of this Bill

\$1.50

APPROVED:

Chief Engineer of Maintenance of Way.

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-304

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1917-

June 9th, For value of cement furnished by Balfour, Guthrie & Co.,
Tacoma, as per their invoice dated June 1, 1917, for
use at Auburn Concrete Plant, as follows:

332 bbls "Olympic" cement @ 2.10 f.o.b. NP cars, Bellingham	697.20
5% off per bbl - 10 days	16.60
	680.60
Plus 1% Purchase Expense	6.81
Amount of this Bill	\$687.41

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

G. E. M. of W.

600

STORE

Department

Order No.

E. M. W. - T - 286

Mem. No.

TO

Engineering
(Auburn Concrete plant)

Department, Dr.

191

1917.

May 31st, For labor furnished in connection with Auburn Concrete plant,
during May, 1917.

Plant Superintendent	1 mo. @ 100.00	100.00
Engineer	29 das. @ 3.50	101.50
Carpenters	131.5 " @ 3.00	394.50
Pumpman	31 das. @ 2.75	85.25
Concrete welpers	107.0 " @ 2.50	<u>267.50</u>

Amount of this Bill

\$948.75

APPROVED:

A. M. BUSTAD
Chief Engineer of Maintenance of Way

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

C. M. of W. 590

STORE

Department

Order No.

Mem. No.

191

1917-

TO

Engineering
(Auburn concrete plant)

Department, Dr.

May 31, For Expenses of Engineering department employees in connection with Auburn Concrete Plant, during May, 1917.

plant superintendent, 31 das. @ 1.00 day

31.00

Amount of this Bill

\$31.00

APPROVED:

A. M. BURT

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.

Engineer Maintenance of Way

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

ENV-2-

191 1917-

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

June 5th, For value of lumber furnished by Mutual Lumber Co.,
Tenino, for use at Auburn Concrete Plant, as per invoices
dated May 21, 1917, as follows:

35 pcs.	2x4-18	#1 com.rgh	420' @ 15.30	6.93		
60 "	2x4-16	" " "	640' @ 15.50	9.92	16.85	
			Less 2% - 10 days		.34	16.51
			Plus 1% Purchase Expense		.17	16.68
60 pcs.	2x6-14	#1 com.DAN	840' @ 16.50	13.86		
5 "	2x6-18	" " "	90' @ 18.00	1.62	15.48	
			Less 2% - 10 days		.31	15.17
			Plus 1% Purchase Expense		.15	15.32

Amount of this Bill

\$32.00

APPROVED:

A. M. BURT

Chief Engineer of Maintenance of Way.

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-280

TO

Engineering
Auburn Concrete Plant)

Department, Dr.

1917-

May 23rd., For value of reinforcing material furnished by
Glendive Store, in March, 1917, as per bill No.
62, ASANA 857, for use at Auburn Concrete Plant,
as follows:

NP-68901 Glendive to Auburn
March 6, W/B 179

662 pos.	1/2x22	Plain reinf. rnd			
544 "	30	do.	(St. Paul) 8011#	2.30 cwt.	115.25
65 "	1 1/2x27'2"	do.			
12 "	7'11"	do.			
48 "	6'9"	do.	" 9110#	1.80 cwt.	163.98
420	1-1/8x24'4"	deformed rnd.	" 34564#	"	622.15

901.38

Store Expense 5%

45.07

Amount of this Bill

\$946.45

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.

Mem. No.

ENW-T-175

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

191 1917-

Mar. 9th, For amount of foreign line freight charges from De Kalb to St. Paul on material for use in connection with Auburn Concrete Plant, as per Material and Supplies Department bill No. 5710, AD No. 13650, as follows:

HP Car No. 44047, 10/20/16, W.B. 428, Pro. 10420:

52 rolls wire reinforcement 360000 @ .189 68.04

Less amount charged to B.C. 20.70

20 rolls - Auburn Concrete Plant prop'n - $\frac{20}{52}$ of 47.34 = 18.31

Amount of this Bill \$18.21

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

C. E. M. of W. 551

STORE

Department

Order No.

ENV-T- 281

Mem. No.

191

1917-

Engineering
TO (Auburn Concrete Plant)

Department, Dr.

May 23rd., For labor punching plates, as per South Tacoma
Store Department bill 648, ASAMA 1088, in con-
nection with Auburn Concrete Plant, as follows:

Inv. 3-997:HP-32967, 3/20/17, W.B.263, Auburn:4000 Plates $2\frac{1}{2} \times 1\frac{1}{8} \times 1'$ 3-3/4 4000# 21.13Store Expense 2.11

Amount of this Bill \$23.24

APPROVED:

Chief Engineer of Maintenance of Way.

L. M. PERKINS.

Engineer 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.

Mem. No.

191

EW-T-277

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1917-

May 16th, For value of reinforcing material furnished by Paul J. Kalman Company, St. Paul, as per their invoice dated April 16, 1917, for use at Auburn Concrete Plant, as follows:

450	bars	3/4"	Hav. Square	16' 6"		
410	"	"	"	15' 6"	26300# @ 3.439 cwt.	904.46
50	"	1/2"	" Rounds	30' 6"		
100	"	"	"	27' 6"		
230	"	"	"	17' 6"		
675	"	"	"	15' 6"		
450	"	"	"	14' 6"		
1200	"	"	"	6' 9"		
820	"	"	"	6' 9"		
360	"	"	"	6' 3"		
1010	"	"	"	3' 3"		
6430	"	"	"	4' 0"	47080# @ 3.539 cwt.	1666.16
						2570.62
Plus cutting charges 4' to 2'					19760# @ .10	19.76
						2590.38
Plus 1% Purchase Expense						25.90
Amount of this Bill						\$2616.28

APPROVED:

A. M. BURT
Chief Engineer of Maintenance of Way.

E. M. PERKINS

Engineer Maintenance of Way

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

Order No.

Mem. No.

BMW-T-276

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1917-

May 14th, For value of cement furnished by Balfour Guthrie & Co., Tacoma, as per their invoice dated May 7, 1917, for use at Auburn Concrete Plant, as follows:

332 bbls "Olympic" cement @ 2.10 f.o.b.
N.P. tracks, Bellingham 697.20

5¢ off each barrel - 10 days 16.60 680.60

Plus 1% Purchase Expense 6.81

Amount of this Bill \$687.41

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

G.E.M. of W. 504

STORE Department

Order No.

Mem. No.

191

E. M. W. - T - 257 TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1917-

April 30th, for salaries of employees at Auburn concrete plant, during
April, 1917.

Plant Superintendent	1 mo. @ 100.00	100.00
Engineer	26 das. @ 3.50 day	91.00
Carpenters	127.6 das. @ 3.00 "	382.80
Pumpman	30.0 das. @ 2.75 "	82.50
Concrete Helpers	83.0 das. @ 2.50 "	<u>207.50</u>

Amount of this Bill

\$863.80

APPROVED:

Chief Engineer of Maintenance of Way

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

C. E. M. of W. 488

STORE

Department

Order No.

Mem. No.

191

E. M. W. - T-4

TO

Engineering Department, Dr.
(Auburn Concrete plant)

1917-

April 30th, For Expenses of Engineering department employees in connection with Auburn concrete plant, during April, 1917.

Plant Superintendent, 30 das. @ 1.00 day	30.00
Chief clerk, Dinner 40¢ Interurban 29¢	<u>.69</u>

Amount of this Bill

\$30.69
.....

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

L. M. PERKINS.

Engineer Maintenance of Way

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

C. E. M. of W. 465

Order No.

Mem. No.

191

AMW-T-258

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1917-

Apr. 30th, For drayage performed during the month of April, 1917, by J. T. Meade, Auburn, as per bill dated April 30, 1917, while hauling material from freight house to concrete plant:

Apr. 1st, Hauling reinforcing material	2.25
" 9th, Hauling concrete carts	1.50

Amount of this Bill	\$3.75
---------------------	--------

APPROVED:

A. M. BURT

Engineer of Maintenance of Way.

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. E. M. of W. 462

Order No.

Mem. No.

191

TO

Engineering
Auburn Concrete Plant)

Department, Dr.

1917

Apr. 25th, For value of lumber furnished by Henry McCleary Timber Company, McCleary, Wash., as per its invoice dated April 19th, 1917, for use at Auburn Concrete Plant, as follows:

92 Pcs	4 x 4	- 12'	Sl. Cos. Rgh	1472'	
53	"	"	14	"	989
159	"	"	16	"	3392
93	"	"	18	"	2232
61	"	"	20	"	1627
10	"	"	22	"	293
				10005'	@ 11.00
				Less 2% 10 days	110.05
					2.20
					107.85
				Plus 1% Purchase Expense	1.08
				Amount of this Bill	\$108.93

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

G.E.M. of W. 461

Order No.

Mem. No.

191

RMW-T-255

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1917-

April 23, For value of material furnished by South Tacoma Store Department, as per bill No. 461, ASAMA No. 765, during March, 1917, for use at Auburn Concrete Plant, as follows:

Inv. 3-693 - Express W/B 236-3/21/17- ST-2790:

2- #2 Cold blast Lanterns St. Paul 8# @ 11.00 dz. 1.83

Inv. 3-750 - NP 35167-3/23/17 - TST-536:

269# 1/2"x12" bolts (360 pcs) 3 saddle 269#

85 pcs. 1/2"x8 " " 43

70 " 1/2"x6 " " 28

340# @ 2.70c# 9.18

Inv. 3-159: NP 29958-W/B 0306, 3/7/17:

1 Single-blade axe without hdl St. Paul 6# 6.13dz. .51

Inv. 3-422: NP-42011, W/B-0731, 3/14/17 ST-2790:

1 keg 20d. nails St. Paul 100# 2.68c# 2.68

3 lbs. Palmetto Pist. Pkg. " .49# 1.47

Inv. 3-389: NP-63357, W/B-0696, 3/13/17, TST 487:

800-L' 6x14 SH cor sills wt. 18480 Centralia

5600' 3.00c# 16.80

Inv. 3-703: NP-28735, 3/22/17, W/B-01107, TST-536:

480 Plate washers 1/2" St. Paul 15# 3.02c# .45

256 Nuts 1/2" 12# 5.20c# .62

Inv. 2-678: NP-43810-2-/28/17, W/B 213:

1 Stenciling Plate 1" letters, St. Paul 2# .41

33.95

Store Expense

3.40

Amount of this Bill

\$37.35

APPROVED:

A. M. BURT.

Chief Engineer of Maintenance of Way.

L. M. PERKINS,

Engineer Maintenance

above account is correct:

correct:

on bill is rendered will sign here.

on bill sign here

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

C. E. M. of W. 457

Order No.

Mem. No.

ENV-T-

254

TO

Engineering

(Auburn Concrete Plant)

Department, Dr.

191

1917-

Apr. 24th, For value of tools furnished by Marshall-Wells Hardware Company, Portland, Ore., as per their invoice dated April 17, 1917, for use at Auburn Concrete Plant, as follows:

1 - Pr. Knives for #3 New Easy bolt cutter @ 2.25 - 2.25

Plus 1% Purchase Expense .02

Amount of this Bill \$2.27

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

C. E. M. of W. 451

STORE

Department

Order No.

Mem. No.

191

ENV-T-253

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1917-

Apr. 19th, For value of reinforcing material furnished by
Paul J. Kalman Company, St. Paul, as per their
invoice dated March 24, 1917, as follows:

Reinforcing Bars:

500	1-1/8" Hav. Rounds	19' 10"	
100	" " "	24' 4"	
330	3/4" " "	35' 0"	
40	" " "	27' 6"	
100	" " "	17' 6"	
125	" " "	14' 6"	
1250	3/4" Hav. Square	6' 6"	80880/ @ 3.439 cwt. 2781.46

Plus 1% Purchase Expense 27.81

Amount of this Bill \$2809.27

APPROVED:

A. M. BURT
Chief Engineer of Maintenance of Way.

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

C. E. M. of W. 439

Order No.

STORE

Mem. No.

191

C. M. W. - T - 249 TO

Department, Dr.

Engineering
(Auburn Concrete Plant)

April 13-17 For concrete pipe shipped to J.E. Craver, Gatchell, Wash.
For culvert at MP 51+3430 - ST 3827.

Mar.	3-17	NP 68618 - 3 pcs 34" pipe 34 ft. @ 1.08483	36.04
		Depreciation on plant @ 16.5915	4.32
		Labor loading 3 pcs @ .35	.75
		Saddles 45 FBH @ 12.63	.57
		Nails 34 60-d @ .03	.09

Amount of this Bill \$ 31.77

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 cwt
135# mesh reinforcing from St. Paul	@	.90 "
72# reinforcing rods from Seattle	@	.05 "

FINISHED PRODUCT:

9763# concrete pipe from Auburn to Gatchell.

APPROVED:

A. M. BURT

Engineer, Maintenance of Way.

I certify that the above account is correct:

Bill as rendered, correct:

Person against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

438

Order No.

STORE

Mem. No.

E. M. W. - T-248 TO

Department, Dr.

191

Engineering
(Auburn Concrete Plant)

April 13-17

For concrete pipe shipped to J.E. Craver, Edgemoor,
Wash. for culvert at MP 54+2970 - ST 2898.

Mar. 3-17

MP 68818 - 5 pcs 24" pipe - 40 ft. @ 1.08	483	43.30
Depreciation on plant @ 16.591%		7.30
Labor loading 5 pcs. @ .25		1.25
Saddles 75 FBW @ 12.63		.95
Nails 54 60-d @ .03		.15
		<u>52.94</u>

Amount of this Bill

\$ 52.94

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 Ballingham	@	.05 cwt
225# mesh reinforcing from St. Paul	@	.90 "
130# reinforcing rods from Seattle	@	.05 "

FINISHED PRODUCT:

16375# concrete pipe from Auburn to Edgemoor.

APPROVED:

L. M. BURT.

Engineer of Maintenance of Way.

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

C. E. M. of W. 457

Order No.

STORE

Mem. No.

191

E. M. W. - T-3 247 TO

Department, Dr.

Engineering

(Auburn Concrete Plant)

April 12-17

For concrete pipe shipped to J.E. Craver, Edgemoor,
Wash. for culvert at WP 54+1530 - ST 3898.

Mar- 3-17

HP 68818 - 4 pcs - 24" - 32 ft. @ 1.08483

34.71

Depreciation on plant @ 16.5215

5.76

Labor loading 4 pcs @ .25

1.00

Saddles 60 FPM @ 13.63

.76

Nails 4# 60-d @ .03

.12

Amount of this Bill

\$ 42.35

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:

2200# cement from Bellingham @ .05 cwt
180# mesh reinforcing from St. Paul @ .00 "
96# reinforcing rods from Seattle @ .05 "

FINISHED PRODUCT:

13020# concrete pipe from Auburn to Edgemoor.

APPROVED:

A. M. BURT.

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

Department

C. E. M. of W. 436

Order No.

STORE

Mem. No.

191

M. W. - T-246 TO

Department, Dr.

Engineering
(Auburn Concrete Plant)April 12-17 For concrete pipe shipped to J.E. Craver, Roelyn, Wash.
for culvert at MP 2+4820 - ST 2980.

March 27-17	NP 67298 - 6 pcs 36" pipe - 64 ft	
	NP 65042 - 2 " 36" " - 64 ft	
	18 "	128 ft @ 1.447387
	Depreciation on plant @ 16.591%	185.27
	Labor loading 16 pcs @ .28	30.74
	Saddles 336 FPM @ 12.63	4.48
	Nails 16# 60-d @ .03	4.24
		<u>.48</u>

Amount of this Bill \$ 326.21

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:

13600# cement from Bellingham	@ .05 cwt
976# mesh reinforcing from St. Paul	@ .90 "
544# reinforcing rods from St. Paul	@ .90 "

FINISHED PRODUCT:

75300# concrete pipe from Auburn to Roelyn.

APPROVED:

A. M. HURT.

Chief Engineer of Maintenance of Way.

L. M. PERKINS.

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

Department

C. E. M. of W. 435

STORE

Order No.

Mem. No.

191

E. M. W. - T - 245 TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

April 13-17 For concrete pipe shipped to J.E. Craver, Roslyn, Wash.,
for culvert at MP 3+2329 - ST 2918.

March 27-17	NP 67398 -1pc pipe 48" - 8 ft.	
" 27-17	NP 65042 -1 " " 48" - 8 ft.	
" 26-17	NP 61096 -1 " " 48" - 8 ft.	
	3 " " 34 ft. @ 2.8331	67.99
	Depreciation on plant @ 16.891%	11.38
	Labor loading 3 pos @ .36	.78
	Saddles 87 FBW @ 12.63	1.10
	Nails 3# 60-d @ .03	.09
		<hr/>

Amount of this Bill \$81.24

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:

3000# cement from Bellingham @ .05 cwt
626# reinforcing rods from St. Paul .90 "

FINISHED PRODUCT:

16890# concrete pipe from Auburn to Roslyn.

APPROVED:

A. M. BURT

Chief Engineer of Maintenance of Way

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

C. E. M. of W. 434

Department

Order No.

STORE

Mem. No.

TO

Department, Dr.

191

F. M. W. - T - 244

Engineering
(Auburn Concrete Plant)

April 12-17

For concrete pipe shipped to J.E. Craver, Lester, Wash.,
for culvert at MP 54+1000 - ST 2893

March 26-17

HP 61096 - 7 pcs 48" pipe - 56 ft @ 2.8331	158.83
Depreciation on plant @ 16.5914	36.32
Labor loading 7 pcs @ .36	1.82
Saddles 203 FBM @ 12.63	2.56
Nails 75 60-d @ .03	.21

Amount of this Bill \$189.57

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:

7000# cement from Bellingham	@ .05 cwt
1524# reinforcing rods from St. Paul	@ .90 "

FINISHED PRODUCT:

39410# concrete pipe from Auburn to Redlyn.

APPROVED:

A. M. BURT

Engineer of Maintenance of Way

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

Department

C. E. M. of W. 433

Order No.

Mem. No.

191

STORE

E. M. W. - T - 243

TO

Department, Dr.

Engineering
(Auburn Concrete Plant)

April 13-17 For concrete pipe shipped to W.C. Albee, Burnett, Wash.,
for culvert at HP 1+700 - ST 4057 - WCA 230.

March 30-17	HP 65184 - 3 pcs 24" pipe - 34 ft. @ 1.08483	36.04
	Depreciation on plant @ 16.5914	4.31
	Labor loading 3 pcs @ .25	.75
	Saddles 45 PBM @ 12.63	.57
	Nails 34 60-d @ .03	.09

Amount of this Bill \$31.76

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.

RAW MATERIAL:

1650# cement from Bellingham	@ .05 cwt
135# mesh reinforcing from St. Paul	@ .90 "
72# reinforcing rods from St. Paul	@ .90 "

FINISHED PRODUCT:

9765# concrete pipe from Auburn to Burnett.

APPROVED:

A. M. BURT
Engineer of Maintenance of Way.

J. 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

C. E. M. of W. 43 ✓

Department

Order No.

Mem. No.

191

TO

Department, Dr.

Engineering
(Auburn Concrete Plant)

April 13-17 For concrete pipe shipped to W.C. Albee, Burnett, Wash.,
for culvert at NP 0-3315 - ST 4057 - WCA 330.

March 20-17	NP 35184 - 3 pcs 24" pipe - 34 ft. @ 1.08483	36.04
	Depreciation on plant @ 16.591%	4.31
	Labor loading 3 pcs @ .25	.75
	Saddles 45 FBM @ 12.63	.57
	Nails 3# 60-d @ .03	.09

Amount of this Bill \$31.76

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 cwt
135# mesh reinforcing from St. Paul	@ .60 "
72# reinforcing rods from St. Paul	@ .60 "

FINISHED PRODUCT:

9765# concrete pipe from Auburn to Burnett.

APPROVED:

A. M. BURT.
Chief Engineer of Maintenance of Way.

I certify that the above account is correct:

J. 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

Department

C. E. M. of W. 431

Order No.

Mem. No.

191

STORE

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

April 13-17 For concrete pipe shipped to W.C. Albee, Nisqually, Wash.,
for Bridge 3-1, Olympia Branch. ST 4068 - WCA 239.

March 26-17	NP 62284 - 3 pcs 24" pipe - 34 ft. @ 1.08483	36.04
	Depreciation on plant @ 16.591%	4.32
	Labor loading 3 pcs @ .25	.75
	Saddles 48 FBM @ 12.83	.57
	Nails 3# 60-d @ .03	.09
	Interest on Investment @ 7.11%	1.95

Amount of this Bill

\$33.63

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 cwt
135# mesh reinforcing from St. Paul	@ .80 "
72# reinforcing rods from St. Paul	@ .80 "

FINISHED PRODUCT:

9765# concrete pipe from Auburn to Nisqually.

APPROVED:

A. M. BURT
Chief Engineer of Maintenance of Way.

L. M. PERKINS

Engineer Maintenance of W.

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

C. E. M. of W.

430

Department

Order No.

Mem. No.

STORE

TO

Department, Dr.

191

Engineering

(Auburn Concrete Plant)

April 13-17 For concrete pipe shipped to W. C. Albee, Carbonado, Wash., for culvert at NP 1+3388 - ST 4060 - WCA 233.

March 3-17	NP 68725 - 3 pos 24" pipe - 24 ft. @ 1.08 48 3	36.04
	Depreciation on Plant @ 16.581%	4.32
	Labor loading 3 pos @ .25	.75
	Saddles 45 FEM @ 12.63	.57
	Nails 3# 60-4 @ .03	.09

Amount of this Bill

\$31.77

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 cwt
135# mesh reinforcing from St. Paul	.90 "
72# reinforcing rods from Seattle	.05 "

FINISHED PRODUCT:

9765# concrete pipe from Auburn to Carbonado.

APPROVED:

A. M. BURT.

Engineer of Maintenance of Way.

L. M. PERKINS.

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

429

Order No.

STORE

Mem. No.

-T- 239

TO

Department, Dr.

191

Engineering

(Auburn Concrete Plant)

April 13-17 For concrete pipe shipped to W. C. Albee, Carbonado, Wash., for culvert at NP 4+3213 - ST 4060 - WCA 233.

March 3-17	NP 68725 - 3 pcs 24" pipe - 24 ft. @ 1.08483	26.04
	Depreciation on plant @ 16.5915	4.32
	Labor loading 3 pcs @ .25	.75
	Saddles 45 FRM @ 12.63	.57
	Nails 37 60-d @ .03	.09

Amount of this Bill \$31.77

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:

13504 cement from Bellingham	@ .05 cwt
1354 mesh reinforcing from St. Paul	@ .20 "
724 reinforcing rods from Seattle	@ .05 "

FINISHED PRODUCT:

97655 concrete pipe from Auburn to Carbonado.

APPROVED:

Chief Engineer of Maintenance of Way.

I certify that the above account is correct:

L. H. 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

Department

C. E. M. of W. 428

Order No.

STORE

Mem. No.

191

TO

Department, Dr.

Engineering
(Auburn Concrete Plant)

April 13-17 For concrete pipe shipped to W.O. Albee, Crocker, Wash.,
for culvert at MP 5+87 - ST 4063 - WCA 236.

March 3-17	NP 63751 - 4 pcs 24" pipe - 32 ft. @ 1.08483	34.71
	Depreciation on plant @ 16.591%	5.76
	Labor loading 4 pcs @ .25	1.00
	Saddles 60 FRM @ 12.63	.76
	Nails 4# 60-4 @ .03	.12
		<u>42.35</u>

Amount of this Bill

\$42.35

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:

2200# cement from Bellingham	@ .05 cwt
180# mesh reinforcing from St. Paul	@ .90 "
96# reinforcing rods from Seattle	@ .05 "

FINISHED PRODUCT:

13030# concrete pipe from Auburn to Crocker.

APPROVED:

A. M. BURT
Chief Engineer of Maintenance of Way.

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

Department

C. E. M. of W. 427

Order No.

STORE

Mem. No.

E. M. W. - T - 237

TO

Department, Dr.

191

Engineering
(Auburn Concrete Plant)

April 13-17 For concrete pipe shipped to W.C. Albee, Crocker, Wash.,
for culvert at NP 8-180 - ST 4083 - WCA 236.

March 3-17	NP 83751 - 4 pcs 24" pipe - 38 ft @ 1.08483	34.71
	Depreciation on plant @ 16.5915	5.76
	Labor loading 4 pcs @ .25	1.00
	Saddles 60 FBM @ .25	.75
	Nails 4# 60-l @ .03	.12
		<hr/>

Amount of this bill \$43.35

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:

2200# cement from Bellingham	@	.05 cwt
180# mesh reinforcing from St. Paul	@	.90 "
96# reinforcing rods from Seattle	@	.05 "

FINISHED PRODUCT:

13030# concrete pipe from Auburn to Crocker.

APPROVED:

A. M. BURT
Chief Engineer of Maintenance of Way.

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

Department

C. E. M. of W. 436

Order No.

STORE

Mem. No.

191

TO

Department, Dr.

Engineering
(Auburn Concrete Plant)

April 13-17 For concrete pipe shipped to W. C. Albee, Crocker, Wash.,
for culvert at NP 5+422 - ST 4083 - WCA 336.

March 3-17	NP 63751 - 4 pcs 34" pipe - 32 ft. @ 1.08483	34.71
	Depreciation on plant @ 16.591%	5.78
	Labor loading 4 pcs @ .25	1.00
	Saddles 60 FBW @ 12.63	.76
	Nails 4# 60-d @ .03	.12
		<u>42.35</u>

Amount of this Bill \$42.35

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:

2200# cement from Bellingham	@ .05 cwt
180# mesh reinforcing from St. Paul	@ .90 "
98# reinforcing rods from Seattle	@ .05 "

FINISHED PRODUCT:

13020# concrete pipe from Auburn to Crocker.

APPROVED:

A. M. BURT
Chief Engineer of Maintenance of Way.

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

Department

C. E. M. of W. 425

Order No.

STORE

Mem. No.

191

TO

Department, Dr.

Engineering
(Auburn Concrete Plant)

April 12-17 For concrete pipe shipped to W.C. Albee, Winlock, Wash.
for culvert at WP 77+3815 - ST 4034 WCA 212.

March 20-17	WP 64189 - 8 pcs 36" pipe - 64 ft @ 1.447387	92.61
	Depreciation on plant @ 16.5814	15.31
	Interest on Investment @ 7.114	6.59
	Labor loading 8 pcs @ .28	2.24
	Saddles 168 FBM @ 12.63	2.13
	Nails 84 60-d @ .03	.24

Amount of this Bill \$119.11

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:

6400# cement from Bellingham	@ .05 cwt
428# mesh reinforcing from St. Paul	@ .90 "
372# reinforcing rods from St. Paul	@ .90 "

FINISHED PRODUCT:

37600# concrete pipe from Auburn to Winlock, Wash.

APPROVED:

A. M. BURT

Chief Engineer of Maintenance of Way.

L. M. PERKINS

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

C. E. M. of W.

424

Order No.

Mem. No.

E. M. W. - T - 234

TO

Department, Dr.

191

Engineering
(Auburn Concrete Plant)

April 12-17 For concrete pipe shipped to W. C. Albee, Castle Rock, Wash., for culvert at NP 87+4082 - ST 4035 WCA 213.

March 26-17	NP 62284 - 3 pos 36" pipe - 34 ft @ 1.447387	34.73
	Depreciation on plant @ 16.5915	5.74
	Interest on Investment @ 7.115	2.47
	Labor loading 3 pos @ .28	.84
	Saddles 53 FRM @ 12.63	.80
	Nails 34 60-d @ .03	.02
		<u>44.67</u>

Amount of this Bill

\$44.67

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:

2400# cement from Bellingham	@ .05	out
344# mesh reinforcing from St. Paul	@ .90	"
136# reinforcing rods from St. Paul	@ .90	"

FINISHED PRODUCT:

18800# concrete pipe from Auburn to Castle Rock.

APPROVED:

A. M. BURT
Chief Engineer of Maintenance of Way.

L. M. PERKINS

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

Department

C. E. M. of W. 423

Order No.

STORE

Mem. No.

191

TO

Department, Dr.

Engineering
(Auburn Concrete Plant)

April 12-17 For concrete pipe shipped to J.E. Craver, Bryant, Wash.,
for culvert at MP 66+4597 - ST 2900.

March 3-17	NP68594 - 4 pcs 34" pipe - 32 ft. @ 1.08483	34.70
	Depreciation on plant @ 16.591%	5.75
	Labor loading 4 pcs @ .25	1.00
	Saddles 60 FBN @ 12.63	.78
	Nails 4# 60-d @ .03	.13
		<hr/>

Amount of this Bill \$43.33

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 cwt
180# mesh reinforcing from St. Paul	@ .90 "
96# reinforcing rods from Seattle	@ .05 "

FINISHED PRODUCT:

13020# concrete pipe from Auburn to Bryant.

APPROVED:

A. M. RUFF
Chief Engineer of Maintenance of Way.

L. M. PERKINS

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

C. E. M. of W. 422

Order No.

STORE

Mem. No.

191

TO

Department, Dr.

Engineering
(Auburn Concrete Plant)

April 12-17 For concrete pipe shipped J.E. Craver at Montborne, Wash.,
for culvert at NP 76+2256 - ST 2901.

March 3-17	NP 68613 - 9 pcs 24" pipe - 72 ft @ 1.08483	78.10
	Depreciation on plant @ 16.5916	12.95
	Labor loading 9 pcs @ .25	2.25
	Saddles 135 FBM @ 12.63	1.71
	Nails 94 60-d @ .03	.27
		<u>95.28</u>

Amount of this Bill \$95.28

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:

4950# cement from Bellingham	@ .05 cwt
405# mesh reinforcing from St. Paul	@ .90 "
316# reinforcing rods from St. Paul	@ .05 "

FINISHED PRODUCT:

39395# concrete pipe from Auburn to Montborne.

APPROVED:

A. M. BURT.

Engineer of Maintenance of Way.

I certify that the above account is correct:

L. M. PERKINS.

Bill as rendered, correct:

Engineer of Maintenance of Way

Officer against whom bill is rendered will sign here.

Officer who renders bill sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

C. E. M. of W. 421

Order No.

STORE

Mem. No.

191

TO

Department, Dr.

Engineering
(Auburn Concrete Plant)

April 12-17 For concrete pipe shipped to J.E. Craver, Edgemoor, Wash.,
for culvert at WP 57+3720 - ST 3699.

March 3-17	NP 68594 - 4 pcs 24" pipe - 32 ft. @ 1.08483	34.71
	Depreciation on Plant @ 16.591%	5.75
	Labor loading 4 pcs @ .35	1.00
	Saddles 60 FBW @ 12.63	.76
	Nails 4# 60-4 @ .03	.13
		<u>.13</u>

Amount of this Bill \$ 42.34

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 cwt
180# mesh reinforcing from St. Paul	"	.90 "
96# reinforcing rods from Seattle	"	.05 "

FINISHED PRODUCT:

13020# concrete pipe from Auburn to Edgemoor.

APPROVED:

A. M. BURT.
Chief Engineer of Maintenance of Way.

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

Department

C. E. M. of W. 420

Order No.

Mem. No.

STORE

TO

Department, Dr.

191

Engineering
(Auburn Concrete Plant)

April 13-17 For concrete pipe shipped to W.C. Albee, Kangley, Wash.,
for culvert at HP 2+1303 - ST 4055 - WCA 228.

March 20-17	HP 65184 - 3 pcs 24" pipe - 42ft. @ 1.08483	36.04
	Depreciation on plant @ 16.5914	4.31
	Labor loading 3 pcs @ .25	.75
	Saddles 45 FUY @ 12.53	.57
	Nails 3# 60-d @ .03	.09
		<u>46.76</u>

Amount of this Bill \$31.76

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.

RAW MATERIAL:

1650# cement from Bellingham	@ .05 cwt
135# mesh reinforcing from St. Paul	@ .90 "
72# reinforcing rods from St. Paul	@ .90 "

FINISHED PRODUCT:

9765# concrete pipe from Auburn to Kangley.

APPROVED:

A. M. BURT
Chief Engineer of Maintenance of Way.

L. M. PERKINS.

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

C. E. M. of W. 419

Order No.

Mem. No.

191

STORE

TO

Department, Dr.

Engineering
(Auburn Concrete Plant)

April 12-17 For concrete pipe shipped to Mr. J.J. McCullough,
University, Wash., for culvert at WP 12+10 - ST 2884.

March 22-17	WP 65338 - 3 pcs 24" pipe - 24 ft @ 1.08483	26.04
	Depreciation on Plant @ 16.581%	4.31
	Labor loading 3 pcs @ .25	.75
	Saddles 45 FBW @ 12.63	.57
	Nails 3# 60-d @ .03	.09
		<u>31.76</u>

Amount of this Bill \$ 31.76

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 cwt
135# mesh reinforcing from St. Paul	@ .90 "
72# reinforcing rods from St. Paul	@ .90 "

FINISHED PRODUCT:

9765# concrete pipe from Auburn to University.

APPROVED:

A. M. BURT
Chief Engineer of Maintenance of Way.

L. W. PERKINS

Engineer 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

Department

C. E. M. of W. 4/8

Order No.

STORE

E. M. W. - T - 228

TO

Department, Dr.

Mem. No.

191

Engineering
(Auburn Concrete Plant)

April 12-17 For concrete pipe shipped to J.J. McCullough, University, Wash., for culvert at NP 11+1420 - ST 2683.

March 22-17	NP 65338 - 3 pos 34" pipe - 24 ft. @ 1.8483	26.04
	Depreciation on plant @ 16.591%	4.31
	Labor loading 3 pos @ .25	.75
	Saddles 45 FBM @ 12.63	.57
	Nails 3# 60-d @ .03	.09

Amount of this Bill \$ 31.76

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 cwt
135# mesh reinforcing from St. Paul	@ .90 "
73# reinforcing rods from St. Paul	@ .90 "

FINISHED PRODUCT:

2765# concrete pipe from Auburn to University.

APPROVED:

A. M. BURT

Engineer of Maintenance of Way.

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

Department

C. E. M. of W.

417

Order No.

STORE

Mem. No.

191

C. M. W. - T -

227

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

April 10-17

For concrete pipe shipped to W. C. Sloan, Connell, Wash.
for culvert at NP 63+3630 - ST 83272.

Mar. 30-17

NP 61499 - 4 pcs 24" pipe - 32 ft @ 1.08	483	34.71
depreciation on plant @ 16.991%		5.76
Labor loading 4 pcs @ .25		1.00
Saddles 60 FBM @ 12.63		.76
Nails 44 60-d @ .03		.12
		<u>42.35</u>

Amount of this Bill

\$42.35

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:

2200# cement from Bellingham	@ .05 cwt	
180# mesh reinforcing from St. Paul	@ .90 "	
96# reinforcing rods from St. Paul	@ .90 "	

FINISHED PRODUCT:

13020# concrete pipe from Auburn to Connell.

APPROVED:

A. M. BURT

Chief Engineer of Maintenance of Way.

L. M. PERKINS

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

C. E. M. of W.

4/6

Order No.

Mem. No.

191

E. M. W. - T-226 TO

Department, Dr.

Engineering
(Auburn Concrete Plant)

April 10-17 For concrete pipe shipped to W. C. Sloan, Connell, Wash.
for culvert at HP 57+3400 - ST 3278.

Mar. 30-17	NP 61499 - 4 pos 34" pipe - 32 ft @ 1.08483	34.71
	Depreciation on plant @ 16.591%	5.76
	Labor loading 4 pos @ .25	1.00
	Saddles 60 FBM @ 12.63	.76
	Nails 4# 60-4 @ .03	.12
		<hr/>

Amount of this bill \$42.35

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:

2300# cement from Bellingham	@	.05 cwt
180# mesh reinforcing from St. Paul		.90 "
96# reinforcing rods	" " "	.90 "

FINISHED PRODUCT:

13020# concrete pipe from Auburn to Connell.

APPROVED:

A. M. BURT

Chief Engineer of Maintenance of Way.

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

415

Order No.

STORE

Mem. No.

191

E. M. W. - T - 225 TO

Department, Dr.

Engineering
(Auburn Concrete Plant)

April 9-17 For concrete pipe shipped to W.C. Sloan, Connell, Wash.
for culvert at WP 76+5183 - ST 5183.

Mar. 20-17	NP 61488 - 3 pcs 24" pipe - 34 ft @ 1.08483	26.04
	Depreciation on plant @ 16.591%	4.32
	Labor loading 3 pcs @ .25	.75
	Saddles 45 FHM @ 12.63	.57
	Nails 3# 60-d @ .03	.09
		<u>.09</u>

Amount of this bill \$31.77

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 cwt
135# mesh reinforcing from St. Paul	@	.90 "
72# reinforcing rods " " "	@	.90 "

FINISHED PRODUCT:

9765# concrete pipe from Auburn to Connell.

APPROVED:

A. M. BURT

Chief Engineer or Maintenance of Way.

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

C. E. M. of W.

414

Order No.

STORE

Mem. No.

E. M. W. - T - 224 TO

Department, Dr.

191

Engineering
(Auburn Concrete Plant)

7

April 7-17 For concrete pipe shipped to W.C. Sloan, Connell, Wash.
for culvert at MP 94+2990 - ST #3378.

Mar. 20-17	NP 63406 - 3 pcs 34" pipe - 34 ft	
	NP 66071 - 1 " 34" " - 8 ft	
	32 ft @ 1.08483	34.71
	Depreciation on plant @ 16.581%	5.76
	Labor loading 4 pcs @ .25	1.00
	Saddles 60 FBH @ 12.63	.76
	Nails 4# 60-d @ .03	.12
		<u>42.35</u>

Amount of this Bill

\$42.35

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:

2200# cement from Bellingham	@ .05 cwt
180# mesh reinforcing from St. Paul	@ .90 "
96# reinforcing rods	@ .90 "

FINISHED PRODUCT:

13020# concrete pipe from Auburn to Connell.

APPROVED:

A. M. BURT.

Chief Engineer of Maintenance of Way.

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

C. E. M. of W. 413

STORE

Department

Order No.

Mem. No.

191

E. M. W. - T-223 TO

Engineering
(Auburn Concrete Plant)_W

Department, Dr.

April 7-17 For concrete pipe shipped to W.C. Sloan, Connell, Wash.
for culvert at MP 105+4687 - ST #3378.

Mar. 30-17	NP 66071 - 4 pcs 24" pipe - 33 ft @ 1.08483	34.71
	Depreciation on plant @ 16.591%	5.78
	Labor loading 4 pcs @ .25	1.00
	Saddles 60 FBM @ 12.63	.76
	Nails 4# 60-d @ .03	.12
		<u>42.35</u>

Amount of this Bill \$42.35

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:

2300# cement from Bellingham	@ .05 cwt
180# mesh reinforcing from St. Paul	@ .90 "
86# reinforcing rods " " "	@ .90 "

FINISHED PRODUCT:

13030# concrete pipe from Auburn to Connell.

APPROVED:

A. M. BURT.

Chief Engineer of Maintenance of Way.

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

Department

C. E. M. of 4/12

Order No.

STORE

Mem. No.

E. M. W. - T - 222

TO

Department, Dr.

191

7

Engineering
(Auburn Concrete Plant)

April 7-17

For concrete pipe shipped to W.C.Sloan, Connell, Wash.
for culvert at NP 78+3730 - ST 5183.

Mar. 30-17

NP 63406 - 3 pcs 24" pipe - 24 ft @ 1.08483	36.04
Depreciation on plant @ 16.591%	4.38
Labor loading 3 pcs @ .25	.75
Saddles 45 FEM @ 12.63	.57
Nails 3# 60-d @ .03	.09

Amount of this Bill \$31.77

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 cwt
135# mesh reinforcing from St. Paul	@ .90 "
72# reinforcing rods " " "	@ .90 "

FINISHED PRODUCT:

9765# concrete pipe from Auburn to Connell.

APPROVED:

A. M. BURT.

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

Department

C. E. M. of W. 411

STORE

Order No.

Mem. No.

191

E. M. W. - T-221 TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

April 7-17

For concrete pipe shipped to W.C. Sloan, Connell, Wash.
for culvert at MP 79+5032 - ST #5183.

Mar. 20-17

HP 63408 - 3 pcs 24" pipe - 24 ft @ 1.08483
 Depreciation on plant @ 16.591¢
 Labor loading 3 pcs @ .25
 Saddles 45 FBM @ 12.63
 Nails 3¢ 60-d @ .03

20.04

4.33

.75

.57

.09

Amount of this Bill

\$31.77

If material chargeable to Additions and
 Betterments add freight charges on raw
 material at 70% tariff rate, 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 cwt
 135# mesh reinforcing from St. Paul @ .90 "
 72# reinforcing rods " " " @ .90 "

FINISHED PRODUCT:

9765# concrete pipe from Auburn to Connell.

APPROVED:

A. M. BURT

Engineer of Maintenance of Way.

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

U. E. M. of W. 410

STORE

Order No.

Mem. No.

191

E. M. W. T-220 TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

April 7-17

For concrete pipe shipped to W.C.Sloan, Connell, Wash.
for culvert at MP 86+1855 - ST 5183.

Mar. 20-17

NP 63406 - 3 pos 24" pipe - 24 ft @ 1.08483	26.04
Depreciation on plant @ 16.561%	4.32
Labor loading 3 pos @ .25	.75
Saddles 45 FBM @ 12.63	.57
Nails 3# 60-d @ .03	.09
	<hr/>

Amount of this Bill

\$31.77

If material chargeable to Additions and Betterments add freight charges on raw material at 70% tariff rate, 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 cwt
135# mesh reinforcing from St. Paul	@	.90 "
72# reinforcing rods	" " "	@ .90 "

FINISHED PRODUCT:

9765# concrete pipe from Auburn to Connell.

APPROVED:

A. M. BURT

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.

Engineer Maintenance of Way

Officer who renders bill sign here

NORTHERN PACIFIC RAILWAY COMPANY

C. E. M. of W. 409

Department

STORE

Order No.

Mem. No.

191

E. M. W. - T - 219 TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

April 7-17 For concrete pipe shipped to W.C.Sloan at Pasco, Wash.
for culvert at WP 5+726.

Mar. 20-17	NP 66071 - 3 pcs 34" pipe - 24 ft @ 1.08 483	26.04
	Depreciation on plant @ 16.591	4.32
	Labor loading 3 pcs @ .35	.75
	Saddles 45 FBM @ 12.63	.57
	Nails 3# 60-d @ .03	.09

Amount of this bill

\$31.77

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 cwt
135# mesh reinforcing from St. Paul	@ .90 "
72# reinforcing rods	" " " @ .90 "

FINISHED PRODUCT:

9765# concrete pipe from Auburn to Pasco.

APPROVED:

A. M. BURT

Engineer of Maintenance of Way.

I certify that the above account is correct:

L. M. PERKINS

Bill as rendered, correct:

Engineer Maintenance

Officer against whom bill is rendered will sign here.

Officer who rendered

NORTHERN PACIFIC RAILWAY COMPANY

C. E. M. of W. 408

Department

Order No.

STORE

Mem. No.

E. M. W. - T - 218 TO

Department, Dr.

191

Engineering
(Auburn Concrete Plant)

April 7-17	For concrete pipe shipped to W. G. Sloan, Pasco, Wash., for culvert at WP 14+637 - ST 3342		
Mar. 18-17	WP 63357 - 9 pcs 36" pipe - 72 ft		
" 20-17	WP 66071 - 1 " 36" " - 8 "		
	80 " @ 1.447387		115.79
	Depreciation on plant @ 16.581%		19.21
	Labor loading 10 pcs @ .28		2.80
	Saddles 210 FBM @ 12.63		2.65
	Nails 10# 60-d @ .03		.30

Amount of this Bill

\$140.75

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.

RAW MATERIAL:

8000# cement from Bellingham	@	.05 cwt
610# mesh reinforcing from St. Paul	@	.90 "
340# reinforcing rods " " "	@	.90 "

FINISHED PRODUCT:

47000# concrete pipe from Auburn to Pasco.

APPROVED:

A. M. BURT.

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

NORTHERN PACIFIC RAILWAY COMPANY

Department

F. M. of W. 407

Order No.

STORE

Mem. No.

E. W. W. - T -

217

TO

Department, Dr.

191

7

Engineering
(Auburn Concrete Plant)

April 5-17	For concrete pipe shipped to F.W. Finch, Manager, Camas Prairie Railroad, Riparia, Wash., for culvert at NP 61+4958 - TPT \$95 F - FWF \$1647.	
Mar. 30-17	NP 66067 - 5 pcs 24" pipe - 40 ft. @ 1.08483	43.39
	Depreciation on plant @ 16.591%	7.30
	Interest on Investment @ 7.11%	3.09
	Labor loading 5 pcs @ .35	1.25
	Saddles 75 FWF @ 13.63	.95
	Nails 5# 60-d @ .03	.15

AMOUNT OF THIS BILL

\$58.03

If material chargeable to Additions & 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 cwt.
225# mesh reinforcing from St. Paul		.90 "
120# reinforcing rods	"	.90 "

FINISHED PRODUCT:

16375# concrete pipe from Auburn to Riparia.

APPROVED:

A. M. BURT
Engineer of Maintenance of Way.

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS,

Ensign here.

Officer against whom bill is rendered will sign here.

Officer

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

C. E. M. of W. 406

Order No.

Mem. No.

191

7

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

April 5-17 For concrete pipe shipped to F.N. Finch, Manager,
Camas Prairie Railroad, Riparia, Wash., for culvert
at MP 27+3385 - TPT #95-F FNF #1647.

Mar. 26-17	NP 66097 - 5 pcs 36" pipe - 40 ft. @ 1.447387	57.90
	Depreciation on plant @ 16.5915	9.61
	Interest on Investment @ 7.115	4.12
	Labor loading 5 pcs @ .28	1.40
	Saddles 105 FBN @ 12.63	1.33
	Nails 5# 60-d @ .03	.15

AMOUNT OF THIS BILL

\$74.51

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:

4000# cement from Bellingham	@	.05 cwt
305# mesh reinforcing from St. Paul	@	.90 "
170" reinforcing rods "	@	.90 "

FINISHED PRODUCT:

23500# concrete pipe from Auburn to Riparia.

APPROVED:

A. M. BURT.

Chief Engineer of Maintenance of Way.

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS

Engineer M.

Officer against whom bill is rendered will sign here.

Officer

NORTHERN PACIFIC RAILWAY COMPANY

Department

C. E. M. of W. 405

STORE

Order No.

Mem. No.

191

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

April 5-17 For concrete pipe shipped to F.H. Finch, Manager,
Camas Prairie Railroad, Riparia, Wash., for culvert
at NP 34+4257 - TPT 225-F FNF #1647.

March 26-17	NP 67023 - 6 pcs 36" pipe - 48 ft. @ 1.447387	68.47
	Depreciation on plant @ 16.581%	11.53
	Interest on Investment @ 7.11%	4.94
	Labor loading 6 pcs @ .28	1.68
	Saddles 126 FBN @ 12.63	1.59
	Nails 6# 60-d @ .03	.18

Amount of this Bill \$89.39

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 cwt
366# mesh reinforcing from St. Paul	@ .90 "
204# reinforcing rods " " "	@ .90 "

FINISHED PRODUCT:

22200# concrete pipe from Auburn to Riparia.

APPROVED:

A. M. BURT.

Chief Engineer of Maintenance of Way.

L. M. PERKINS.

Engineer in Charge

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer who

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

C. E. M. of W. 404

Order No.

Mem. No.

191

E. M. W. - T-214 TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

April 6-17 For concrete pipe shipped to J.L.DeForcee at Parkwater,
Wash, for culvert at MP 115+3116 - JLD \$183.

Mar. 22-17	NP 62847 - 7 pos 24" pipe - 56 ft @ 1.08483	60.75
	Depreciation on Plant @ 16.561%	10.08
	Labor loading 7 pos @ .25	1.75
	Saddles 105 FRM @ 12.63	1.33
	Nails 7# 60-d @ .03	.81

Amount of this Bill \$74.12

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:

3850# cement from Bellingham	@ .05 cwt
315# mesh reinforcing from St. Paul	" .90 "
166# reinforcing rods " " "	" .90 "

FINISHED PRODUCT:

22785# concrete pipe from Auburn to Parkwater.

APPROVED:

A. M. BURT
Chief Engineer of Maintenance of Way.

I certify that the above account is correct:

Bill as rendered, correct:

E. M. PERKINS.
Engineer

Officer against whom bill is rendered will sign here.

Officer

NORTHERN PACIFIC RAILWAY COMPANY

Department

G. E. M. W. 403

Order No.

STORE

Mem. No.

E. M. W. - T - 213

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

April 6-17 For concrete pipe shipped to J.L.DeForce at Parkwater,
Wash, for culvert at MP 15+2250 - JLD #183.

Mar. 22-17	NP 63847 - 3 pcs 24" pipe - 24 ft @ 1.08483	26.04
	Depreciation on Plant @ 16.591%	4.32
	Labor loading 3 pcs @ .25	.75
	Saddles 45 FBN @ 12.63	.57
	Nails 3# 60-d @ .03	.09

Amount of this Bill

\$31.77

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 cwt
135# mesh reinforcing from St. Paul	".90 "
72# reinforcing rods	" " ".90 "

FINISHED PRODUCT:

9765# concrete pipe from Auburn to Parkwater.

APPROVED:

A. M. BURT.

Chief Engineer of Maintenance of Way.

L. M. PERKINS,

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

Officer

NORTHERN PACIFIC RAILWAY COMPANY

Department

C.E.M. 402

Order No.

STORE

Mem. No.

E. M. W. T. 212

TO

Department, Dr.

191

Engineering
(Auburn Concrete Plant)

April 6-17 For concrete pipe shipped to J.L.DeForce, at Parkwater,
Wash, for culvert at MP 79+4060 - JLD #183

Mar. 23-17	NP 63966 - 5 pos 24" pipe - 40 ft @ 1.08483	43.39
	Depreciation on plant @ 16.591%	7.20
	Labor loading 5 pos @ .25	1.25
	Saddles 75 FBM @ 12.63	.95
	Nails 5# 60-4 @ .03	.15
		<u>52.89</u>

Amount of This Bill \$52.94

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 cwt
225# mesh reinforcing from St. Paul	" .90 "
120# reinforcing rods " "	" .90 "

FINISHED PRODUCT:

16375# concrete pipe from Auburn to Parkwater.

APPROVED:

A. M. BURT.

Chief Engineer of Maintenance of Way.

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

C. E. M. of W. 407

Order No.

Mem. No.

191

E. M. W. T-211

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

April 6-17 For concrete pipe shipped to J.L.DeForce at Parkwater,
Wash, for culvert at MP 10+1125 - JLD #183

Mar 22-17	NP 63966 - 3 pos 24" pipe - 24 ft. @ 1.08483	26.04
	Depreciation on plant @ 16.591%	4.33
	Labor loading 3 pos @ .25	.75
	Saddles 45 FBM 12.63	.57
	Nails 3# 60-d @ .03	.08

Amount of this Bill \$ 31.77

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 cwt
135# mesh reinforcing from St. Paul	" .90 "
72# reinforcing rods	" .90 "

FINISHED PRODUCT:

9765# concrete pipe from Auburn to Parkwater.

APPROVED:

A. M. BURT.
Chief Engineer of Maintenance of Way.

I certify that the above account is correct:

L. M. PERKINS.

Bill as rendered, correct:

Officer against whom bill is rendered will sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

C. E. M. of W. 400

Order No.

Mem. No.

191

7

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

April 6-17 For concrete pipe shipped to J.L.DeForce at Parkwater,
Wash, for Bridge #83 - JLD #183.

Mar 32-17	NP 63047 - 3 pcs 24" pipe - 18 ft	
	NP 63966 - 4 " 24" " - 32 ft	
	48 Ft @ 1.08483	52.07
	Depreciation on Plant @ 16.591%	8.64
	Labor loading 6 pcs @ .35	1.50
	Saddles 90 FBM @ 12.63	1.14
	Nails 6# 60-d @ .03	.18
		<hr/>

Amount of this Bill

\$63.53

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.

RAW MATERIAL:

3300# cement from Bellingham	@ .05 cwt
270# mesh reinforcing from St. Paul	".90 "
144# reinforcing rods	" " ".90 "

FINISHED PRODUCT:

19630# concrete pipe from Auburn to Parkwater.

APPROVED:

A. M. BURT

Engineer of Maintenance of Way.

L. M. PERKINS

I certify that the above account is correct:

as rendered, correct:

at whom bill is rendered will sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

C. E. M. of W. 399

STORE

Order No.

Mem. No.

191

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

April 5-17 For concrete pipe shipped to J.L.DeForce, at Parkwater, Wash, for culvert at NP 13+3600. JLD \$183.

Mar. 26-17	NP 62923 - 4 pos 36" pipe - 32 ft @ 1.447387	46.33
	Depreciation on plant @ 16.591%	7.68
	Labor loading 4 pos @ .28	1.12
	Saddles 84 FUM @ 13.63	1.08
	Nails 4# 60-d @ .03	.12

Amount of this Bill

\$56.30

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

If chargeable against outside companies, as 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.

RAW MATERIAL:

3200# cement from Bellingham	@	.05	cwt
244# mesh reinforcing from St. Paul		.90	"
136" reinforcing rods " " "		.90	"

FINISHED PRODUCT:

18800# concrete pipe from Auburn to Parkwater.

APPROVED:
A. M. BURT.

Chief Engineer of Maintenance of Way.

certify that the above account is correct:

rendered, correct:

L. M. PERKINS,

Engineer

from bill is rendered will sign here.

NORTHERN PACIFIC RAILWAY COMPANY

Department

C. E. M. of W. 398

STORE

Order No.

Mem. No.

191

TO

Department, Dr.

Engineering
(Auburn Concrete Plant)

April 5-17 For concrete pipe shipped to J.L.DeForce at Parkwater, Wash, for Bridge #78 - JLD #183.

Mar. 26-17	NP 628 23 - 5 pos 36" pipe - 40 ft @ 1.447387	57.90
	Depreciation on plant @ 16.591%	9.61
	Labor loading 5 pos @ .38	1.40
	Saddles 105 FBM @ 12.63	1.33
	Nails 5# 60-d @ .03	.15

Amount of this Bill \$70.39

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 bills but when reporting for joint account show weights so freight charges can be added as called for in contract.

RAW MATERIAL:

4000# cement from Bellingham	\$.05	cwt
305# mesh reinforcing from St. Paul	".20	"
170# reinforcing rods " " "	".60	"

FINISHED PRODUCT:

23500# concrete pipe from Auburn to Parkwater.

APPROVED:

A. M. BURT

L. M. PERKINS

I certify the above account is correct:

Correct:

Signature is rendered will sign here.

Officer

NORTHERN PACIFIC RAILWAY COMPANY

G. E. M. of W. 397

Department

STORE

Order No.

Mem. No.

191

E. M. W. - T - 207 TO

Department, Dr.

Engineering
(Auburn Concrete Plant)

April 5-17	For concrete pipe shipped to JLD DeForce, at Parkwater, Wash for culvert at NP 11+1128 - JLD #183.	
Mar. 26-17	NP 64319 - 5 pcs 24" pipe - 40 ft @ 1.08483	43.39
	Depreciation on plant @ 16.591%	7.30
	Labor loading 5 pcs @ .25	1.25
	Saddles 75FSH @ 12.63	.95
	Nails 5# 60-d @ .03	.15

Amount of this Bill

\$52.94

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 cwt
225# mesh reinforcing from St. Paul	@ .90 "
120# reinforcing rods " " "	@ .90 "

FINISHED PRODUCT:

16275# concrete pipe from Auburn to Parkwater.

APPROVED:

NORTHERN PACIFIC RAILWAY COMPANY

C. E. M. of W. 273

STORE

Department

Order No.

Mem. No.

191

ENR-T- 251

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1917-

Apr. 14th, For value of reinforcing material furnished by Pacific Coast Steel Company, Seattle, Wash., as per their invoice dated March 31, 1917, for use at Auburn Concrete Plant, as follows:

Structural steel - straight.

40	pcs	3/8	Rd. Corr.	17' 3"		
620	"	"	"	14' 9"		
620	"	"	"	13' 4"		
1150	"	"	"	10' 8"		
5000	"	"	"	7' 10"	25880	/
2300	"	"	"	2' "	1740	
7000	"	"	"	0 3"	665	
Mild steel					28285	/
Cutting to length on					1740	/
					665	/
					@ 3.40	961.69
					@ .20	3.48
					@ .30	2.00

967.17

Plus 1% Purchase Expense

9.67

Amount of this Bill

\$976.84

I certify that the above account is correct:

Bill as rendered, correct:

Officer against whom bill is rendered

L. M. PERKINS

ACCOUNTING DEPARTMENT.

Voucher No.

Address.....

Mem. No.

[illegible]

NOTE.—This side must be filled up by the person against whom bill is rendered.

NORTHERN PACIFIC RAILWAY COMPANY

C. E. M. of W. 374

STORE

Department

Order No.

Mem. No.

191

ENV-1-250

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1917

Apr. 14th, For value of cement furnished by Belfour, Guthrie & Co.,
Tacoma, as per their invoice dated April 10, 1917, for
use at Auburn Concrete Plant, as follows:

332 bbls "Olympic" cement @ 2.10 f.o.b.		
N.P. tracks, Bellingham	667.20	
.05¢ off per bbl - 10 days	<u>16.60</u>	680.60
Plus 1% Purchase Expense		<u>6.81</u>
Amount of this Bill		\$687.41

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.

Mem. No.

191

1917-

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

Apr. 11th, For value of concrete carts furnished by Robinson,
Cary & Sands Co., St. Paul, Minn., as per their invoice
dated April 26, 1917, for use at Auburn Concrete
plant, as follows:

3 - #3 K & J. concrete carts @ 18.75 each 56.25

Plus 1% Purchase Expense .56

Amount of this Bill

\$56.81

APPROVED:

A. M. BURT
Chief Engineer of Maintenance of Way.

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

G. E. M. of W. 369

STORE

Department

Order No.

Mem. No.

191

ENR-T-203

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1917-

Apr. 7th, For value of lumber furnished by Defiance Lumber Co.,
Tacoma, as per their invoice dated March 6, 1917,
as follows:

#1 Common Fir S12E

2x4	70/18	840'	@ 12.50	10.50
2x6	18/18	368	11.00	3.17
4x4	35/18	747	12.50	9.34

#1 Common Fir Rough

4x4	35/18	93/14	191/20	46/18	44/30	36/32	10581	12.50	132.26
	33/24								

#2 D&M Flooring

3x6	64/14	596	10.00	8.95
		23208'		

164.23

Less 2% - 10 days

3.28

160.95

Plus 1% Purchase Expense

1.61

Amount of this Bill

\$162.56
*****APPROVED:
A. M. BURT

Chief Engineer of Maintenance of Way.

L. M. PERKINS.

Engineer Maintenance of Way

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 CREDIT

Order No.

Mem. No.

191

1917-

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

Apr. 7th, For CREDIT allowed by Defiance Lumber Co., Tacoma, for value of lumber account shortage in shipment of 3/6/1917, NP car #32878, Order Q-13, as per their credit memorandum dated April 4, 1917, as follows:

8 pcs.	2x6-14 #2 Common, D&M	112' @ 10.00	<u>1.12</u>
	Amount of this	<u>CREDIT</u> Bill.	<u>\$1.12</u>

APPROVED:

A. M. BUELL
Chief Engineer of Maintenance of Way.

L. M. PERKINS.

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

C. E. M. of W. 367

STORE

Department

Order No.

Mem. No.

191

1917-

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

Apr. 11th, For material furnished by Paul J. Kalman Company,
St. Paul, Minn., as per their invoice dated March
21, 1917, for use at Auburn Concrete Plant:

The following reinforcing bars,
your Order #3-121 of 3/2/17:

450	3/4" Bar Squares	16'6"		
820	" "	16'6"		
820	" "	15'6"		
1020	" "	13'6"	88900# @ 3.439 cwt.	3087.27

Plus 1% Purchase Expense 30.57

Amount of this Bill \$3087.84

APPROVED:

A. M. BURT

Chief Engineer of Maintenance of Way.

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

C. E. M. of W. 351

STORE

Department

Order No.

Mem. No.

191

1917-

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

Apl. 4th, For value of cement furnished by Balfour, Guthrie & Co.,
Tacoma, Wash., as per their invoice dated March 29th,
1917, for use in connection with Auburn Concrete Plant,
as follows:

332 Bbls "Olympic" Cement @ 2.10 f.o.b.

N.P. tracks, Bellingham

697.20

5% off per bbl - 10 days

16.60

680.60

Plus 1% Purchase Expense

6.81

Amount of this Bill

\$687.41

APPROVED:

A. M. BURT
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

C. E. M. of W. 337

STORE

Department

Order No.

Mem. No.

191

1917-

TO

Engineering
(Auburn concrete plant) Department, Dr.

Mar. 31st, For labor furnished at Auburn Concrete Plant during March,
1917, as follows:

Plant Superintendent	1 mo. @ 100.00	100.00
Engineer	25.5 das. @ 3.50 day	82.25
Carpenters	94.5 das. @ 3.00 day	283.50
Pumpman	24.0 das. @ 2.75 day	66.00
Concrete Helpers	68.5 das. @ 2.50 day	<u>171.25</u>

Amount of this Bill

\$703.00

APPROVED:

A. M. BURT
Chief Engineer of Maintenance of Way

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

C. E. M. of W. 33 /

STOCK

Department

Order No.

Mem. No.

1917-

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

Mar. 31st, For drayage performed during the month of March, 1917,
by J. S. Heade, Auburn, as per invoice dated March 31,
1917, while hauling material from freight house to
concrete plant:

March 14th, Hauling lumber - 4700'

2.50

" 26th, " bolts

1.00

Amount of this Bill

\$3.50

APPROVED:

A. M. BURT,

Chief Engineer or Maintenance of Way

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.

STOCK

Department

C. E. M. of W. 519

Order No.

Mem. No.

191

E. M. W. - T-187

To

Engineering
(Auburn Concrete Plant)

Department, Dr.

1917.

March 31st, For Expenses of Engineering department employes in connection
with Auburn Concrete Plant, during March, 1917.

Plant Superintendent

1 hr. @ 1.00 day

31.00

Amount of this Bill

\$31.00

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 will sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

C. E. M. of W. 305

Order No.

ENR-T-178

Mem. No.

191

1917-

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

- Mar. 23rd., For concrete piling shipped to A. Herider, Ellensburg, Wash., for Bridge #124. J.E.C. #933. S.T. #413. File #3190-1916-

1917 - January 24-

N.P. 62412 - 12 pcs. 15-ft. concrete piles

" 66671 - 12 " 15-ft. " "

24 " @ 15 ft. = 360 ft @ 0.81352 292.87

Depreciation on plant @ 22.342% 65.43

Amount of this Bill \$358.30

Labor loading billed against Seattle Div. by P.S. Div.

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:

9440# cement from Bellingham @ .05 cwt.

6489# reinforcing steel from St. Paul @ .90 "

FINISHED PRODUCT:

77400# concrete piling from Auburn to Ellensburg

APPROVED:

A. M. BURT
Chief Engineer of Maintenance of Way.

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

C. E. M. of W. 304

STORE

Department

Order No.

Mem. No.

191

SNV-T-180

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1917-

Mar. 26th. For value of material furnished during February and March, 1917, in connection with Auburn Concrete Plant, Auburn, as per South Tacoma Store Department bill No. 276, ARAMA No. 502, as follows:

Inv. 3-61. NO-47276, 3/3/17. W/B-27 Auburn:

2 pr. 6" strap hinges St. Paul 3/ @ .88 dz. pr. .15

Inv. 3-62. NP-10750, 3/3/17. W/B-3 Auburn. TST 536:

1100 pcs plate washers for 1/2" bolts St. Paul 45/ @ 3.02c/ 1.36

1040 " nuts for 1/2" bolts " 84/ @ 5.20c/ 4.37

450/ 3d. common nails " 450/ @ 3.90c/ 17.55

Inv. 2-575. NP-35286-2/24/17. W/B-192:

10 gals coal oil Tacoma 60/ @ 9.00 c. gal .90

150 " car oil St. Paul 1095/ 19.22 " 28.83

40/ cotton waste " 40/ 9.50c/ 3.80

Inv. 2-602. NP-36285-2/26/17. W/B-203:

1 pc. 3x3 smoke stack netting 5'x10' " 102/ @ 8.00c/ 8.16

Inv. 2-677. NP-33476-2/28/17. W/B-218:

2 Engineers 1-qt. oil can (new) " 2/ @ 5.58dz. .92

Inv. 2-663. NP-35286. W/B-1068. 2/24/17:

4 doz. Hex. hd. bolts 1/2x3 1/2 Seattle 30/ @ 2.79c/ .84

4 " " " nuts 1/2 St. Paul 10/ @ 4.40c/ .44

3 6-lever padlocks " 2/ @ 2.43 dz. .61

5/ Lampblack " 5/ @ .11/ .55

6 6" flat smooth files " 2/ @ .65dz. .33

20/ 10d. wire nails " 20/ @ 1.99c/ .40

20/ 8d. " " " } 80/ @ 2.39c/ 1.91

60/ 6d. " " " } 60/ @ 2.39c/ 1.43

1 dz. 5/8" small water glass gaskets " 1/2 @ 1.33c .07

4/ Palmetto Piston Packing 5/8" " 4/ @ .49/ 1.96

2 kegs 60d. xxxxx Spikes " 200/ @ 2.15c/ 4.30

77.1

Store Expense

7.2

Amount of this Bill

\$85.2

APPROVED:

A. M. BURT

Chief Engineer of Maintenance of Way.

Certify that the above account is correct:

L. M. PERKINS.

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

C. E. M. of W. *303*

STOCK

Department

Order No.

Mem. No.

REV-T- *179*

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1917-

Mar. 24th, For value of material furnished by Paul J. Kalman Co.,
St. Paul, Minn., as per their invoice dated March 5,
1917, for use at Auburn Concrete Plant, as follows:

4000 Bands 2 $\frac{1}{2}$ " ϕ 10 1' 3 $\frac{1}{2}$ " long - 5355# @ 4.65 cwt. 249.01

Plus 1% Purchase Expense 2.49

Amount of this Bill \$251.50

APPROVED:

A. M. BURT.

Chief Engineer of Maintenance of Way.

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

G. E. M. & W. 302

STORE

Department

Order No.

Mem. No.

191

1917-

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

Mar. 22nd., For amount of foreign line freight charges from
De Kalb to St. Paul on material for use in connection
with Auburn Concrete Plant, as per Material & Supplies
Department bill No. 8676, AD No. 13513, as follows:

CHFE car No. 201058, 10/20/16 W.S. #427, Pro. 10441:

90 rolls W.S. reinforcement 36232# @ .14 50.72

Amount of this Bill

\$50.72

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

C. E. M. of W. 300

Department

Order No.

Mem. No.

MEM-T-176

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1917-

Mar. 21st, For value of wire furnished by United States Steel Products Company, Seattle, as per their invoice dated March 14, 1917, for use at Auburn Concrete Plant, as follows:

3 bds 11 black annealed fence wire 417# @ 4.15 C#	17.31
Less 2% 10 days	.35 16.96
Plus 1% Purchase Expense	.17
Amount of this Bill	\$17.13

APPROVED:

A. M. BURT

Chief Engineer of Maintenance of Way

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

G. E. M. of W. 288

Order No.

Mem. No.

191 1917

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

Mar. 10th, For value of roofing paper furnished by Seattle Hardware Co., Seattle, as per their invoice dated March 6, 1917, for use at Auburn Concrete Plant, as follows:

5 Rolls 2-ply Malthine paper - 1000 sq.ft. rolls @ 3.10	15.50
Plus 1% Purchase Expense	.16
Amount of this Bill	\$15.66

APPROVED:

A. M. BURT.

Chief Engineer of Maintenance of Way.

I certify that the above account is correct:

Bill as rendered, correct:

L. M. FERKINS,

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

G.E.M. of W. 289

Order No.

Mem. No.

191

1917-

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

Mar. 16th, For value of cement furnished by Balfour, Guthrie & Co., Tacoma, as per their invoice dated March 12, 1917, as follows:

332 Bbls "Olympic" cement @ 2.10 f.o.b. NP tracks, Bellingham	697.20
5¢ off per bbl - 10 days	<u>16.60</u>
	680.60
Plus 1% Purchase Expenses	<u>6.61</u>
Amount of this Bill	\$687.41

APPROVED:

A. M. BURT.
Chief Engineer of Maintenance of Way.

E. 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

G.E.M. of W. 290

Order No.

Mem. No.

ENG-T-172

TO

Engineering

Department, Dr.

191

(Auburn Concrete Plant)

1917-

Mar. 16th, For value of galvanized sheet steel furnished by
Seattle Hardware Co., Seattle, as per their invoice
dated March 7, 1917, as follows:

12 sheets #22 - 24 x 96 galv. sheet steel - 267 $\frac{1}{2}$ @ 9.30 cwt. 22.16

Plus 1% Purchase Expense .22

Amount of this Bill \$22.38

APPROVED:

A. M. BURT

Chief Engineer of Maintenance of Way.

L. M. PERKINS,

Engineer 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

C. E. M. of W. 291

Order No.

Mem. No.

ENG-T-171

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1917-

Mar. 16th, For value of wire spikes furnished by Hunt & Kottet Co., Tacoma, as per their invoice dated March 2, 1917, as follows:

4 kegs 3/16"x 7" Wire spikes	@ 4.15	16.60
	Less 2% 10 days	.33
		16.27
	Plus 1% Purchase Expense	.16
	Amount of this Bill	\$16.43

APPROVED:

A. M. BURT
Chief Engineer of Maintenance of Way.

C. M. PERKINS

Engineer 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

C. E. M. of W. 285

STONE

Department

Order No.

Mem. No.

191

1917-

ENW-T- 168

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

Mar. 5th, For lubricator glasses furnished by Hunt & Mottet Co.,
Tacoma, as per their invoice dated February 27, 1917,
for use at Auburn Concrete Plant, as follows:

1 doz. #2 7/8 Swifts glasses for lubricator	.75
Plus 1% Purchase Expense	.01
Amount of this Bill	\$0.76

APPROVED:

Chief Engineer of Maintenance of Way.

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

G. E. M. of W.

284

Order No.

Mem. No.

191

EMW-T-

1917-

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

Mar. 5th, For packing furnished by United States Rubber Company,
Tacoma, Wash., as per their invoice dated March 1, 1917,
for use at Auburn Concrete Plant, as follows:

5-5/8 lbs. 1/16" Rainbow sheet packing @ .67 3.77

3-1/4 " 3/8 Shawmut pump packing @ .75 2.44

6.21

Plus 1% Purchase Expense

.06

Amount of this Bill

\$6.27

APPROVED:

A. M. BURT,
Chief Engineer of Maintenance of Way.

I certify that the above account is correct:

Bill as rendered, correct:

L. M. PERKINS.

Chief Engineer of 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. E. M. of W.

283

Order No.

Mem. No.

191

ENG-T-

1917-

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

Mar. 9th, For value of material furnished during November and December, 1916, in connection with Auburn Concrete Plant, as per South Tacoma Store Department bill No. 93, ASAMA No. 175, as follows:

Inv. 12-440, W/B 163, 12/19/16 KP 64189, TST-3210:

Housing for new boiler:

80 pcs 1x12-10' SLS Centralia)

40 " 1/2 x 3-20' " " " } 3300# 13.68

Inv. 11-61, W/B 056, 11/6/16 KP 64861, ST-11405:

1 Staty. boiler - Eng. 728, 3 t. Paul, 2000# 1211.47

1225.15

122.52

APPROVED:

Store Expense

A. M. BURT

Chief Engineer of Maintenance of Way.

Amount of this Bill

\$1347.67

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

C. E. M. of W.

259

STORE

Department

Order No.

Mem. No.

191

ENG-T-166

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

Feb. 28th, For drayage and team work performed during the month of February, 1917, by J.W. Meade, Auburn, as per invoices dated February 26th, 1917, while hauling material from round house to plant and grading for slab platform, in connection with Auburn Concrete Plant, at Auburn:

Feb. 26th,	Hauling engine fittings and tools	1.50	
" 26th,	" " " " "	1.50	3.00
" 26th,	Team grading for slab platform	6.00	
" 27th,	" " " " "	6.00	12.00

Amount of this Bill \$15.00

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

C. E. M. of W. 257

STORE Department

Order No.

E. M. W. - T - 151

Mem. No.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

191

1917-

Feb. 28th, For labor furnished at Auburn concrete Plant, in February,
1917, as per payroll.

Plant Superintendent
Engineer
Carpenters
Pumpman
Concrete Helpers

9	das.	@ 100.00	32.13
8	das.	@ 3.50 day	28.00
12	das.	@ 3.00	36.00
3	das.	@ 2.75	8.25
12	das.	@ 2.50	<u>30.00</u>

Amount of this Bill

\$134.38

*Change**Auburn Concrete Plant**Operation Acct**Investment Acct**\$3.27**81.11**134.38*

APPROVED:
A. M. BURT.
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

G. E. M. of W. 244

Order No.

Mem. No.

191

1917-

E. M. W. - T -

159 TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

Feb. 28th, For Expenses of Engineering department employees in connection
with Auburn Concrete Plant, during February, 1917.

Plant Sup't 9 das. @ 1.00 day

9.00

Amount of this Bill

\$9.00

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

C. E. M. of W. 223

(CREDIT)

Order No. RMW-T- 145

Mem. No.

1917-
191TO Engineering
(Auburn Concrete Plant)

Department, Dr.

Feb. 14th, To allow Auburn Concrete Plant, Investment Account,
credit for value of rope, shipped to Mr. A. Herider,
Supervisor, Snohomish, as per RMW-T- bill No. 127,
dated January 31st, 1917:

71 ft. 2" Manila rope - 55# @ 18.80 cwt.

10.34Amount of this CREDIT Bill \$10.34

APPROVED:

A. M. BURT.

Chief Engineer of Maintenance of Way.

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

OPERATING

Department

C. E. M. of W. 227

Seattle Division.

Order No.

REV-T-127

Engineering

Mem. No.

191

1917-

TO

(Auburn Concrete Plant)

Department, Dr.

Jan. 31st, For value of 2" manila rope left over from Auburn Concrete Plant and shipped to Mr. A. Herider, Supervisor, Snohomish, per letter from Mr. Herider dated January 19, 1917:

71 ft. 2" Manila rope 55¢ @ 18.80 cwt.

10.34

Amount of this Bill

\$10.34

APPROVED:

A. M. BURT

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.

G. M. PERKINS

Eng. Maintenance of Way

Officer who renders

sign here.

NORTHERN PACIFIC RAILWAY COMPANY

C. E. M. of W. 225

STORM

Department

Order No.

Mem. No.

REV-T-143

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1917-

Feb. 14th, For amount of foreign line freight charges from Cleveland to St. Paul, on material for use in connection with Auburn Concrete Plant, Auburn, as per Material and Supplies Department bill No. 5717, AD 13643, as follows:

G.N. Car #125259 11/18/16 W.B. 99403 Pro. 4280:

8 bds bar steel 1240# @ 34¢ cwt. 4.21

Amount of this Bill

\$4.21

APPROVED:

A. M. BURT
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.

L. M. PERKINS,

Officer who rendered

sign here.

NORTHERN PACIFIC RAILWAY COMPANY

STORE

Department

CEMofW 202

Order No. EMW-T. 123

Mem. No.

191 1917

TO Engineering
(Auburn Concrete Plant)

Department, Dr.

Jan. 17th, For amount of foreign line freight charges from De Kalb to St. Paul, on material for use in connection with Auburn Concrete Plant, as per Material and Supplies Department Bill No. 5680, AD 13516, as follows;

CGW car #27474 9/21/16 W.B. 358 Pro 11739:

10 Rolls W. W. Reinforcement 4061# @ 36¢ cwt. 14.61

CGW car #27474 9/21/16 W.B. 298 Pro 11740:26 Rolls W. W. Reinforcement - 10456# @ 36¢ cwt. 37.64

A mount of this bill \$52.25

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 here.

NORTHERN PACIFIC RAILWAY COMPANY

C. E. M. of W. 153

STORE

Department

Order No.

EW-T-

118

Mem. No.

TO

Engineering
(Auburn Concrete Plant)

Department, Dr.

1917-

Jan. 17th, For amount paid A. O. Knox in settlement for personal injuries sustained on or about September 22d., 1916, while in the employ of the N. P. Ry Co., working as concrete helper at Auburn Concrete Plant, Auburn, Wash., as per Operating Department AD bill No. 13526 - - - - -

400.00

Amount of this Bill \$400.00

APPROVED:

A. M. BURT.

Chief Engineer of Maintenance of Way

I certify that the above account is correct:

Bill as rendered, correct:

L. W. PERKINS

Maintenance of Way

By

sign here.

Officer against whom bill is rendered will sign here.

Officer who renders bill

3677

2

