Fed. Road Dist. No.	State	Fed. Aid Proj. No.	Fiscal Year	Sheet No.	Total Sheets
9	Maine	NRM 256A		1	8

STATE OF MAINE
STATE HIGHWAY COMMISSION

PLAN AND PROFILE
STATE HIGHWAY "G"
AUGUSTA
KENNEBEC COUNTY
FEDERAL AID PROJECT NO. NRM 256-A

TOTAL LENGTH 0.37 MILES

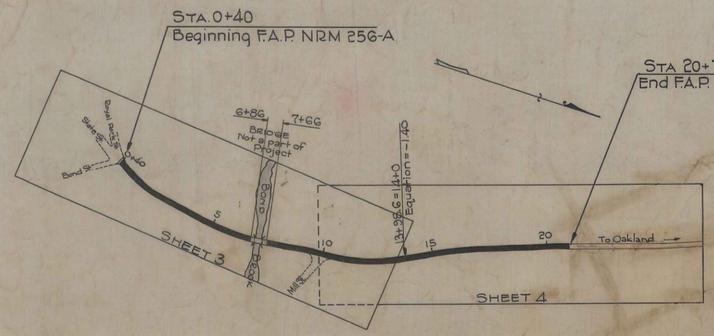
SCALES
- PLAN 1 IN. = 50 FT.
- PROFILE HOR. 1 IN. = 50 FT.
- PROFILE VER. 1 IN. = 5 FT.
- CROSS SECTIONS 1 IN. = 5 FT.

CONVENTIONAL SIGNS

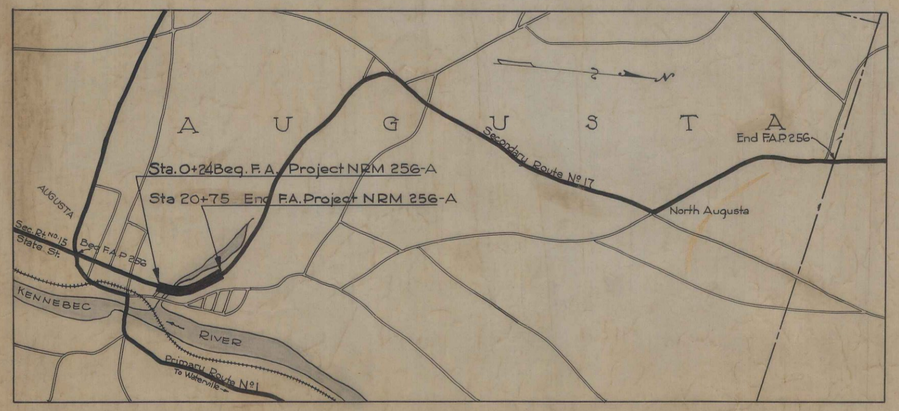
State or National Line		Survey Line	
County Line		Culvert	
Town Line		Drop Inlet	
Unfenced Property		Trolley Pole	
Fence		Power Pole	
Right of Way Line		Tel. Pole	
Traveled Way		Marsh	
Railroad		Trees	
Retaining Wall		Stone Wall	

INDEX OF SHEETS

Note: The Commission reserves the right to increase or decrease the length of this project, but in no event, more than 25% of the original contract.



LAYOUT PLAN
Scale 1 in. = 300 ft.



NOTE

All work contemplated under this contract to be governed by and in conformity with the specifications adopted March 21, 1932 with all subsequent approved revisions except as modified on these plans.

The above specifications wherein not in conformity with the Federal Government's Rules and Regulations for work done under the National Industrial Recovery Act relative to the furnishing of all materials by the contractor, or otherwise not in conformity therewith, are hereby amended to meet said Rules and Regulations of the Federal Government.

Where any excavation is to be made during the season of 1933, the contractor must immediately complete that section, except for the Bituminous Macadam Surface Course.

The crushed stone base must be well covered with dust.

Approved:
Maine State Highway Commission

Francis J. Peabody, Chairman

Edward C. Farnsworth

Paul C. Winslow

Irving D. Bannon, Chief Engineer

Approved:
U. S. Bureau of Public Roads

[redacted], District Engineer

[redacted], Chief Engineer

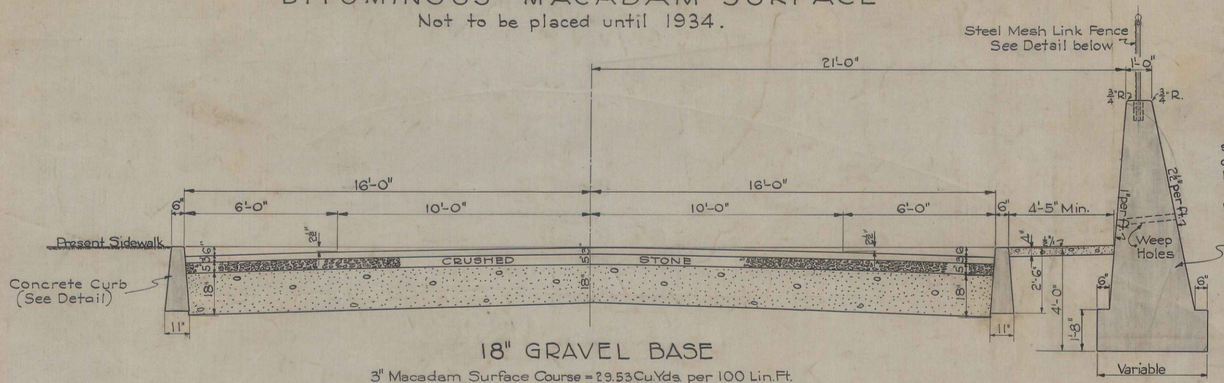
[redacted], Director

AA28

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	MAINE	N(2M 253A)		2	8

BITUMINOUS MACADAM SURFACE

Not to be placed until 1934.



18" GRAVEL BASE

3" Macadam Surface Course = 29.53 Cu.Yds. per 100 Lin.Ft.
5" Crushed Stone Base Course = 49.14 Cu.Yds. per 100 Lin.Ft.
18" Gravel Base Course = 185.87 Cu.Yds per 100 Lin.Ft.

NOTE

Where any excavation is made during the season of 1933, the contractor must immediately complete that section, except for the Bituminous Macadam Surface Course.

The Crushed Stone Base must be well covered with dust.

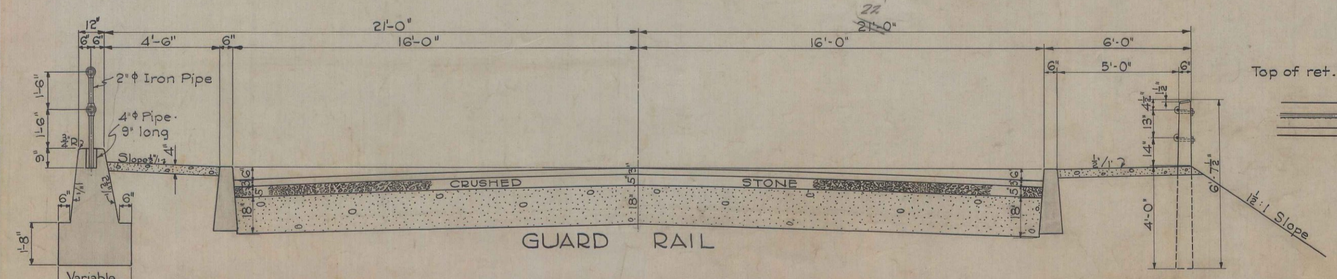
Concrete for Retaining Wall to be Class "B" Concrete

RETAINING WALL
Sta. 14+70 to 18+16
Sta. 19+25 to 20+75

ESTIMATED QUANTITIES

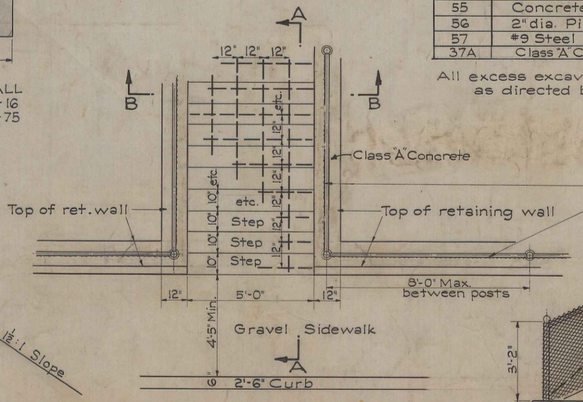
ITEM	DESCRIPTION	QUANTITY	UNIT
12A	Earth Excavation	5400	Cu.Yds.
12B	Rock Excavation	50	Cu.Yds.
12C	Trees Removed	4	Each
13	Excavation for Structs.	1400	Cu.Yds.
	Rock Excavation for Structs.	10	Cu.Yds.
23	Gravel Base Course	4320	Cu.Yds.
26	Crushed Stone Base Course	275	Cu.Yds.
28	Gravel Surface Course	200	Cu.Yds.
31A	Bituminous Macadam Surface Course	580	Cu.Yds.
31B	Emulsified Asphalt - Furnished and Applied	18,000	Gals.
37B	Class "B" Concrete	640	Cu.Yds.
38	Steel Reinforcement for Conc. Structs.	10,150	Lbs.
42C	Furnishing and Laying 18" Corr. Metal Pipe	80	Lin.Ft.
44C	Furnishing and Laying 18" Reinf. Conc. Pipe	56	Lin.Ft.
46B	Catch Basins	5	Each
52A	Wire Cable Guard Rail	264	Lin.Ft.
52B	Anchorages for Wire Cable Guard Rail	4	Each
55	Concrete Curb - Complete, in Place	3300	Lin.Ft.
56	2" dia. Pipe Rail - in Place	200	Lin.Ft.
57	#9 Steel Mesh Link Fence - in Place	450	Lin.Ft.
37A	Class "A" Concrete	20	Cu.Yds.

All excess excavation - to be disposed of by contractor as directed by engineer - -



GUARD RAIL

RETAINING WALL
Sta. 10+56 to 11+46
Sta. 18+75 to 20+50

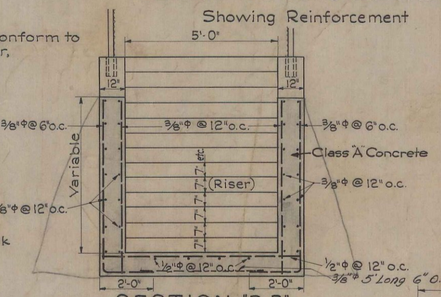


PLAN

DETAIL CONC. STAIRWAY

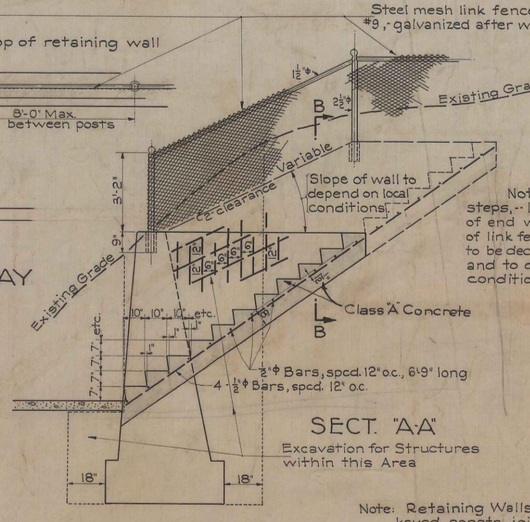
Showing Reinforcement

Note: 4" Gravel Sidewalk to conform to specifications for, and paid for, as "Gravel Surface"



SECTION "B-B"

Showing Reinforcement

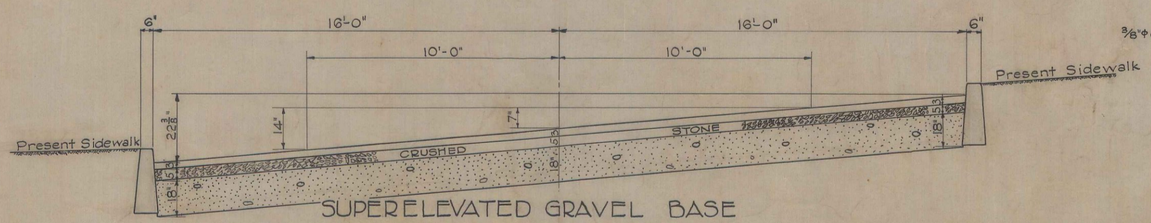


SECT. "A-A"

Excavation for Structures within this Area

Note: Number of steps, - length and height of end walls, - also, amount of link fence to be used, - to be decided by engineer, and to depend on local conditions.

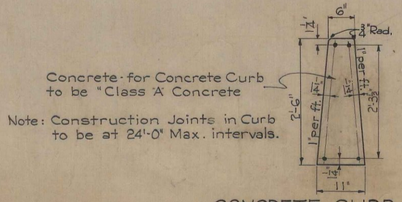
Note: Retaining Walls to have suitably keyed constr. joints, not over 24'-0" apart.



SUPERELEVATED GRAVEL BASE

18" Gravel Base Course = 176.02 Cu.Yds. per 100 Lin.Ft.

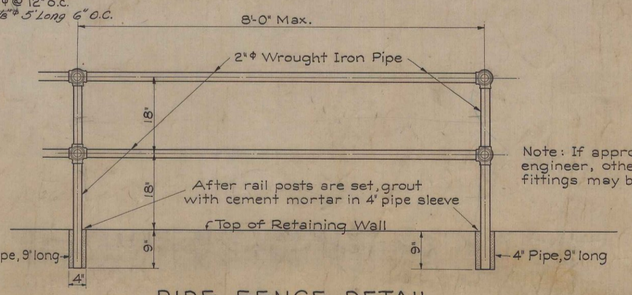
This Section shows Maximum Superelevation on Curve, from Sta. 10+54.7 to Sta. 13+54.5



Concrete for Concrete Curb to be "Class A" Concrete

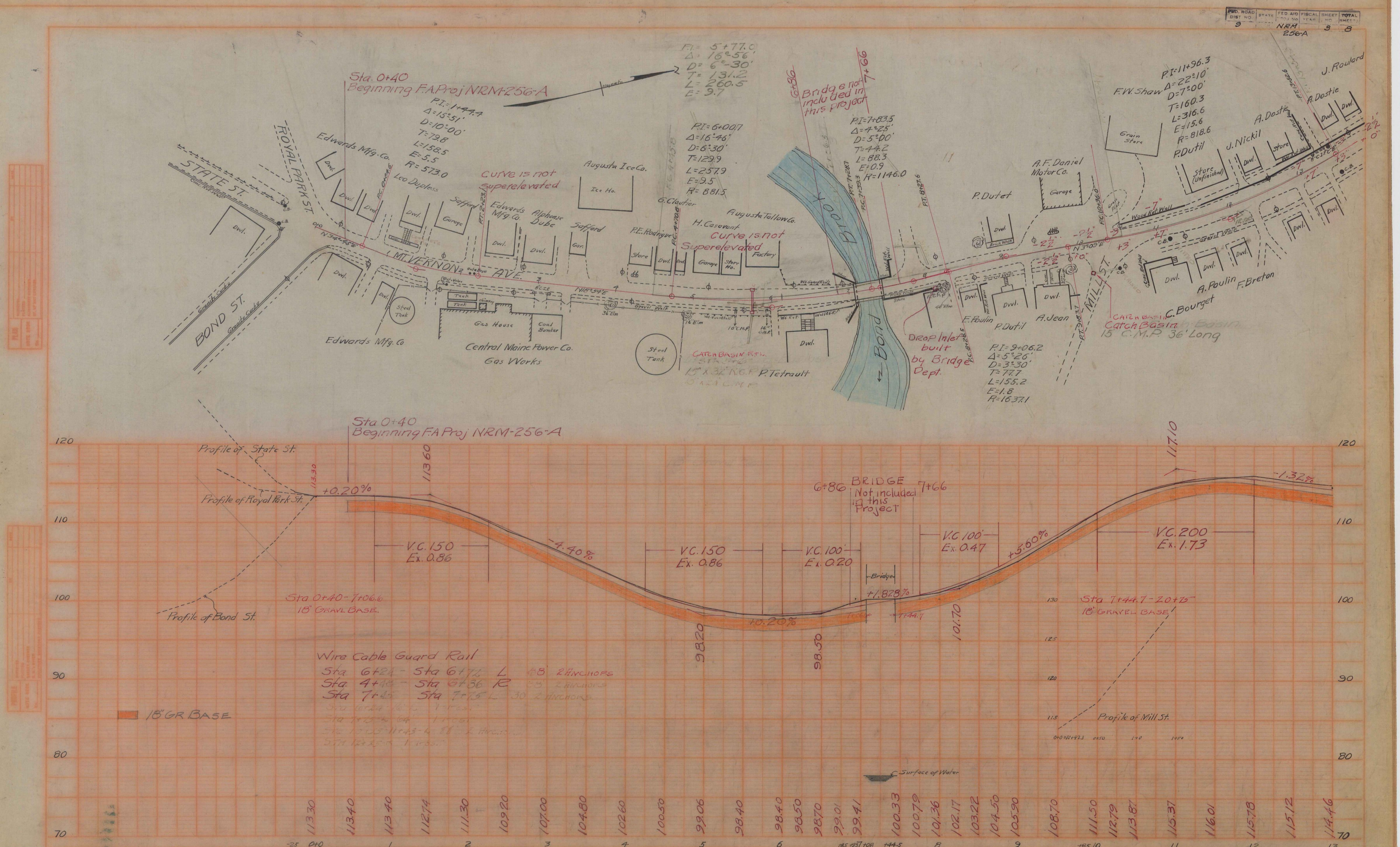
Note: Construction Joints in Curb to be at 24'-0" Max. intervals.

CONCRETE CURB DETAIL



Note: If approved by the engineer, other types of fittings may be used.

PIPE FENCE DETAIL


FED. ROAD DIST. NO. 9
STATE
FED AID PROJ. NO. NRM 256-A
FISCAL YEAR
SHEET NO. 3
TOTAL SHEETS 8
Sta. 0+40
Beginning F.A.Proj NRM-256-A
P.I.= 5+77.0
Δ= 16°56'
D= 6°-30'
T= 131.2
L= 260.5
E= 9.7
P.I.= 1+44.4
Δ= 15°51'
D= 10°00'
T= 79.8
L= 158.5
E= 5.5
R= 573.0
Curve is not Superelevated
P.I.= 6+00.7
Δ= 16°46'
D= 6°30'
T= 129.9
L= 257.9
E= 9.5
R= 881.5
Curve is not Superelevated
Bridge not included in this project
6+86
7+66
P.I.= 7+83.5
Δ= 4°25'
D= 5°00'
T= 44.2
L= 88.3
E= 0.9
R= 1146.0
P.I.= 11+96.3
Δ= 22°10'
D= 7°00'
T= 160.3
L= 316.6
E= 15.6
R= 818.6
P.I.= 9+06.2
Δ= 5°26'
D= 3°30'
T= 77.7
L= 155.2
E= 1.8
R= 1637.1
STATE ST.
ROYAL PARK ST.
BOND ST.
MT. VERNON AVE.
MILL ST.
Bond Brook
Edwards Mfg. Co.
Leo Duplessis
Safford
Edwards Mfg. Co.
Alphonse Dube
Augusta Ice Co.
Ice Ho.
G. Cloutier
P.E. Rodrigue
H. Casavant
Augusta Tallow Co.
Factory
Garage
Store
Dwl.
Steel Tank
Gas House
Coal Bunker
Edwards Mfg. Co
Central Maine Power Co.
Gas Works
Catch Basin
P. Tetrault
Drop Inlet built by Bridge Dept.
F. Poulin
P. Dutil
A. Jean
C. Bourget
A. Poulin
F. Breton
Catch Basin
15" C.M.P. 36' Long
P. Dutet
A.F. Daniel Motor Co.
Grain Store
F.W. Shaw
P. Dutil
J. Nickil
A. Dostie
A. Dostie
J. Roulard
Store (Unfinished)
Wood Ret. Wall
Sta. 0+40
Beginning F.A Proj NRM-256-A
Profile of State St.
Profile of Royal Park St.
Profile of Bond St.
113.30
113.60
+0.20%
V.C. 150
Ex. 0.86
-4.40%
V.C. 150
Ex. 0.86
98.20
+0.20%
V.C. 100'
Ex. 0.20
98.50
6+86 BRIDGE 7+66
Not included in this Project
Bridge
+1.828%
V.C. 100'
Ex. 0.47
101.70
+5.60%
V.C. 200
Ex. 1.73
117.10
-1.32%
Sta 0+40 - 7+06.6
18" Gravel Base.
Sta 7+44.7 - 20+15
18" Gravel Base
Profile of Mill St.
Wire Cable Guard Rail
Sta. 6+24 - Sta 6+72 L 48 2 Anchors
Sta. 4+18 - Sta 6+36 R
Sta 7+45 Sta 7+75 L 30 2 Anchors
18" GR BASE
Surface of Water
120
110
100
90
80
70
113.30
113.40
113.40
112.74
111.30
109.20
107.00
104.80
102.60
100.50
99.06
98.40
98.40
98.50
98.70
99.01
99.41
100.33
100.79
101.36
102.17
103.22
104.50
105.90
108.70
111.50
112.79
113.87
115.37
116.01
115.78
115.12
114.46
-25
0+0
1
2
3
4
5
6
7
8
9
10
11
12
13

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	MAINE	N.R.M. 256-A		4	8

P.I. 12+06.3
Δ = 20° 59'
D = 7°-00'
T = 151.6
L = 299.8
E = 13.9

Sta 20+75
End F.A. Proj NRM 256-A

P.I. = 23+94.2
Δ = 8° 52'
D = 6° 00'
T = 74.0
L = 147.8
E = 2.9
R = 955.0

F.W. Shaw

A.F. Daniel Motor Co.
Garage
Grain Store
Store (Comprised)
Dwl.
Store
Gravel Walk
Concrete Curb
Gutter
Wood Ret. Wall
Curb Cut
Catch Basin
Shed
Trench Pipe
Iron Pipe
Old Gravel Pit
Page Wire Guard Rails
Stone Box N.G.
Tel. Pole
Tel. Line
Tel. Wall
Sta. 13+52.6
Sta. 13+56.5
Sta. 14+00

F.W. Shaw
P.I. = 11+96.3
Δ = 22° 40'
D = 7° 00'
T = 160.3
L = 316.6
E = 15.6
R = 818.6

P. Dutil
J. Nickil
A. Dostie
A. Dostie
J. Roulard
H. Gagne
A. Aube
S. Jolicoeur
Rodrigue
J. Tondreau
L. Tondreau
P. Tondreau
B. Grenier
P. Dostie
P. Dostie
E. Pomerleau
F.W. Shaw
P. Gurney
E. Fontaine
P. Gurney
W. Curey
J. Pelletier
R. Libby
F. Dostie
F. Desjardins
L. Bourget
A. Poulin
C. Bourget
F. Breton
MILL ST.

P.C. 10+36.2
P.C. 13+52.6
P.T. 13+56.5
P.C. 14+00
P.C. 14+36.0
P.T. 16+69.3
P.C. 19+45.4
P.T. 19+54
P.C. 23+20.2
P.C.C. 24+68.0

13+46 R
Catch Basin

P.I. = 15+92.7
Δ = 5° 48'
D = 3° 00'
T = 96.7
L = 193.3
E = 2.6
R = 1910.0
Curve is not superelevated

This Curve is not SUPERELEVATED

P.I. = 20+35.5
Δ = 5° 24'
D = 3° 00'
T = 90.1
L = 180.0
E = 2.1
R = 1910.0

N 13° 13' W
N 13° 01' W
N 7° 49' W

Sta 7+44.7 - 20+75
18" GRAVEL BASE.

Conc. Ret Wall
Sta 14+70 - Sta 18+50 Rt
Sta 18+75 Sta 20+58 Lt
Sta. 19+00 Sta 21+25 Rt
Sta [illegible] - Sta 23+23 Lt
WITH WING WALLS