

### TYPICAL CROSS SECTIONS

SCALE - 1 inch = 2 1/2 feet

**REGULAR SECTION**

Sta. 0+00 to Sta. 2+00.2	Length	2002
4+42.5 - 7+04.6		2621
8+36.4 - 26+31.6		8352
29+57.0 - 35+34.8		6378
38+38.5 - 43+27.8	476.6	Eq. of 12.4
48+47.3 - 51+38.5		3312
55+51.1 - 58+04.1		2530
65+35.1 - 72+60.0	6668	Eq. of 13
82+44.3 - 93+30.0		10657
107+47.9 - 114+27.6		6737
115+65.0 - 116+30.0		850
<b>TOTAL</b>		<b>65333.71</b>

**REGULAR SECTION WITH SUB-BASE**

Sta. 33+30.0 to Sta. 95+42.0	Length	2120
116+50.0 - 117+02.7		527
118+69.9 - 124+00.0		5301
<b>TOTAL</b>		<b>7348.71</b>

**CURVE SECTION**

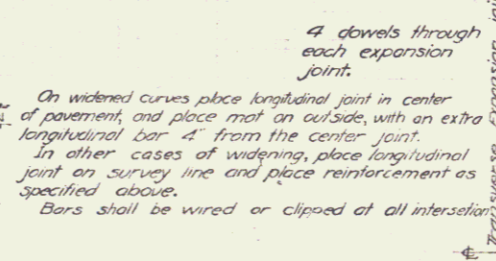
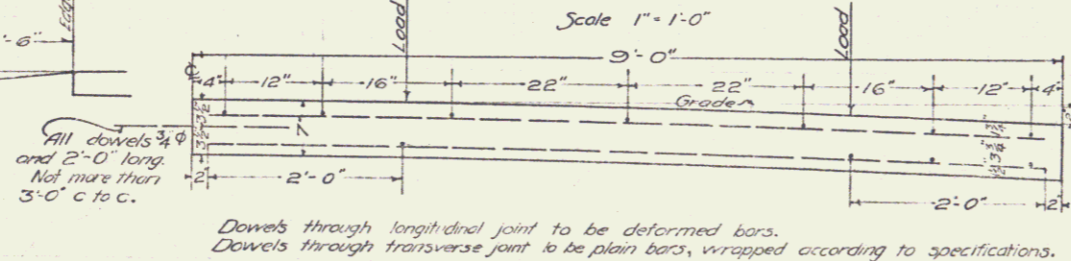
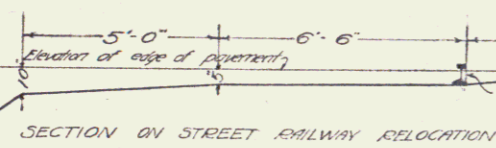
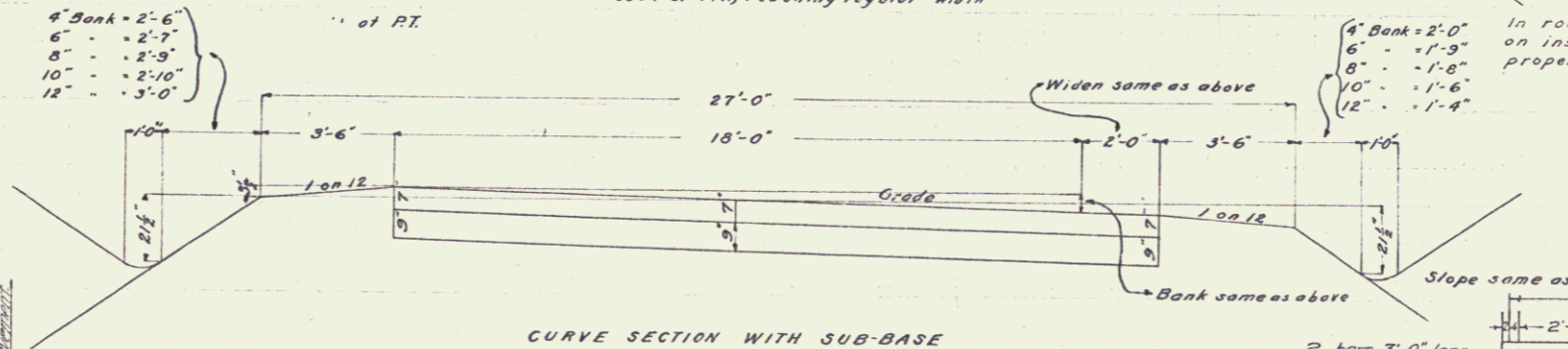
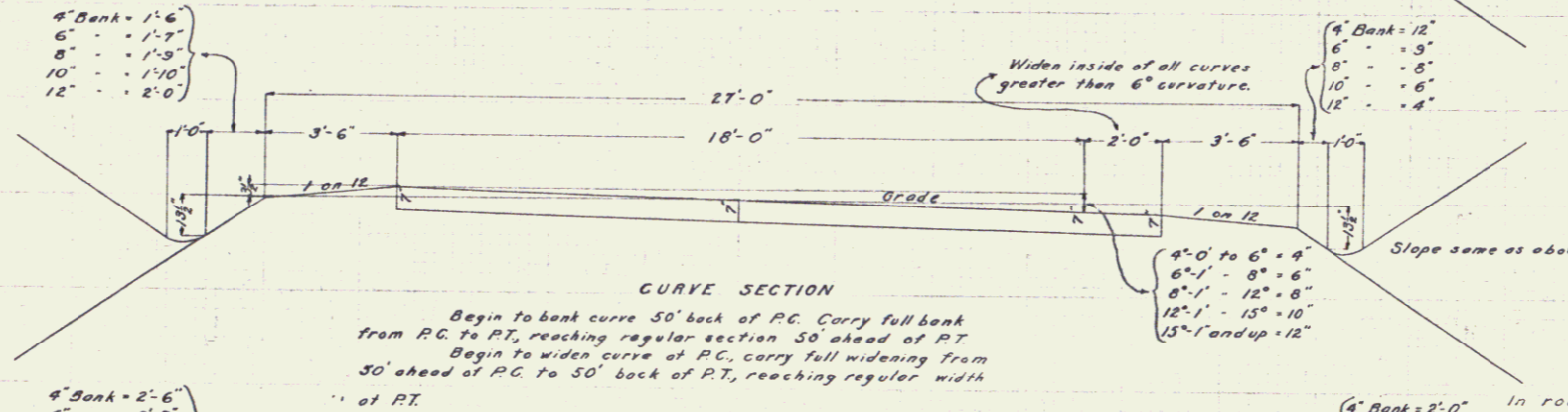
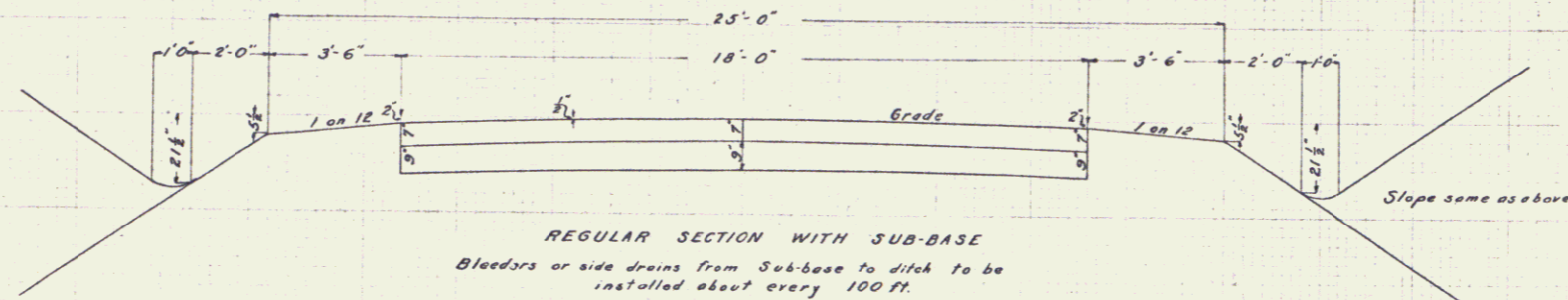
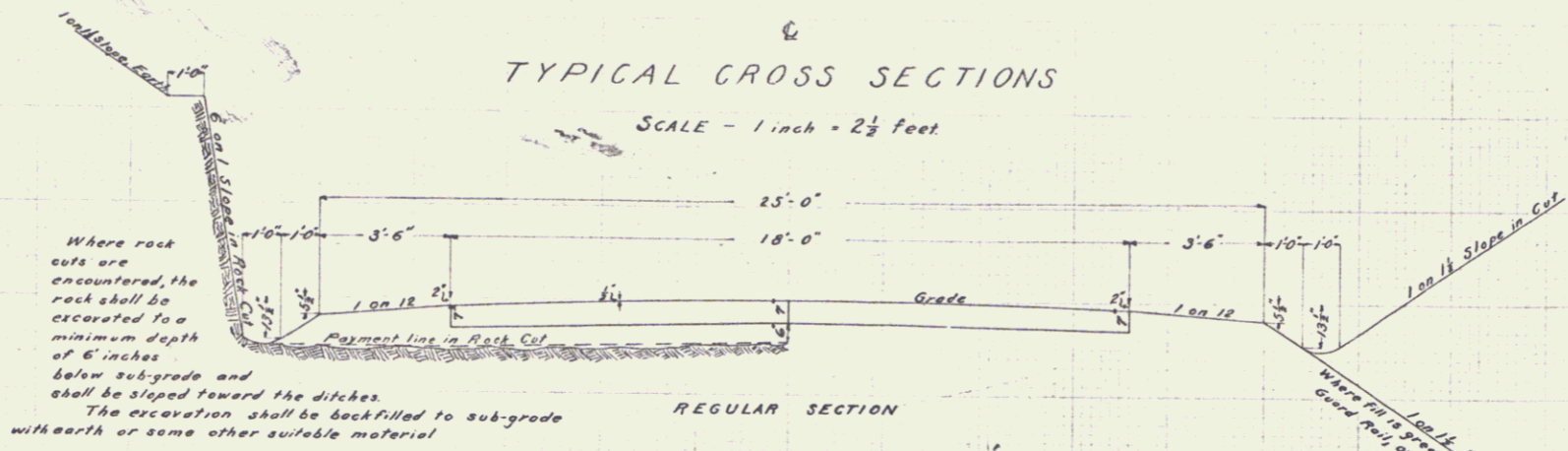
Sta. 2+00.2 to Sta. 4+42.5	Length	2423	NW
7+04.6 - 8+56.4		1518	NW
26+94.6 - 29+57.0		2629	Eq. of +2.5
35+94.8 - 38+58.8		2940	NW
43+27.8 - 45+00.0		1722	NW
45+00.0 - 48+47.3		3451	Eq. of -2.2
51+38.5 - 55+51.1		3500	Eq. of -2.6
58+04.1 - 65+35.1		7910	NW
72+60.0 - 79+50.0		6920	NW
79+50.0 - 82+44.3		2943	WO
103+00.0 - 107+47.9		4473	NW
114+27.6 - 115+65.0		1374	WO
<b>TOTAL</b>		<b>41533.71</b>	

**CURVE SECTION WITH SUB-BASE**

Sta. 35+42.0 to Sta. 38+69.9	Length	3273	N
98+69.3 - 101+21.3		232	
101+21.3 - 103+00.0		178.7	NW
117+02.7 - 118+69.9		147.2	
<b>TOTAL</b>		<b>3222.6</b>	

TOTAL FOR PROJECT 12337.71

NW = Not Widened  
WO = Widened outside



If gravel is encountered in excavation, the Contractor shall, if required by the Engineer, use it in building shoulders at such places as the Engineer shall direct. If the haul exceeds 1500 feet, the Contractor shall be entitled to overhaul for excavation.

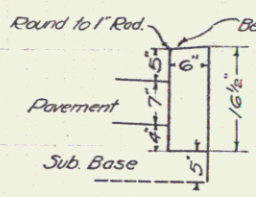
**APPROXIMATE SUMMARY OF QUANTITIES**

EARTH EXCAVATION	14,835 cu yd
ROCK	892
SHORING	350
SUB-BASE OF GRAVEL	878
ONE COURSE REINFORCED CEMENT CONCRETE	4,881
PAVEMENT WITH STEEL ENDS	27.4
CONCRETE CLASS A (1-2-2)	37.7
CONCRETE CLASS B (1-2-3)	493
REINFORCED STEEL	4,880 lb.
WOODEN GUARD RAIL	40
15" CONCRETE PIPE CULVERTS	32.6
18"	2.8
12" CORR. IRON PIPE	2.8
RELAYING PIPE CULVERTS	60

**EXTRA QUANTITIES TO BE USED IF NECESSARY**

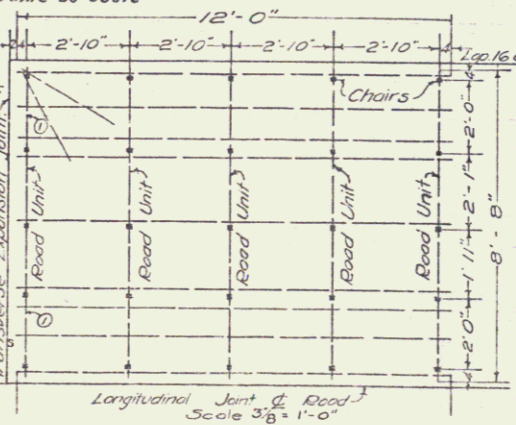
EARTH EXCAVATION	500 cu yd
ROCK	150
SUB-BASE OF GRAVEL	200
CONCRETE CLASS A (1-2-2)	15.0
CONCRETE CLASS B (1-2-3)	25.0
STANDARD UNDERDRAIN	300 lb.

**DETAIL OF CURB**



Where sub base is used carry base out under curb. Curbing shall be poured in place in sections 6' long.

Concrete = 1167 sq ft  
Sub-base = 1300



All bars 3/8 round.  
Figure of 3 mats per slab.  
Weight = 74.9 lbs./100 sq ft, exclusive of chairs.  
Weight = 84.2 lbs./100 sq ft, with dowels.

This unit used only in first mat in each slab.

Chairs to support and space transverse bars. To be attached by manufacturer.

Designed by P. M. Stevens  
Checked by P. M. S.  
Traced by H. W. Nersett 3/25/23  
Examined by P. M. S. 3/25/23  
Series of No. 27 Filed  
Sheet 2 of 41