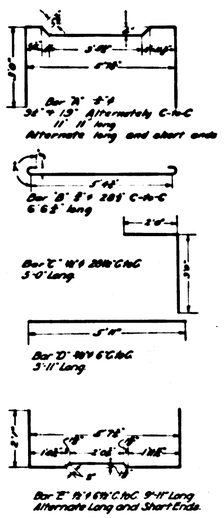
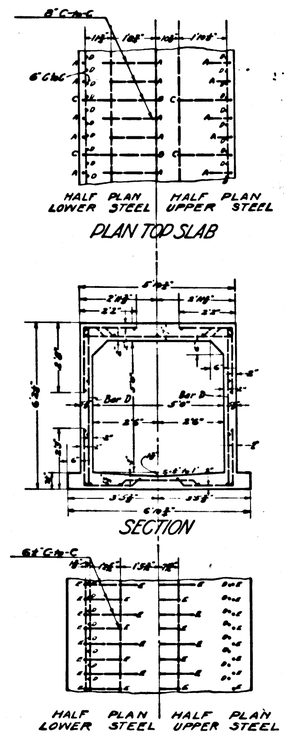
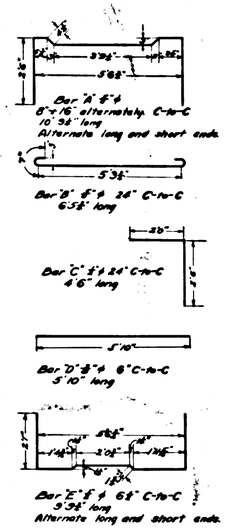


Longitudinal Steel: 25 Bars; ⅝" #





Longitudinal Steel: 25 bars #4

00 to Station 33+85 of Wilmington Ave. Line. Sheet 16.
rds per foot
ds per foot (on tangent.)
=1715 lbs. per sq. foot
al refer to center lines.

CED CONCRETE
5'-0" X 5'-0"
N XXXII
00 TO STATION 33+85
NGTON AVE. LINE.
RETE TO BE CLASS A-1
ALE 1/2"=1'

Section XXXIII from Station 1+60 to Station 4+00 of Wilmington Ave. Line. Sheet 18.
Total Length = 240 Feet
Class A-1 Concrete = 0.4397 cubic yards per foot.
Reinforcing Steel = 36.0961 pounds per foot (on tangent.)
Top Slab: Cover = 3" Total Load = 1218 lbs. per sq. foot.
Dimensions to Reinforcing Steel refer to center lines.

REINFORCED CONCRETE
BOX 5'-0" X 5'-0"
SECTION XXXIII
FROM STATION 1+60 TO STATION 4+00
OF WILMINGTON AVE. LINE.
ALL CONCRETE TO BE CLASS A-1
SCALE 1/2"=1'

NOTES:

All reinforced concrete structures shall be Class "A-1" Concrete.

Weep holes ⅝" in diameter shall be placed in each sidewall and spaced not more than five feet each way.

Reviewed for Corrections — August 1941 A.T. Kincaid

GLEN AVENUE DRAINAGE SYSTEM

OF THE COUNTY OF LOS ANGELES, CALIFORNIA

DETAILS OF BOX SECTIONS

SECTIONS XVIII TO XXXIII

SHEET 20 OF 26 SHEETS

SCALE AS SHOWN — NOVEMBER 1936

ALFRED JONES — COUNTY SURVEYOR

RECOMMENDED: Chief Deputy — APPROVED: County Surveyor

REFERENCE				
		DESIGNED	E.E. Mitchell	NOV. 1933
		TRACED	G.R. Hornbrook	JAN. 1935
	Revised 12-10-36	CHECKED	R.L. Gregory	JAN. 1935

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A1 OF A10

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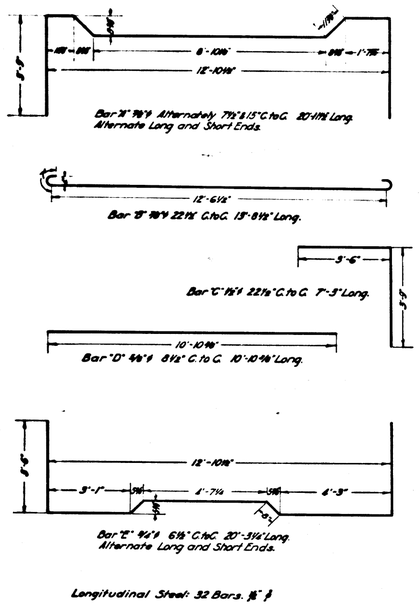

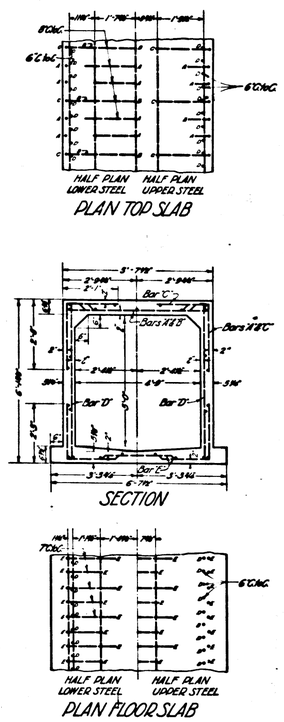

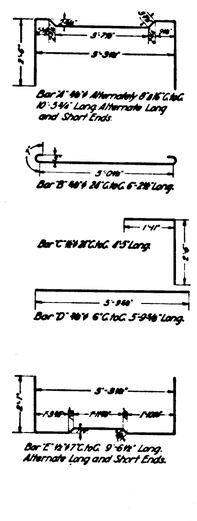

to Station 24+00 of Glen Ave. Trunk, Sheet 5
to to Station 11+12.63 Back = 1+88 Ahead of Glen Ave. Trunk, Sheet 5A
yards per Foot.
ds per Foot (on tangent.)
= 940 lbs. per sq. Foot.
reel refer to center lines.

CED CONCRETE
9'-0" x 11'-9"
TION XXX
88 TO STATION 24+00
STATION 11+12.63 BACK = 1+88 AHEAD
N AVE. TRUNK
TE TO BE CLASS A-1
SCALE ½" = 1'

Section XXXI from Station 33+95 to Station 37+07 of Wilmington Ave. Line. Sheet 15 & 16.
Total Length = 312 Feet
Class A1 Concrete = 0.6163 cubic yards per Foot
Reinforcing Steel = 54.3445 pounds per Foot (on tangent)
Top Slab: Cover = 3". Total Load = 1227 lbs per sq. foot.
Dimensions to Reinforcing Steel refer to center lines.

REINFORCED CONCRETE
BOX 5'-0" X 4'-9"
SECTION XXXI
FROM STATION 33+95 TO STATION 37+07.
OF WILMINGTON AVE. LINE
ALL CONCRETE TO BE CLASS A-1
SCALE ½" = 1'

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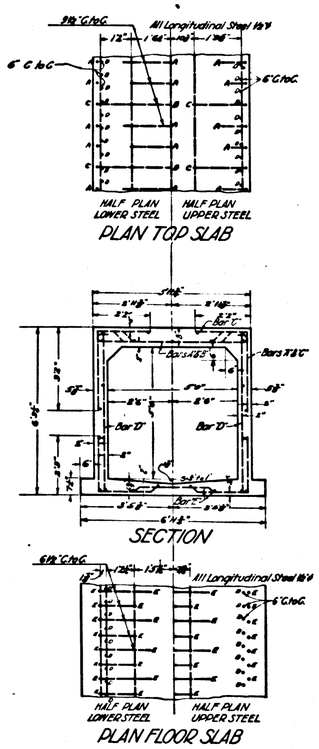
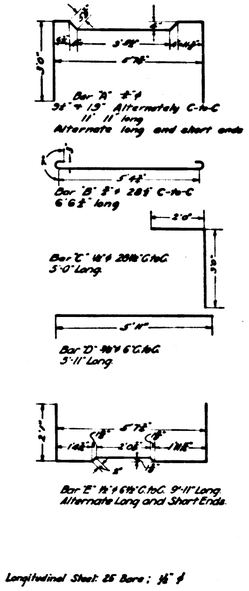
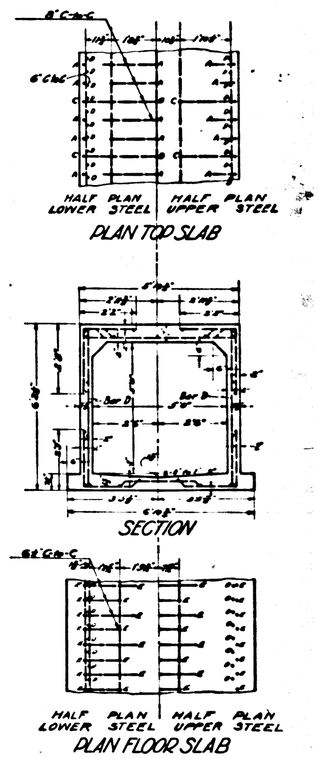
A2 OF A10





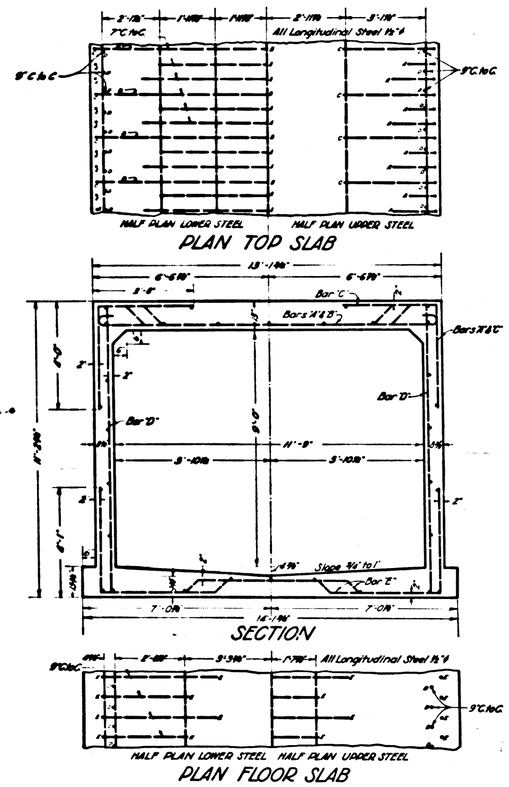
Section XXXII from Station 4+00 to Station 33+85 of Wilmington Ave. Line. Sheet 16.
Total Length = 2985 feet
Class A1 Concrete = 0.4800 cubic yards per Foot
Reinforcing Steel = 60.7592 pounds per Foot (on tangent.)
Top Slab: Cover = 8". Total Load = 1715 lbs. per sq. foot
Dimensions to Reinforcing Steel refer to center lines.

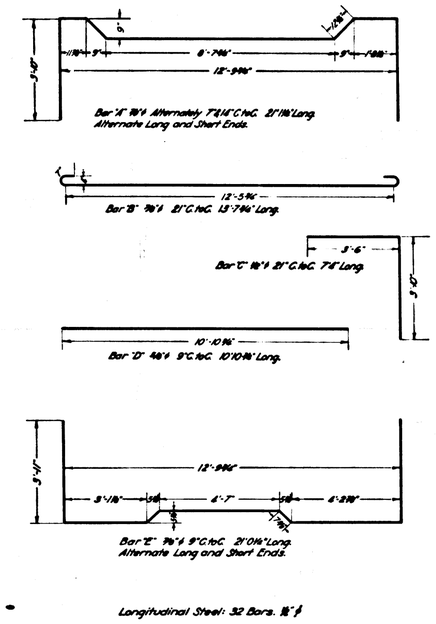
REINFORCED CONCRETE
BOX 5'-0" X 5'-0"
SECTION XXXII
FROM STATION 4+00 TO STATION 33+85
OF WILMINGTON AVE. LINE.
ALL CONCRETE TO BE CLASS A1
SCALE 1/2" = 1'



Section XXXIII from Station 1+60 to
Total Length = 240 Feet
Class A1 Concrete = 0.4397 cubic yards
Reinforcing Steel = 36.0961 pounds per
Top Slab: Cover = 3". Total Load = 121
Dimensions to Reinforcing Steel refe

REINFORCED
BOX 5'-
SECTION
FROM STATION 1+60
OF WILMING
ALL CONCRET
SCALE





Section XXIX from Station 24+00 to Station 59+00 of Glen Ave. Trunk, Sheet 5.
Total Length = 3500 feet
Class A-1 Concrete = 1.5230 cubic yards per foot
Reinforcing Steel = 182.3428 pounds per foot (on tangent)
Top Slab: Cover = 2. Total Load = 1067 lbs. per sq. foot.
Dimensions to Reinforcing Steel refer to center lines.

REINFORCED CONCRETE
BOX 9'-0" x 11'-9"
SECTION XXIX
FROM STATION 24+00 TO STATION 59+00
OF GLEN AVE. TRUNK
ALL CONCRETE TO BE CLASS A-1
SCALE 1/2" = 1'

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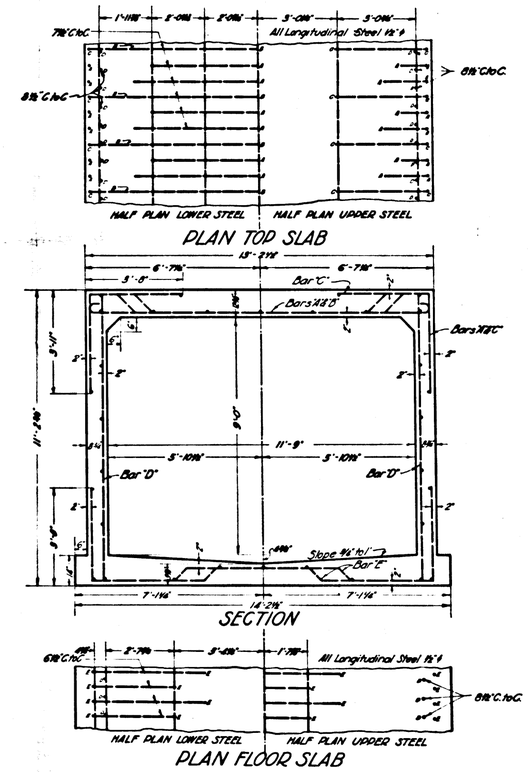
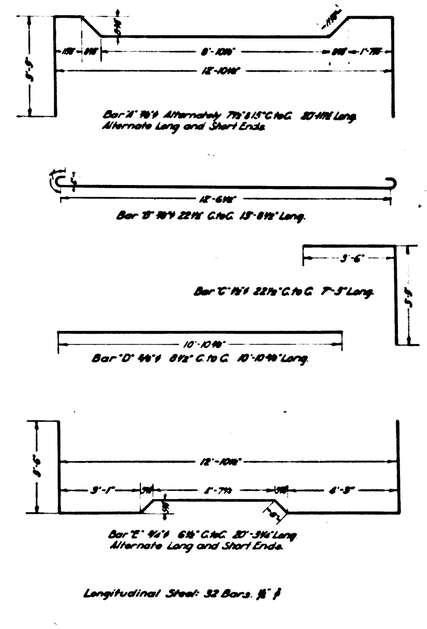
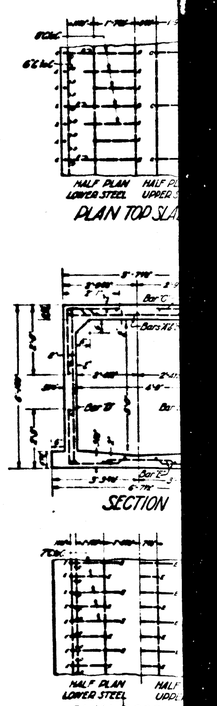




Section XXX from Station 1+88 to Station 24+00 of Glen Ave. Trunk, Sheet 5
Section XXX from Station 2+94.70 to Station 11+12.63 Back = 1+88 Ahead of Glen Ave. Trunk, Sheet 5A
Total Length = 3025.93 feet.
Class A-1 Concrete = 1.5345 cubic yards per foot.
Reinforcing Steel = 177.8287 pounds per foot (on tangent)
Top Slab: Cover = 3. Total Load = 940 lbs. per sq. foot.
Dimensions to Reinforcing Steel refer to center lines.

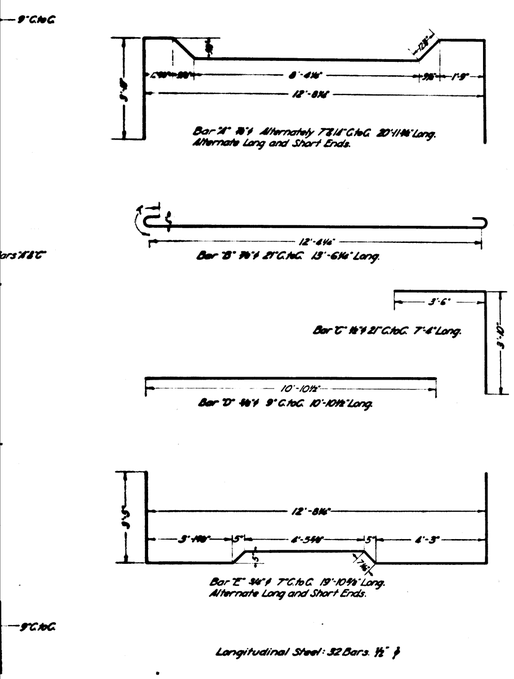
REINFORCED CONCRETE
BOX 9'-0" x 11'-9"
SECTION XXX
FROM STATION 1+88 TO STATION 24+00
FROM STATION 2+94.70 TO STATION 11+12.63 BACK = 1+88 AHEAD
OF GLEN AVE. TRUNK
ALL CONCRETE TO BE CLASS A-1
SCALE 1/2" = 1'

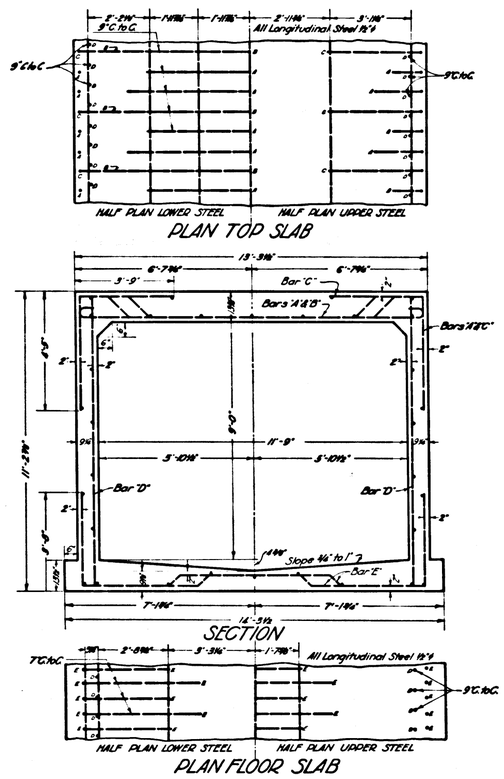


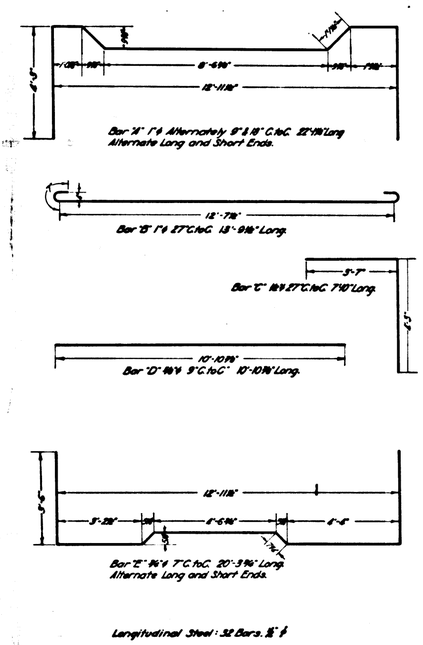
Section XXXI Fro
Total Length = 31
Class A-1 Concret
Reinforcing Stee
Top Slab: Cover =
Dimensions to R

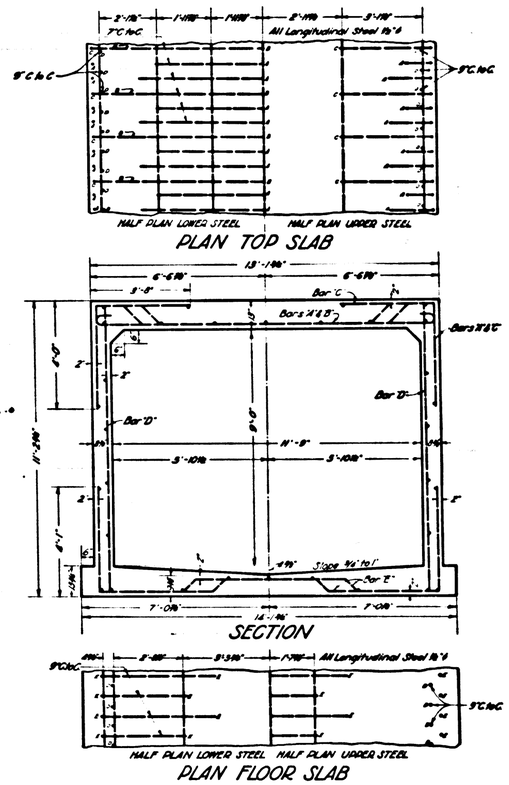
RE

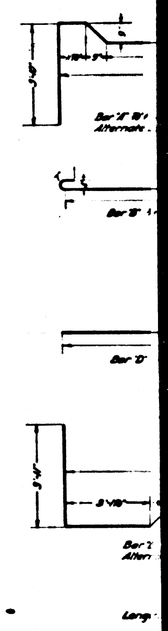
FROM STAT
OF











64+32 to Station 73+30 of Glen Ave. Trunk, Sheet 5.

ic yards per foot
ounds per foot (on tangent)
Load = 1138 lbs per sq. foot
Steel refer to center lines.

RCED CONCRETE
X 9'-0" X 11'-6"
CTION XXVII
64+32 TO STATION 73+30.
LEN AVE. TRUNK.
ONCRETE TO BE CLASS A-1
SCALE 1/2" = 1'

Section XXVIII from Station 59+00 to Station 64+22 of Glen Ave. Trunk, Sheet 5.
Total Length = 522 feet
Class A-1 Concrete = 1.5880 cubic yards per foot
Reinforcing Steel = 1758.549 pounds per foot (on tangent)
Top Slab: Cover = 1" Total Load = 1134 lbs. per sq. foot.
Dimensions to Reinforcing Steel refer to center lines.

REINFORCED CONCRETE
BOX 9'-0" X 11'-9"
SECTION XXVIII
FROM STATION 59+00 TO STATION 64+22
OF GLEN AVE. TRUNK
ALL CONCRETE TO BE CLASS A-1
SCALE 1/2" = 1'

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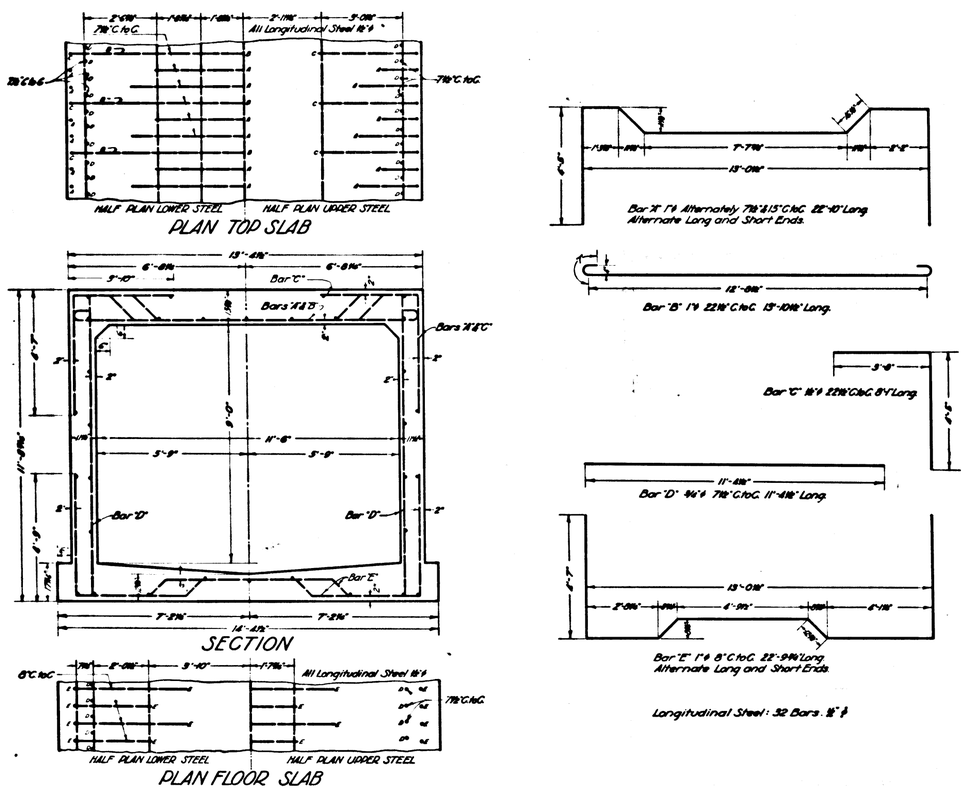
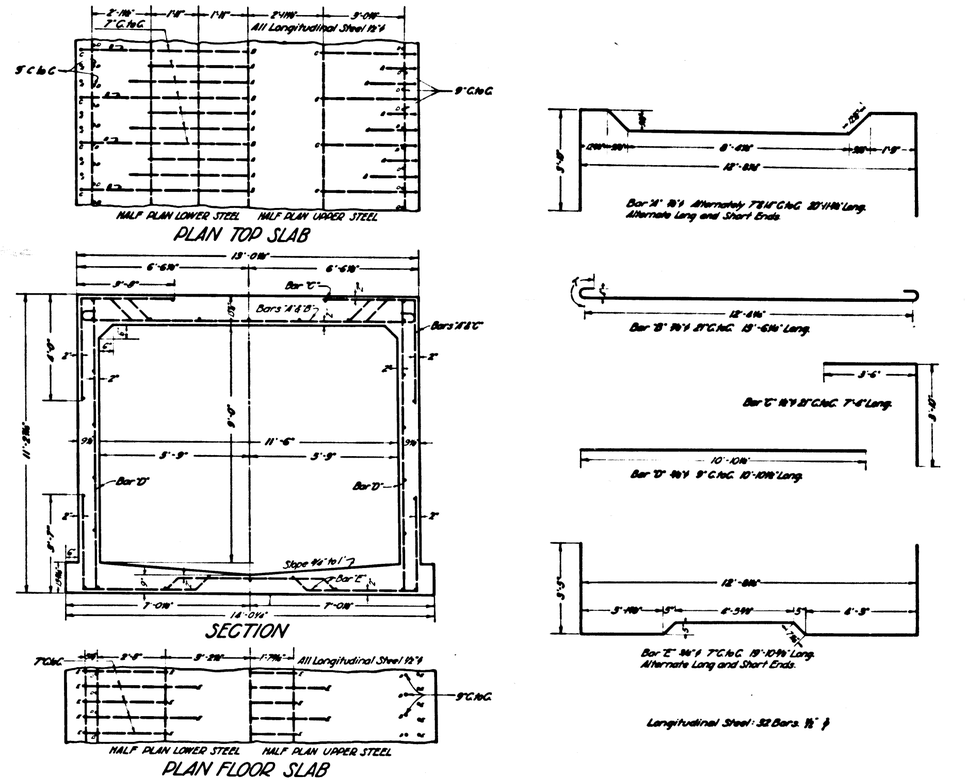
Section XXIX from Station 24+00 to Station 59+00 of Glen Ave. Trunk
Total Length = 3.500 feet
Class A-1 Concrete = 1.5230 cubic yards per foot
Reinforcing Steel = 182.3428 pounds per foot (on tangent)
Top Slab: Cover = 2. Total Load = 1067 lbs. per sq. foot.
Dimensions to Reinforcing Steel refer to center lines.

REINFORCED CONCRETE
BOX 9'-0" x 11'-9"
SECTION XXIX
FROM STATION 24+00 TO STATION 5
OF GLEN AVE. TRUNK
ALL CONCRETE TO BE CLASS A-1
SCALE 1/2" = 1'



Section XXVI from Station 73+30 to Station 73+55 of Glen Ave. Trunk, Sheet 5.
Total Length = 25 feet
Class A-1 Concrete = 19.495 cubic yards per foot.
Reinforcing Steel = 261.0818 pounds per foot (on tangent.)
Top Slab: Cover = 2". Total Load = 1648 lbs. per sq. foot.
Dimensions to Reinforcing Steel refer to center lines.

REINFORCED CONCRETE
BOX 9'-0" X 11'-6"
SECTION XXVI
FROM STATION 73+30 TO STATION 73+55
OF GLEN AVE. TRUNK.
ALL CONCRETE TO BE CLASS A-1
SCALE 1/2"=1'



Section XXVII from Station 64+32 to Station 73+30 of Glen Ave. Trunk, Sheet 5.
Total Length = 898 feet
Class A-1 Concrete = 15.432 cubic yards per foot
Reinforcing Steel = 175.5875 pounds per foot (on tangent)
Top Slab: Cover = 1". Total Load = 1138 lbs. per sq. foot
Dimensions to Reinforcing Steel refer to center lines.

REINFORCED CONCRETE
BOX 9'-0" X 11'-6"
SECTION XXVII
FROM STATION 64+32 TO STATION 73+30.
OF GLEN AVE. TRUNK.
ALL CONCRETE TO BE CLASS A-1
SCALE 1/2"=1'

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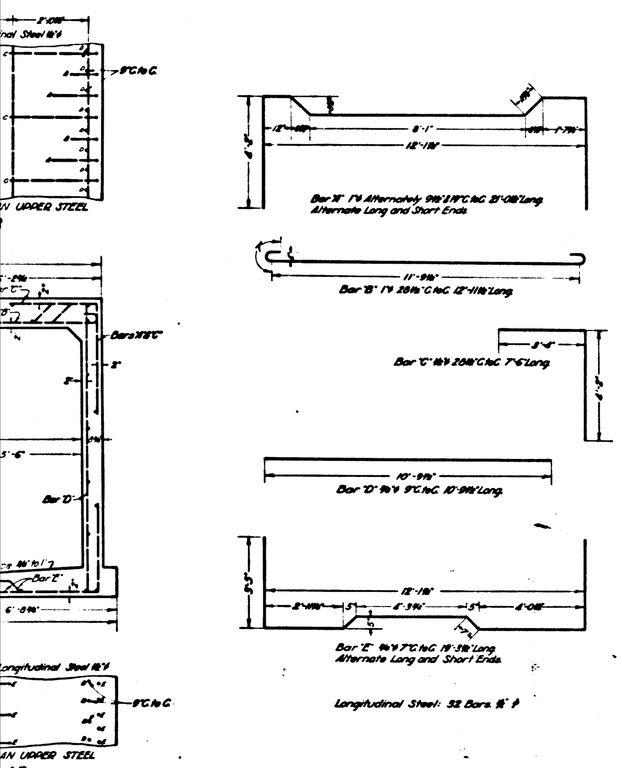
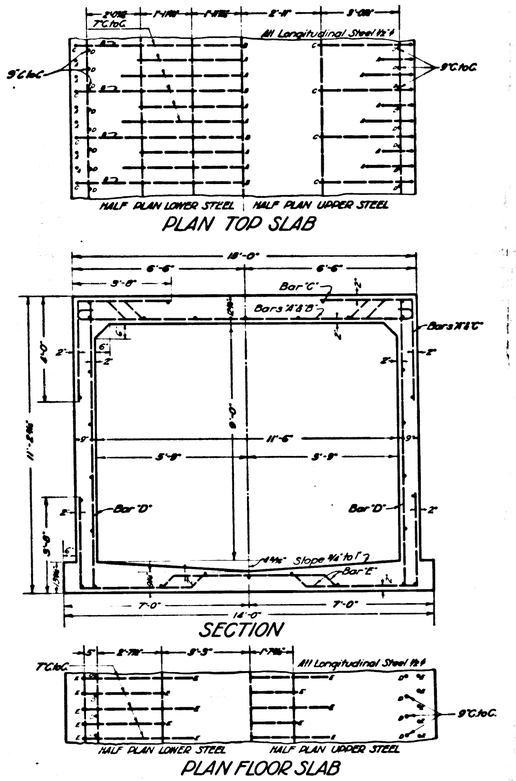
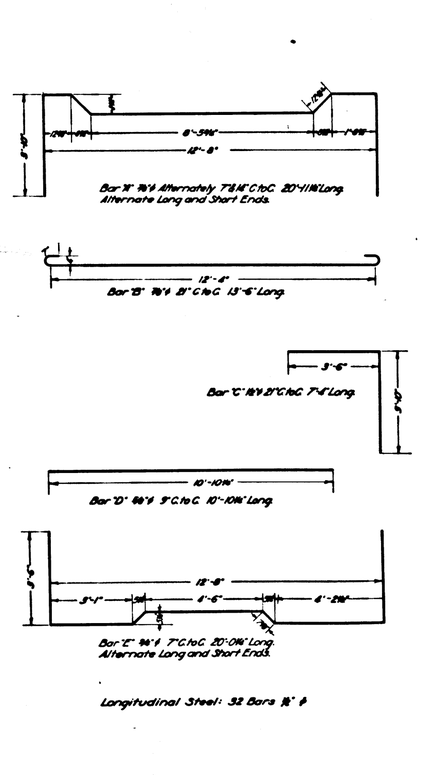
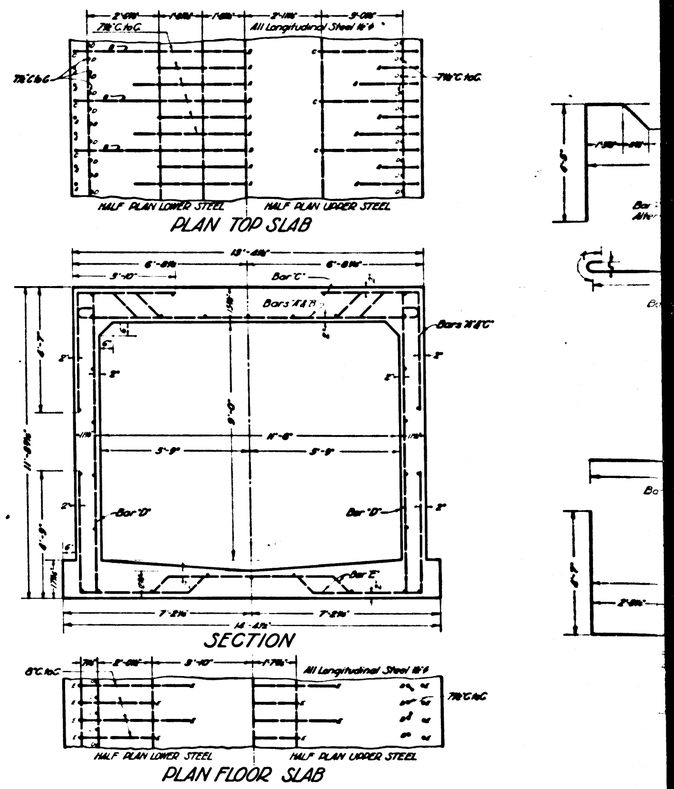
A5 OF A10









Section XXIV from Station 84+68.91 to Station 105+17.70 of Glen Ave. Trunk, Sheet 5.
Length = 2048.79 feet
Concrete = 14463 cubic yards per foot
Steel = 1694017 pounds per foot (on tangent)
Top: Cover = 2". Total Load = 1095 lbs. per sq. foot.
Dimensions to Reinforcing Steel refer to center lines.

REINFORCED CONCRETE BOX 9'-0" X 11'-0" SECTION XXIV

STATION 84+68.91 TO STATION 105+17.70
OF GLEN AVE. TRUNK

ALL CONCRETE TO BE CLASS A-1
SCALE 1/2" = 1'

Section XXV from Station 73+55.00 to Station 84+59.58 of Glen Ave. Trunk, Sheet 5.
Total Length = 1104.58 feet
Class A-1 Concrete = 15304 cubic yards per foot
Reinforcing Steel = 1727798 pounds per foot (on tangent.)
Top Slab: Cover = 2". Total Load = 1069 lbs. per sq. foot
Dimensions to Reinforcing Steel refer to center lines.

REINFORCED CONCRETE BOX 9'-0" X 11'-6" SECTION XXV

FROM STATION 73+55.00 TO STATION 84+59.58.
OF GLEN AVE. TRUNK

ALL CONCRETE TO BE CLASS A-1
SCALE 1/2" = 1'

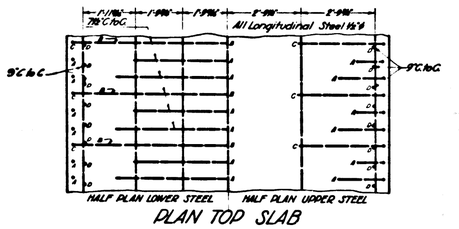
Section XXVI from Station 73+30 to Station 73+55 of Glen Ave.
Total Length = 2.5 feet
Class A-1 Concrete = 1.3435 cubic yards per foot
Reinforcing Steel = 261.0818 pounds per foot (on tangent.)
Top Slab: Cover = 2". Total Load = 1648 lbs. per sq. foot.
Dimensions to Reinforcing Steel refer to center lines.

REINFORCED CONCRETE BOX 9'-0" X 11'-6" SECTION XXVI

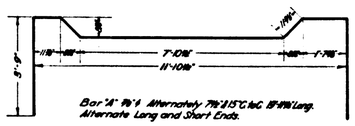
FROM STATION 73+30 TO STATION
OF GLEN AVE. TRUNK.

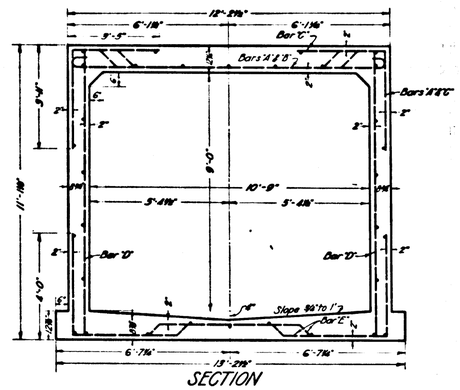
ALL CONCRETE TO BE CLASS A-1
SCALE 1/2" = 1'

CSB-1171-20
A6 OF A10

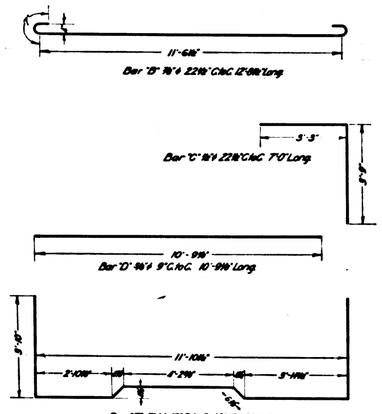


PLAN TOP SLAB

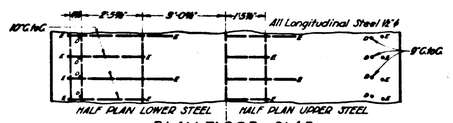




SECTION



Longitudinal Steel: 32 Bars. 16"ϕ

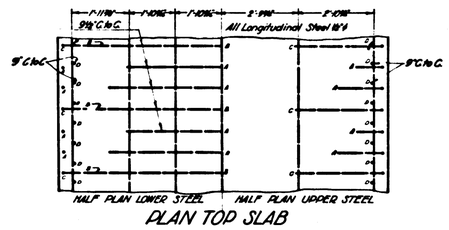


PLAN FLOOR SLAB

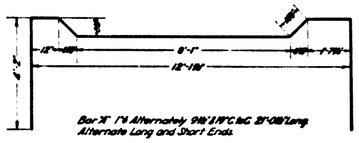
Section XXIII from Station 105+27.03 to Station 114+40.71 of Glen Ave. Trunk, Sheet 4.
Total Length = 917.65 Feet.
Class A1 Concrete = 1.4155 cubic yards per Foot.
Reinforcing Steel = 164.5749 pounds per Foot (on tangent)
Top Slab: Cover = 2". Total Load = 1108 lbs. per sq. foot.
Dimensions to Reinforcing Steel refer to center lines.

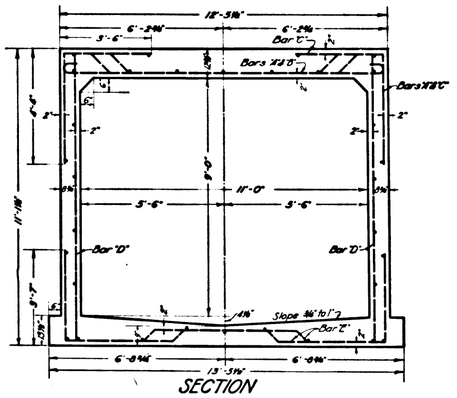
REINFORCED CONCRETE
BOX 9'-0" X 10'-9"
SECTION XXIII
FROM STATION 105+27.03 TO STATION 114+40.71
OF GLEN AVE. TRUNK
ALL CONCRETE TO BE CLASS A-1
SCALE 1/2" = 1'

CSB-1171-20
A7 OF A10

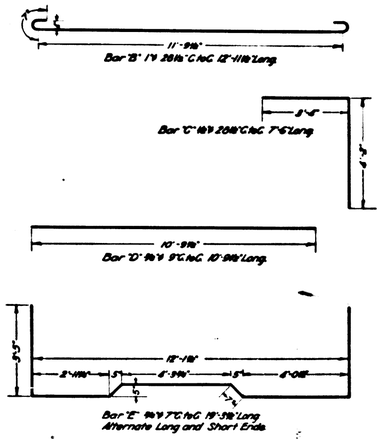


PLAN TOP SLAB

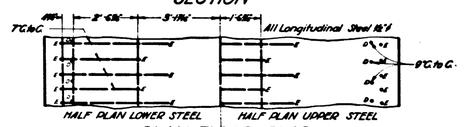




SECTION



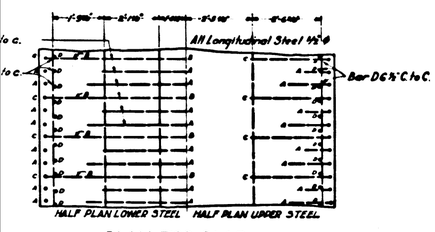
Longitudinal Steel: 32 Bars. 16"ϕ



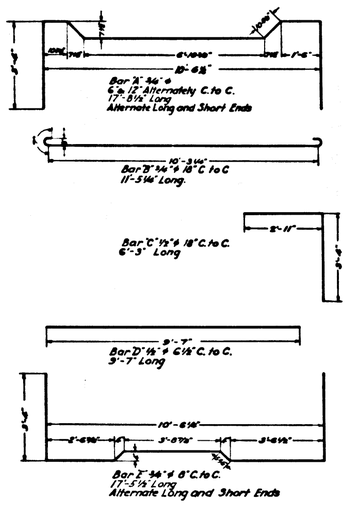
PLAN FLOOR SLAB

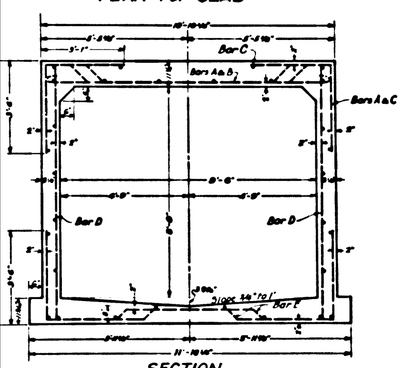
Section XXIV from Station 84+68.91 to Station 105+17.70 of Glen Ave. Trunk, Sheet 5.
Total Length = 2048.79 Feet.
Class A1 Concrete = 1.4463 cubic yards per Foot.
Reinforcing Steel = 169.4017 pounds per Foot (on tangent)
Top Slab: Cover = 2". Total Load = 1095 lbs. per sq. foot.
Dimensions to Reinforcing Steel refer to center lines.

REINFORCED CONCRETE
BOX 9'-0" X 11'-0"
SECTION XXIV
FROM STATION 84+68.91 TO STATION 105+17.70
OF GLEN AVE. TRUNK
ALL CONCRETE TO BE CLASS A-1
SCALE 1/2" = 1'

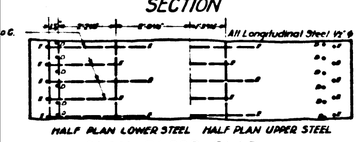


PLAN TOP SLAB





SECTION

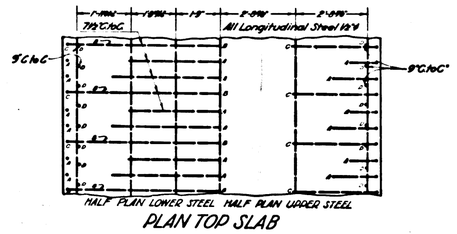


PLAN FLOOR SLAB

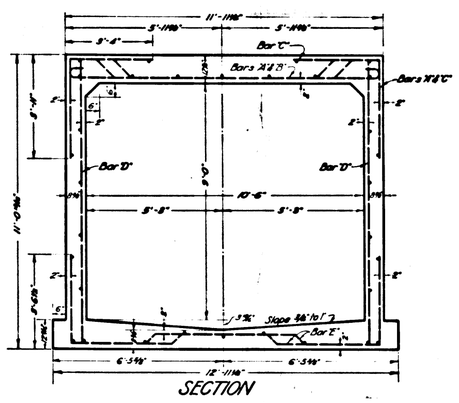
Longitudinal Steel: 30 Bars 1½" ϕ

Section XXI from Station 122+70 to Station 135+00 of Glen Ave. Trunk, Sheet 4.
Total Length 1230 Feet
Class A-1 Concrete = 1.6666 Cubic Yards per Foot
Reinforcing Steel = 137.4119 Pounds per Foot (on tangent)
Top Slab: Cover = 2". Total Load = 1204 Lbs. per Sq. Foot.
Dimensions to Reinforcing Steel refer to Center Lines.

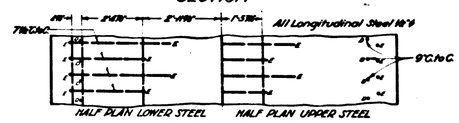
REINFORCED CONCRETE
BOX 8'-0" X 9'-6"
SECTION XXI
FROM STATION 122+70 TO STATION 135+00.
OF GLEN AVE. TRUNK.
ALL CONCRETE TO BE CLASS A-1
SCALE 1½" = 1'



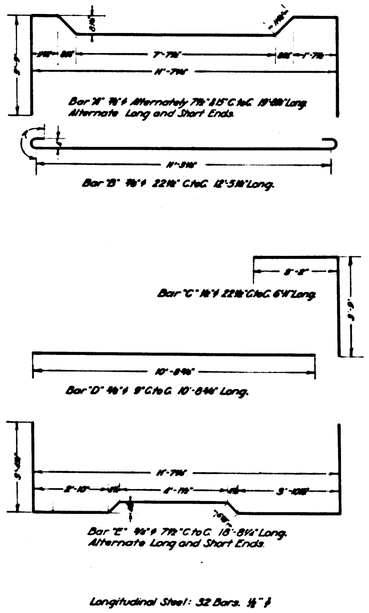
PLAN TOP SLAB



SECTION



PLAN FLOOR SLAB



Longitudinal Steel: 32 Bars. ½" ϕ

Section XXII from Station 114+50.71 to Station 122+60 of Glen Ave. Trunk, Sheet 4.
Total Length = 809.29 Feet.
Class A-1 Concrete = 1.3776 cubic yards per foot
Reinforcing Steel = 159.7538 pounds per foot (on tangent).
Top Slab: Cover = 1½". Total Load = 1159 lbs. per sq. foot.
Dimensions to Reinforcing Steel refer to center lines.

REINFORCED CONCRETE
BOX 9'-0" X 10'-6"
SECTION XXII
FROM STATION 114+50.71 TO STATION 122+60
OF GLEN AVE. TRUNK.
ALL CONCRETE TO BE CLASS A-1
SCALE 1½" = 1'

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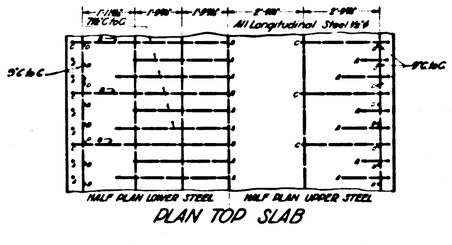
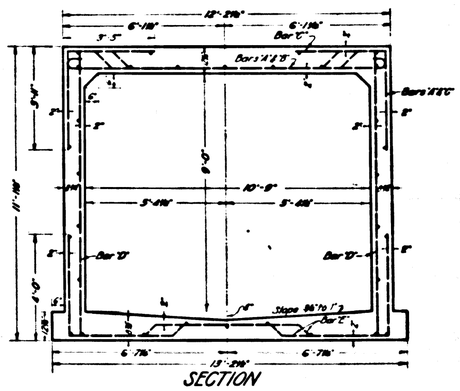
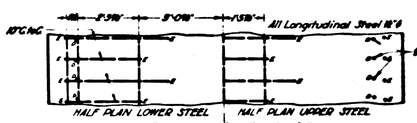


PLAN TOP SLAB



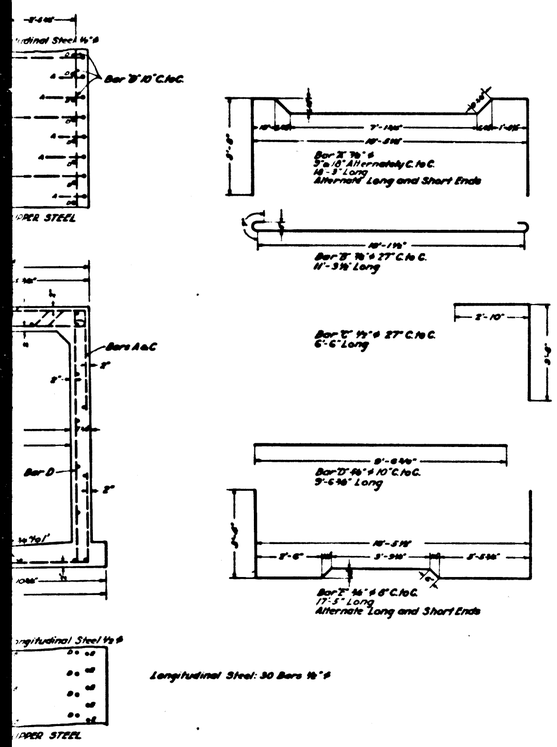
SECTION



PLAN FLOOR SLAB

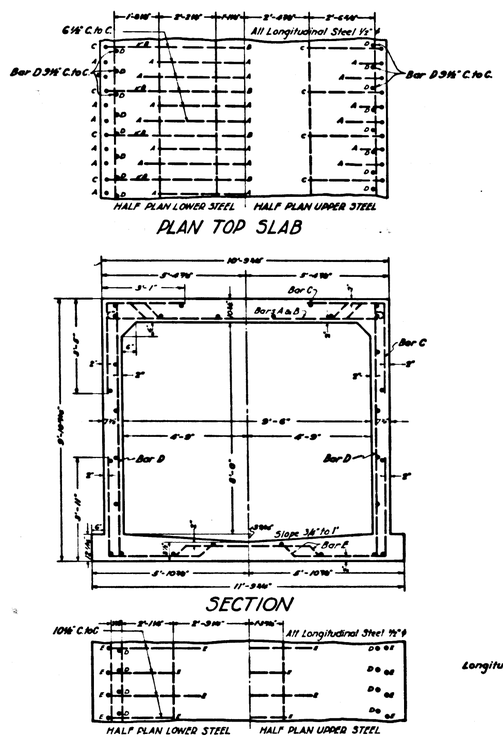
Section XXIII from Station 105+27.08 to
Total Length = 917.46 Feet
Class A-1 Concrete = 1.4155 cubic yards p
Reinforcing Steel = 146.6749 pounds pe
Top Slab: Cover = 2". Total Load = 1102
Dimensions to Reinforcing Steel re

REINFORCED
BOX 9'-
SECTION
FROM STATION 105+27.0
OF GLEN A
ALL CONCRET
SCALE



...on 164+20 of Glen Ave. Trunk, Sheet 4.
...Foot.
...Foot (on tangent)
...per Sq. Foot
...Center Lines.

FORCED CONCRETE
BOX 8'-0" X 9'-6"
SECTION XIX
ON 157+00 TO STATION 164+20
OF GLEN AVE. TRUNK
CONCRETE TO BE CLASS A-1
SCALE 1½"=1'



Section XX from Station 135+00 to Station 157+00 of Glen Ave. Trunk, Sheet 4.
Total Length 2200 Feet
Class A-1 Concrete = 1.1445 Cubic Yards per Foot
Reinforcing Steel = 137.7224 Pounds per Foot (on tangent)
Top Slab: Cover = 4". Total Load = 1024 Lbs. per Sq. Foot
Dimensions to Reinforcing Steel refer to Center Lines

REINFORCED CONCRETE
BOX 8'-0" X 9'-6"
SECTION XX
FROM STATION 135+00 TO STATION 157+00
OF GLEN AVE. TRUNK
ALL CONCRETE TO BE CLASS A-1
SCALE 1½"=1'

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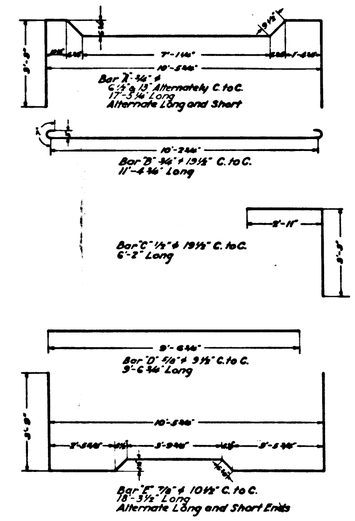
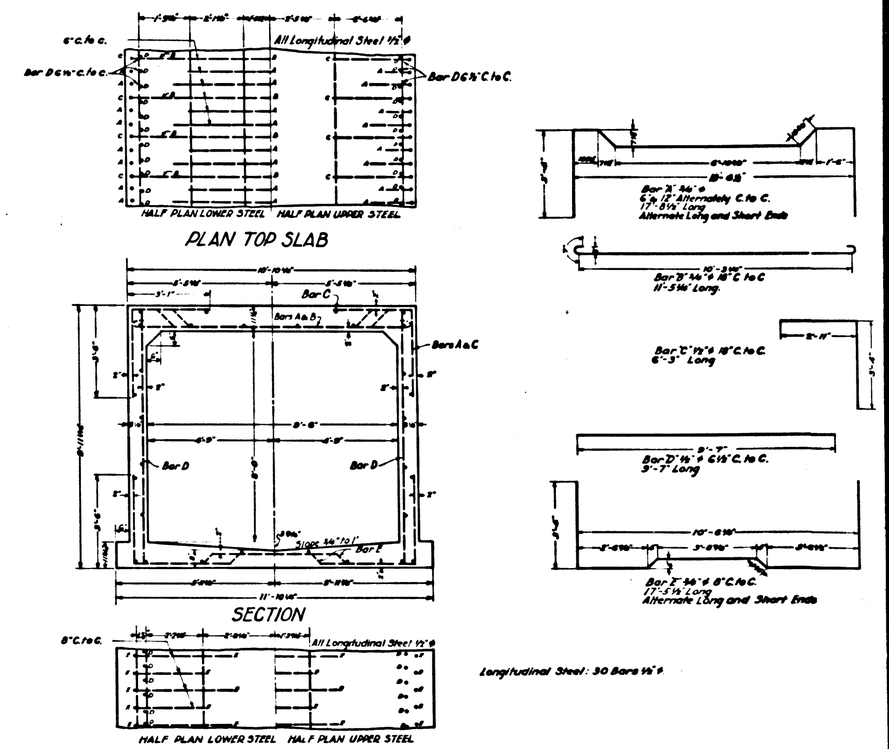
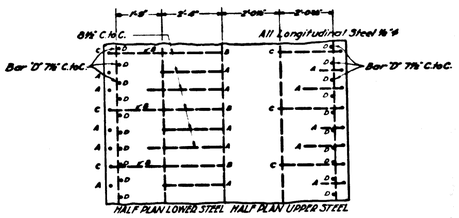


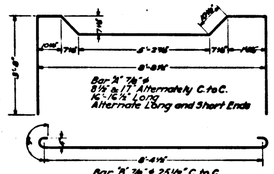


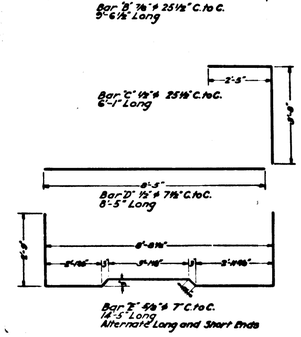
Section XXI from Station 122+70 to Station 135+00 of Glen Ave. Trunk, Sheet 4.
Total Length 1230 Feet
Class A-1 Concrete = 1.1666 Cubic Yards per Foot
Reinforcing Steel = 137.4119 Pounds per Foot (on tangent)
Top Slab: Cover = 2". Total Load = 1204 Lbs per Sq. Foot
Dimensions to Reinforcing Steel refer to Center Lines.

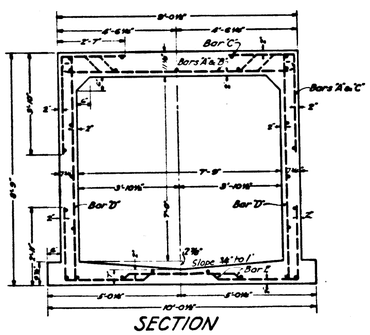
REINFORCED CONCRETE
BOX 8'-0" X 9'-6"
SECTION XXI
FROM STATION 122+70 TO STATION 135+00.
OF GLEN AVE. TRUNK.
ALL CONCRETE TO BE CLASS A-1
SCALE 1½"=1'



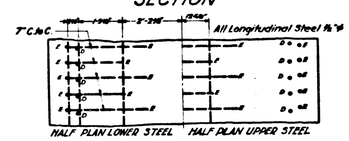
PLAN TOP SLAB







SECTION

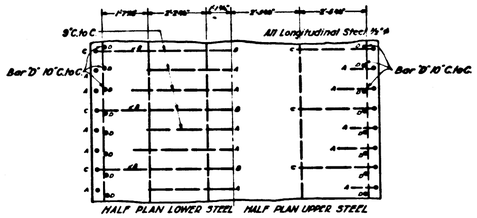


PLAN FLOOR SLAB

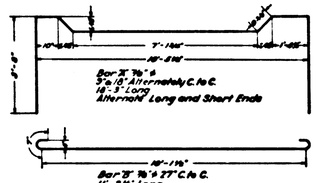
Longitudinal Steel: 27 Bars ½"ϕ

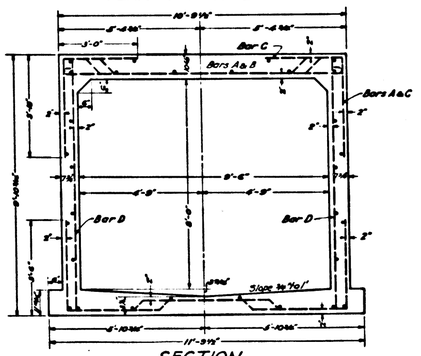
Section XVIII from Station 164+30 to Station 169+00 of Glen Ave. Trunk, Sheet 4.
Total Length 470 Feet.
Class A1 Concrete = 0.3263 Cubic Yards per Foot
Reinforcing Steel = 108.2872 Pounds per Foot (on tangent)
Top Slab: Cover = 1" Total Load = 167# Lbs. per Sq. Foot.
Dimensions to Reinforcing Steel refer to Center Lines.

REINFORCED CONCRETE
BOX 7'-0" X 7'-9"
SECTION XVIII
FROM STATION 164+30 TO STATION 169+00
OF GLEN AVE. TRUNK
ALL CONCRETE TO BE CLASS A1
SCALE ½"=1'

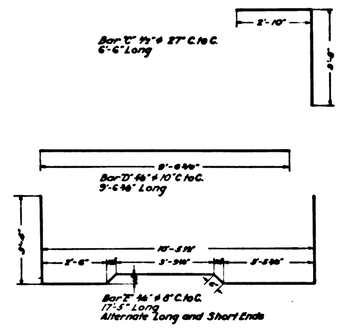


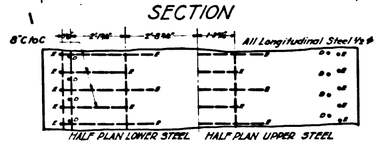
PLAN TOP SLAB





SECTION





PLAN FLOOR SLAB

Longitudinal Steel: 30 Bars ½"ϕ

Section XIX from Station 157+00 to Station 164+20 of Glen Ave. Trunk, Sheet 4.
Total Length 720 Feet
Class A1 Concrete = 1.1236 Cubic Yards per Foot.
Reinforcing Steel = 132.0039 Pounds per Foot. (on tangent)
Top Slab: Cover = 3". Total Load = 1013 Lbs. per Sq. Foot
Dimensions to Reinforcing Steel refer to Center Lines.

REINFORCED CONCRETE
BOX 8'-0" X 9'-6"
SECTION XIX
FROM STATION 157+00 TO STATION 164+20
OF GLEN AVE. TRUNK
ALL CONCRETE TO BE CLASS A1
SCALE ½"=1'

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