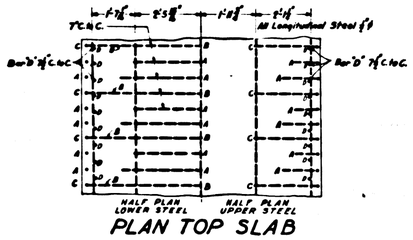
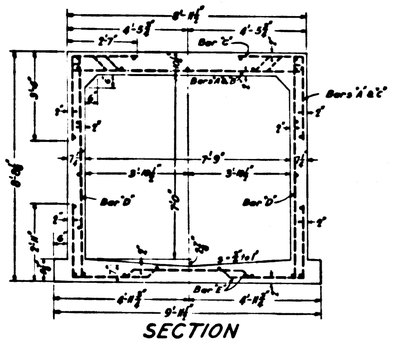
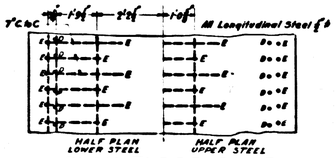


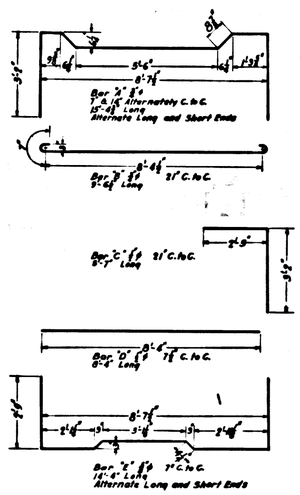
PLAN TOP SLAB



SECTION



PLAN FLOOR SLAB



Longitudinal Steel: 27 Bars

Section XVII from Station 169+00 to Station 175+00 of Glen Ave., Trunk Sheet 4
Total Length 600 Feet
Class A1 Concrete: 0.8751 Cubic Yards per Foot
Reinforcing Steel: 101.9103 Pounds per Foot (on Tangent)
Top Slab: Cover 2"; Total Load 1384 Lbs. per Sq. Foot
Dimensions to Reinforcing Steel refer to Center Lines

REINFORCED CONCRETE BOX 7'-0" x 7'-9" SECTION XVII

FROM STATION 169+00 TO STATION 175+00 OF GLEN AVE. TRUNK

ALL CONCRETE TO BE CLASS A1
SCALE ½" = 1'

Reviewed for Corrections
August 1941
A.T. Kincaid

CSB-1171-19
A1 OF A9

NOTES:

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

Weep holes 4½" 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 1 TO XVII

SHEET 19 OF 26 SHEETS

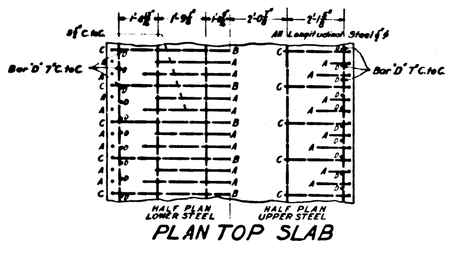
SCALE AS SHOWN — NOVEMBER 1935

ALFRED JONES — COUNTY SURVEYOR

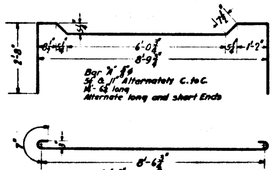
RECOMMENDED _____ CHIEF ENGINEER — APPROVED _____ COUNTY SURVEYOR

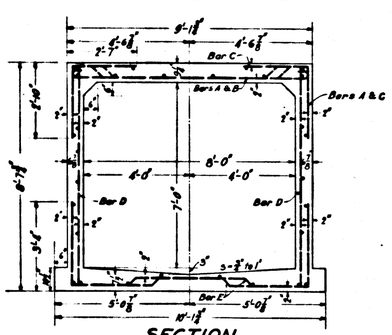
REFERENCE				
		DESIGNED	E.E. Mitchell	OCT. 1933
	Revised 6-20-35	TRACED	G.R. Hornbrook	DEC. 1934
		CHECKED	R.L. Gregory	JAN. 1935

19

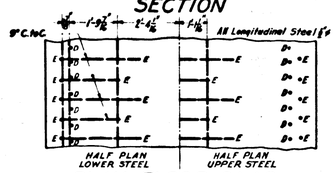


PLAN TOP SLAB





SECTION



PLAN FLOOR SLAB

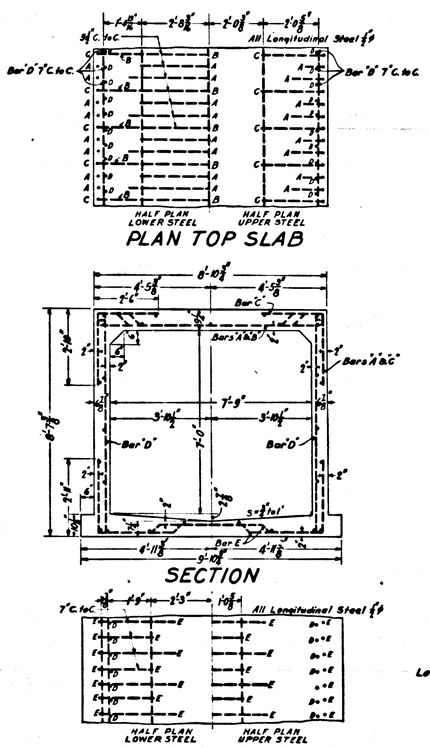
Longitudinal Steel : 28 Bars ½"ϕ

Section XV from Station 180+24 to Station 198+80 of Glen Ave., Trunk Sheet 4
Total Length 1856 Feet
Class A-1 Concrete: 0.8592 Cubic Yards per Foot
Reinforcing Steel: 104.5388 Pounds per Foot (on tangent)
Top Slab : Cover 4½", Total Load 981 Lbs. per Sq. Foot
Dimensions to Reinforcing Steel refer to Center Lines

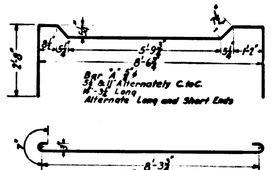
REINFORCED CONCRETE BOX 7'-0" x 8'-0" SECTION XV

FROM STATION 180+24 TO STATION 198+80 OF GLEN AVE. TRUNK

ALL CONCRETE TO BE CLASS A-1
SCALE ½"=1'



PLAN TOP SLAB



SECTION

PLAN FLOOR SLAB

Longitudinal Steel : 27 Bars ½"ϕ

Section XVI from Station 175+00 to Station 180+14 of Glen Ave., Trunk Sheet 4
Total Length 514 Feet
Class A1 Concrete: 0.8352 Cubic Yards per Foot
Reinforcing Steel 97.8689 Pounds per Foot (on Tangent)
Top Slab : Cover 4", Total Load 1069 Lbs. per Sq Foot
Dimensions to Reinforcing Steel refer to Center Lines

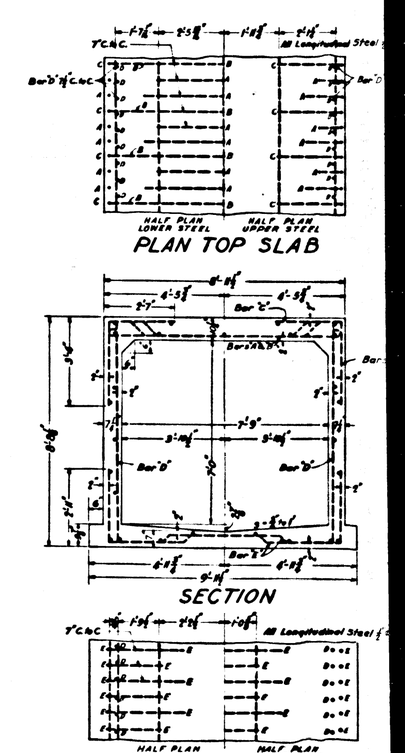
REINFORCED CONCRETE BOX 7'-0" x 7'-9" SECTION XVI

FROM STATION 175+00 TO STATION 180+14 OF GLEN AVE. TRUNK

ALL CONCRETE TO BE CLASS A-1
SCALE ½"=1'

Reviewed for Corrections
August 1941
A.T. Hincaid

CSB-1171-19
A2 OF A9



PLAN TOP SLAB

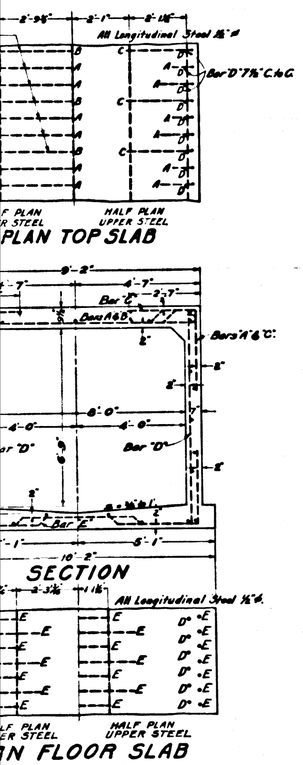
PLAN FLOOR SLAB

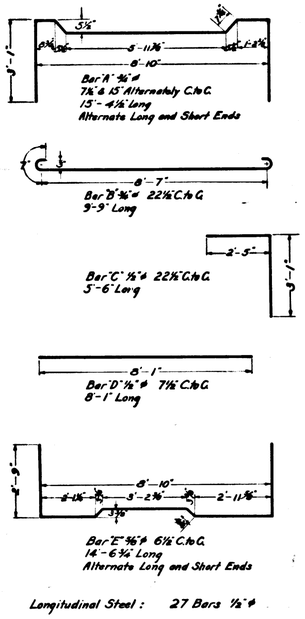
Section XVII from Station 169+00 to Station 175+0
Total Length 600 Feet
Class A1 Concrete: 0.8751 Cubic Yards per Foot
Reinforcing Steel: 101.9103 Pounds per Foot (on Tangent)
Top Slab : Cover 2", Total Load 1384 Lbs. per Sq
Dimensions to Reinforcing Steel refer to Center Lines

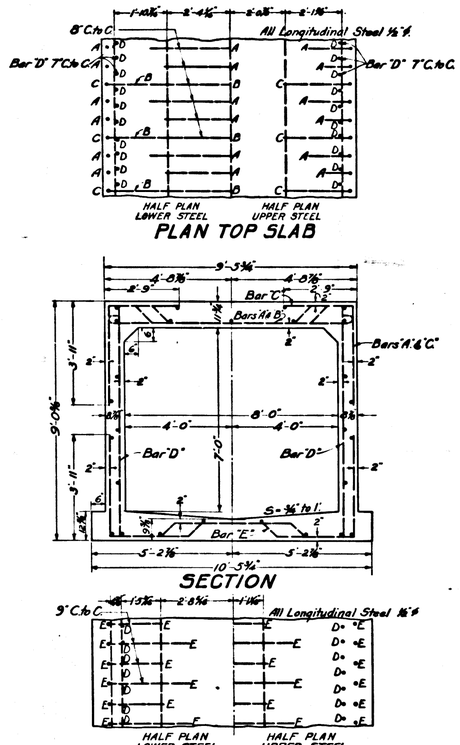
REINFORCED BOX 7'-0" SECTION

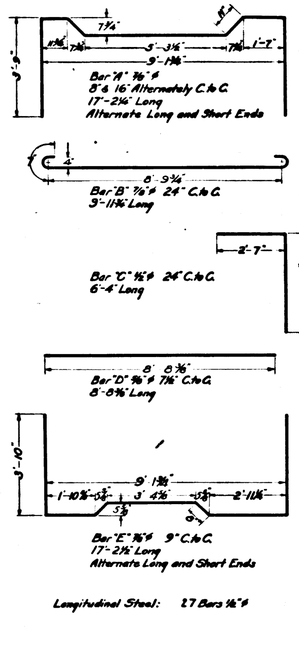
FROM STATION 169+0
OF GLEN AV
ALL CONCRETE T
SCALE ½

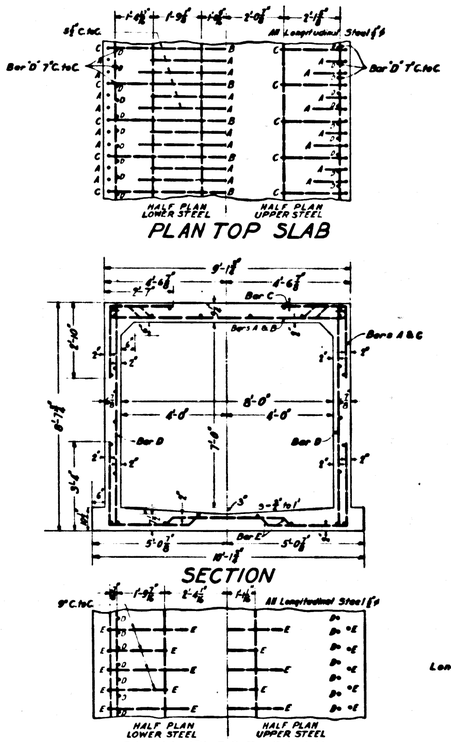
Reviewed for Corrections
August 1941
A.T. Hincaid

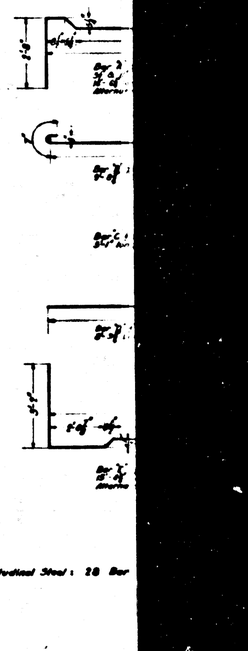












Section XIII from Station 199+97.04 to Station 202+00 of Glen Ave., Trunk, Sheet 4.
Total Length: 202.96 Feet
Concrete : 0.8583 Cubic Yards per Foot.
Steel: 101.2683 Pounds per Foot (on tangent).
Cover 4": Total Load 1058.75 Lbs. per Sq. Foot
Reinforcing Steel refer to Center Lines.

REINFORCED CONCRETE BOX 6'-9" × 8'-0" SECTION XIII

FROM STATION 199+97.04 TO STATION 202+00 OF GLEN AVE., TRUNK

ALL CONCRETE TO BE CLASS A-1
SCALE ½"=1'

Section XIV from Station 198+80 to Station 199+87.71 of Glen Ave., Trunk Sheet 4
Total Length: 107.71 Feet
Class A-1 Concrete : 1.1079 Cubic Yards per Foot
Reinforcing Steel : 147.7926 Pounds per Foot (on Tangent)
Top Slab : Cover 4" to 9". Total Load 1795.38 Lbs. per Sq. Foot
Dimensions to Reinforcing Steel refer to Center Lines

REINFORCED CONCRETE BOX 7'-0" × 8'-0" SECTION XIV

FROM STATION 198+80 TO STATION 199+87.71 OF GLEN AVE. TRUNK

ALL CONCRETE TO BE CLASS A-1
SCALE ½"=1'

Section XV from Station 180+24 to Station 198+80 of Glen Ave., Trunk Sheet 4
Total Length 1856 Feet
Class A-1 Concrete: 0.8592 Cubic Yards per Foot
Reinforcing Steel : 104.5388 Pounds per Foot (on tangent)
Top Slab : Cover 4½" Total Load 981 Lbs. per Sq. Foot
Dimensions to Reinforcing Steel refer to Center Lines

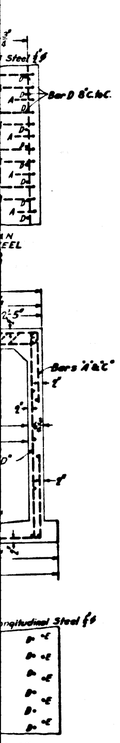
REINFORCED CONCRETE BOX 7'-0" × 8'-0" SECTION XV

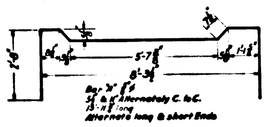
FROM STATION 180+24 TO STATION

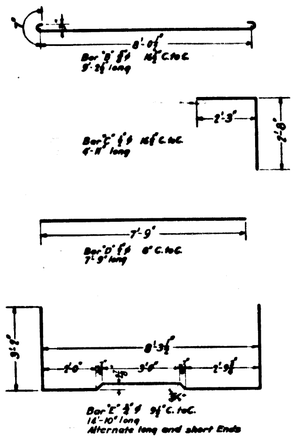
OF GLEN AVE. TRUNK

ALL CONCRETE TO BE CLASS A-1
SCALE ½"=1'

CSB-1171-19
A3 OF A9

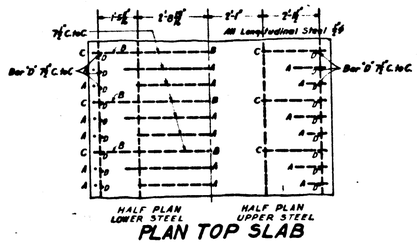




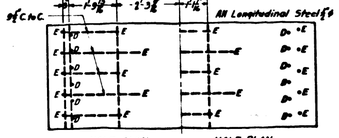


Longitudinal Steel : 27 Bars 5/8" ø

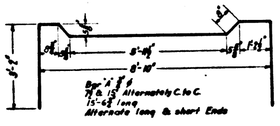
PLAN TOP SLAB

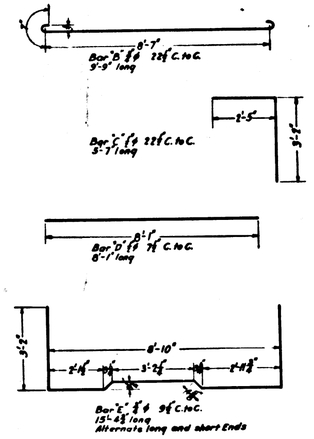


SECTION

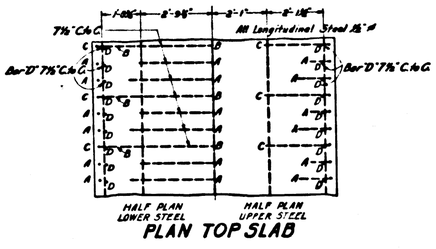


PLAN FLOOR SLAB

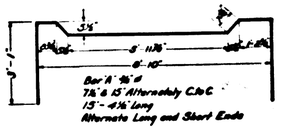


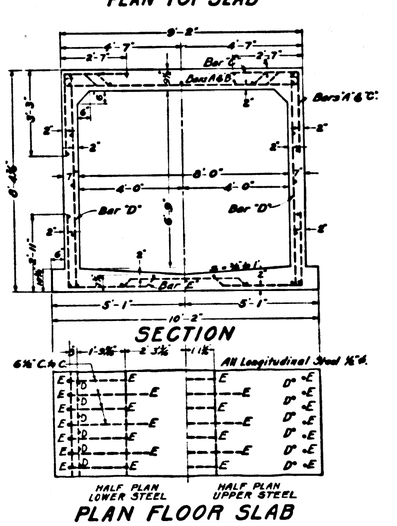


Longitudinal Steel : 27 Bars 5/8" ø

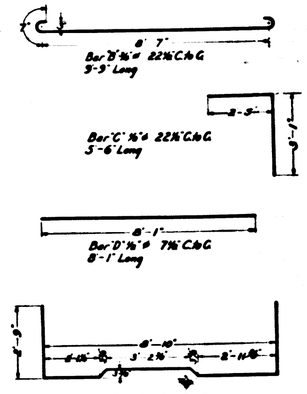


PLAN TOP SLAB





SECTION



Longitudinal Steel : 27 Bars 1¼" ø

PLAN FLOOR SLAB

to Station 212+43.42 of Glen Ave., Trunk, Sheet 4

per Foot
Foot (on Tangent)
/9 Lbs. per Sq. Foot
to Center Lines

FORCED CONCRETE
BOX 6'-6" x 7'-6"
SECTION XI
ON 211+10.39 TO STATION 212+43.42
GLEN AVE., TRUNK
ONCRETE TO BE CLASS A-1
SCALE ½"=1'

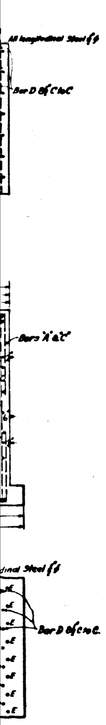
Section XII from Station 202+00 to Station 211+00.39 of Glen Ave., Trunk, Sheet 4
Total Length 900.39 Feet
Class A-1 Concrete : 0.8579 Cubic Yards per Foot
Reinforcing Steel : 102.6950 Pounds per Foot (on Tangent)
Top Slab : Cover 3" : Total Load 1087.82 Lbs. per Sq. Foot
Dimensions to Reinforcing Steel refer to Center Lines

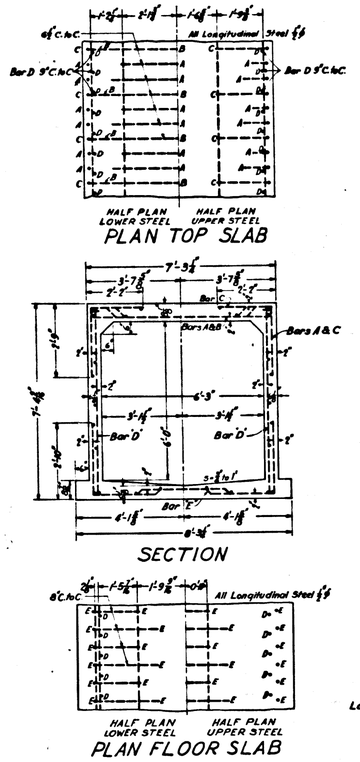
REINFORCED CONCRETE
BOX 6'-9" x 8'-0"
SECTION XII
FROM STATION 202+00 TO STATION 211+00.39
OF GLEN AVE., TRUNK
ALL CONCRETE TO BE CLASS A-1
SCALE ½"=1'

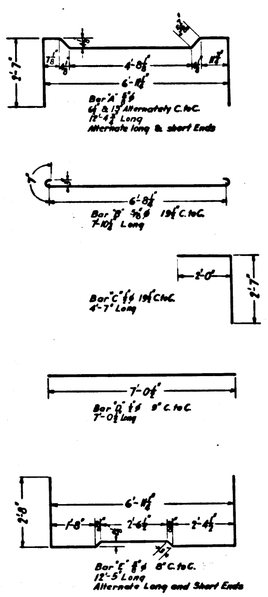
CSB-1171-19
A4 OF A9

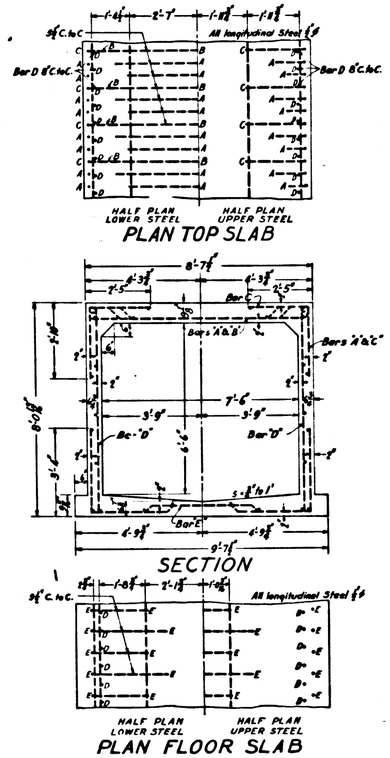
Section XIII from Station 199+97.04 to Station 202+00 of Glen Ave., Trunk, Sheet 4.
Total Length 202.96 Feet
Class A-1 Concrete : 0.8583 Cubic Yards per Foot
Reinforcing Steel : 101.2683 Pounds per Foot (on tangent).
Top Slab : Cover 4" : Total Load 1058.75 Lbs. per Sq. Foot
Dimensions to Reinforcing Steel refer to Center Lines.

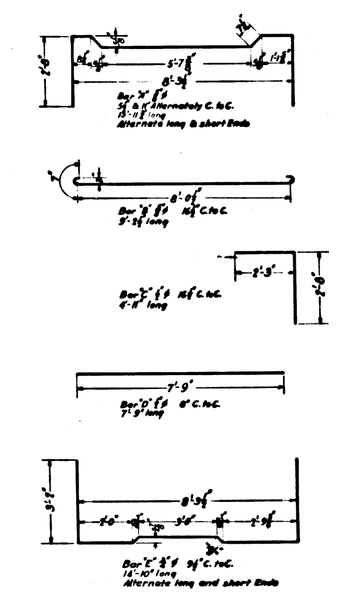
REINFORCED CONCRETE
BOX 6'-9" x 8'-0"
SECTION XIII
FROM STATION 199+97.04 TO STATION 202+00
OF GLEN AVE., TRUNK
ALL CONCRETE TO BE CLASS A-1
SCALE ½"=1'











Station 257+34.56 of Glen Ave. Trunk Sheet 3
Foot
(on Tangent)
s. per Sq. Foot
Center Lines

RETE

STATION 257+34.56
NK
CLASS A1

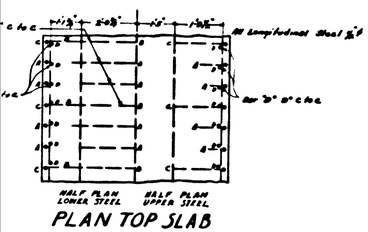
Section X from Station 212+52.75 to Station 223+00 of Glen Ave., Trunk, Sheet 3 & 4
Total Length 1047.25 Feet
Class A1 Concrete : 0.6115 Cubic Yards per Foot
Reinforcing Steel: 76.0025 Pounds per Foot (on Tangent)
Top Slab : Cover 3" : Total Load 1169.07 Lbs. per Sq. Foot.
Dimensions to Reinforcing Steel refer to Center Lines.

REINFORCED CONCRETE
BOX 6'-0" x 6'-3"
SECTION X
FROM STATION 212+52.75 TO STATION 223+00
OF GLEN AVE., TRUNK
ALL CONCRETE TO BE CLASS A1
SCALE ½"-1'

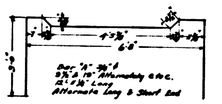
CSB-1171-19
A5 OF A9

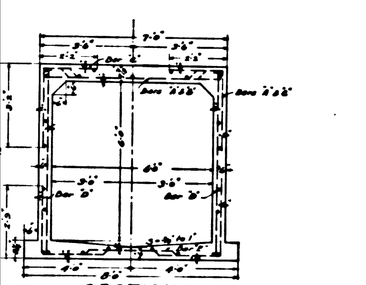
Section XI from Station 211+10.39 to Station 212+43.42 of Glen Ave., Trunk, Sheet 4
Total Length 133.03 Feet
Class A1 Concrete : 0.7782 Cubic Yards per Foot
Reinforcing Steel : 96.1652 Pounds per Foot (on Tangent)
Top Slab : Cover 3" : Total Load 1108.13 Lbs. per Sq. Foot
Dimensions to Reinforcing Steel refer to Center Lines

REINFORCED CONCRETE
BOX 6'-6" x 7'-6"
SECTION XI
FROM STATION 211+10.39 TO STATION 212+43.42
OF GLEN AVE., TRUNK
CONCRETE TO BE CLASS A1
SCALE ½"-1'

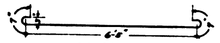


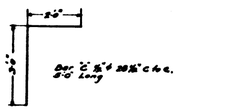
PLAN TOP SLAB

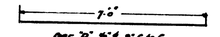


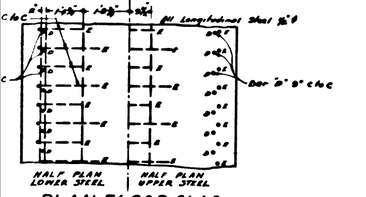


SECTION

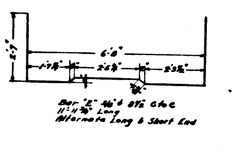








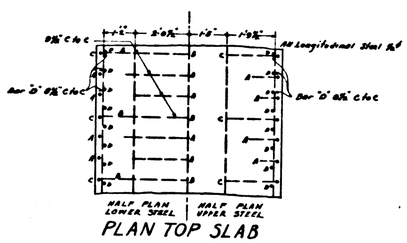
PLAN FLOOR SLAB



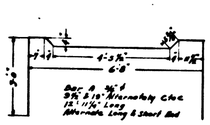
Longitudinal Steel 27 Bars ½"ϕ

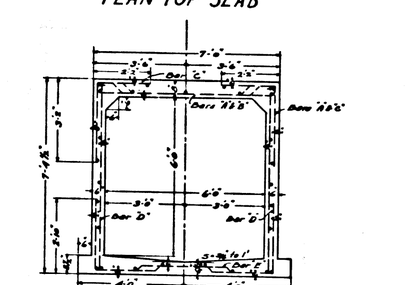
Section VII from Stations 257+43.98 To 259+00 & 270+00 To 270+03.47 of Glen Ave. Trunk Sheet 3
Length 659.49 Feet
Class A Concrete: 0.5845 Cubic Yards per Foot
Reinforcing Steel: 73.2564 Pounds per Foot (on tangent)
Top Slab: Cover 3": Total Load 1178.49 Lbs. per Sq. Ft.
Dimensions to Reinforcing Steel refer to Center Lines

REINFORCED CONCRETE
BOX 6'-0" x 6'-0"
SECTION VII
FROM STATION 257+43.98 TO 259+00 & 270+00 TO 275+03.47
OF GLEN AVE TRUNK
ALL CONCRETE TO BE CLASS A-1
SCALE ½"-1'-0"

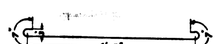


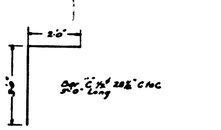
PLAN TOP SLAB

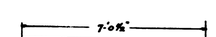


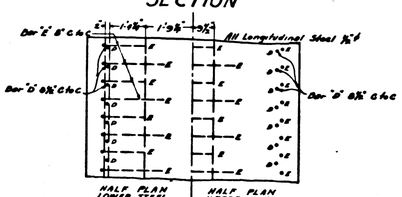


SECTION

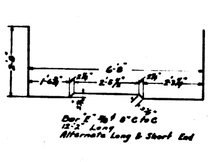








PLAN FLOOR SLAB

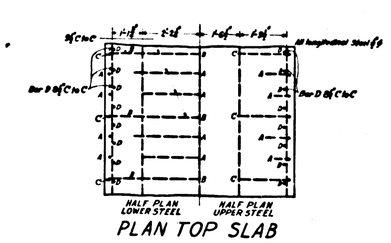


Longitudinal Steel 27 Bars ½"ϕ

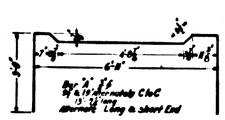
Section VIII from Station 259+00 To Station 270+00 of Glen Ave. Trunk Sheet 3
Total Length 1100.00 Feet
Class A Concrete: 0.5934 Cubic Yards per Foot
Reinforcing Steel: 75.5016 Pounds per Foot (on tangent)
Top Slab: Cover 4": Total Load 1201.5 Lbs. per Sq. Ft.
Dimensions to Reinforcing Steel refer to Center Lines

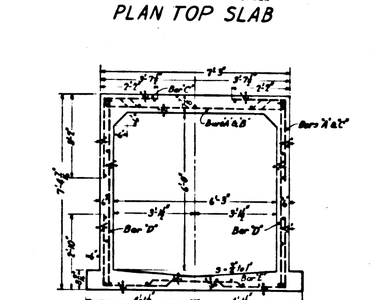
REINFORCED CONCRETE
BOX 6'-0" x 6'-0"
SECTION VIII
FROM STATION 259+00 TO STATION 270+00
ON GLEN AVE TRUNK
ALL CONCRETE TO BE CLASS A-1
SCALE ½"-1'-0"

CSB-1171-19
A6 OF A9

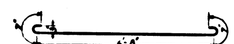


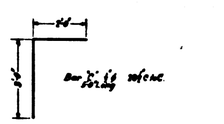
PLAN TOP SLAB

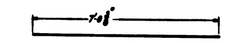


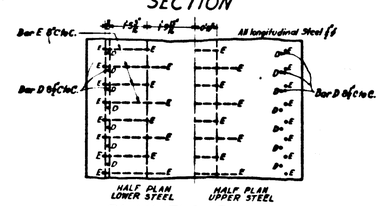


SECTION

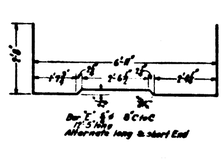








PLAN FLOOR SLAB

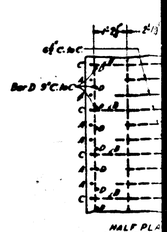


Longitudinal Steel 27 Bars fy

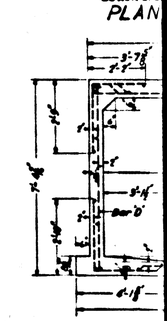
34+23.36

Section IX from Station 223+00 to Station 257+34.56 of Glen Ave. Trunk Sheet 3
Total Length 3434.56 Feet
Class A Concrete: 0.6036 Cubic Yards per Foot
Reinforcing Steel: 75.0791 Pounds per Foot (on Tangent)
Top Slab: Cover 4": Total Load 1088.46 Lbs. per Sq. Foot
Dimensions to Reinforcing Steel refer to Center Lines

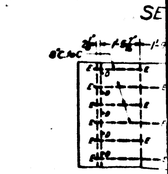
REINFORCED CONCRETE
BOX 6'-0" x 6'-3"
SECTION IX
FROM STATION 223+00 TO STATION 257+34.56
ON GLEN AVE., TRUNK
ALL CONCRETE TO BE CLASS A1
SCALE ½"-1'



PLAN

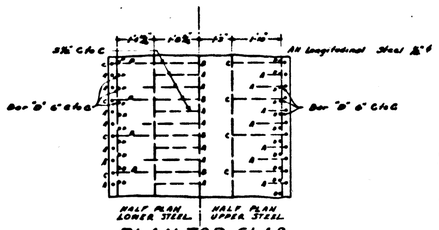


SE

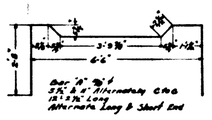


Section X from Statio
Total Length 1047.25
Class A Concrete: 0.611
Reinforcing Steel: 76.00
Top Slab: Cover 3": To
Dimensions to Reinforcin

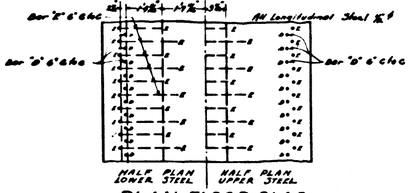
FRO



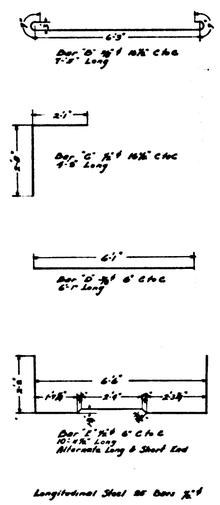
PLAN TOP SLAB



SECTION



PLAN FLOOR SLAB

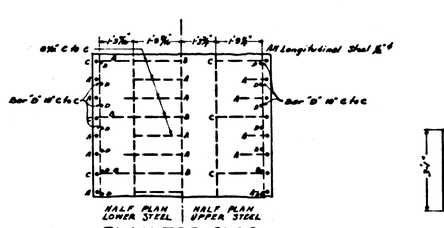


Longitudinal Steel 85 Bars ⅝" ϕ

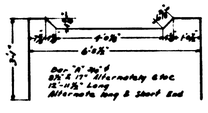
Section V from Station 276+46.20 to Station 280+00 of Glen Ave. Trunk, Sheet 3
Total Length: 362.50 Feet
Class A1 Concrete: 0.5765 Cubic Yards per Foot
Reinforcing Steel: 70.3687 (Pounds per Foot (on tangent)
Top Slab Cover 1'-6"; Total Load 1930.63 Lbs per Sq Ft
Dimensions to Reinforcing Steel refer to Center Lines

REINFORCED CONCRETE BOX 5'-0" x 5'-9"
SECTION V
FROM STATION 276+37.50 TO STATION 280+00 OF GLEN AVE TRUNK

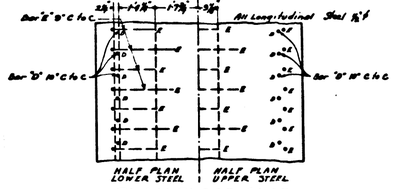
ALL CONCRETE TO BE CLASS A1
SCALE ⅜" = 1'-0"



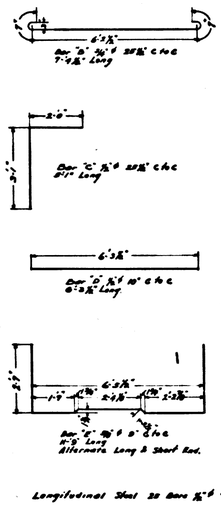
PLAN TOP SLAB



SECTION



PLAN FLOOR SLAB



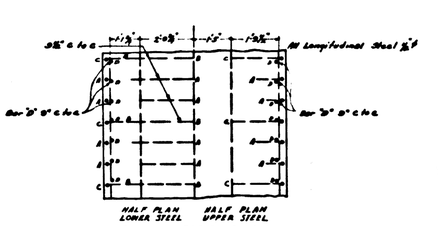
Longitudinal Steel 88 Bars ⅝" ϕ

Section VI from Station 275+12.87 To Station 276+36.87 of Glen Ave Trunk, Sheet 3
Total Length 109.63 Feet
Class A1 Concrete: 0.5632 Cubic Yards per Foot
Reinforcing Steel 70.9414 Pounds per Foot (on tangent)
Top Slab Cover 2'; Total Load 1635.82 Lbs per Sq Ft
Dimensions to Reinforcing Steel refer to Center Lines

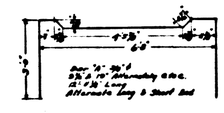
REINFORCED CONCRETE BOX 5'-3" x 5'-9"
SECTION VI
FROM STATION 275+12.87 TO STATION 276+22.50 OF GLEN AVE TRUNK

ALL CONCRETE TO BE CLASS A1
SCALE ½" = 1'-0"

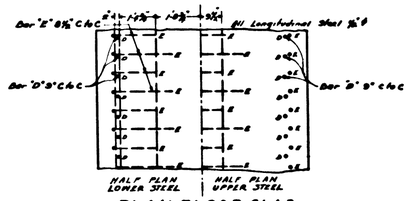
CSB-1171-19
A7 OF A9



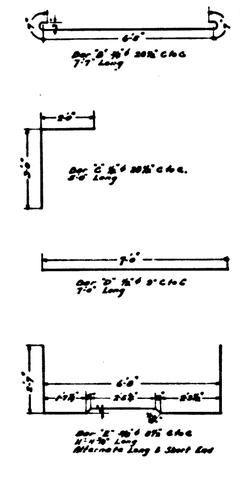
PLAN TOP SLAB



SECTION



PLAN FLOOR SLAB

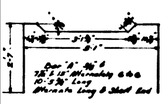


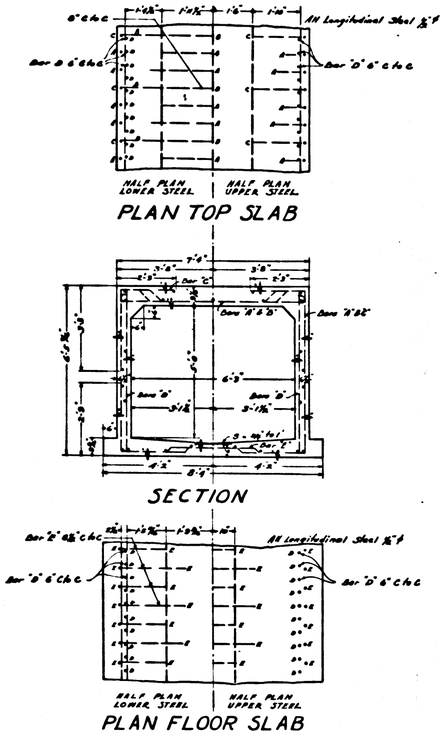
Longitudinal Steel 87 Bars ⅝" ϕ

Section VII from Stations 257+43.98 To 259+00 & 270+00 To 270+03.87 of Glen Ave Trunk, Sheet 3
Total Length 659.89 Feet
Class A1 Concrete: 0.5845 Cubic Yards per Foot
Reinforcing Steel: 73.2564 Pounds per Foot (on tangent)
Top Slab Cover 3'; Total Load 1178.49 Lbs per Sq Ft
Dimensions to Reinforcing Steel refer to Center Lines

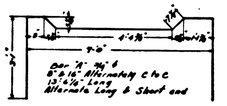
REINFORCED CONCRETE BOX 6'-0" x 6'-0"
SECTION VII
FROM STATION 257+43.98 TO 259+00 & 270+00 TO 275+03.47 OF GLEN AVE TRUNK

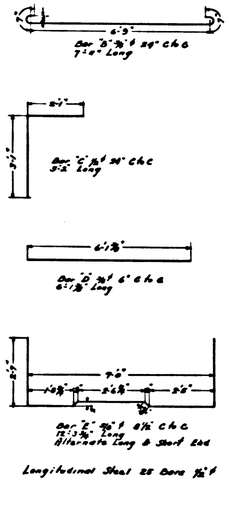
ALL CONCRETE TO BE CLASS A1
SCALE ⅜" = 1'-0"





PLAN TOP SLAB





SECTION

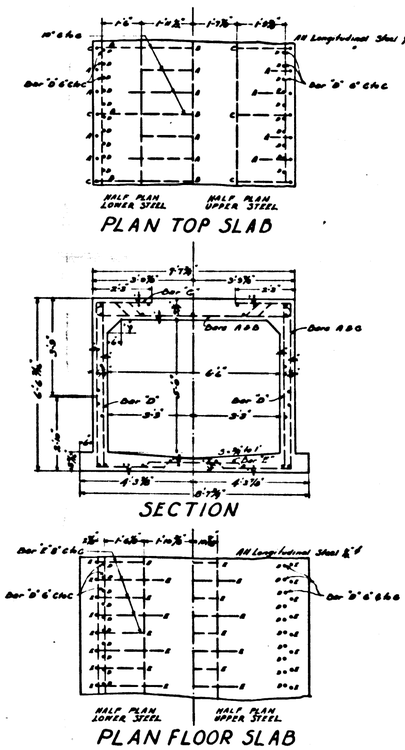
PLAN FLOOR SLAB

Section III from Station 292+28 to Station 302+78 of Glen Ave. Trunk, Sheet 3
Total Length 1050.00 Feet
Class A1 Concrete 0.6079 Cubic Yards per Foot
Reinforcing Steel: 74.8012 Pounds per Foot (on tangent)
Top Slab: Cover 2"; Total Load 1579.07 Lbs per Sq. Ft.
Dimensions to Reinforcing Steel refer to Center Lines.

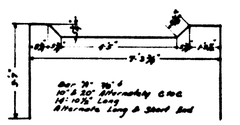
REINFORCED CONCRETE BOX 5'-0"x 6'-3" SECTION III

FROM STATION 292+28 TO STATION 302+78 OF GLEN AVE TRUNK

ALL CONCRETE TO BE CLASS A1
SCALE ½"=1'-0"

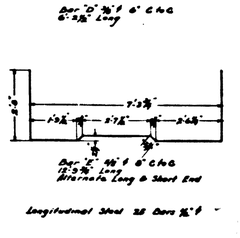


PLAN TOP SLAB



SECTION

PLAN FLOOR SLAB



Section IV from Station 280+10 to Station 292+18 of Glen Ave. Trunk, Sheet 3
Total Length 1208.00 Feet
Class A1 Concrete: 0.6589 Cubic Yards per Foot
Reinforcing Steel: 81.2689 Pounds per Foot (on tangent)
Top Slab: Cover 1'-6"; Total Load 1741.88 Lbs per Sq. Ft.
Dimensions to Reinforcing Steel refer to Center Lines

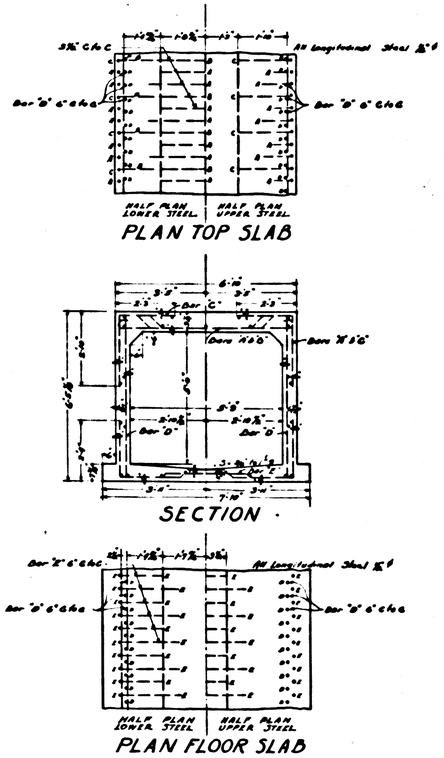
REINFORCED CONCRETE BOX 5'-0"x 6'-6" SECTION IV

FROM STATION 280+10 TO STATION 292+18 OF GLEN AVE TRUNK

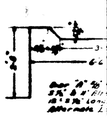
ALL CONCRETE TO BE CLASS A1
SCALE ½"=1'-0"

CSB-1171-19

A8 OF A9

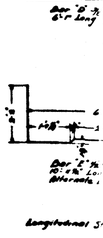


PLAN TOP SLAB



SECTION

PLAN FLOOR SLAB

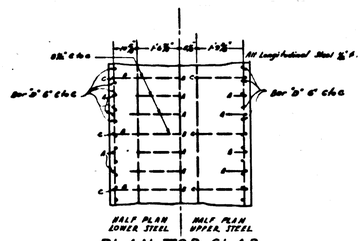


Section V from Station 276+46.20 to Station 280+00 of Glen Ave. Trunk, Sheet
Total Length 362.50 Feet
Class A1 Concrete: 0.5765 Cubic Yards per Foot
Reinforcing Steel: 70.3887 (Pounds per Foot (on tangent)
Top Slab Cover 1'-6"; Total Load 1930.63 Lbs per Sq. Ft.
Dimensions to Reinforcing Steel refer to Center Lines

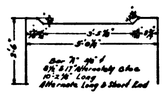
REINFORCED CONCRETE BOX 5'-0"x 5'-9" SECTION V

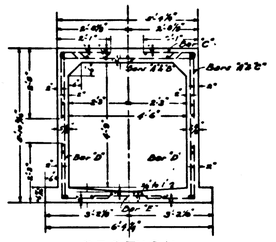
FROM STATION 276+37.50 TO STATION 280+00 OF GLEN AVE TRUNK

ALL CONCRETE TO BE CLASS A1
SCALE ½"=1'-0"

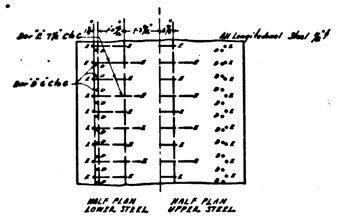


PLAN TOP SLAB

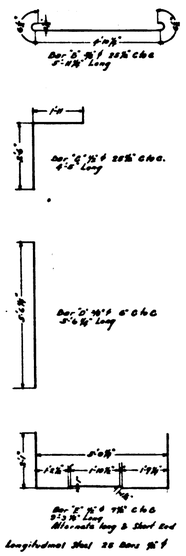




SECTION



PLAN FLOOR SLAB



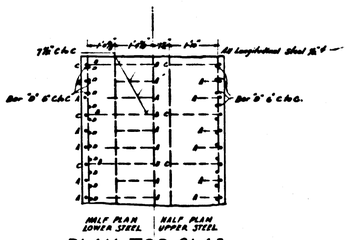
Section I from Station 303+90 to 316+00 and 321+00 to 333+93.94 of Glen Ave. Trunk, Sheets 2 & 3
Total Length 2603.94 Feet
Class A1 Concrete : 0.3844 Cubic Yards per Foot
Reinforcing Steel : 51.4303 Pounds per Foot (on tangent)
Top Slab : Cover 3" ; Total Load 1236.25 Lbs. per Sq. Foot
Dimensions to Reinforcing Steel refer to Center Lines

REINFORCED CONCRETE BOX 4'-9" x 4'-6" SECTION I

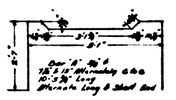
FROM STATION 303+90 TO 316+00 & 321+00 TO 333+93.94 OF GLEN AVE TRUNK

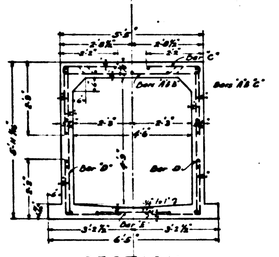
ALL CONCRETE TO BE CLASS A-1
SCALE 1/4" = 1'-0"

CSB-1171-19
A9 OF A9

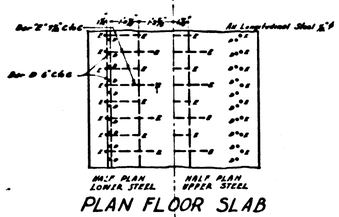


PLAN TOP SLAB

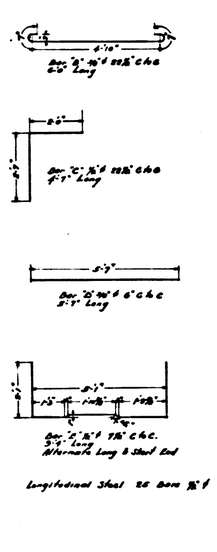




SECTION



PLAN FLOOR SLAB

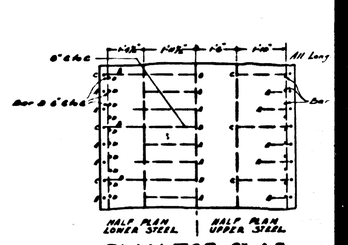


Section II from Station 316+00 to Station 321+00 of Glen Ave. Trunk, Sheets 2 & 3
Total Length 500.00 Feet
Class A1 Concrete : 0.4146 Cubic Yards per Foot
Reinforcing Steel : 54.2062 Pounds Per Foot (on tangent)
Top Slab : Cover 2" ; Total Load 1752.19 Lbs per Sq. Ft.
Dimensions to Reinforcing Steel refer to Center Lines.

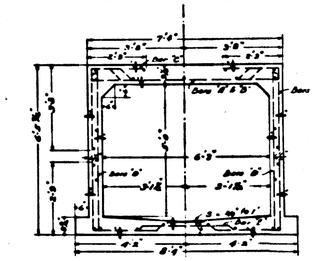
REINFORCED CONCRETE BOX 4'-9" x 4'-6" SECTION II

FROM STATION 316+00 TO STATION 321+00 OF GLEN AVE TRUNK

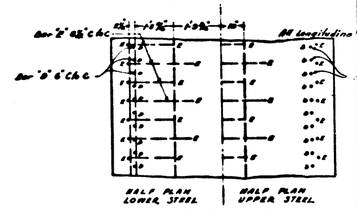
ALL CONCRETE TO BE CLASS A-1
SCALE 1/4" = 1'-0"



PLAN TOP SLAB



SECTION



PLAN FLOOR SLAB

Section III from Station 292+28 to Station 3
Total Length 1080.00 Feet
Class A1 Concrete 0.6079 Cubic Yards per
Reinforcing Steel : 74.8012 Pounds per Foot
Top Slab : Cover 2" ; Total Load 1579.07 Lbs
Dimensions to Reinforcing Steel refer to Ce

REINFORCED CON BOX 5'-0" x 6'-3 SECTION III

FROM STATION 292+28 TO S OF GLEN AVE TRUN

ALL CONCRETE TO BE CL
SCALE 1/2" = 1'-0"