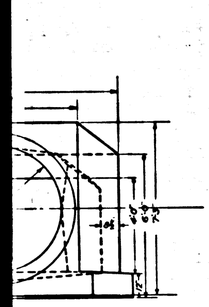
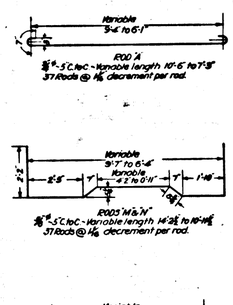
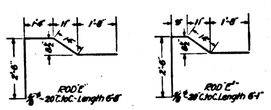
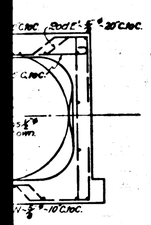


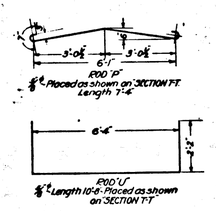
VIEW
DOWNSTREAM



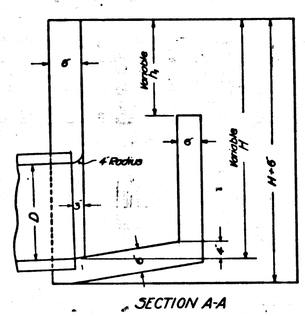




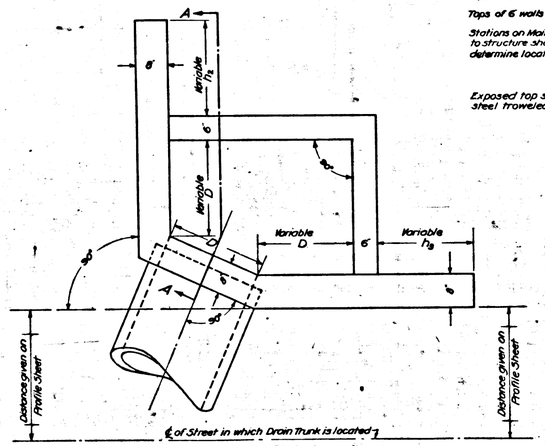
ON U-U



LINE



SECTION A-A



PLAN

SPECIAL STRUCTURE No 7
INLET
CYPRESS AVENUE LINE
Scale 1"=1'

NOTE:-
The entire roadway surface within 5' of the inlet opening shall be modeled or remodeled to slope uniformly to the inlet opening. Also a waterway shall be opened to the inlet.

NOTES:-
Dimension $h_1 = h_2 = h_3 = 2'$ unless otherwise noted on Profile sheet.

Tops of 8" walls to be level.

Tops of 6" walls to be level.

Stations on Main Line and dimensions to structure shown on Profile sheet to determine location.

Exposed top surfaces to be given a steel troweled finish.

NOTES:

Elevations are in feet above U.S.G.S. or mean Sea Level Datum.

Stations of inlets and junctions refer to the intersections of the center lines of the inlets with the center line of the main drain.

Elevations of all inlets except catch basin inlets into box sections refer to the flow lines of the inlets produced on their gradients to the vertical plane thru the center line of the main drain. Elevations of catch basin inlets into box sections refer to the intersections of the flow lines of these inlets with the inside wall of the box section.

For details of all standard structures see Standard Plans.

All pipe not otherwise specified shall be plain cement pipe.

All stubs to be one length of pipe with ends sealed with 2" redwood planking, unless otherwise specified.

Catch basins shall be built with a curb face of 10" or more which shall include a minimum depression at opening of 4" below gutter grade, unless otherwise specified.

Sanitary sewers crossing storm drains, shown in profile with less than two feet clearance, are to be encased as per S-W-6 for a length equal to the width of conduit trench.

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

Weep holes 3/4" in diameter shall be placed in each sidewall and spaced not more than five feet each way.

LENNOX DRAINAGE SYSTEM

OF THE COUNTY OF LOS ANGELES, CALIFORNIA

DETAILS OF SPECIAL STRUCTURES

SPECIAL STRUCTURES NO. 4,5,6,&7

DETAILS OF BOX SECTIONS

SECTIONS D, E & F

FOR CYPRESS AVENUE LINE

SHEET 7 OF 10 SHEETS

SCALES AS SHOWN — NOVEMBER 1935

ALFRED JONES — COUNTY SURVEYOR

RECOMMENDED [signature] — APPROVED [signature]

REFERENCE				
		DESIGNED	J.H. Hartley E.E. Mitchell	OCT. 1935
		TRACED	J.H. Rice	OCT. 1935
		CHECKED	J.H. Rice J.H. Hartley	OCT. 1935

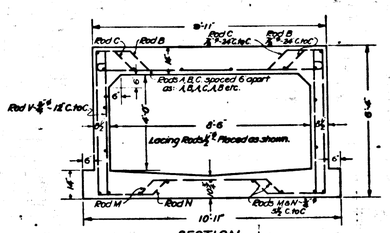
7

Trim to this Line

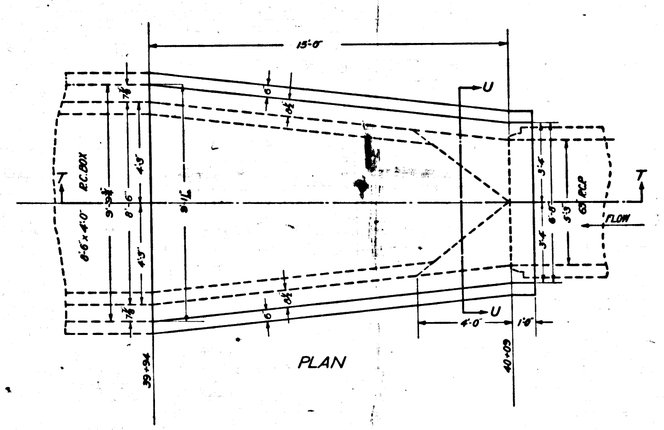
CSB-1164-7
A 1 OF A 4

Trim to this Line

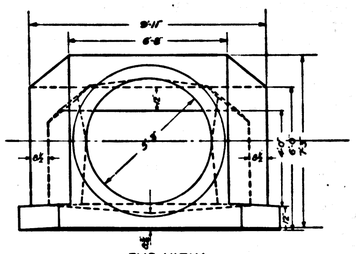
4 B-1-8 ON RAM SURVEYORS MAP NO. B-1164
SHEET NO 7 OF 10 SHEETS
COUNTY SURVEYORS MAP NO. B-1164
SHEET NO 7 OF 10 SHEETS



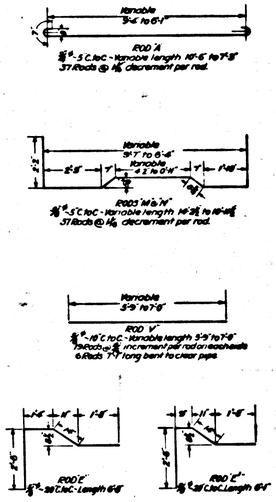
SECTION

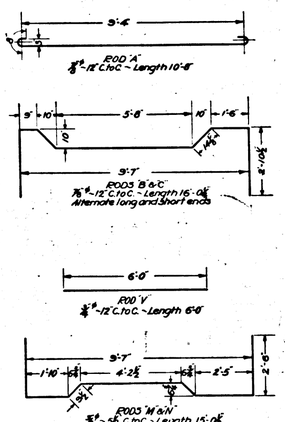


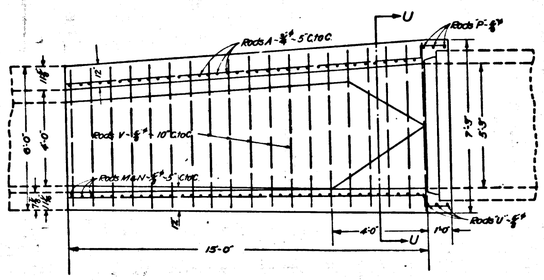
PLAN



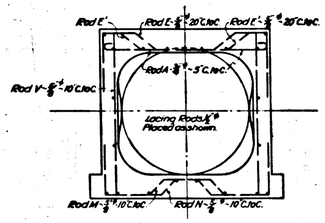
END VIEW
LOOKING DOWNSTREAM







SECTION T-T



SECTION U-U

Distances given on Profile Sheet

x 8'-6" x 4'-0"

ESS AVENUE LINE

REINFORCED CONCRETE BOX 8'-6" x 4'-0"
SECTION "F"
FROM STA. 23+70 TO STA. 24+50 ~ CYPRESS AVENUE LINE
Scale 1/2" = 1'

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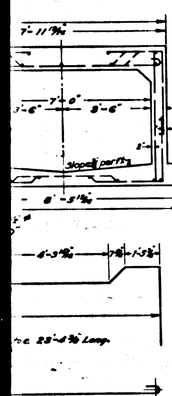
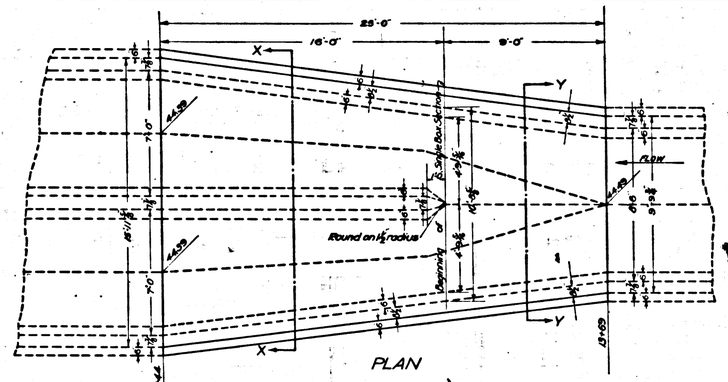
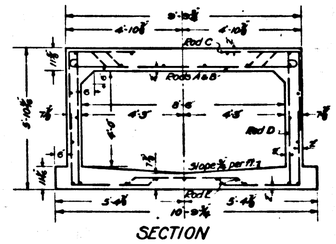
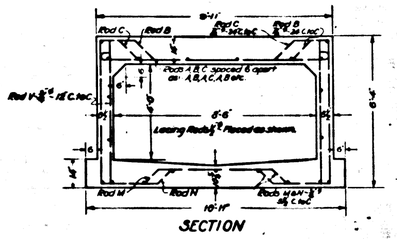
A 2 OF A 4

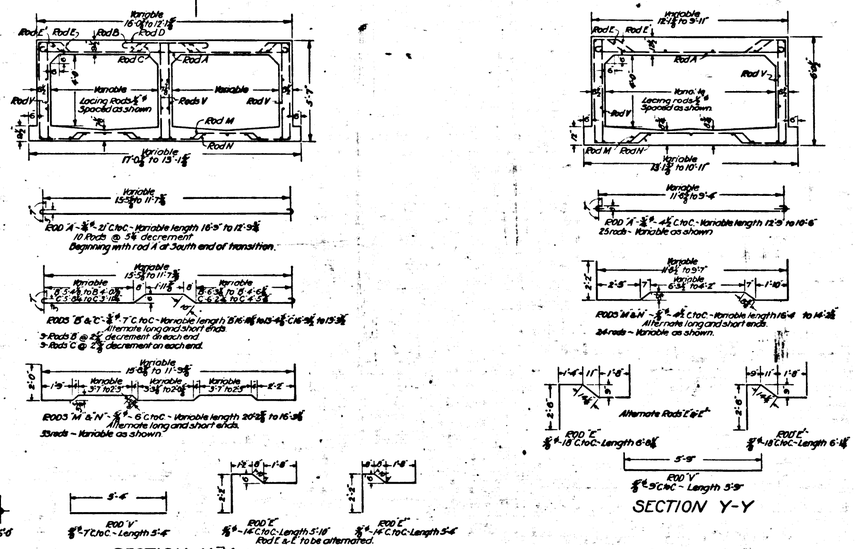
SPECIAL STRUCTURE No 5
TRANSITION
FROM STA. 39+94 TO STA. 40+09 ~ CYPRESS AVENUE LINE
Scale 1/2" = 1'

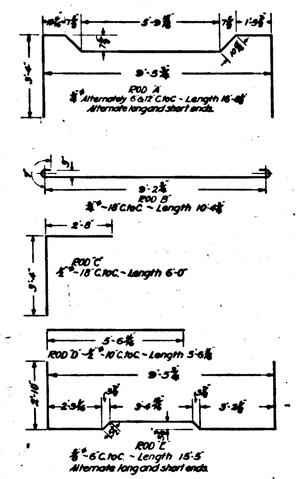


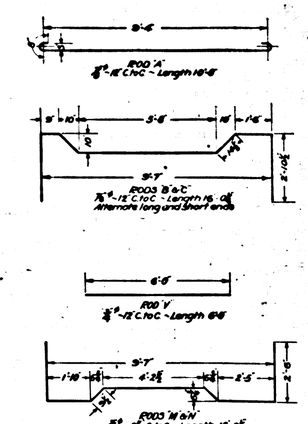












UBLE BOX 7'-0" x 4'-0"
AVE. LINE.
+44.

SPECIAL STRUCTURE No 5 - (TRANSITION)

FROM STA. 13+44 TO STA. 13+69 - CYPRESS AVENUE LINE

Scale ⅜" = 1'

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A 3 OF A 4

REINFORCED CONCRETE BOX 8'-6" x 4'-0"
SECTION "E"

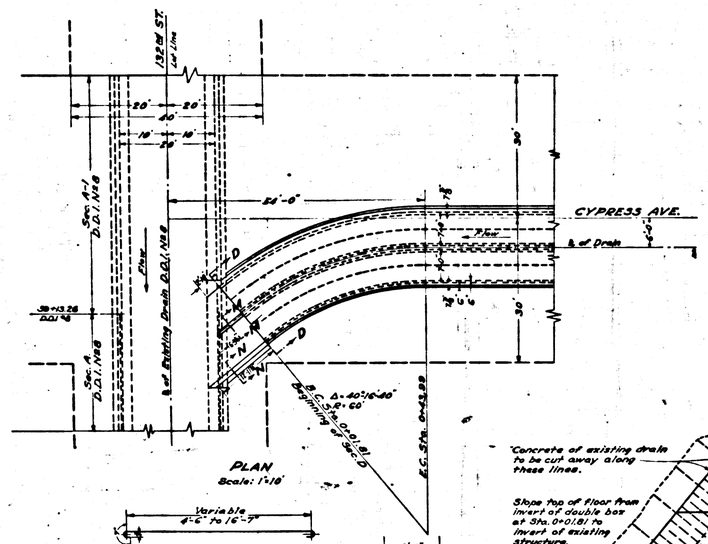
FROM STA. 13+69 / 24+50 TO STA. 23+70 / 39+94 CYPRESS AVENUE LINE

Scale 1½" = 1'

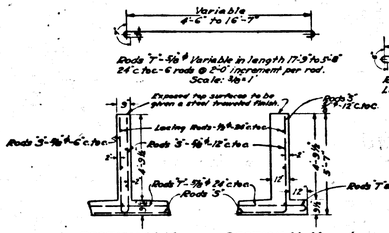
REINFORCED CONCRETE BOX 8'-6" x 4'-0"
SECTION "F"

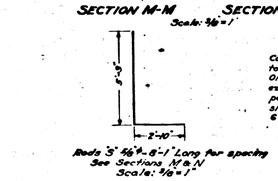
FROM STA. 23+70 TO STA 24+50 - CYPRESS AVENUE LI

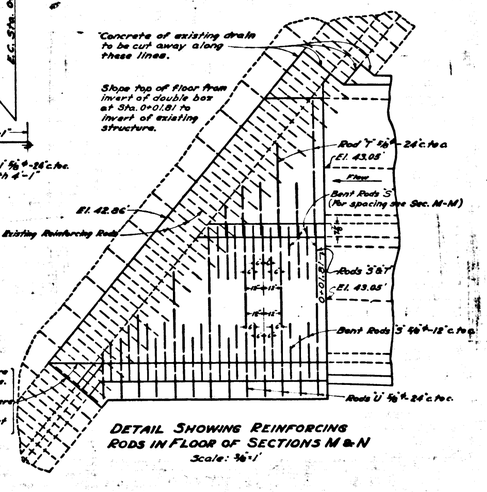
Scale 1½" = 1'



PLAN
Scale: 1"=10'

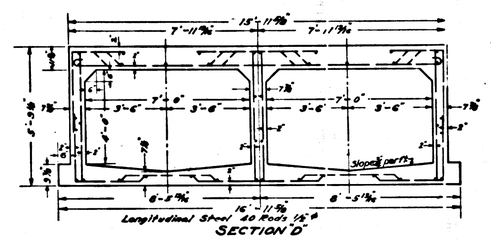




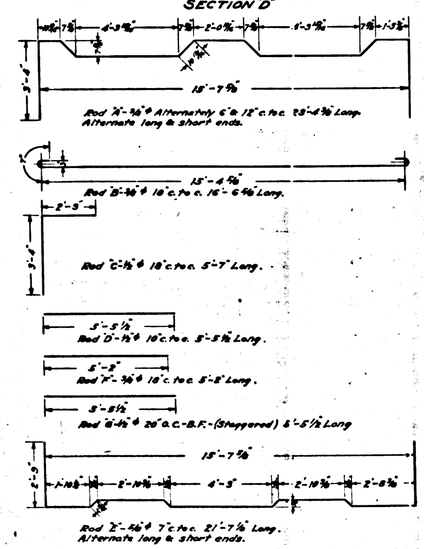


DETAIL SHOWING REINFORCING RODS IN FLOOR OF SECTIONS M & N
Scale: 3/8"=1'

SPECIAL STRUCTURE No. 4
JUNCTION OF CYPRESS AVE. LINE WITH
EXISTING CONDUIT D. D. I. No. 8
Scales as noted.

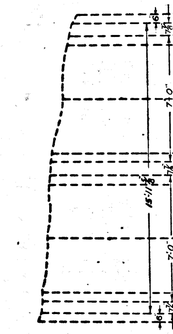


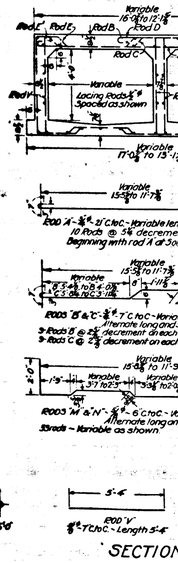
SECTION "D"



Total length = 1342.19 feet
Class "A-1" concrete 1,341.36 cu. yds. per ft.
Reinforcing steel 154,223 lbs. per ft. (on tangent)
Top slab cover 0" to 1". Total load 209.6 lbs. per sq. ft.
Dimensions to reinforcing steel refer to center lines.

REINFORCED CONCRETE DOUBLE BOX 7'-0" x 4'-0"
SECTION "D"-CYPRESS AVE. LINE.
STA. 0+01.81 TO 13+44.
Scale: 1/2"=1'





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