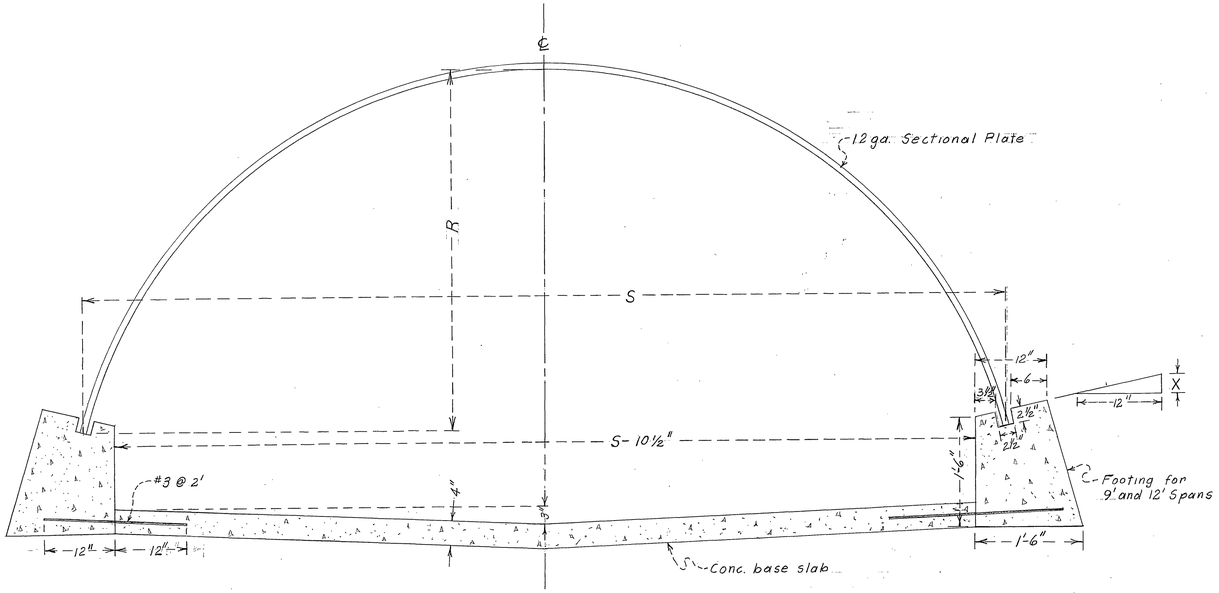
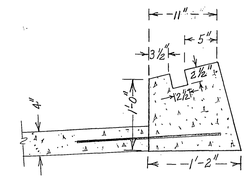
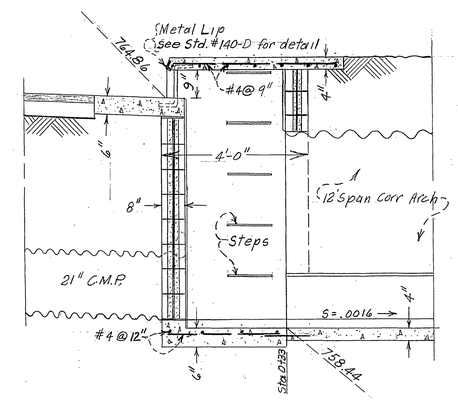


Scale: 1" = 1'

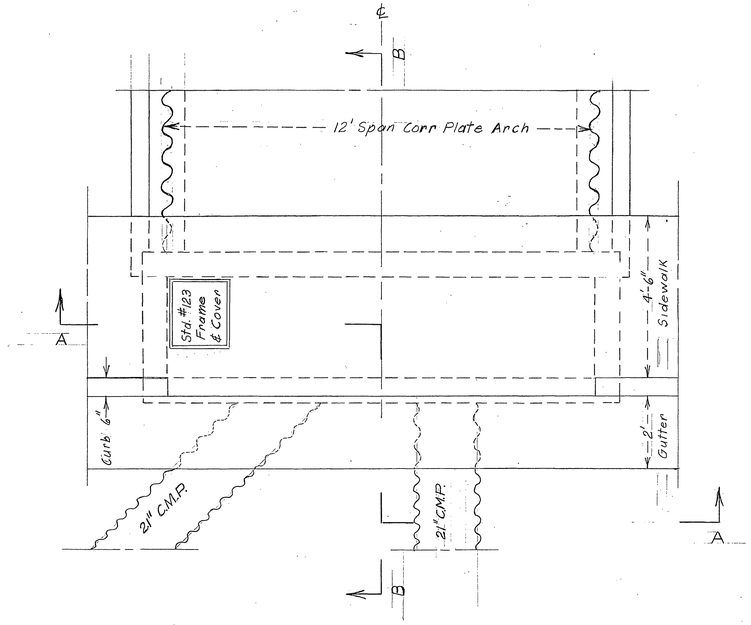
TYPICAL CROSS-SECTION
Corr. Sectional Plate Arch Conduit



Footing for 14' Span

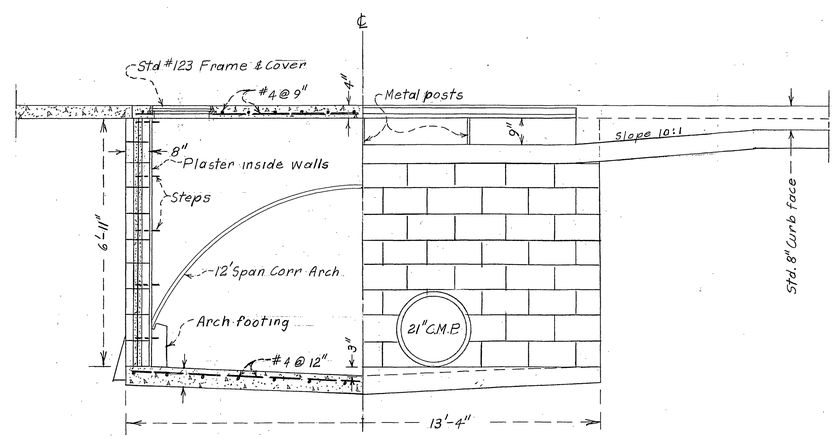


SECTION B-B



PLAN
Special Catch Basin at Sta. 0+33
(N. side of Calif. Ave. 688' E. of ℄ Adams St.)

Scale: ½" = 1'



SECTION A-A

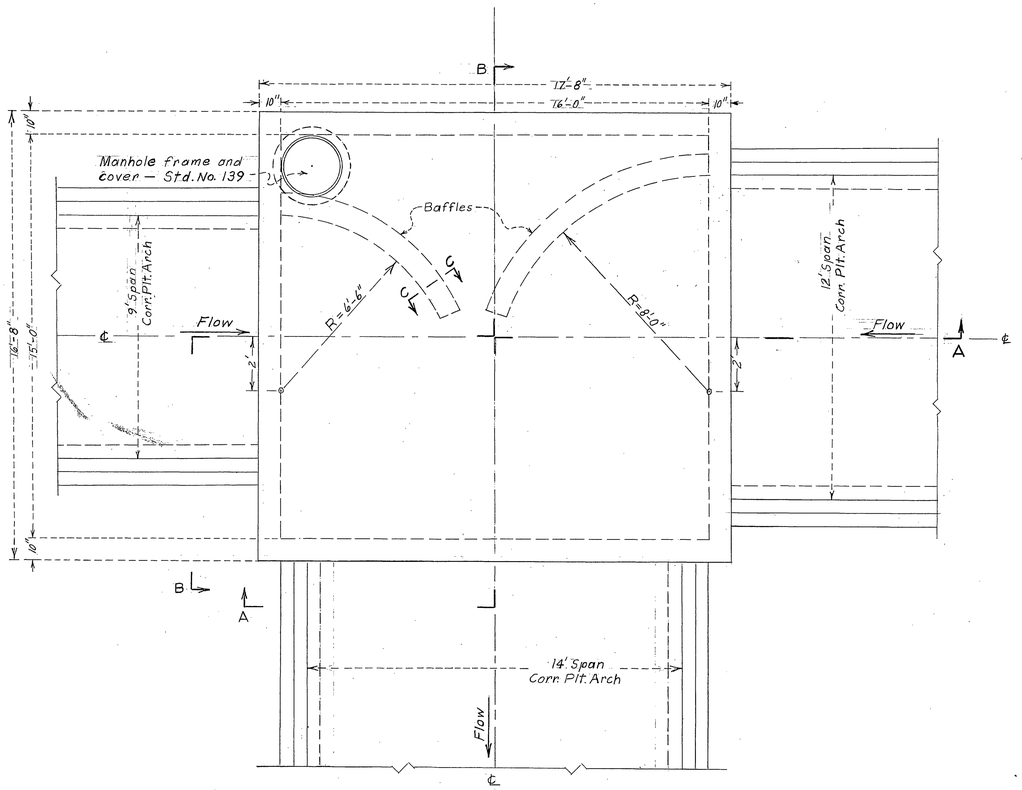
ARLINGTON - MONROE STORM DRAIN
Installation of Corrugated Arch Conduits
and Appurtenant Structures

STRUCTURE DETAILS

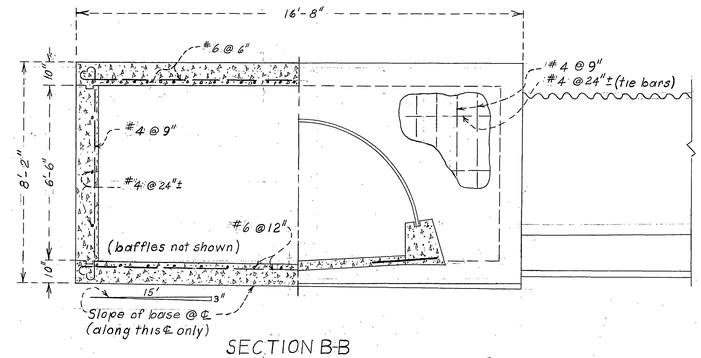
PRELIMINARY - TENTATIVE

D-6

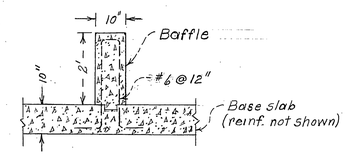
~~2013~~ Dwg. No. 100-X



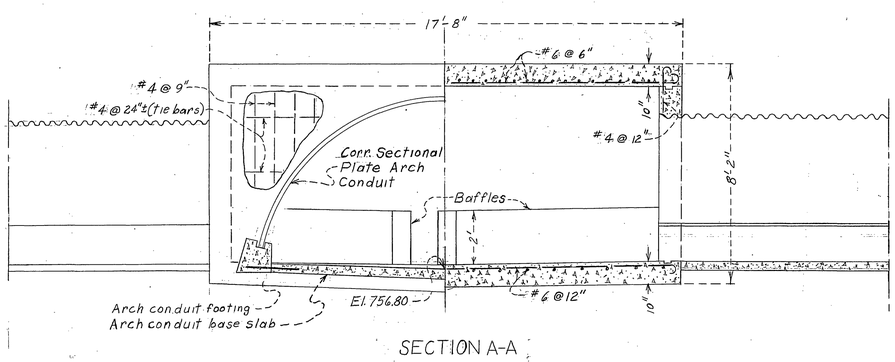
PLAN



SECTION B-B



SECTION C-C

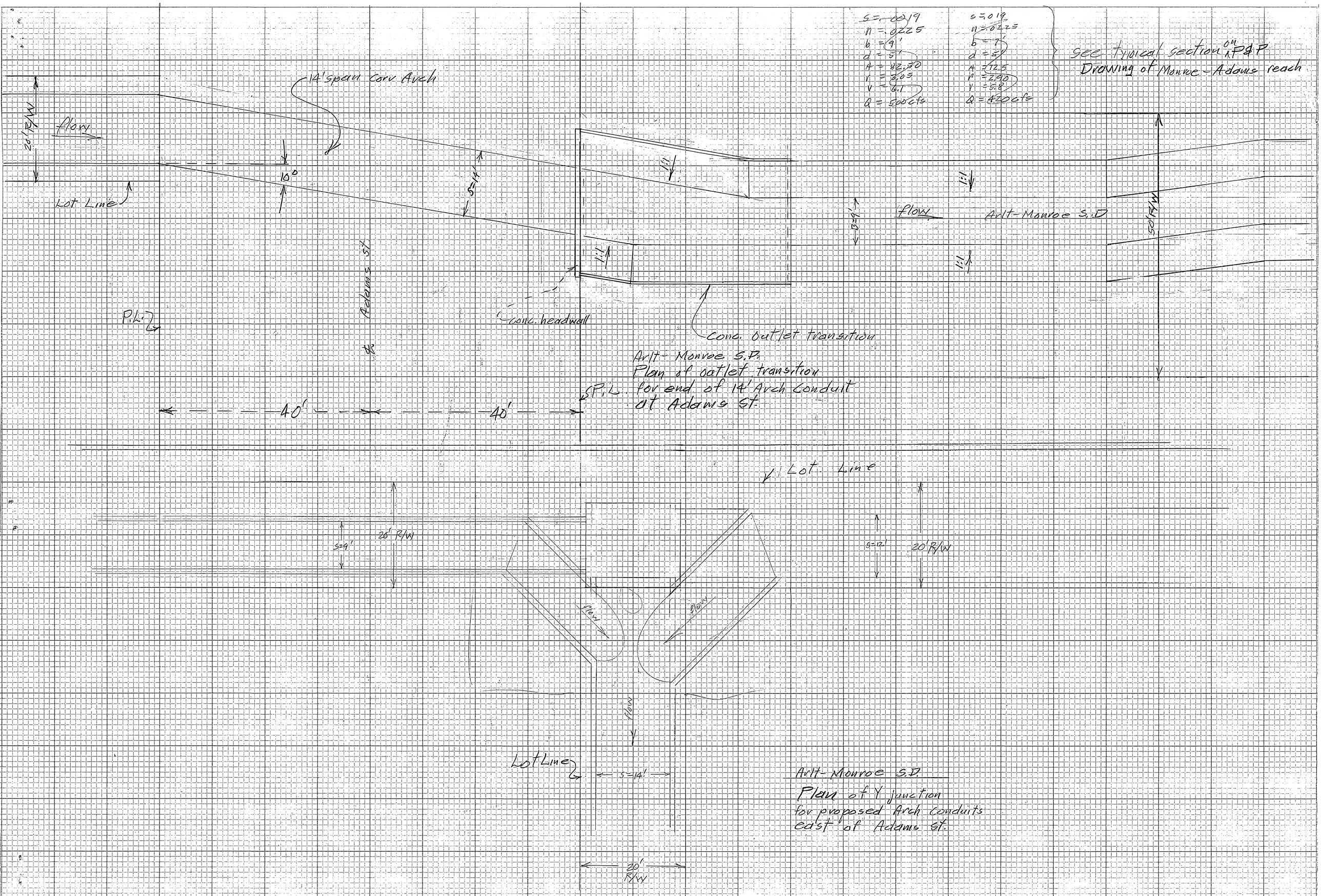


SECTION A-A

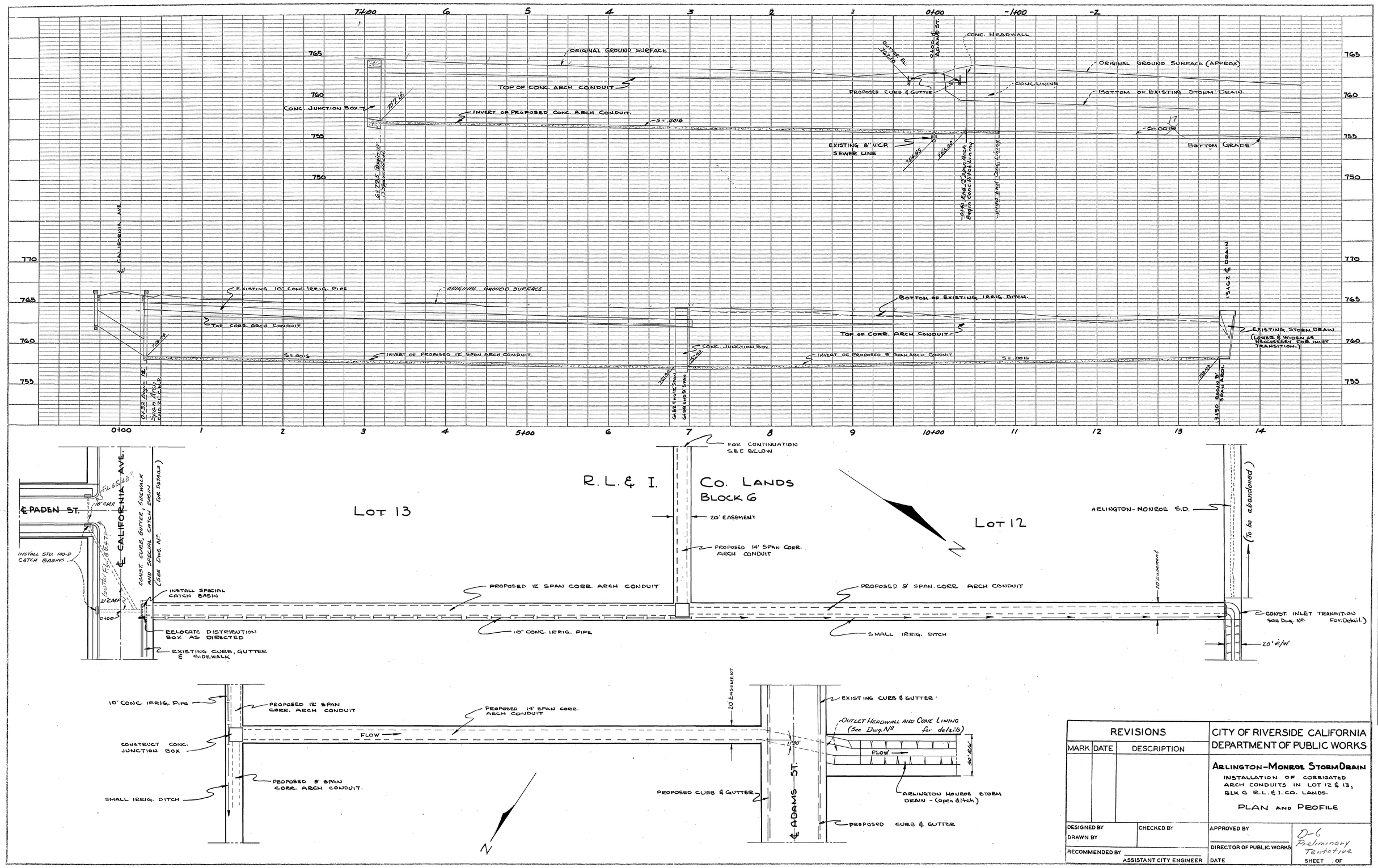
ARLINGTON-MONROE STORM DRAIN

Concrete Junction chamber for Corrugated Arch Conduits

PRELIMINARY TENTATIVE.



S = .0019
n = .0225
b = 9'
d = 5'
A = 82.50
r = 2.05
V = 6.1
Q = 500 cfs
S = .019
n = .0225
b = 7'
d = 5'
A = 72.5
r = 2.90
V = 5.8
Q = 420 cfs
See typical section on P&P
Drawing of Monroe - Adams reach
14' span Corr Arch
20' R/W
flow
Lot Line
10°
S=14'
1:1
B=9'
flow
Arlt-Monroe S.D
50' R/W
Adams St
P.L.
conc. headwall
Conc. outlet transition
Arlt-Monroe S.D.
Plan of outlet transition
for end of 14' Arch Conduit
at Adams St.
P.L.
40'
40'
Lot Line
S=9'
20' R/W
S=12'
20' R/W
flow
flow
flow
Lot Line
S=14'
20' R/W
Arlt-Monroe S.D.
Plan of Y junction
for proposed Arch conduits
east of Adams St.



REVISIONS		
MARK	DATE	DESCRIPTION

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

ARLINGTON-MONROE STORM DRAIN

INSTALLATION OF CORRIGATED ARCH CONDUITS IN LOT 12 & 13, BLK 6 R.L. & I. CO. LANDS.

PLAN AND PROFILE

DESIGNED BY	CHECKED BY	APPROVED BY	D-6 Preliminary Tentative
DRAWN BY		DIRECTOR OF PUBLIC WORKS	
RECOMMENDED BY	ASSISTANT CITY ENGINEER	DATE	SHEET OF

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M.S NOTED
STRUCTURE NOTATNS CH'KD.
NOTE BOOK
NO.
BY
DATE

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
NOTE BOOK
NO.
BY
DATE