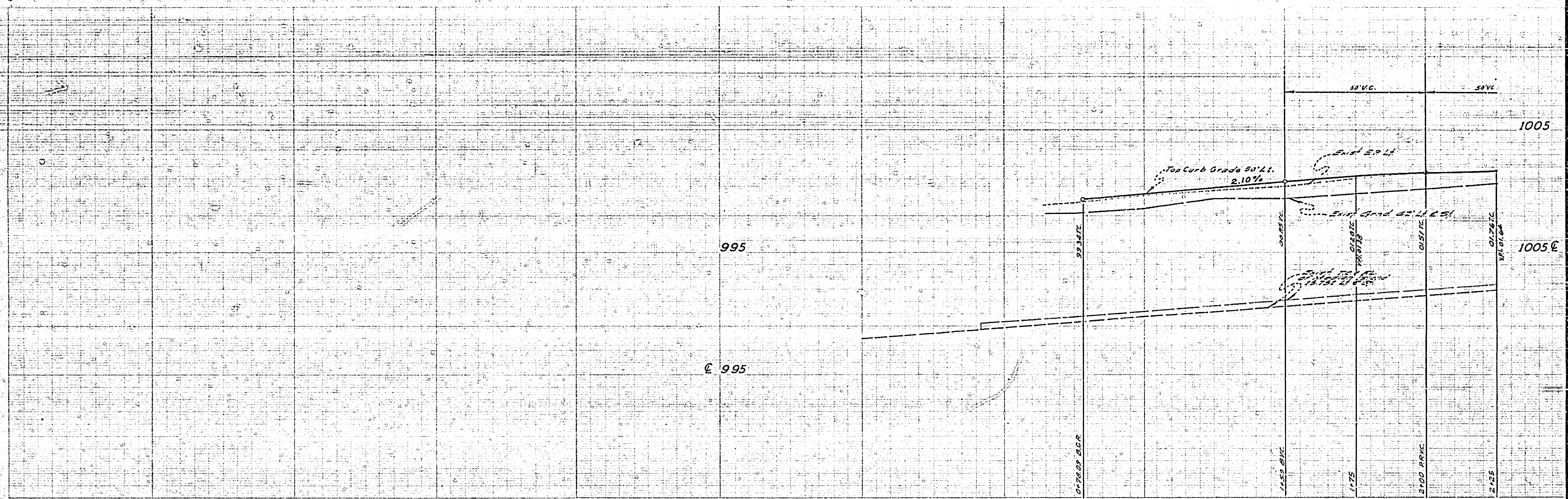


STREET LIGHT NOTES

(1) All street light standards and pullboxes to be field located by contractor, according to plans, and approved by utilities personnel.
(2) All street light standards shall be checked for clearance of driveways, fire hydrants, and radius returns.
(3) Excavation for street light standard bases, pullboxes, and conduits must be done after installation of curbs and gutters, but before installation of sidewalks.
(4) Contractor to obtain a street opening permit from City of Riverside Public Works Department prior to any excavation in proposed or dedicated street Right-of-Way.
(5) Backfill to be of type and compacted as specified by City of Riverside Public Works Department Specification #461.
(6) All construction to comply with the latest revision of the City of Riverside Public Utilities Department Street Light Specification #119.
(7) Inspections to be called for as outlined in Specification #1
(8) This is a two wire 240 volt multiple system.
(9) All cable to be as specified in Specification #119.
(10) Feed point(s) to be confirmed at time of construction
(11) See City of Riverside Dwg. No LI-13011 for Light Standard Details.
(12) $180.00 connection and inspection fees to be paid: 4-22-68 (Date paid) Par. 1-$83.00, Par. 2 $17.00 Par. 3-$80.00.
(13) The City of Riverside Traffic Engineering Division will pay $630.00 toward the cost of this project to the developer upon completion of the work and receipt of a statement from the developer. Par. 1 $180.00, Par. 2-$375.00, Par. 3-$75.00

LEGEND

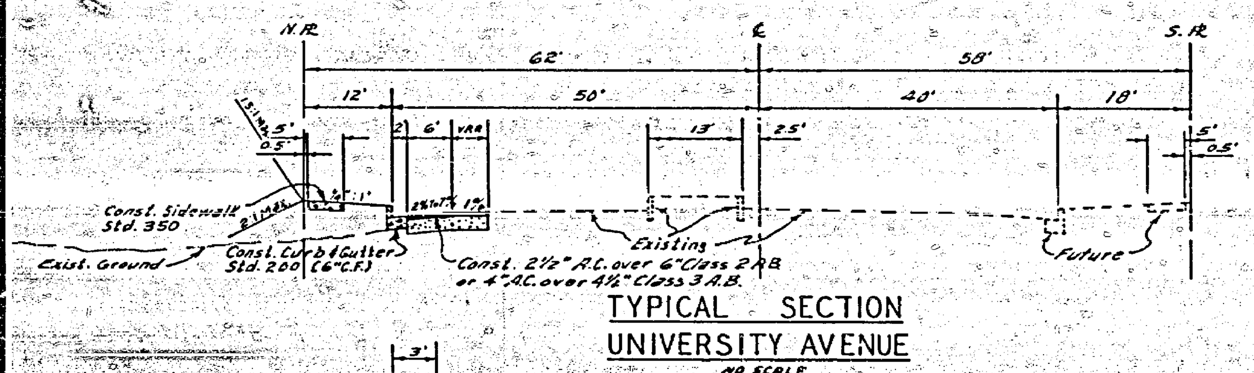
Indicates City of Riverside marblelite light standard No. 68310 with 20,000 L, 400 W, type III "Line Material" mercury vapor luminaire Cat. No. LM 53A2 or approved equal.

Indicates 1" rigid galv. steel conduit, except as noted.

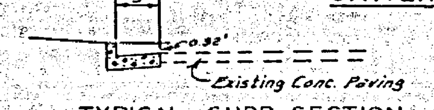
NOTICE TO CONTRACTOR

The existence and location of any underground utility pipes or structures shown on these plans are obtained by a search of the available records. To the best of our knowledge, there are no existing utilities except as shown on these plans.

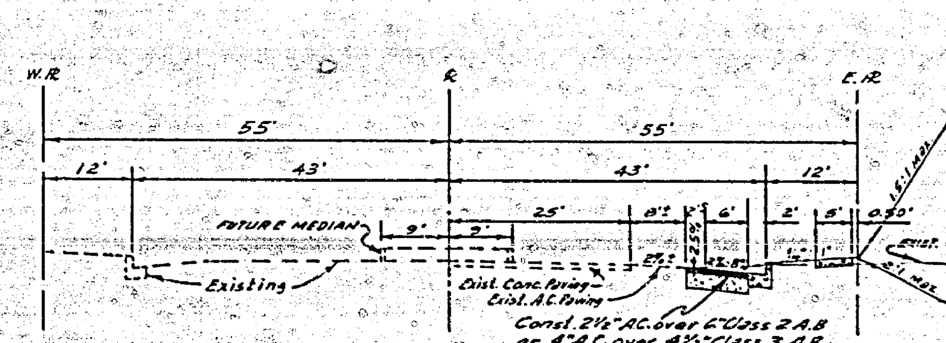
The contractor is required to take due precautionary measures to protect the utility lines shown and any other lines not of record or not shown on these plans.



TYPICAL SECTION
UNIVERSITY AVENUE
NO SCALE
T.I. = 7



TYPICAL CURB SECTION
STA. 2+50 – 4+80 UNIVERSITY
NO SCALE



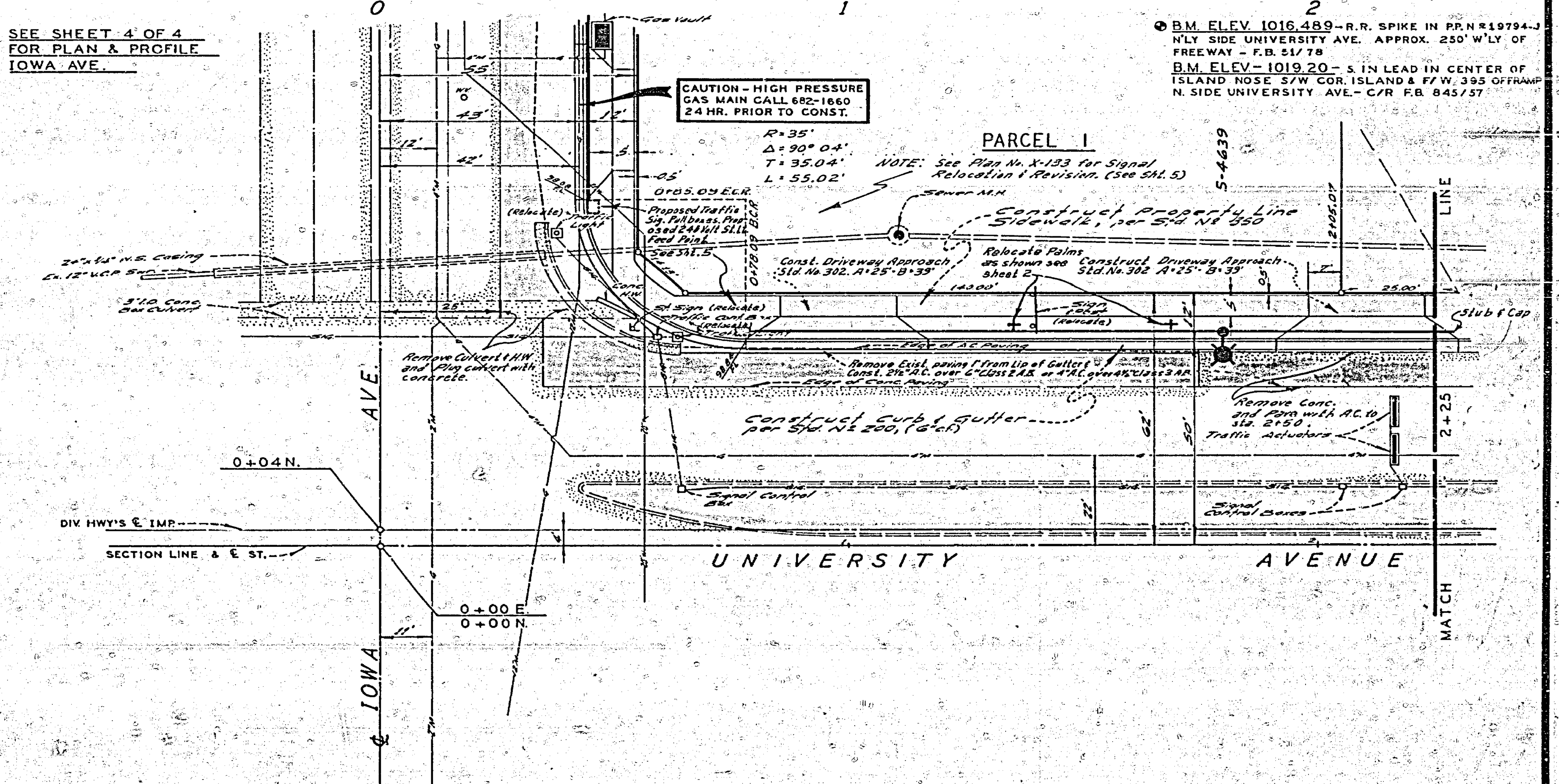
TYPICAL SECTION
IOWA AVENUE
NO SCALE
T.I. = 7

GENERAL NOTES

(1) It shall be the responsibility of the contractor to clear the right of way in accordance with the provisions of law as it affects each utility, including irrigation lines and appurtenances, and at no cost to the City.
(2) Construction shall be in accordance with the City of Riverside, Department of Public Works, Specifications No. 461 and Standard Drawings.
(3) Prime coat, seal coat, and paint binder are required.
(4) Grading will require a permit under Ordinance 3093 for a cut or fill exceeding 100 cubic yards, or a fill over one foot in depth.
(5) ~~The subdivider shall arrange for a soil test to be made by Soils Engineer after the streets have been prepared to rough grade. Depth of base material and A.C. paving shall be determined by City of Riverside Design Standards and Test Procedures.~~
(6) Trim edge of existing pavement, where new paving joins existing pavement, to a clean, straight line. Construct match-up paving as shown and overlay paving as directed in the field to produce a smooth crown section.
(7) Sewer is to be installed to the Specifications of the Public Works Department before placement of base and paving.

PAR. 1	PAR. 2	PAR. 3	QUANTITY ESTIMATE	TOTAL	
334 L.F.	649 L.F.	314 L.F.	Curb & Gutter Standard Dwg. No. 200 (6" C.F.)	1,297	L.F.
1,630 S.F.	3,246 S.F.	1,315 S.F.	Sidewalk Standard Dwg. No. 350	6,191	S.F.
1,897 S.F.	2,152 S.F.	3,424 S.F.	2½" A.C. Paving	7,473	S.F.
35 C.Y.	40 C.Y.	63 C.Y.	Imported Base Material (Class 2 A.B.)	138	C.Y.
46 L.F.		84 L.F.	Curb & Gutter Removal	130	L.F.
42 L.F.			2" X 4" Redwood Header	42	L.F.
3 Ea.			W-21-R	3	Ea.
	2 Ea.		Palm Tree Relocation	2	Ea.
	1 Ea.		Cleanout Box Standard Dwg. No. 425	1	Ea.
	66 L.F.		18" R.C.P. 2250 D	66	L.F.
	8 L.F.		24" R.C.P. 2000 D	8	L.F.
		25 L.F.	4" V.C.P.	25	L.F.
		1 Ea.	4" X 12" Tee	1	Ea.
4 Ea.		2 Ea.	Driveway Approach Standard Dwg. No. 302	6	Ea.
	1 Ea.		Barricade Standard Dwg. No. 180	1	Ea.

SEE SHEET 4 OF 4 FOR PLAN & PROFILE IOWA AVE.



B.M. ELEV. 1016.489 - R.R. SPIKE IN P.P. No 19794-J N'LY SIDE UNIVERSITY AVE. APPROX. 250' W'LY OF FREEWAY - F.B. 51/78

B.M. ELEV. - 1019.20 - S. IN LEAD IN CENTER OF ISLAND NOSE S/W COR. ISLAND & F/W. 395 OFFRAMP N. SIDE UNIVERSITY AVE. - C/R F.B. 845/57

S.R. # 700 R-55

APPROVED BY Howard R. Cresan IRRIGATION DIV.
DATE: 6-5-68

APPROVED FOR STREET LIGHTS [signature] GEN. SUPT. & CHIEF ENG.
DATE: 5-21-68

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA
APPROVED BY [signature] DATE 3/21/68
R.E. No. 2070
W.O. 68-17 FOR: HUGH MURRAY F.B. 1020

MARK	REVISIONS	APPR.	DATE

DESIGNED BY B.E.L. DRAWN BY R.M. CHECKED BY A.W.A.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER	[initials]	7/3
PARK DEPARTMENT	[initials]	6-19
TRAFFIC DIVISION	[initials]	7/3
ASSISTANT CITY ENG.	[initials]	7-5

APPROVED BY [signature] DIRECTOR OF PUBLIC WORKS
DATE 7-5-68

STREET PLAN AND PROFILE
UNIVERSITY AVENUE
NORTH SIDE
Iowa Avenue To Escondido Freeway
R/S NO 1018
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'

PROJECT NO. R-1295
L5-13310
SHEET 1 OF 5
FILE NO. 68-17

30' V.C.

50' V.C.

Top Curb Grade 50' Lt.

Grade 2.0% Lt.

1.57½%

1.70½%

1.40½%

Grade 2.2% Lt. 6.5'

Grade 6.2% Lt. of Median Isolation 18.5' to ℄ Lt. of ℄ 57'

995

1005

℄ 995

1005 ℄

10¾" Steel line

12" Sewer

Const. 3' Gutter to meet exist'd. Conc. Paving

2

3

4

5

6

7

8

STORM DRAIN PROFILE

Const. C.B.

Const. 66"RCP 2000D (See Profile) use Class III bedding per Std. Dwg. No. 452

PARCEL 2

Proposed Standard for Parcel 2

Proposed Street Light conduit

Remove Exist. and repl. with A.C. to 30' 6"50

Const. 3' Gutter to meet existing Conc. Paving (See Section Sheet 1)

Plug 12" C.I.P. with 1/2" bolt

Join Exist. Gulch Beam

Const. 24" Reinforced Header & Side Fill per R

Const. A.C. Paving to clip of 1/2 of surface

Const. 2½" A.C. over 6" C.A.B.

Const. 3' Gutter to meet exist'd. Conc. Paving

Exist. A.C. Sidewalk

Future Tee Curb (See C/R Plan R-1016)

Future 24" RCP (See C/R Plan D-130)

Grade ditch @ 1.86% to drain

Const. 4'-24" RCP 2000 @ 150% Class III bedding

Const. 4'-24" RCP 2000 @ 150% Class III bedding

Grade 50' to drain into 66" RCP

Const. Barricade Std 120 at end of sidewalk for protecting protection

Exist. 24" RCP (See C/R Plan D-130)

NOTE:
If 24" RCP Drain per Plan D-130 exists at the time of this Const. the Channel Gas Std. No. 428 shall be used, apply, to connect 18" R.C.P. to existing 24" RCP.

UNIVERSITY AVENUE

DIV. HWYS & TWP.

SECTION LINE ℄ ℄ ST.

MATCH LINE 2+25

MATCH LINE 5+00

SEE SHEET 1 FOR TYPICAL SECTION

B.M. ELEV. 1016.489 - R.R. SPIKE IN P.P. No. 19794-3 N'LY SIDE UNIVERSITY AVE. APPROX. 250' W'LY OF FREEWAY - F.B. 51/78

B.M. ELEV. 1018.20 - S. IN LEAD IN CENTER OF ISLAND NOSE S/W COR ISLAND & F/W 395 OFFRAMP N. SIDE UNIVERSITY AVE. - C/R F.B. 845/57

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA
APPROVED BY [illegible] DATE 3/31/68
R.E. No. 6816
W.O. 68-17 FOR: HUGH MURRAY F.B. 1850

REVISIONS

DESIGNED BY R.E.L. DRAWN BY R.M. CHECKED BY A.W.E.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER	[illegible]	5/21
FIRE DEPARTMENT	[illegible]	5/21
TRAFFIC DIVISION	[illegible]	5-20
ASSISTANT CITY ENG.	[illegible]	5-21

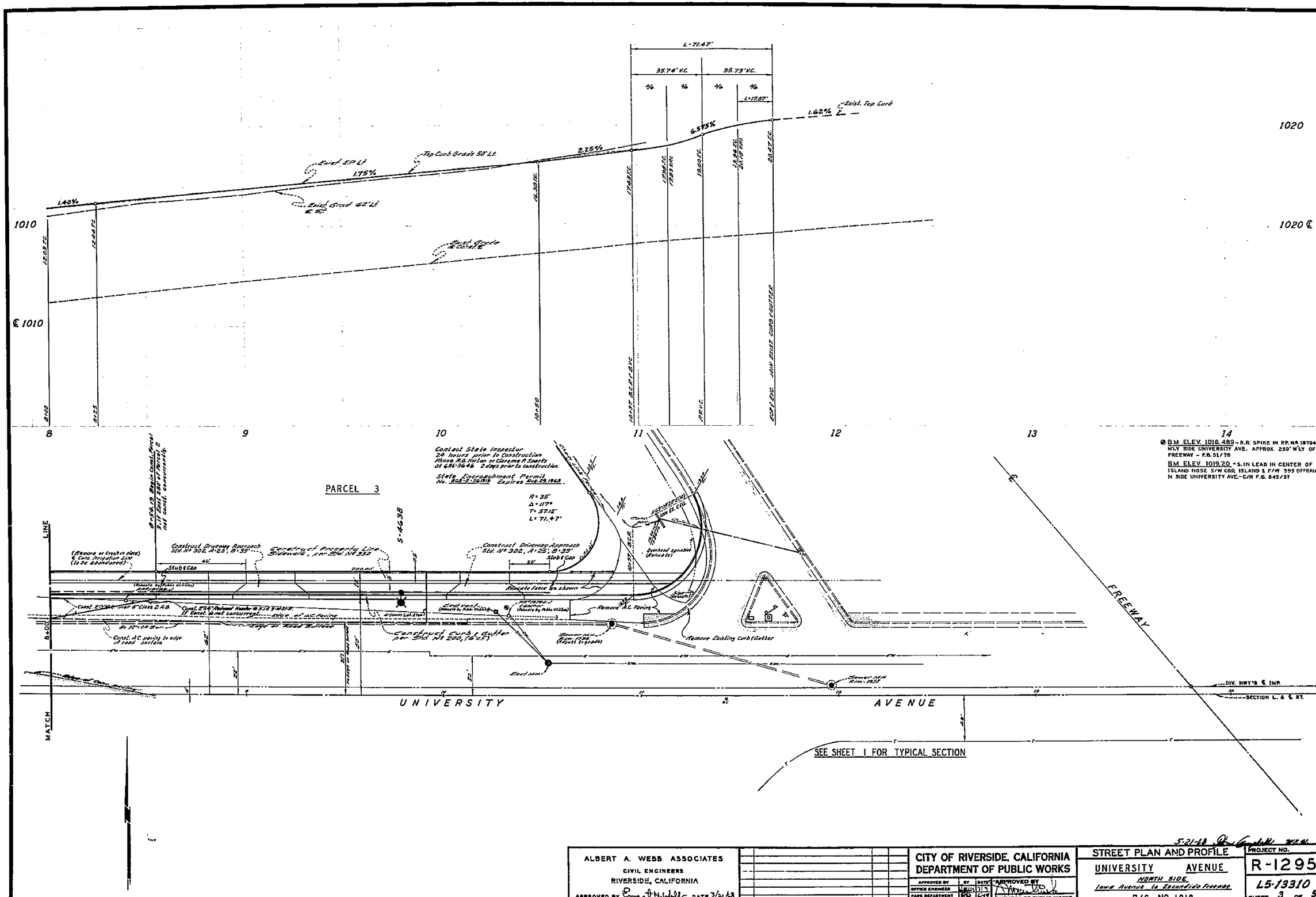
APPROVED BY [illegible]
DIRECTOR OF PUBLIC WORKS
DATE 7-1-68

5-21-68 [illegible] R.C.E. 19541

STREET PLAN AND PROFILE
UNIVERSITY AVENUE
NORTH SIDE
Iowa Avenue to Escondido Freeway
R/S NO. 1018

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'

PROJECT NO. R-1295
25-19310
SHEET 2 OF 5
FILE NO. 68-17



5-21-68

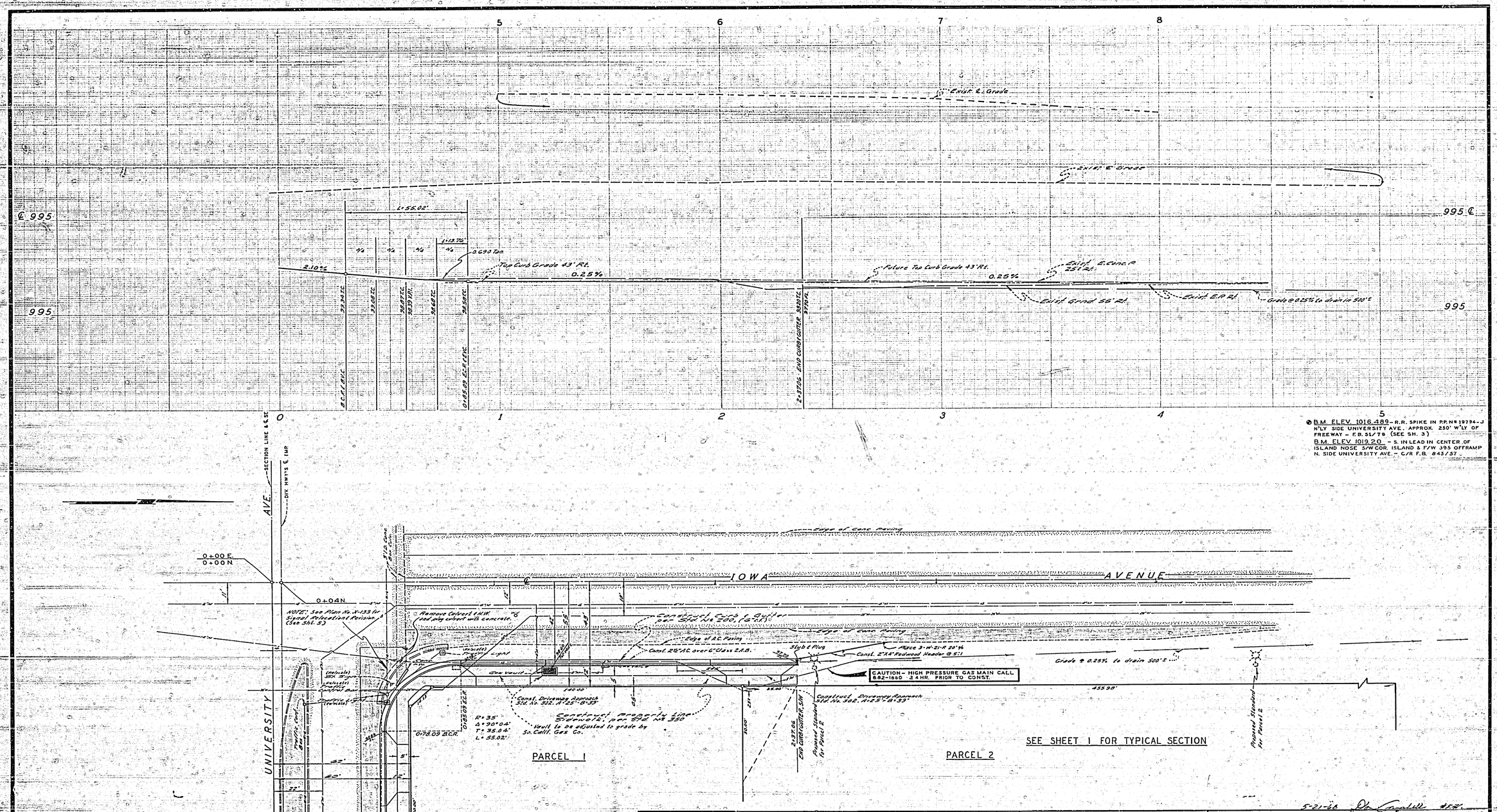
ALBERT A. WEBB ASSOCIATES CIVIL ENGINEERS RIVERSIDE, CALIFORNIA APPROVED BY [signature] DATE 3/21/68 R.E. No. 9876 W.O. 68-17 FOR: HUGH MURRAY F.B.	MARK / REVISIONS / APPR. / DATE DESIGNED BY [initials] DRAWN BY [initials] CHECKED BY [initials]	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS APPROVED BY / BY / DATE OFFICE ENGINEER / 7/3 PARK DEPARTMENT / 6-19 TRAFFIC DIVISION / 7-2 ASSISTANT CITY ENG. / 7-5 APPROVED BY [signature] DIRECTOR OF PUBLIC WORKS DATE 7-5-68	STREET PLAN AND PROFILE UNIVERSITY AVENUE NORTH SIDE Iowa Avenue to Escondido Freeway R/S NO. 1018 HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'

PROJECT NO. R-1295

L5-13310

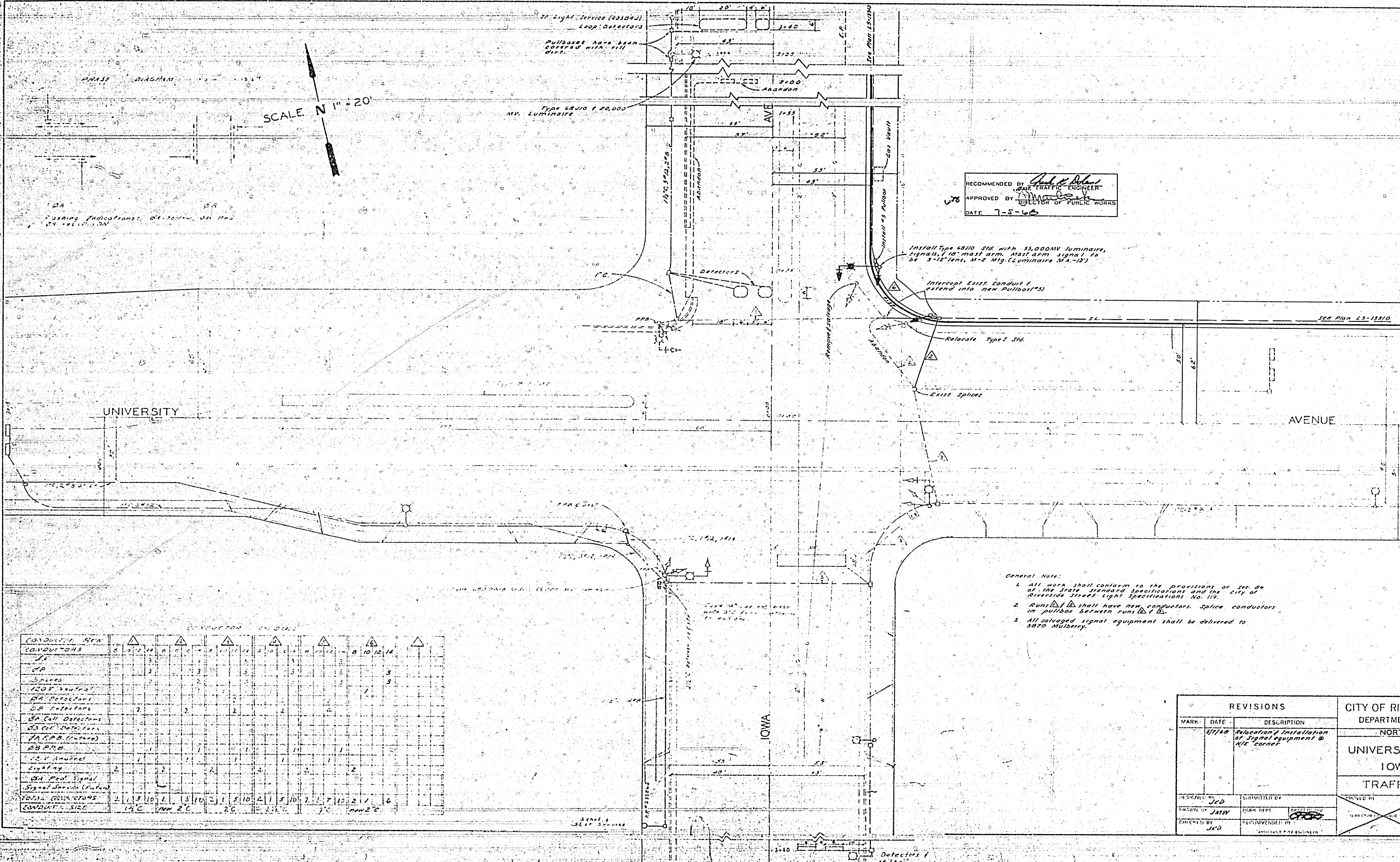
SHEET 3 OF 5

FILE NO. 68-17



5-21-68

ALBERT A. WEBB ASSOCIATES CIVIL ENGINEERS RIVERSIDE, CALIFORNIA APPROVED BY [signature] DATE 5/21/68 R.E. No. 9575 W.O. 68-17 FOR: HUGH MURRAY F.B.	MARK / REVISIONS / APPR. / DATE DESIGNED BY [initials] DRAWN BY [initials] CHECKED BY [initials]	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS APPROVED BY / BY / DATE OFFICE ENGINEER / [initials] / 11-5 PARK DEPARTMENT / RD / 6-19 TRAFFIC DIVISION / RKD / 7-2 ASSISTANT CITY ENG. / [initials] / 7-5	STREET PLAN AND PROFILE IOWA AVENUE EAST SIDE UNIVERSITY AVENUE TO 237' N'ly R/S NO 1018 HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'
		APPROVED BY [signature] DIRECTOR OF PUBLIC WORKS DATE 7-5-68	PROJECT NO. R-1295 L5-13310 SHEET 4 OF 5 FILE NO. 68-17



RECOMMENDED BY Jack K. Dolan, ASST. TRAFFIC ENGINEER

APPROVED BY [signature], DIRECTOR OF PUBLIC WORKS

DATE 7-5-68

CONDUCTOR SCHEDULE

CONDUCTOR RUN	1				2				3				4				5				6							
CONDUCTORS	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14				
ØA				3				[illegible]				2				3				3								
ØB				3				3				3				3				3				3				
Spares				3				2				3								3				3				
120V Neutral								1		1												1						
ØA Detectors											2								2									
ØB Detectors			2				2				2				2				2									
ØA Call Detectors																												
ØB Call Detectors																												
ØA P.P.B. (Future)																												
ØB P.P.B.				1				1				1				1				1								
12V Neutral			1				1				1				1				1									
Lighting	2				2				2				2				2				2							
ØA Ped. Signal																												
Signal Service (Future)																												
TOTAL CONDUCTORS	2	1	3	10	2		3	10	2	1	5	10	2	1	5	10	2	1	7	13	2	1		6				
CONDUIT SIZE	1½"C				new 2"C				2"C				2½"C				2"C				new 2"C							

General Note:

1. All work shall conform to the provisions of Sec. 86 of the State Standard Specifications and the City of Riverside Street Light Specifications No. 119.
2. Runs 1 & 2 shall have new conductors. Splice conductors in pullbox between runs 2 & 3.
3. All salvaged signal equipment shall be delivered to 3870 Mulberry.

R-1295

5-24-68

REVISIONS		
MARK	DATE	DESCRIPTION
	5/7/68	Relocation & Installation of Signal equipment @ N/E corner

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

NORTHEAST CORNER

UNIVERSITY AVENUE & IOWA AVENUE

TRAFFIC SIGNALS

DESIGNED BY JKD
DRAWN BY JMW
CHECKED BY JKD
SUBMITTED BY
PARK DEPT.
RECOMMENDED BY ASSISTANT CITY ENGINEER
APPROVED BY DIRECTOR OF PUBLIC WORKS

PROJ. NO. X-133

SHEET 5 OF 5

FILE NO. 68-17