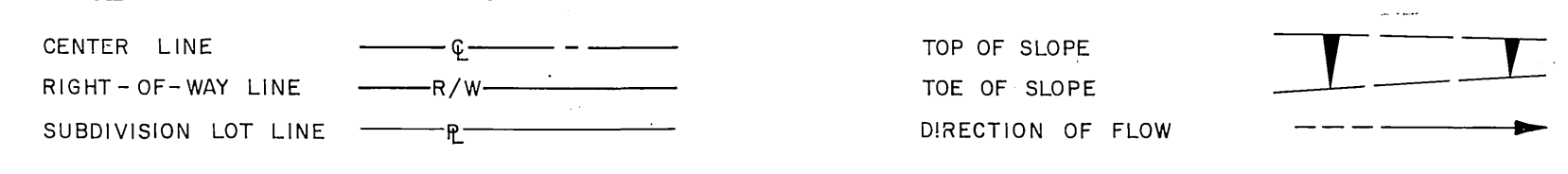


# RIVERSIDE CITY OF RIVERSIDE CALIFORNIA



## PUBLIC WORKS DEPARTMENT REHABILITATION OF MAJOR CITY STREETS 1983

### CONSTRUCTION LEGEND



- A** PLACE ASPHALT CONCRETE OVERLAY (LEVELING).
- B** PLACE OPEN GRADED ASPHALT CONCRETE OVERLAY. NUMBER INDICATES MINIMUM THICKNESS TO BE PLACED.
- C** PLACE OPEN GRADED ASPHALT CONCRETE OVERLAY (NUMBER INDICATES MINIMUM THICKNESS TO BE PLACED) OVER ASPHALT-RUBBER STRESS ABSORBING TREATMENT.
- D** PLACE DENSE GRADED ASPHALT CONCRETE OVERLAY (0.05" MIN.), TAPER TO MINIMUM POSSIBLE THICKNESS AT GUTTER LIP AND/OR AT LIMIT OF PLACEMENT.
- E-1** CONSTRUCT STRUCTURAL SECTION OF 0.26' AC OVER 0.33' BASE.
- E-2** CONSTRUCT STRUCTURAL SECTION OF 0.26' AC OVER 0.33' BASE OVER 0.06' AGGREGATE SUBBASE.
- E-3** CONSTRUCT STRUCTURAL SECTION OF 0.32' AC OVER 1.65' BASE.
- E-4** CONSTRUCT STRUCTURAL SECTION OF 0.32' AC OVER 1.50' BASE.
- E-5** CONSTRUCT STRUCTURAL SECTION OF 0.32' AC OVER 1.75' BASE.
- E-6** CONSTRUCT STRUCTURAL SECTION OF 0.36' AC OVER 1.95' BASE.
- E-7** CONSTRUCT STRUCTURAL SECTION OF 0.36' AC OVER 1.45' BASE.
- F** CONSTRUCT 2 1/8" THICK AC SIDEWALK.
- G** APPLY A SLURRY SEAL OVER ASPHALT-RUBBER STRESS ABSORBING TREATMENT. ELIMINATE THE SLURRY SEAL AT INTERSECTIONS.
- H** REMOVE AND REPLACE EXIST. AC. NUMBER INDICATES "AS BUILT" THICKNESS OF AC.

### PROJECT

- VAN BUREN BLVD.
- ARLINGTON AVE.
- WASHINGTON AVE.
- JURUPA AVE.
- OLIVEWOOD AVE.
- MAIN ST.
- VICTORIA AVE.
- UNIVERSITY AVE.
- CHICAGO AVE.
- BOBBY BONDS PARK
- IOWA AVE.

### LIMITS

- ARLINGTON TO SANTA ANA RIVER
- VAN BUREN TO MAGNOLIA
- VICTORIA TO LENOX
- MAGNOLIA TO OLIVEWOOD
- JURUPA TO PANORAMA
- THIRD TO FWY. 60
- FOURTEENTH TO UNIVERSITY
- COMER TO FWY. 60
- THIRD TO UNIVERSITY
- PARKING LOT DRAIN
- UNIVERSITY TO 950' ± N'LY OF SPRUCE

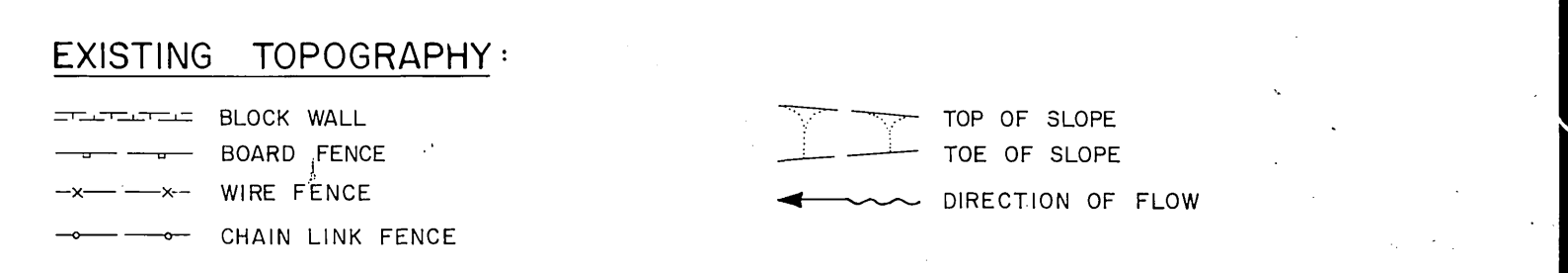
SEE PLAN # R-2502

TOTAL LENGTH OF PROJECT 52,710

	LENGTH		PLAN SHEET NUMBER	
	(FT.)	(MI.)	CONST.	STRIPING & SIGNAL
VAN BUREN BLVD.	7,430	1.4	2-5	23-25
ARLINGTON AVE.	15,930	3.0	6-8	26-29
WASHINGTON AVE.	2,860	0.5	9	30
JURUPA AVE.	2,140	0.4	10	31
OLIVEWOOD AVE.	1,630	0.3	11	32
MAIN ST.	3,890	0.7	12-13	33-34
VICTORIA AVE.	2,350	0.4	14	35
UNIVERSITY AVE.	7,630	1.4	15-16	36-37
CHICAGO AVE.	2,640	0.5	17	38
BOBBY BONDS PARK	-	-	18	-
IOWA AVE.	6,210	1.2	19-22	39-42

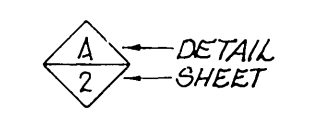
### EXISTING UNDERGROUND & TOPOGRAPHY LEGEND

- EXISTING UNDERGROUND UTILITIES:
- SANITARY SEWER: 8" S
  - WATER LINE: 6" W
  - STORM DRAIN: 24" S.D.
  - GAS LINE: 3" G
  - IRRIGATION LINE: 20" IRR.
  - ABANDONED UTILITY: 6" (ABAND.)
  - TELEPHONE CONDUIT: T
  - ELECTRICAL CONDUIT: E
  - STREET LIGHTING: EL
  - TRAFFIC SIGNAL: SIG
  - FIRE ALARM: F



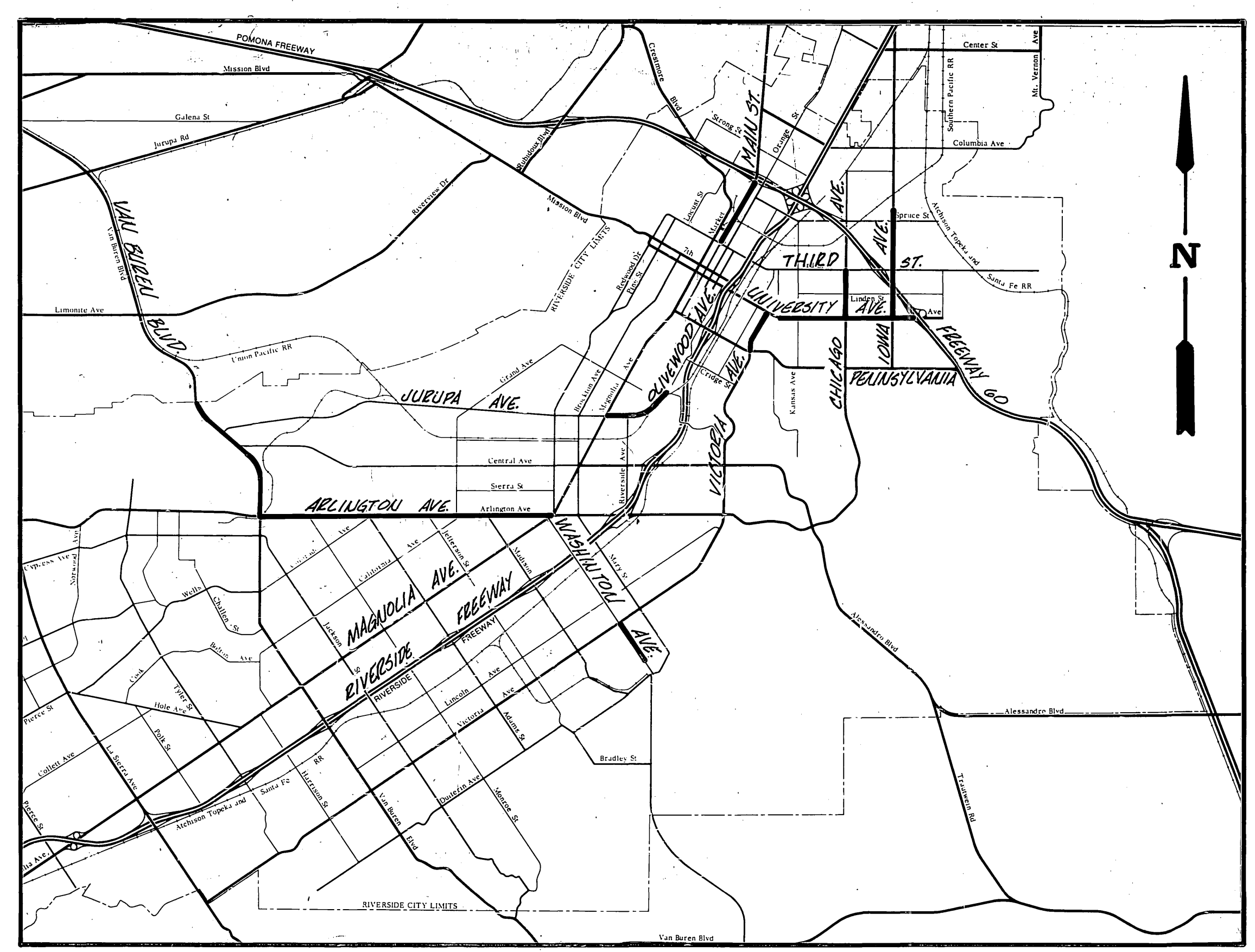
### SPECIFIC CONSTRUCTION NOTES

NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY, UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET BELOW. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.



### GENERAL CONSTRUCTION NOTES

- 1 THESE PLANS ARE FOR CONSTRUCTION AND REHABILITATION ONLY. TRAFFIC SIGNAL MODIFICATIONS SHALL BE ACCOMPLISHED ACCORDING TO THE ATTACHED PLANS.
- 2 ALL ELEVATIONS SHOWN ON THE PLAN SHALL BE STAKED IN THE FIELD.
- 3 RIGHTS OF ENTRY HAVE BEEN OBTAINED FOR WORK SHOWN ON PRIVATE PROPERTY.
- 4 EXISTING UTILITIES SHOWN ON THE PLAN ARE ONLY PLOTTED IN AREAS WHERE SUBSURFACE WORK IS TO BE PERFORMED. THESE UTILITIES ARE PLOTTED FROM UTILITY RECORDS. CONFLICTS ARE NOT ANTICIPATED.
- 5 TRANSVERSE AND LONGITUDINAL CRACKS SHALL BE FILLED PRIOR TO OVERLAY OR APPLICATION OF THE ASPHALT-RUBBER STRESS ABSORBING TREATMENT. WHEN THE PAVEMENT IS TO BE OVERLAIN WITH O.G.A.C. ONLY, ALL CRACKS SHALL BE FILLED WITH AN ASPHALT-RUBBER MATERIAL (SEE SPECIAL PROVISIONS). WHEN ASPHALT-RUBBER STRESS ABSORBING TREATMENT IS TO BE APPLIED, THE CRACKS, 1/4" INCH AND LARGER, SHALL BE FILLED WITH A BITUMINOUS MATERIAL.
- 6 THE RIDGE PRODUCED BY THE EDGE OF THE O.G.A.C. OVERLAY SHALL BE A MINIMUM AT INTERSECTIONS FEATHER THE O.G.A.C. OVERLAY IN A MINIMUM OF 5' BEYOND THE INDICATED EDGE OF THE OVERLAY.
- 7 THE SEAM BETWEEN PASSES OF THE O.G.A.C. OVERLAY SHALL COINCIDE, AS CLOSELY AS POSSIBLE, WITH THE LANE LINE.
- 8 IF A TAPER IS INDICATED IN THE O.G.A.C. OVERLAY THE CONTRACTOR, AT HIS OPTION MAY "SQUARE OFF" THE OVERLAY. THE "SQUARE OFF" SHALL BE LOCATED TO GIVE THE PROPER LANE WIDTH AS SHOWN ON THE STRIPING PLAN.
- 9 PULLBOXES FOR SPlicing DETECTOR CONDUCTORS AND LEAD-IN CABLE ARE ADJACENT TO DETECTORS; EXCEPTION PRESENCE DETECTORS.



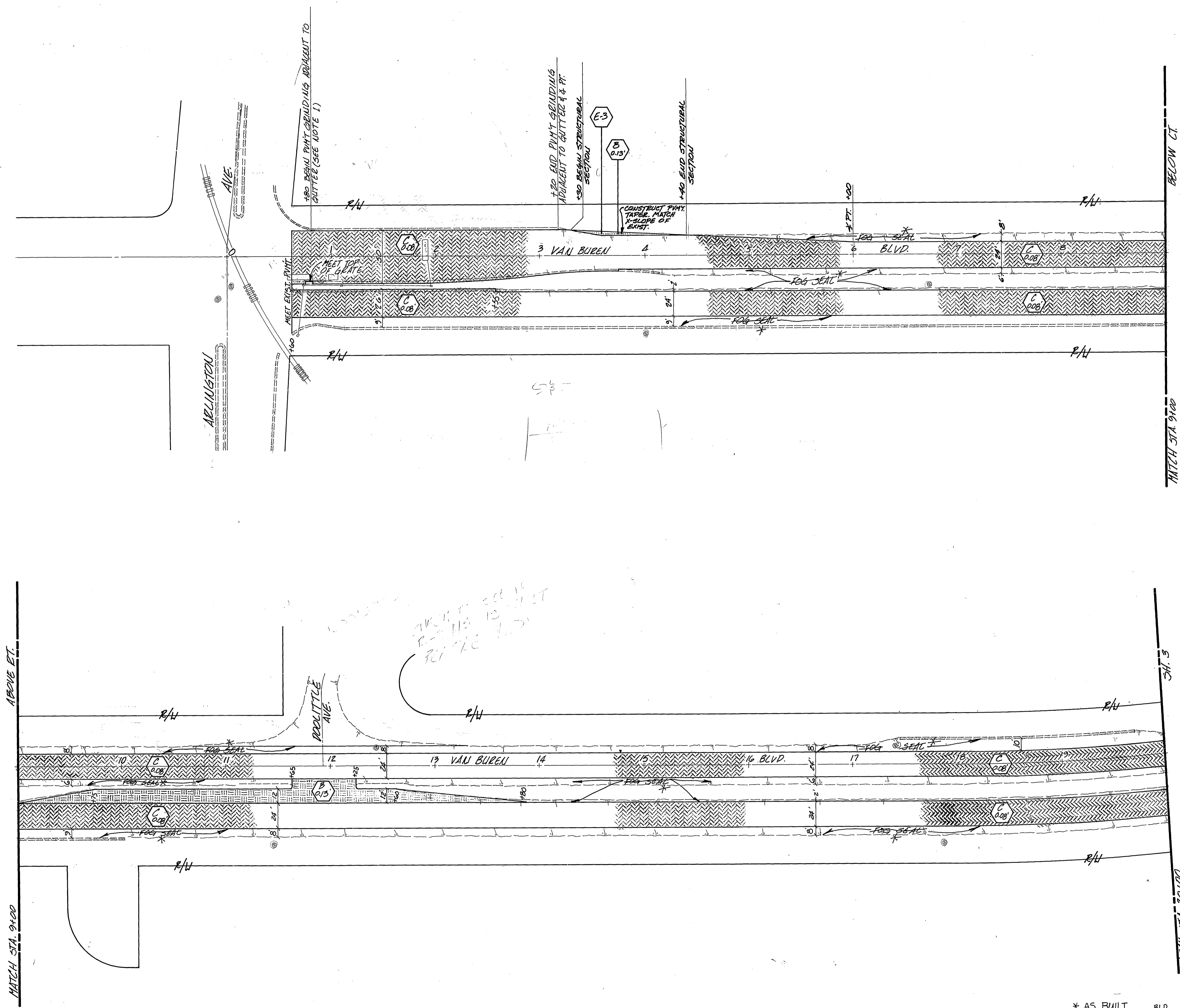
PROJECT LOCATION PLAN

SCALE 1" = 1 MILE ±

\* AS BUILT BLD 1-29-85

FOR SHEETS  
19-22 SEE  
R-2502

<b>CITY OF RIVERSIDE</b>		<b>REHABILITATION OF MAJOR CITY STREETS 1983</b>		ACCOUNT No. 30-575-205-07
<b>PUBLIC WORKS DEPARTMENT</b>		<b>REHABILITATION OF MAJOR CITY STREETS 1983</b>		DRAWING NUMBER
APPROVED BY: <i>[Signature]</i> DATE: 1/29/83		APPROVED BY: <i>[Signature]</i> DATE: 1/29/83		<b>R-2489</b>
PRINCIPAL ENGINEER: <i>[Signature]</i>		TRAFFIC DIVISION: <i>[Signature]</i>		SHEET 1 OF 42
CHIEF P.W. ENGINEER: <i>[Signature]</i>		DATE: 8/1/83		DESIGNED BY: <i>[Signature]</i> DRAWN BY: <i>[Signature]</i> CHECKED BY: <i>[Signature]</i>



- NOTES FOR VAN BUREN BLVD.
1. GRIND EXIST. A.C. TO A DEPTH OF 0.13' AT THE GUTTER LIP AND DAYLIGHT IN 5'. PLACE THE O.G.A.C. OVERLAY SUCH THAT THE SURFACE SHALL BE FLUSH WITH THE GUTTER LIP. (TYPE I)
  2. THE LIMITS SHOWN FOR 'C' INDICATE THE LOCATION OF THE ASPHALT-RUBBER STRESS ABSORBING TREATMENT ONLY. THE O.G.A.C. OVERLAY SHALL EXTEND 1' BEYOND THE EDGE OF THE TREATMENT (WHERE APPLICABLE), AND MEET THE EXIST. PAVEMENT.
  3. GRINDING OF FAILED PORTIONS OF PAVEMENT THAT ARE MARKED BY THE ENGINEER AT THE TIME OF CONSTRUCTION, SHALL BE TO A DEPTH OF 0.25'. THESE AREAS SHALL BE FILLED WITH DENSE GRADED A.C. AND COMPACTED PRIOR TO THE PLACEMENT OF THE ASPHALT-RUBBER STRESS ABSORBING TREATMENT AND THE O.G.A.C. OVERLAY (TYPE II)

WORK TO BE DONE  
 1. GRIND 13' LIP  
 2. REPAIR 13'

QUANTITIES FOR VAN BUREN BLVD.

ITEM	QUANTITY	ITEM	QUANTITY
OPEN GRADED ASPHALT CONCRETE	2850 TONS	AC PAVEMENT GRINDING, TYPE II	28,300 SY/61'
DENSE GRADED ASPHALT CONCRETE	2700 TONS	ASPHALT RUBBER STRESS ABS. TREAT.	42,500 S.Y.
FOG SEAL	16,100 S.Y.	BASE	330 S.Y.
AC PAVEMENT GRINDING, TYPE I	1,200 S.Y.	EXCAVATION	830 S.Y.

**CITY OF RIVERSIDE**  
 PUBLIC WORKS DEPARTMENT

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 PRINCIPAL ENGINEER

APPROVED BY: *Michael J. Walsh* DATE: 8/1/83  
 PUBLIC WORKS DIRECTOR

TRAFFIC DIVISION: 7/20/83  
 CHIEF P. W. ENGINEER

DESIGNED BY: *SE* DRAWN BY: *CL* CHECKED BY: *CLW* DATE: 8/1/83

\* AS BUILT BLD 1-29-85

INDEX 147

ACCOUNT NO30-575-205-07

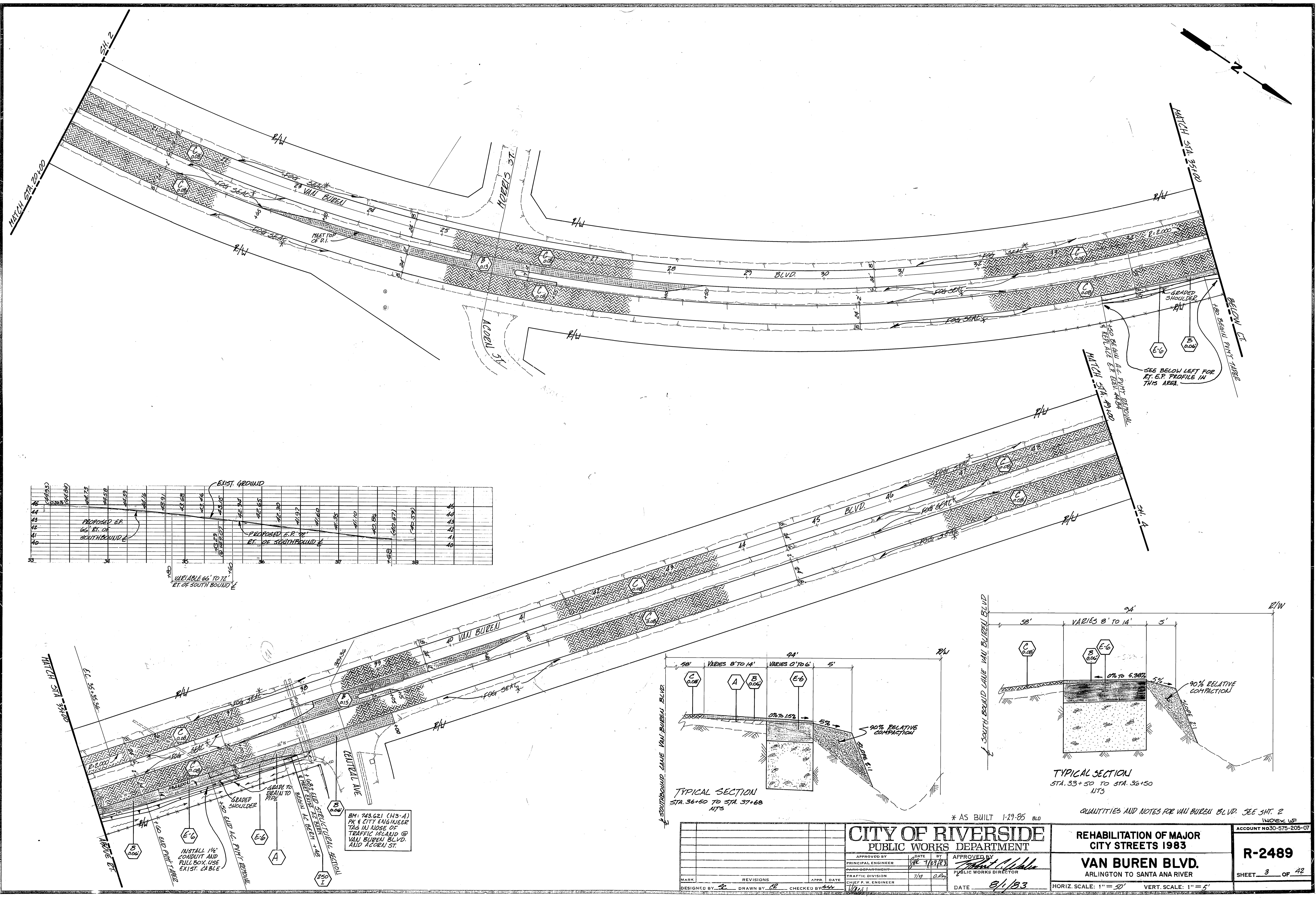
**REHABILITATION OF MAJOR CITY STREETS 1983**

**VAN BUREN BLVD.**  
 ARLINGTON TO SANTA ANA RIVER

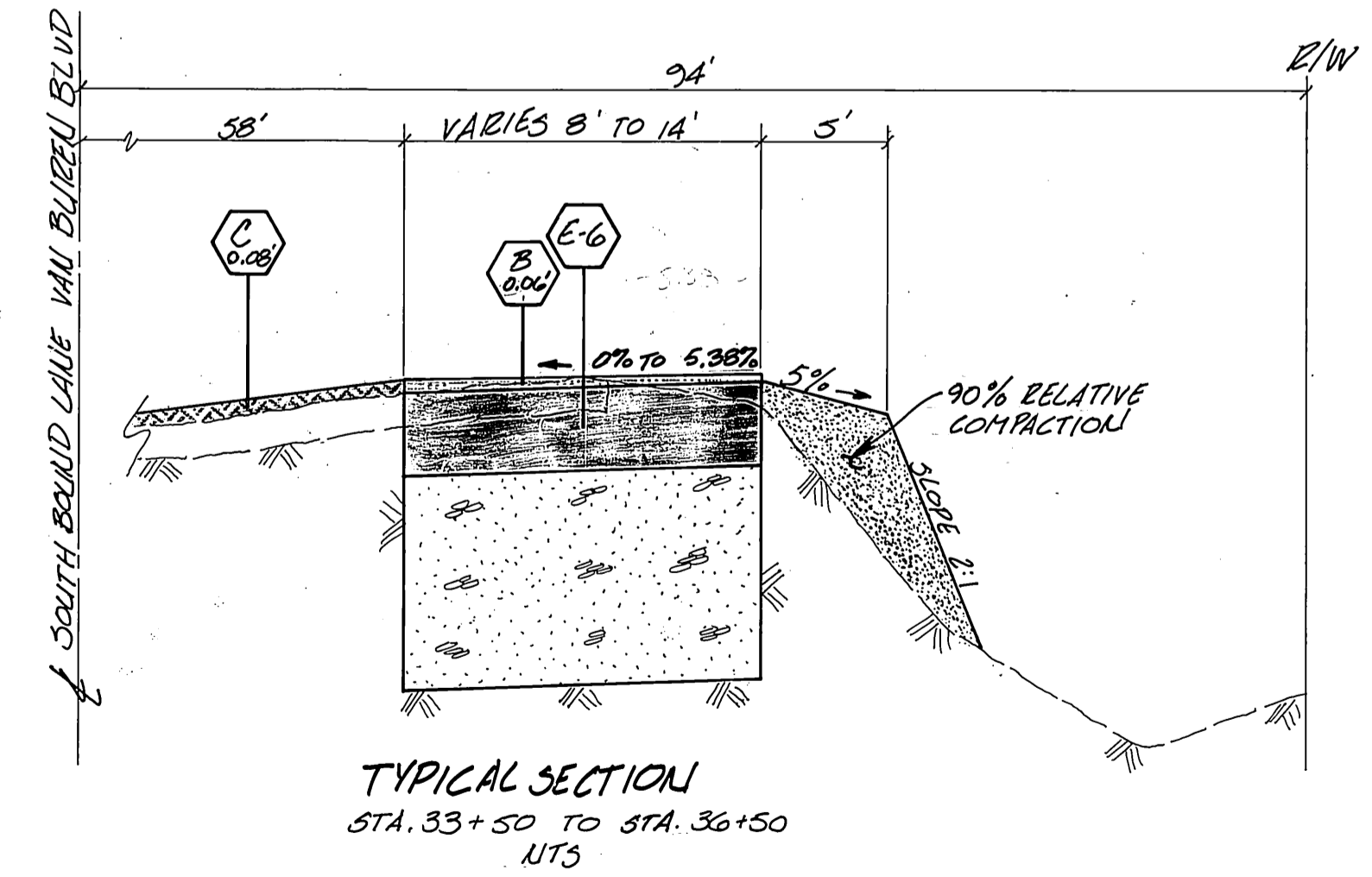
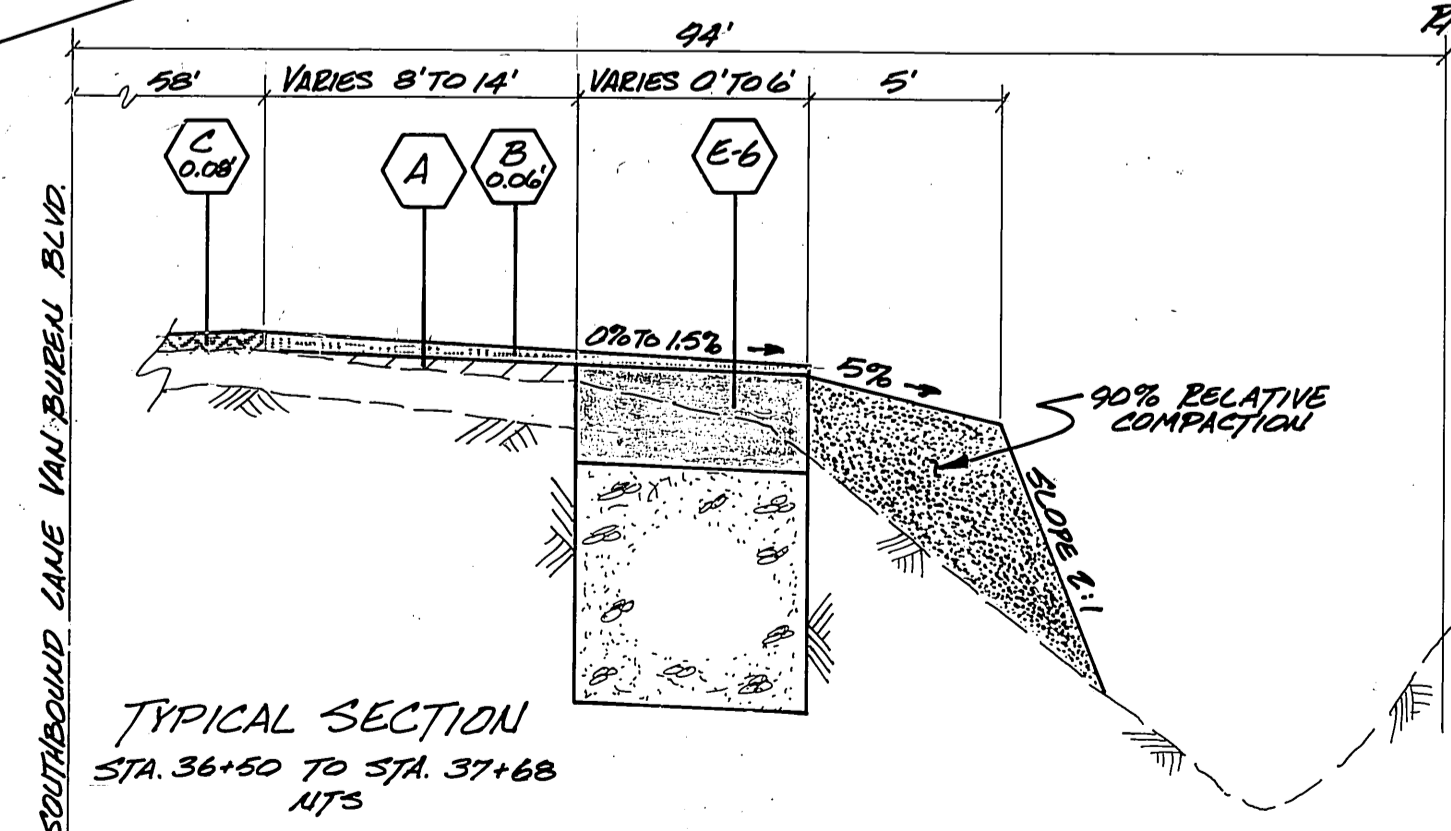
**R-2489**

SHEET 2 OF 42

HORIZ. SCALE: 1" = 50'



STATION	EXIST. GROUND	PROPOSED E.P. RT. OF SOUTHBOUND	PROPOSED E.P. RT. OF SOUTHBOUND
38	42.85	42.85	42.85
39	42.85	42.85	42.85
40	42.85	42.85	42.85
41	42.85	42.85	42.85
42	42.85	42.85	42.85
43	42.85	42.85	42.85
44	42.85	42.85	42.85
45	42.85	42.85	42.85
46	42.85	42.85	42.85
47	42.85	42.85	42.85
48	42.85	42.85	42.85
49	42.85	42.85	42.85
50	42.85	42.85	42.85
51	42.85	42.85	42.85
52	42.85	42.85	42.85
53	42.85	42.85	42.85
54	42.85	42.85	42.85
55	42.85	42.85	42.85
56	42.85	42.85	42.85
57	42.85	42.85	42.85
58	42.85	42.85	42.85
59	42.85	42.85	42.85
60	42.85	42.85	42.85
61	42.85	42.85	42.85
62	42.85	42.85	42.85
63	42.85	42.85	42.85
64	42.85	42.85	42.85
65	42.85	42.85	42.85
66	42.85	42.85	42.85
67	42.85	42.85	42.85
68	42.85	42.85	42.85
69	42.85	42.85	42.85
70	42.85	42.85	42.85
71	42.85	42.85	42.85
72	42.85	42.85	42.85
73	42.85	42.85	42.85
74	42.85	42.85	42.85
75	42.85	42.85	42.85
76	42.85	42.85	42.85
77	42.85	42.85	42.85
78	42.85	42.85	42.85
79	42.85	42.85	42.85
80	42.85	42.85	42.85
81	42.85	42.85	42.85
82	42.85	42.85	42.85
83	42.85	42.85	42.85
84	42.85	42.85	42.85
85	42.85	42.85	42.85
86	42.85	42.85	42.85
87	42.85	42.85	42.85
88	42.85	42.85	42.85
89	42.85	42.85	42.85
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91	42.85	42.85	42.85
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95	42.85	42.85	42.85
96	42.85	42.85	42.85
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98	42.85	42.85	42.85
99	42.85	42.85	42.85
100	42.85	42.85	42.85

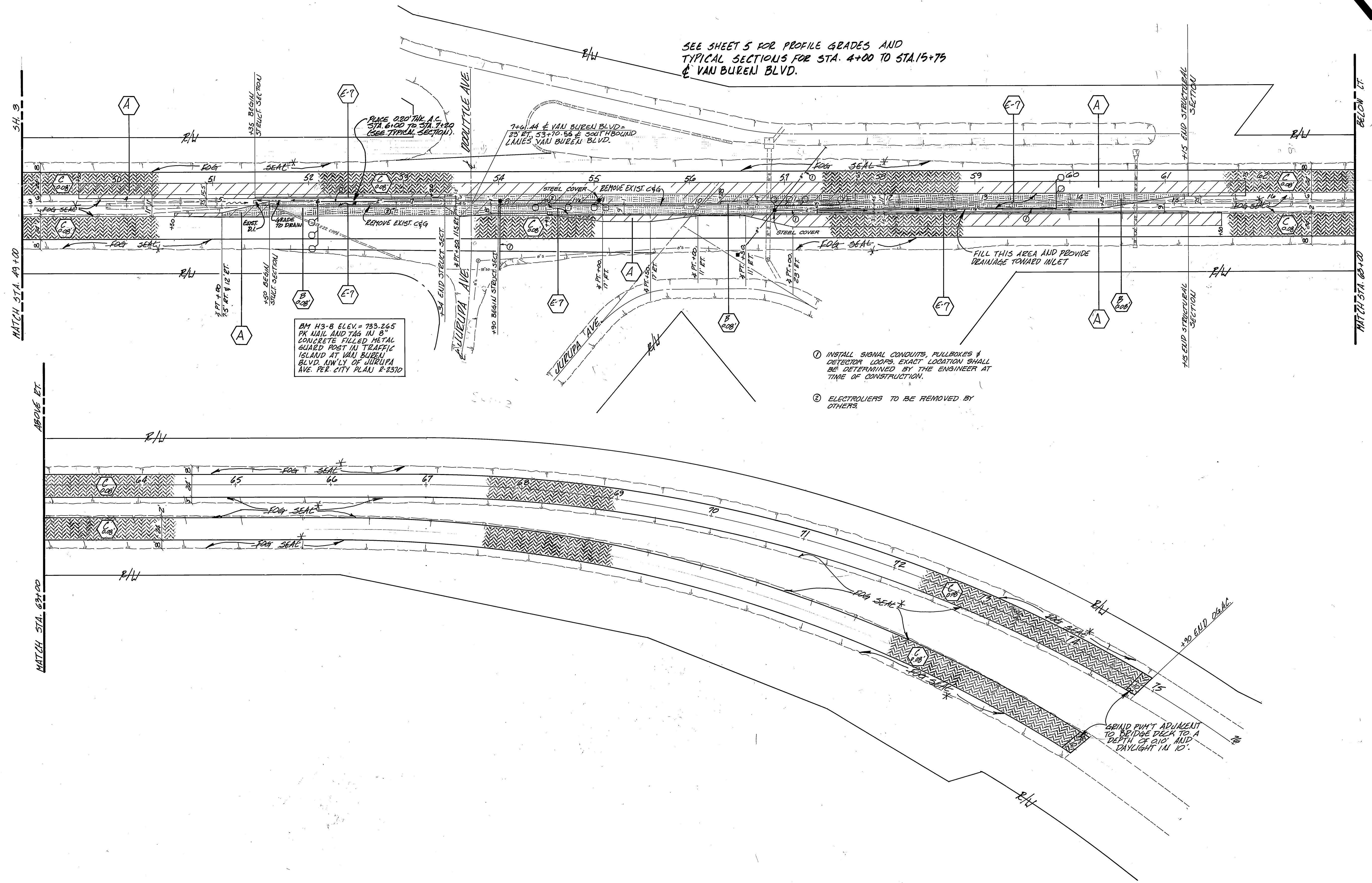
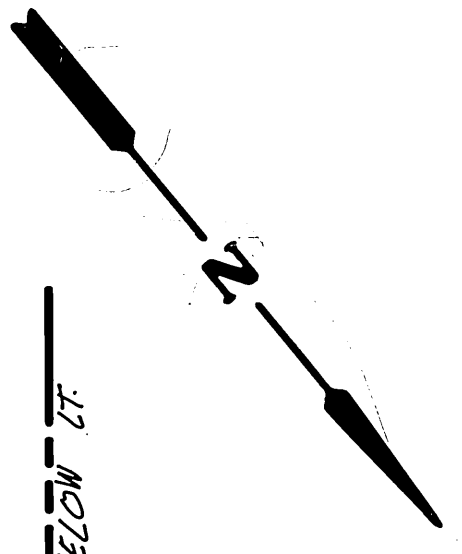


\* AS BUILT 1-29-85 BLD

QUANTITIES AND NOTES FOR VAN BUREN BLVD. SEE SHT. 2

<b>CITY OF RIVERSIDE</b>		INVOICE #	
PUBLIC WORKS DEPARTMENT		ACCOUNT NO 30-575-205-07	
APPROVED BY	DATE	APPROVED BY	DATE
PRINCIPAL ENGINEER	7/1/83	PRINCIPAL ENGINEER	7/1/83
TRAFFIC DIVISION	7/1/83	TRAFFIC DIVISION	7/1/83
CHIEF P.W. ENGINEER		CHIEF P.W. ENGINEER	
DESIGNED BY	DR	CHECKED BY	DR
DRAWN BY	DR	CHECKED BY	DR
DATE	8/1/83	DATE	8/1/83
REVISIONS		REVISIONS	
APPR. DATE		APPR. DATE	
MARK		MARK	

<b>REHABILITATION OF MAJOR CITY STREETS 1983</b>	
<b>VAN BUREN BLVD.</b>	
ARLINGTON TO SANTA ANA RIVER	
R-2489	SHEET 3 OF 42
HORIZ. SCALE: 1" = 50'	VERT. SCALE: 1" = 5'



BM H3-B ELEV. = 733.265  
 PK NAIL AND TAG IN 8"  
 CONCRETE FILLED METAL  
 GUARD POST IN TRAFFIC  
 ISLAND AT VAN BUREN  
 BLVD. NWLY OF JURUPA  
 AVE. PER CITY PLAN P-2370

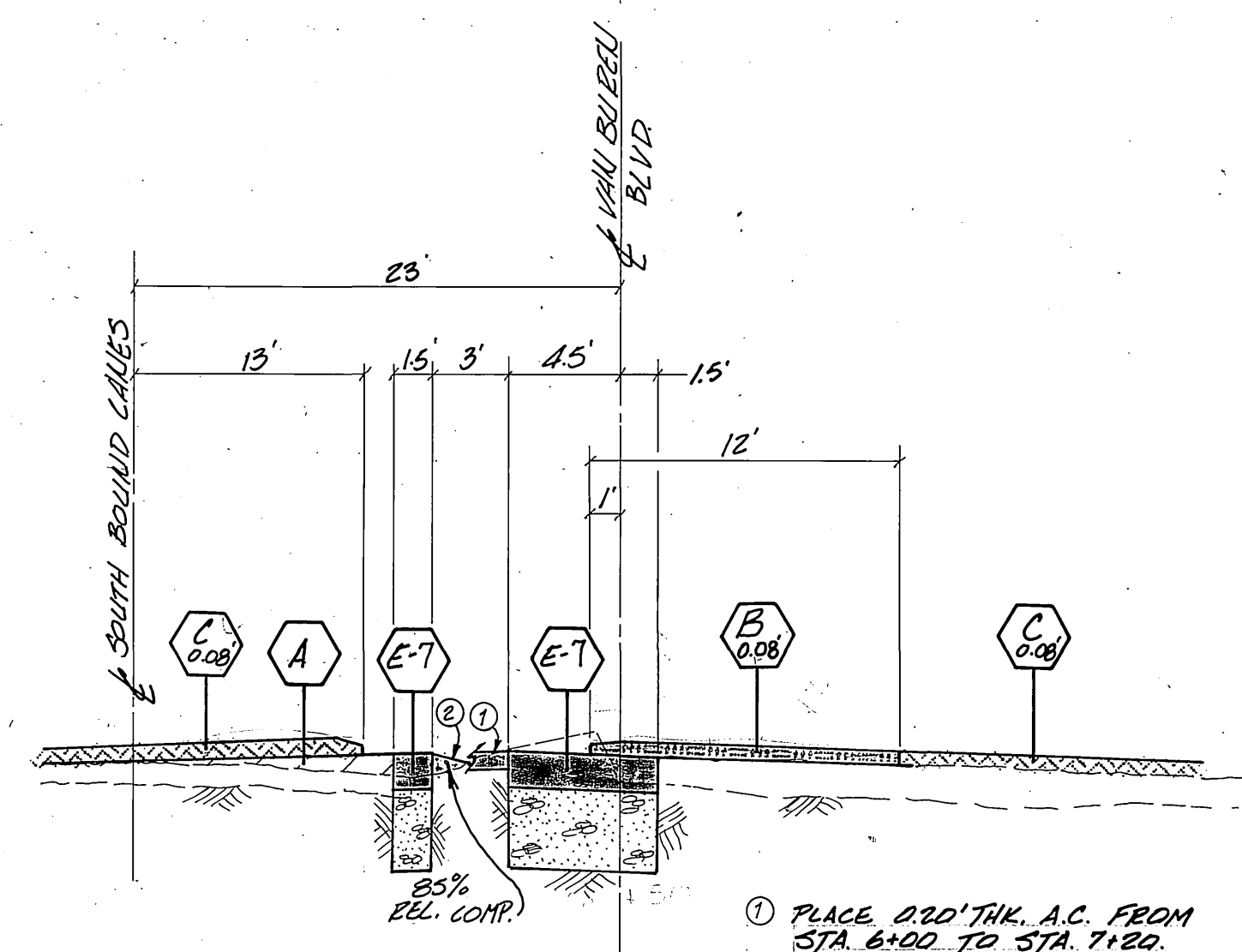
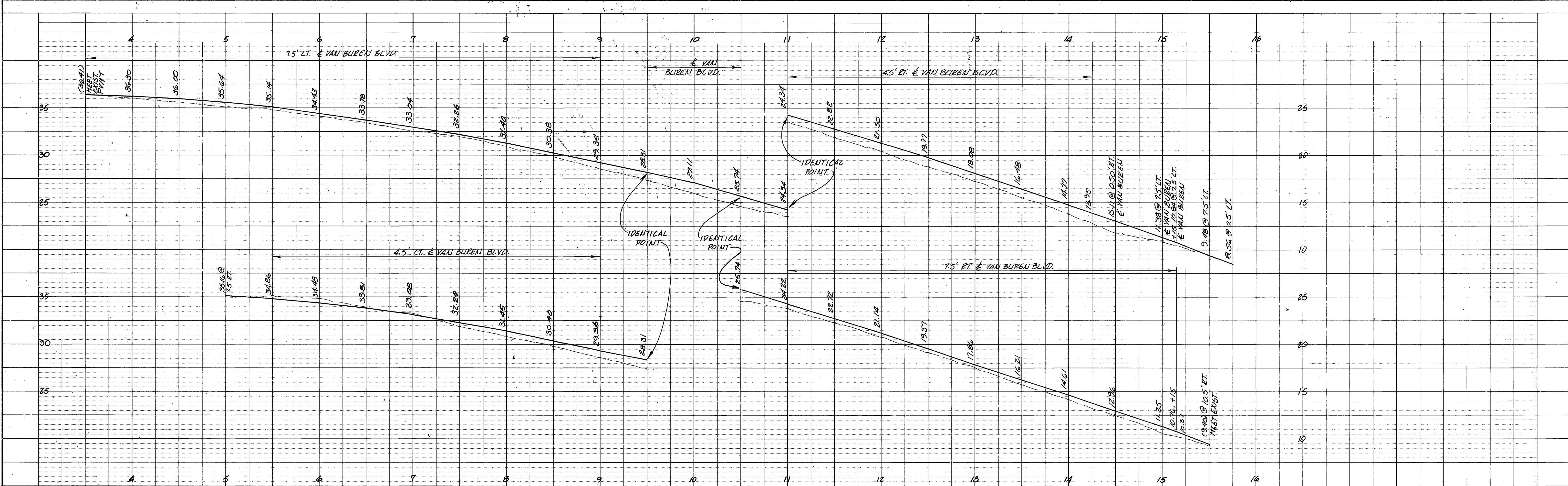
- ① INSTALL SIGNAL CONDUITS, PULLBOXES & DETECTOR LOOPS. EXACT LOCATION SHALL BE DETERMINED BY THE ENGINEER AT TIME OF CONSTRUCTION.
- ② ELECTROLIERS TO BE REMOVED BY OTHERS.

GRIND PUNT ADJUNCT  
 TO BRIDGE DECK TO A  
 DEPTH OF 210' AND  
 DAYLIGHT IN 10'.

\* AS BUILT BLD 1-29-85

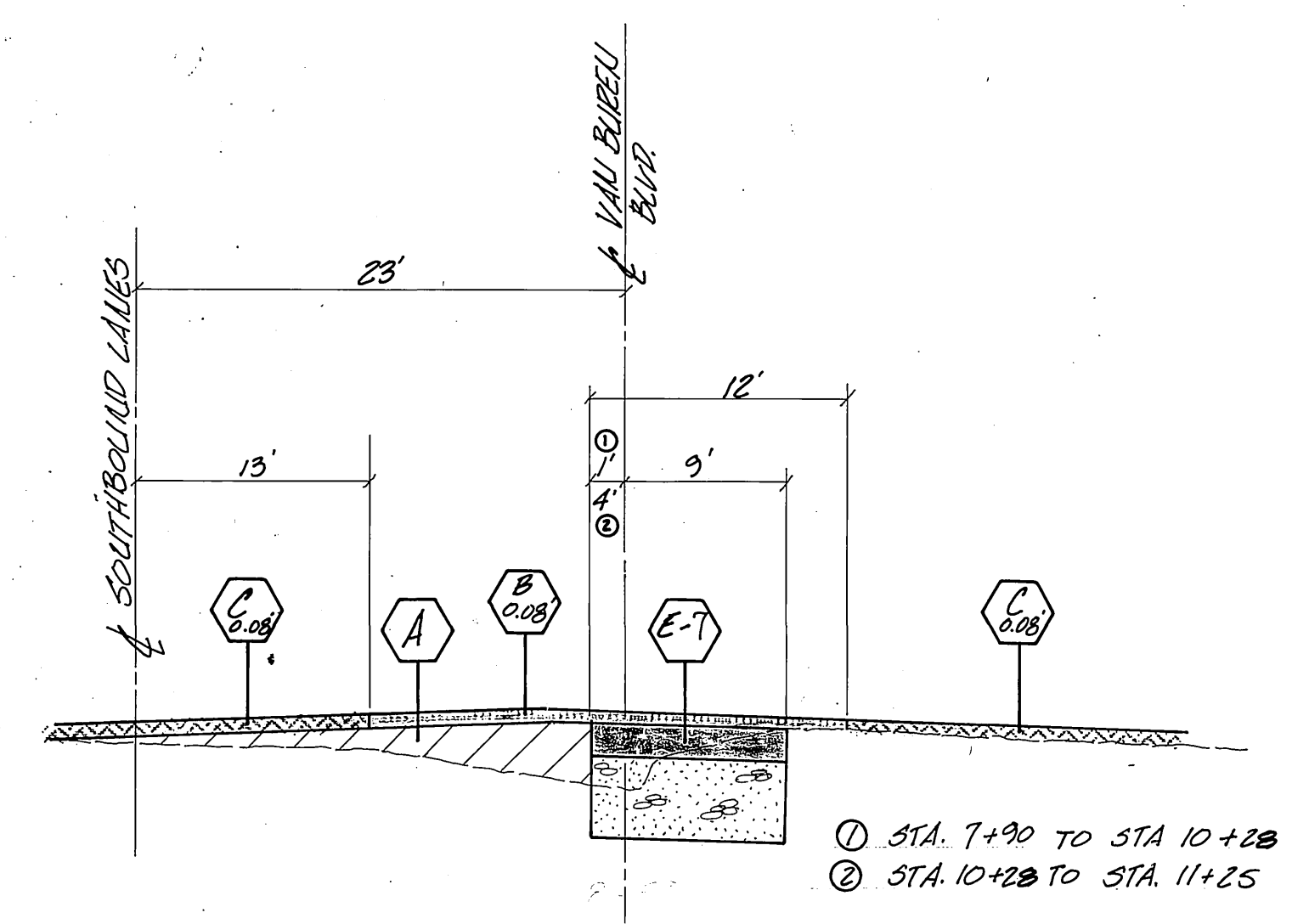
QUANTITIES AND NOTES FOR VAN BUREN BLVD. SEE SHT. 2

<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		APPROVED BY _____ DATE _____ BY _____	
		PRINCIPAL ENGINEER	
DESIGNED BY: <u>3</u> DRAWN BY: <u>CL</u> CHECKED BY: <u>MM</u>		TRAFFIC DIVISION DATE: <u>8/1/83</u>	
CHIEF P. W. ENGINEER		PUBLIC WORKS DIRECTOR	
REVISIONS		ACCOUNT NO 30-575-205-07	
INDEX		<b>R-2489</b>	
SHEET 4 OF 42		HORIZ. SCALE: 1" = 50'	



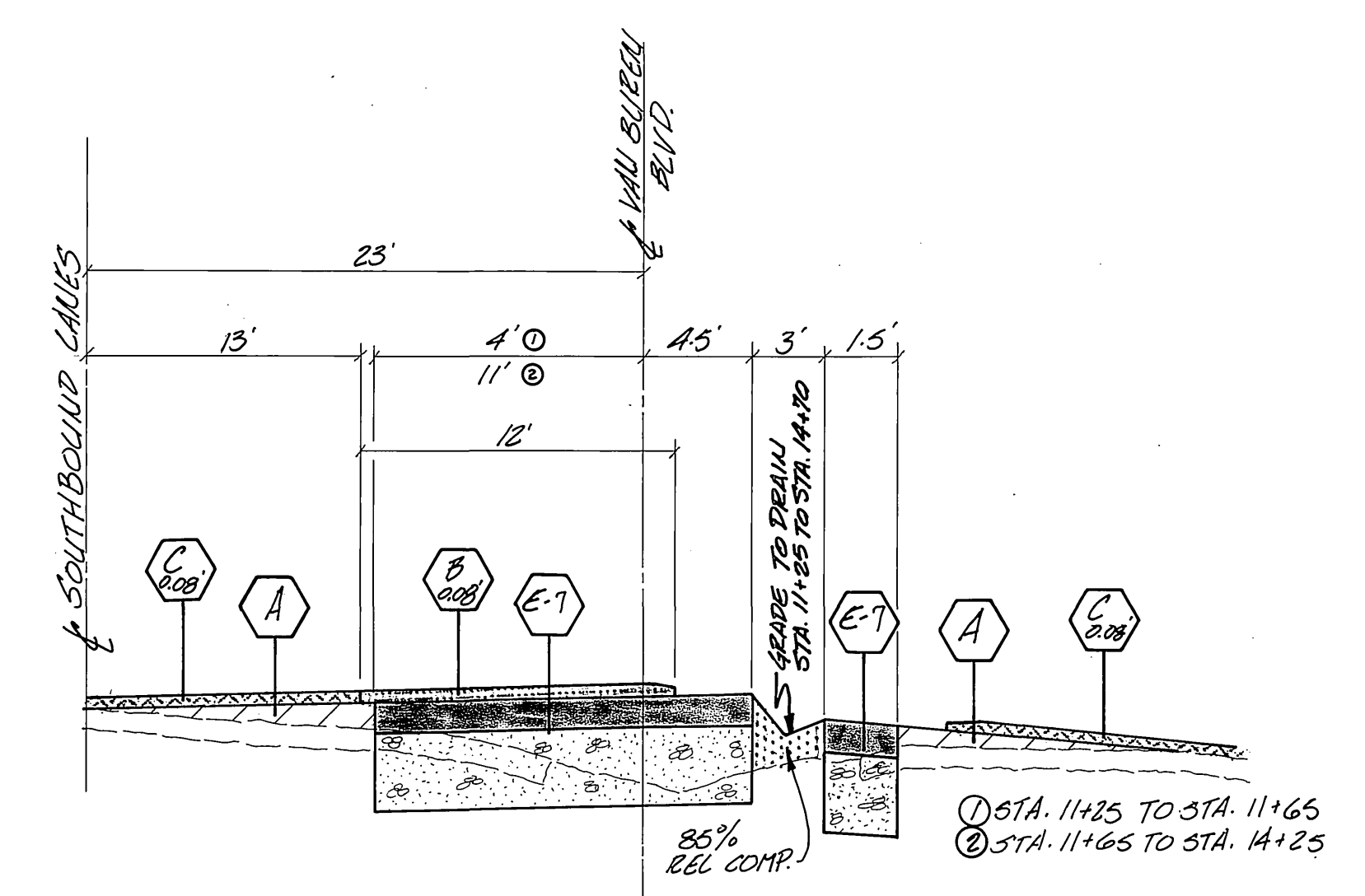
**TYPICAL SECTION**  
STA. 5+30 TO STA. 7+20  
& VAN BUREN BLVD.  
N.T.S.

- ① PLACE 0.02" THK. A.C. FROM STA. 6+00 TO STA. 7+20.
- ② GRADE TO DRAIN FROM STA. 5+35 TO STA. 6+00.



**TYPICAL SECTION**  
STA. 7+90 TO STA. 11+25  
& VAN BUREN BLVD.  
N.T.S.

- ① STA. 7+90 TO STA. 10+28
- ② STA. 10+28 TO STA. 11+25

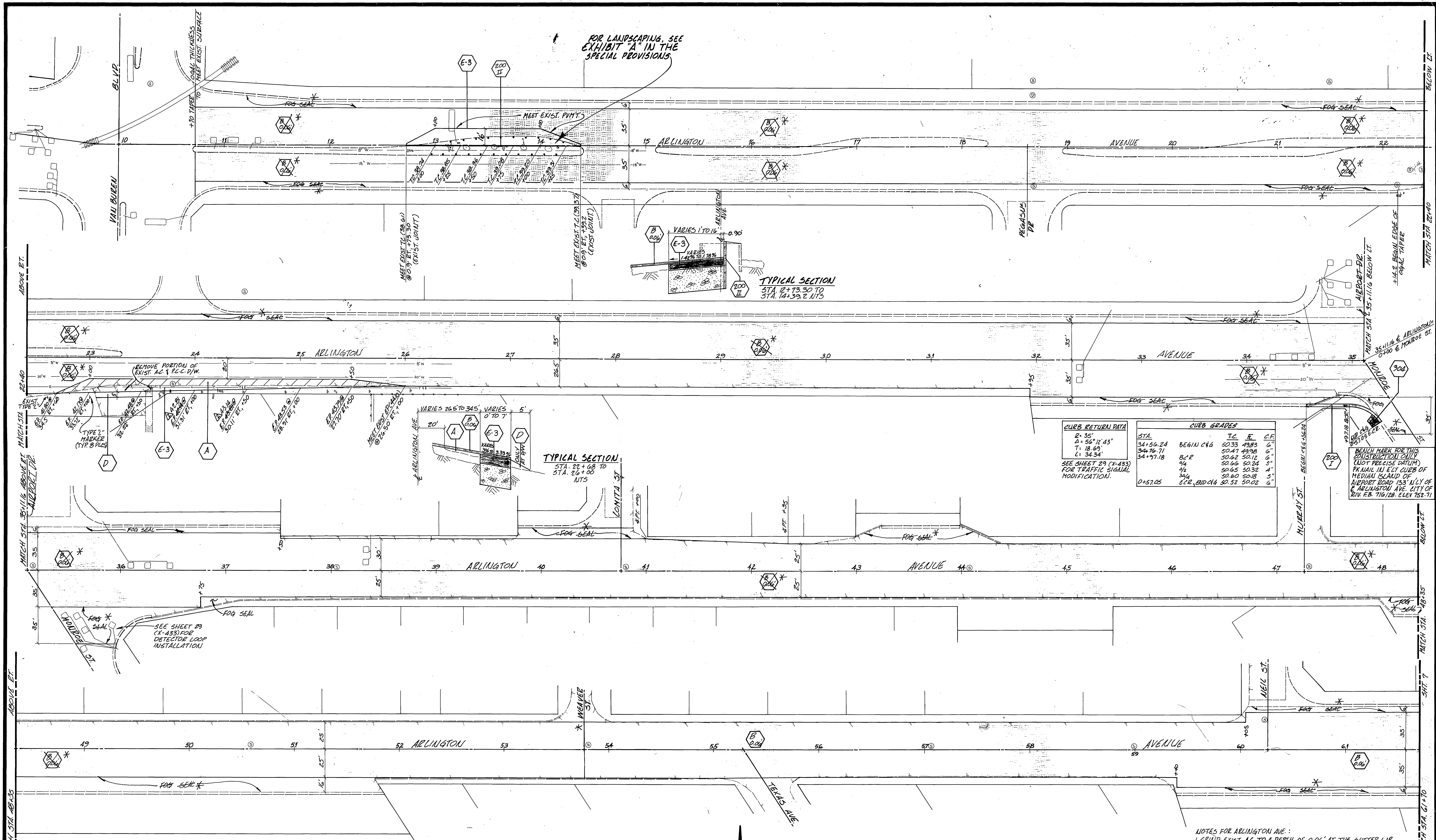


**TYPICAL SECTION**  
STA. 11+25 TO STA. 14+25  
& VAN BUREN BLVD.  
N.T.S.

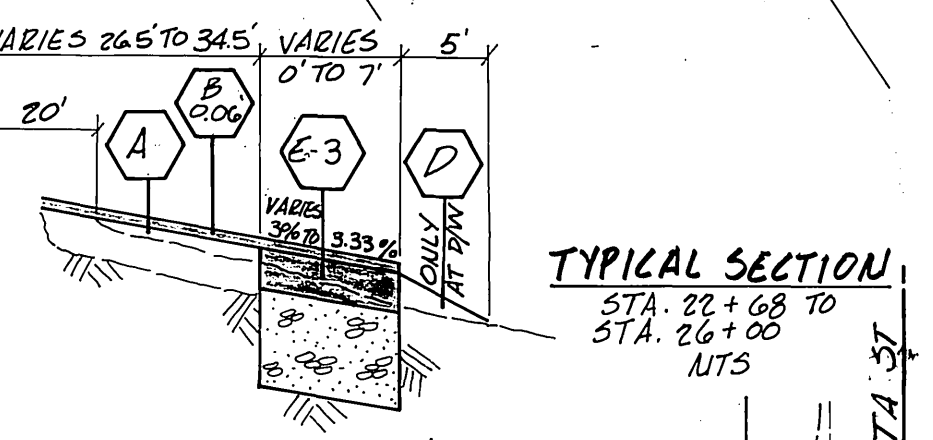
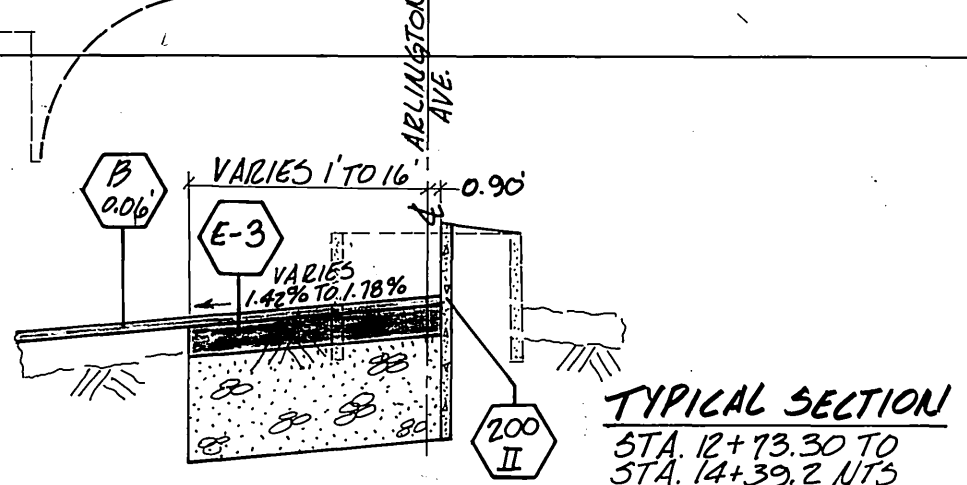
- ① STA. 11+25 TO STA. 11+65
- ② STA. 11+65 TO STA. 14+25

\* AS BUILT BLD 1-29-85 QUANTITIES AND NOTES FOR VAN BUREN BLVD. SEE SHT. 2

<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		APPROVED BY: <i>[Signature]</i> DATE: 8/1/83	
		PUBLIC WORKS DIRECTOR	
PRINCIPAL ENGINEER: <i>[Signature]</i> DATE: 7/27/83		CHIEF P. W. ENGINEER: <i>[Signature]</i> DATE: 8/1/83	
TRAFFIC DIVISION: 7/83		DATE: 8/1/83	
DESIGNED BY: <i>[Signature]</i>		DRAWN BY: <i>[Signature]</i>	
CHECKED BY: <i>[Signature]</i>		ACCOUNT NO. 30-576-295-07	
INDEX: WF		<b>R-2489</b>	
REVISIONS:		SHEET:	
HORIZ. SCALE: 1" = 50'		VERT. SCALE: 1" = 5'	



FOR LANDSCAPING, SEE EXHIBIT "A" IN THE SPECIAL PROVISIONS



CURB RETURN DATA		CURB GRADES			
R = 35'		STA.	T.C.	E	C.F.
Δ = 56° 12' 43"		34+56.24	BEGIN C&G	50.33	49.85
T = 18.69'		34+76.71	B&P	50.41	49.98
C = 34.34'		34+97.18	B&P	50.62	50.12
			4A	50.66	50.24
			4B	50.65	50.32
			3A	50.60	50.18
		0+57.05	E&E, END C&G	50.52	50.02

NOTE: THIS PROJECT DELETED \* O.G.A.C. ON ARLINGTON BETWEEN VAN BUREN AND WEAVER

QUANTITIES FOR ARLINGTON AVENUE

ITEM	QUANTITY	ITEM	QUANTITY
OPEN GRADED ASPHALT CONCRETE	4,500 TONS	A.C. P.V.M.Y. BANDING (TYPE I)	22,100 S.F.
DENSE GRADED ASPHALT CONCRETE	200 TONS	WHEEL CHAIR B&P	1 EA.
FOG SEAL	16,100 S.Y.	CSP INLET STRUCTURE	1 EA.
CURB, TYPE II	166 L.F.	CRACK SEALING	10,000 L.F.
CURB, CURBS & GUTTER REMOVAL	285 L.F.	TRAFFIC SIGNAL RELOCATION	
CROSS GUTTER & SPANDEK	304 S.F.	ADD SWEEP. TR. FRAME & CONE TO CURVE	55 EA.
A.C. B&P, STD. 250, TYPE I	360 L.F.	REPLACE TRAFFIC SIGNAL PROTECTOR COOPS	3 EA.
B&P	350 S.Y.	TYPE II MARKERS	8 EA.
UNCLASSIFIED EXCAVATION	600 C.Y.	CURBS & GUTTER, TYPE I	166 L.F.
ASPHALT-RUBBER S.A.T.	6,800 S.Y.		

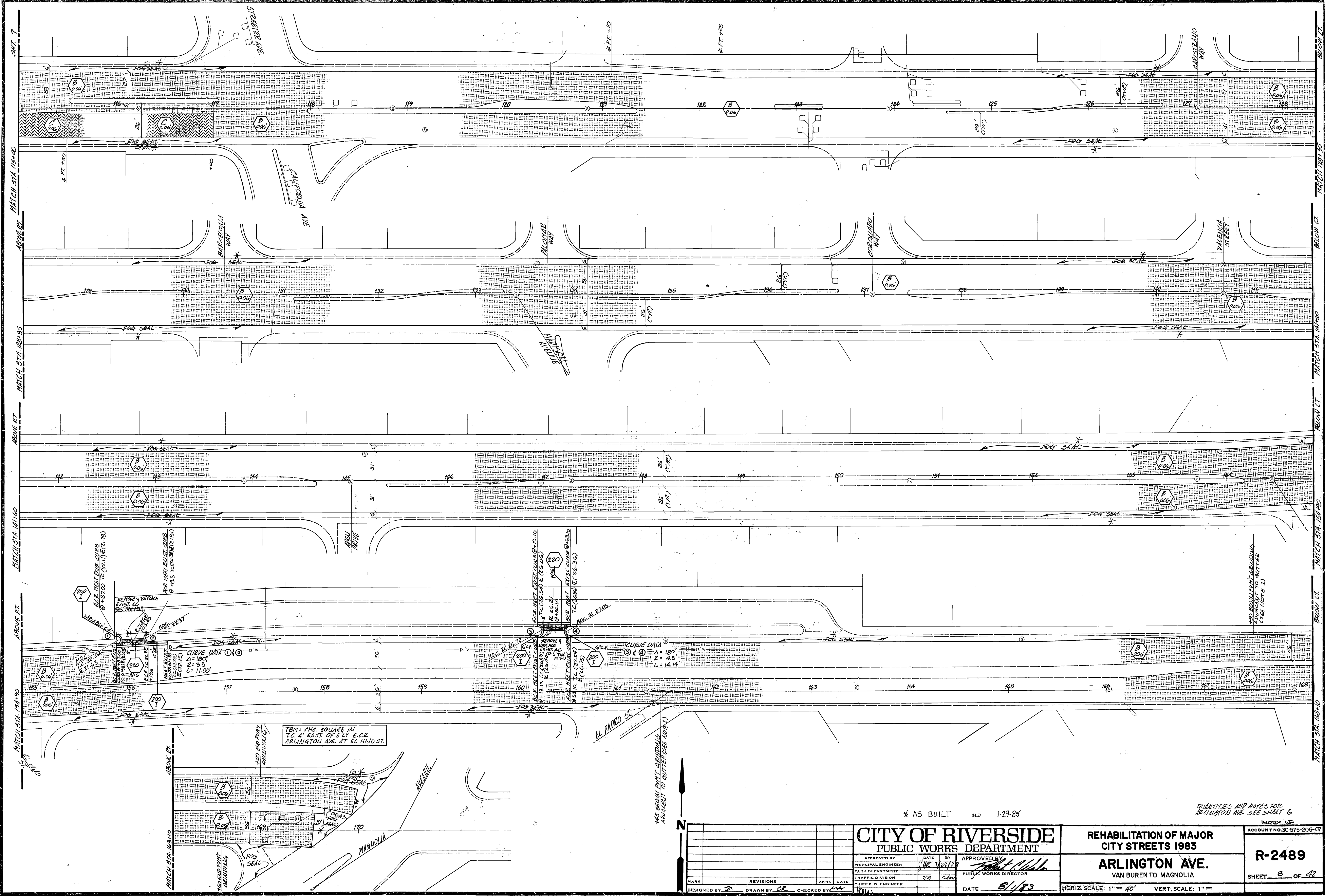
BM 756.332 BEASS DISK CAPPED AT THE INTERSECTION OF VAN BUREN BLVD AND ARLINGTON AVE. PER C&G 384.9

NOTES FOR ARLINGTON AVE.:  
1. GRIND EXIST. A.C. TO A DEPTH OF 0.06' AT THE GUTTER LIP AND DAYLIGHTING IN 5'. PLACE THE O.G.A.C. OVERLAY SUCH THAT THE SURFACE SHALL BE FLUSH WITH THE GUTTER LIP.  
2. GRIND EXIST. A.C. TO A DEPTH OF 0.11' AT THE GUTTER LIP AND DAYLIGHTING IN 5'. PLACE THE O.G.A.C. OVERLAY SUCH THAT THE SURFACE SHALL BE FLUSH WITH THE GUTTER LIP.

AS BUILT 8LD 1-29-85

<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		<b>REHABILITATION OF MAJOR CITY STREETS 1983</b> <b>ARLINGTON AVE.</b> VAN BUREN TO MAGNOLIA		ACCOUNT NO. 30-575-205-07 <b>R-2489</b> SHEET <b>6</b> OF <b>42</b>
APPROVED BY PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION CHIEF P.W. ENGINEER	DATE 7/29/85 7/29 7/29	APPROVED BY <i>[Signature]</i> PUBLIC WORKS DIRECTOR	DATE 8/1/85	HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" =





MATCH STA. 105+00  
 MATCH STA. 128+95  
 MATCH STA. 141+00  
 MATCH STA. 154+00  
 MATCH STA. 168+10

ABOVE ET.  
 ABOVE ET.  
 ABOVE ET.  
 ABOVE ET.  
 ABOVE ET.

E.G.E. MEET EXIST. CURB @ +87.00 TC (22.11) (E. 21.78)  
 BELTONE & BENTON EXIST. AC (25.11) (25.11)  
 E.G.E. MEET EXIST. CURB @ +87.00 TC (22.11) (E. 21.78)  
 E.G.E. MEET EXIST. CURB @ +87.00 TC (22.11) (E. 21.78)  
 E.G.E. MEET EXIST. CURB @ +87.00 TC (22.11) (E. 21.78)

**CURVE DATA**  
 Δ = 180°  
 R = 45'  
 L = 14.14'

TBM: CHS. SQUARE IN T.C. 4' EAST OF ELY E.C.R. ARLINGTON AVE. AT EL HUO ST.

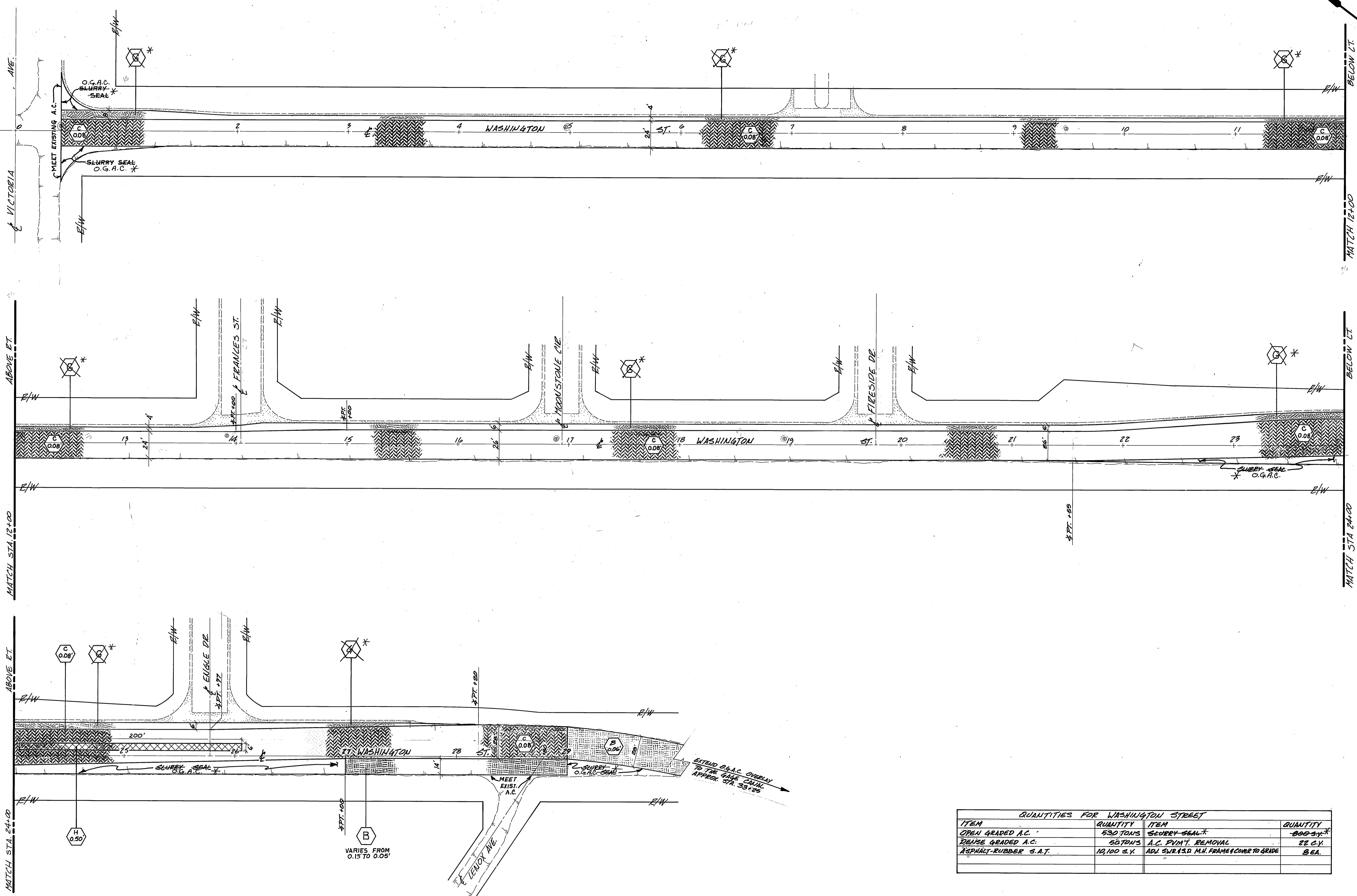
\* AS BUILT 6LD 1-29-85

QUANTITIES AND NOTES FOR ARLINGTON AVE. SEE SHEET 6  
 INDIAN US



<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		<b>REHABILITATION OF MAJOR CITY STREETS 1983</b> <b>ARLINGTON AVE.</b> VAN BUREN TO MAGNOLIA		ACCOUNT NO. 30-575-205-07 <b>R-2489</b> SHEET 8 OF 42
APPROVED BY PRINCIPAL ENGINEER DATE 7/83	APPROVED BY PUBLIC WORKS DIRECTOR DATE 8/1/83	DESIGNED BY DRAWN BY CHECKED BY	REVISIONS APPR. DATE	HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" =





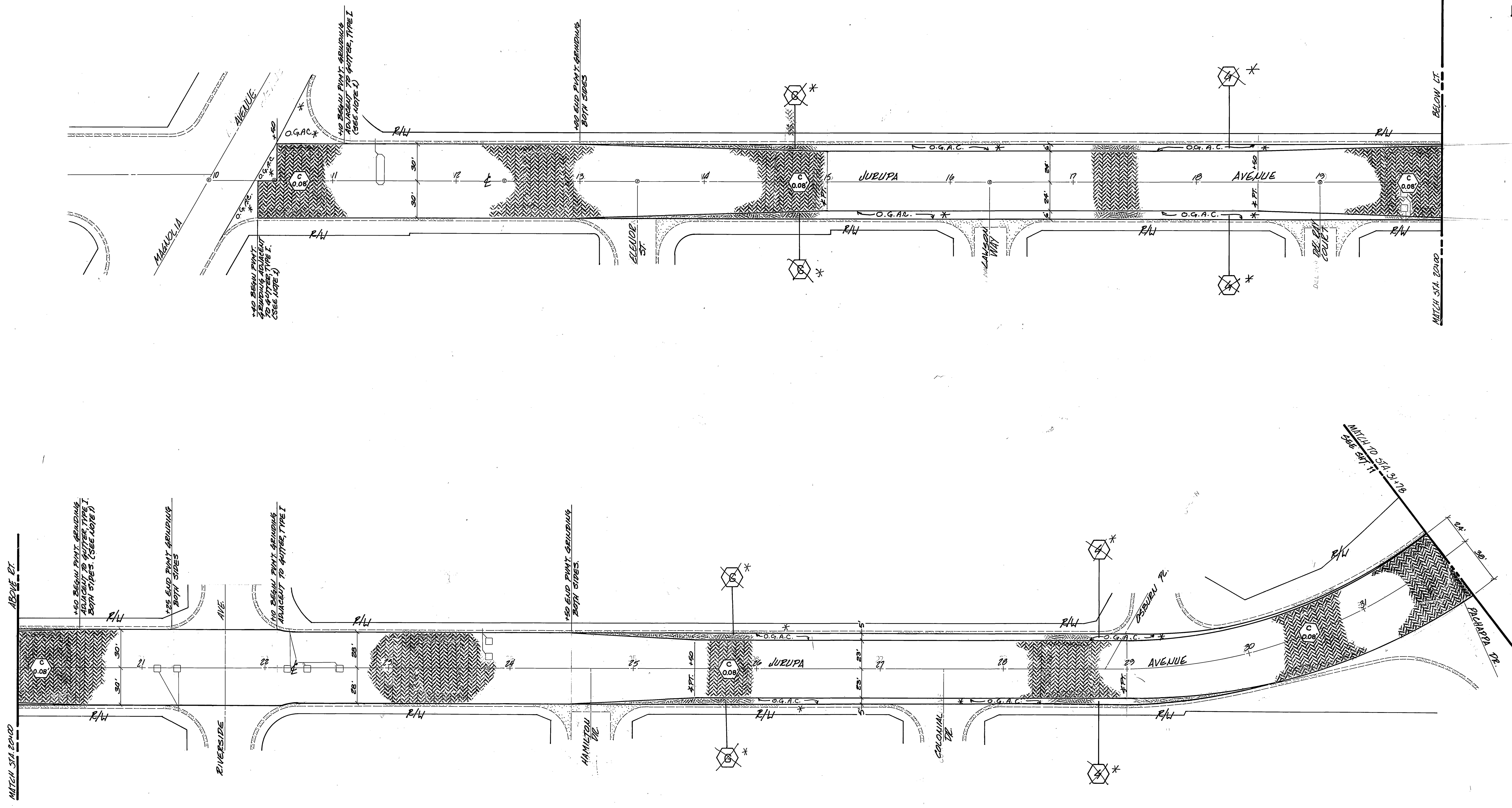
QUANTITIES FOR WASHINGTON STREET

ITEM	QUANTITY	ITEM	QUANTITY
OPEN GRADED A.C.	530 TONS	SLURRY SEAL*	200 S.Y.*
DENSE GRADED A.C.	50 TONS	A.C. PUNT. REMOVAL	22 C.Y.
ASPHALT-RUBBER S.A.T.	10,100 S.Y.	ADJ. SW. 13.D. M.H. FRAME & COVER TO GRADE	2 EA.

\* AS BUILT BLD 1-29-85

<b>CITY OF RIVERSIDE</b>		<b>REHABILITATION OF MAJOR CITY STREETS 1983</b>		ACCOUNT NO. 30-575-205-07	
<b>PUBLIC WORKS DEPARTMENT</b>		<b>WASHINGTON ST.</b>		<b>R-2489</b>	
VICTORIA TO LENOX		VICTORIA TO LENOX		SHEET <u>9</u> OF <u>42</u>	
APPROVED BY	DATE	BY	DATE	APPROVED BY	DATE
PRINCIPAL ENGINEER	7/13/83	<i>[Signature]</i>	8/1/83	PUBLIC WORKS DIRECTOR	
TRAFFIC DIVISION	7/13	D. P. [Signature]			
CHIEF P. W. ENGINEER					
DESIGNED BY	DRAWN BY	CHECKED BY			

HORIZ. SCALE: 1" = 40'

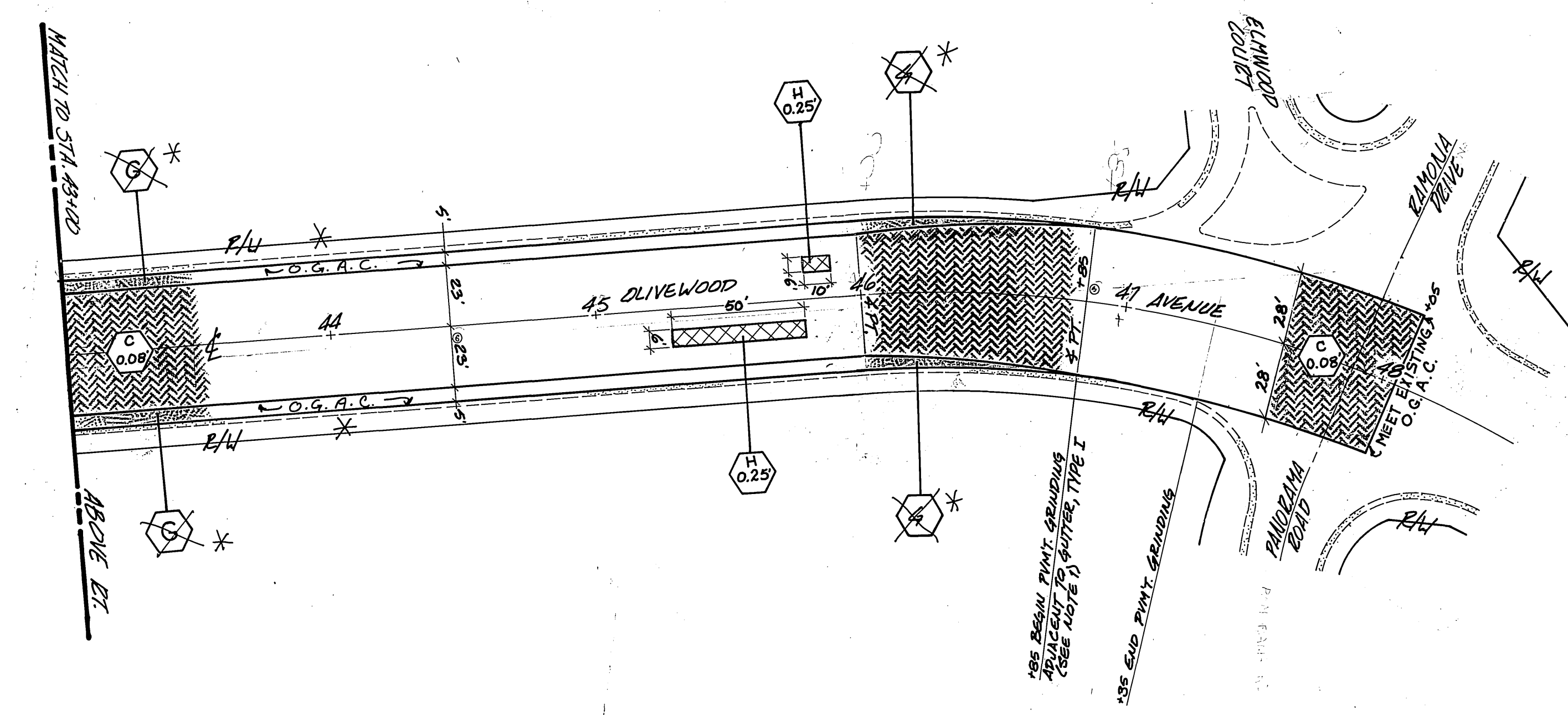
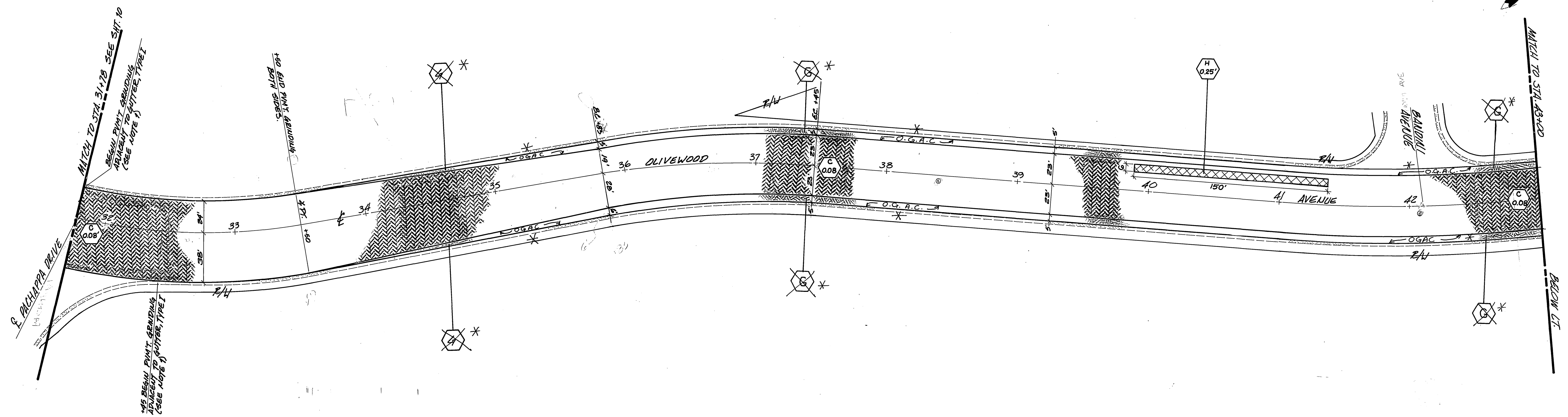


NOTES FOR JURUPA AVE.  
 1. GRIND EXISTING A.C. TO A DEPTH OF 0.13' AT THE GUTTER LIP AND DAYLIGHT IN 6'. PLACE THE O.G.A.C. OVERLAY SUCH THAT THE SURFACE SHALL BE FLUSH WITH THE GUTTER LIP. (A.C. GRINDING, TYPE I)

QUANTITIES FOR JURUPA AVENUE			
ITEM	QUANTITY	ITEM	QUANTITY
OPEN GRADED A.C.	170,000 S.Y.	ARI 5/8" x 3/4" S.D. M.H. FRAME & COVER TO GRADE	SEA
ASPHALT RUBBER S.A.T.	141,500 S.Y.	A.C. PAVT. GRINDING, TYPE I	6,800 S.F.
SLURRY SEAL	14,800 S.Y.		

\* AS BUILT BLD 1-30-85

<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		REHABILITATION OF MAJOR CITY STREETS 1983		ACCOUNT NO. 30-575-205-07
		<b>JURUPA AVE.</b> MAGNOLIA TO OLIVEWOOD		<b>R-2489</b> SHEET 10 OF 42
APPROVED BY <small>PRINCIPAL ENGINEER</small> <small>TRAFFIC DIVISION</small> <small>CHIEF P.W. ENGINEER</small>	DATE 7/27/83	APPROVED BY <small>PUBLIC WORKS DIRECTOR</small>	DATE 8/1/83	HORIZ. SCALE: 1" = 40'
DESIGNED BY DRAWN BY CHECKED BY	REVISIONS APPR. DATE	INDEX UP		

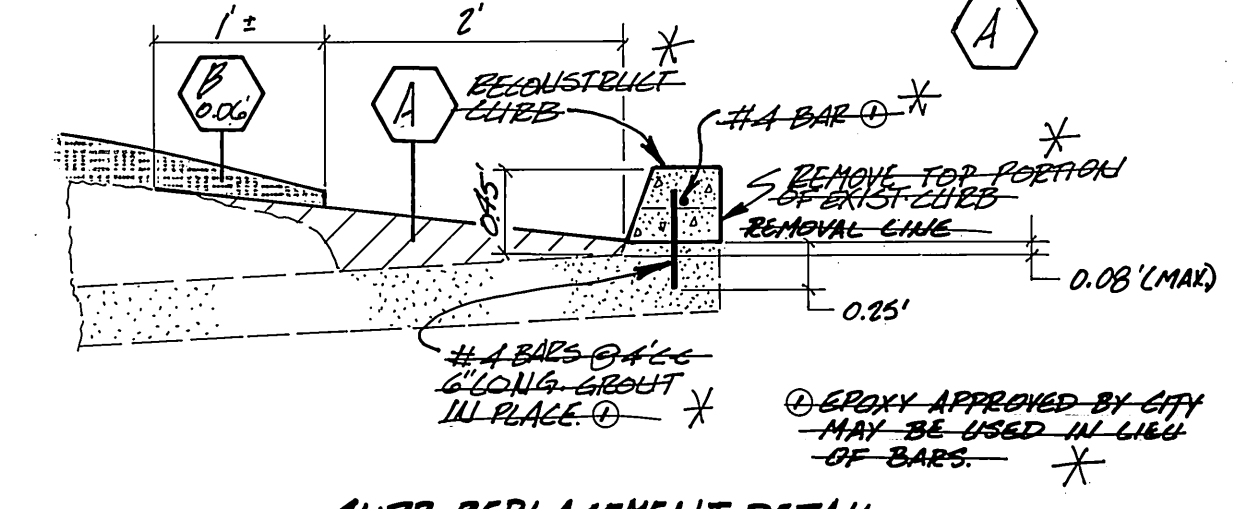
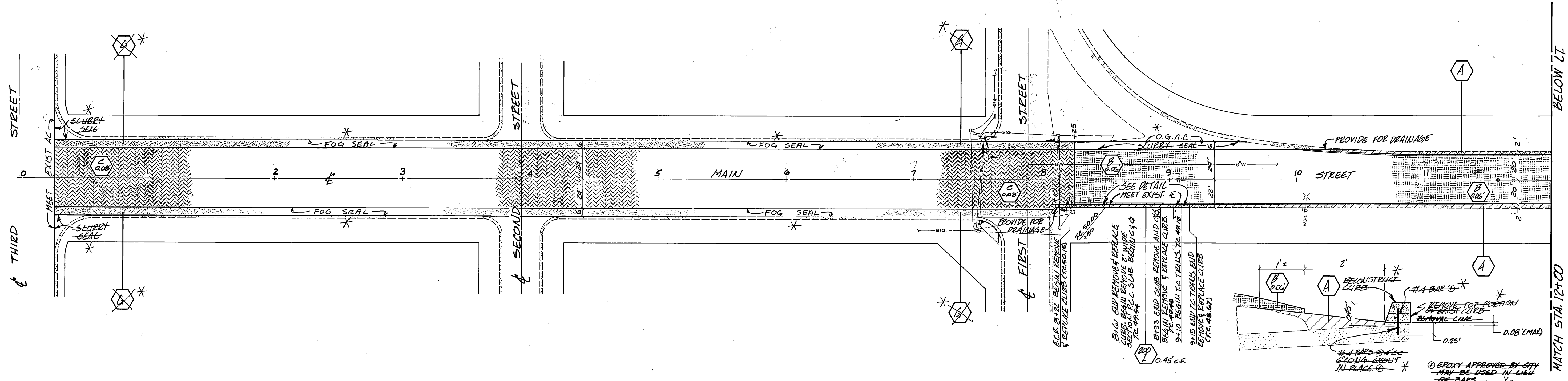
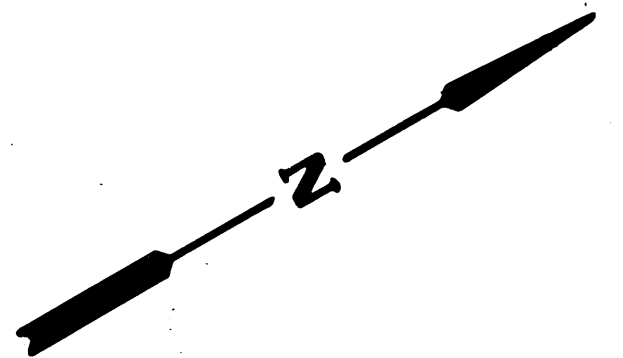


NOTES FOR OLIVEWOOD AVE.  
 1. GRIND EXISTING A.C. TO A DEPTH OF 0.13' AT THE GUTTER LINE AND DAYLIGHT IN 6' PLACE THE 2.5" A.C. OVERLAY SUCH THAT THE SURFACE SHALL BE FLUSH WITH THE GUTTER LIP. (A.C. GRINDING, TYPE I)

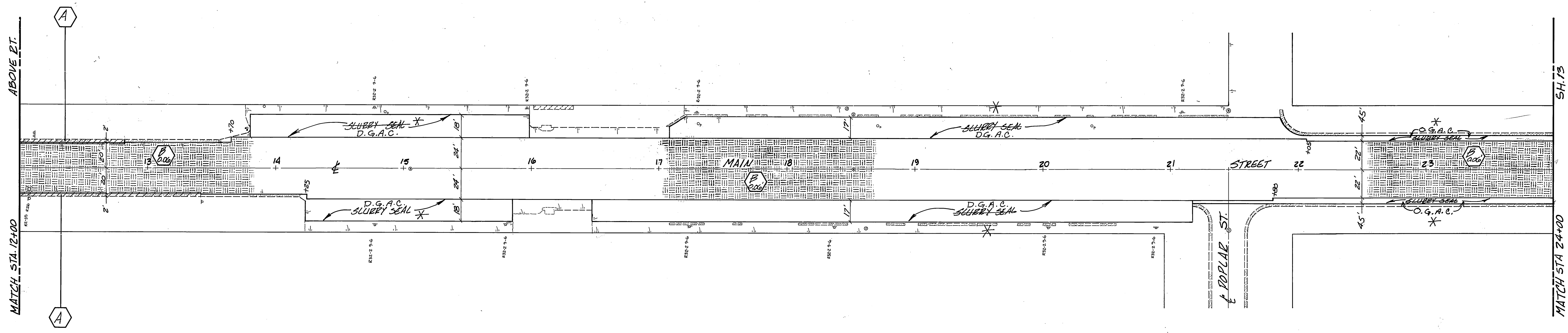
QUANTITIES FOR OLIVEWOOD AVENUE			
ITEM	QUANTITY	ITEM	QUANTITY
DENSE GRADED A.C.	520 TONS	A.C. PAVT. GRINDING, TYPE I	2100 S.F.
DENSE GRADED A.C.	30 TONS	A.C. PAVT. REMOVAL	72 S.F.
ASPHALT RUBBER S.A.T.	1100 S.F.	ADV. SUR. & S.D. M.H. FRAME & COVER BOARD	4 EA.
SURFACE SEAL	1100 S.F.		

\* AS BUILT 8LD 1-30-85

<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		REHABILITATION OF MAJOR CITY STREETS 1983		ACCOUNT NO. 30-575-205-07  <b>R-2489</b>  SHEET 11 OF 42
		<b>OLIVEWOOD AVE.</b> JURUPA TO PANORAMA		
APPROVED BY <small>PRINCIPAL ENGINEER</small> <small>TRAFFIC DIVISION</small> <small>CHIEF P.W. ENGINEER</small>	DATE 7/23/83 7/23 D.P.	APPROVED BY <small>PUBLIC WORKS DIRECTOR</small>	DATE 8/1/83	HORIZ. SCALE: 1" = 40'
DESIGNED BY: [Signature] DRAWN BY: CR CHECKED BY: [Signature]				



**CURB REPLACEMENT DETAIL**  
 NITS  
 (CONTRACTOR SHALL HAVE THE OPTION TO REMOVE A PORTION OF THE EXISTING R.C.C. SLAB & CURB AND REPLACE WITH STD. 200, TYPE I C.P.G.)

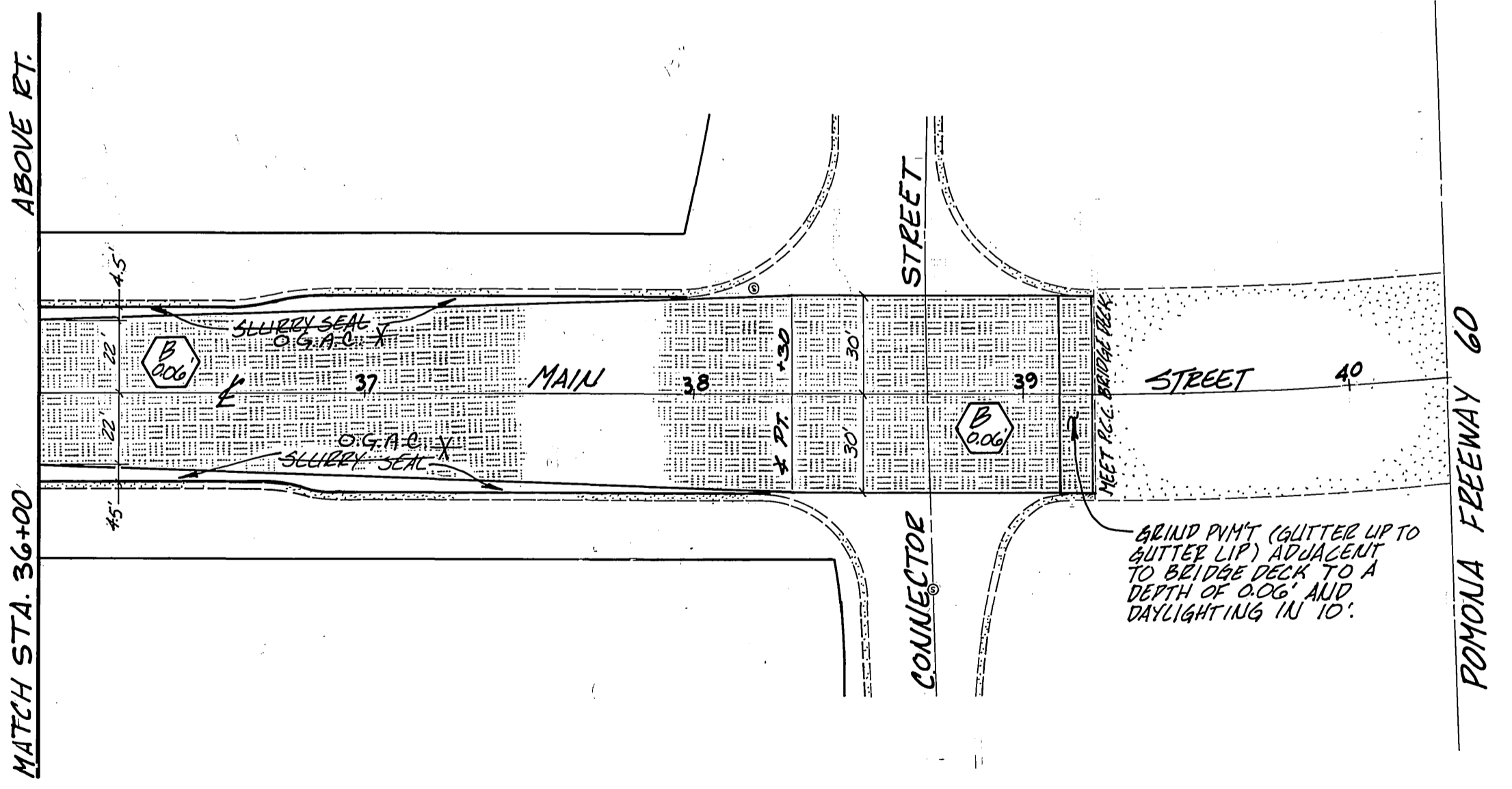
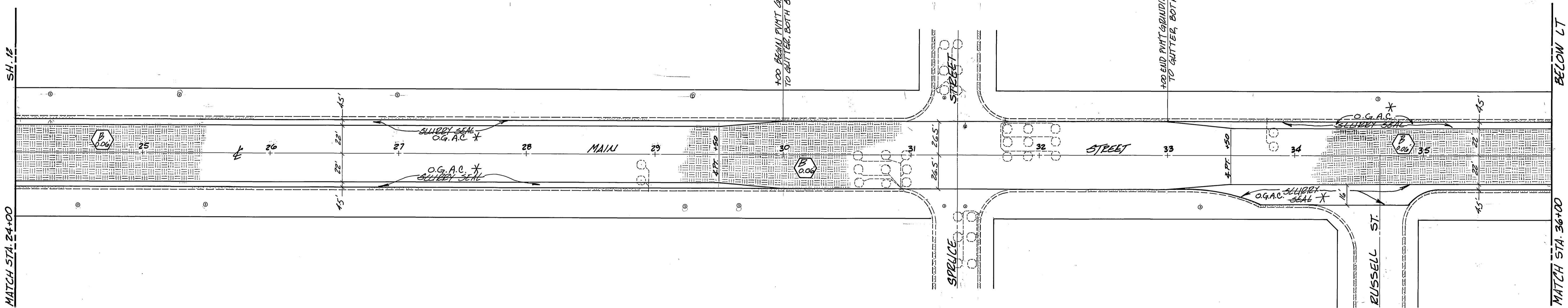
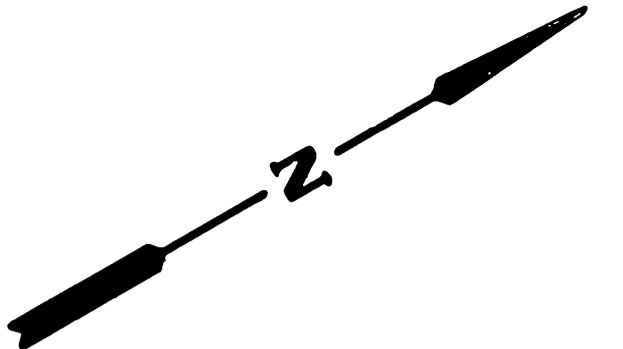


QUANTITIES FOR MAIN STREET			
ITEM	QUANTITY	ITEM	QUANTITY
OPEN GRADED A.C.	930 TONS	A.C. PUMT. GRINDING, TYPE I	700 S.F.
DENSE GRADED A.C.	30 TONS	C&G - STD. 200, TYPE I	93 L.F.
ASPHALT-RUBBER S.A.T.	1,500 S.Y.	CRACK SEALING	10,000 L.F.
SLURRY SEAL *	1,500 S.Y.	APL. SNE. & S.D. M.H. FRAME COVER TO CURB	56 A.

\* AS BUILT BLD 1-30-85

BM: 832.957  
 SPIKE IN LEAD IN  
 6" X 6" CURB OF MAIN  
 ST. 450' N.W. OF  
 FIRST ST. PER FB  
 1037/52

<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		REHABILITATION OF MAJOR CITY STREETS 1983	
		<b>MAIN ST.</b> THIRD ST. TO FWY. 60	
APPROVED BY PRINCIPAL ENGINEER DATE 7/29 TRAFFIC DIVISION CHIEF P.W. ENGINEER	DATE 8/1/83	APPROVED BY PUBLIC WORKS DIRECTOR	ACCOUNT NO. 30-575-205-07 <b>R-2489</b> SHEET 12 OF 42
DESIGNED BY: [Signature] DRAWN BY: [Signature] CHECKED BY: [Signature]		HORIZ. SCALE: 1" = 40'	



ADD PAVT. PINT GRINDING ADJACENT TO GUTTER BOTH SIDES (SEE NOTE 1)

ADD END PAVT. GRINDING ADJACENT TO GUTTER BOTH SIDES

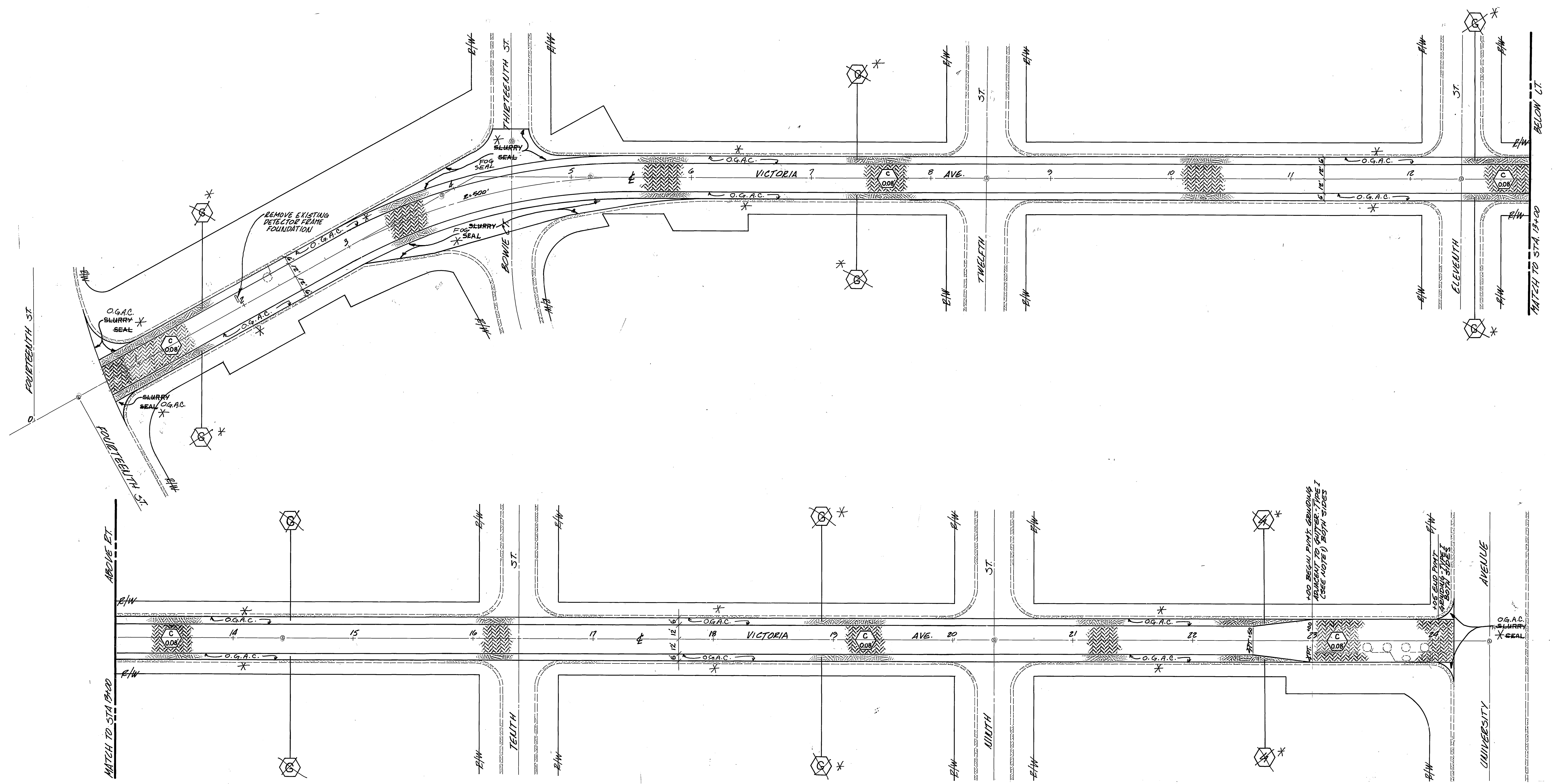
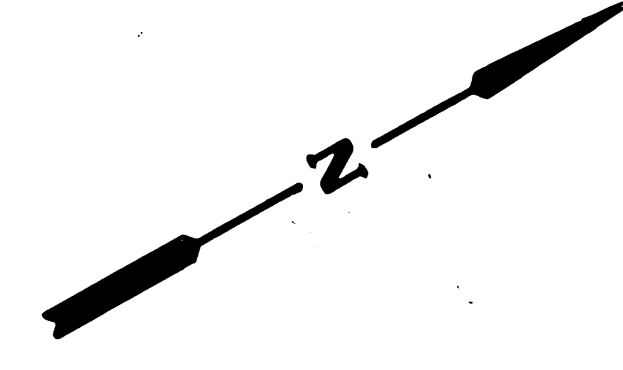
GRIND PAVT. (GUTTER UP TO GUTTER LIP) ADJACENT TO BELIEVE DECK TO A DEPTH OF 0.06' AND DAYLIGHTING IN 10'.

NOTES:  
1. GRIND EXISTING A.C. TO A DEPTH OF 0.06' AT THE GUTTER LIP AND DAYLIGHT IN 6" (TYPE I)

\* AS BUILT BLD 1-30-85

QUANTITIES FOR MAIN STREET SEE SH. 12

<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		<b>REHABILITATION OF MAJOR CITY STREETS 1983</b> <b>MAIN ST.</b> THIRD ST. TO FWY. 60		ACCOUNT NO. 30-575-205-07 <b>R-2489</b> SHEET 13 OF 42
APPROVED BY PRINCIPAL ENGINEER DATE 7/27 TRAFFIC DIVISION CHIEF P. W. ENGINEER	DATE 8/1/83 BY [Signature] PUBLIC WORKS DIRECTOR	HORIZ. SCALE: 1" = 40'		
DESIGNED BY [Signature] DRAWN BY [Signature] CHECKED BY [Signature]	MARK REVISIONS APPR. DATE			



NOTES FOR VICTORIA AVENUE  
 1. GRIND EXISTING A.C. TO A DEPTH OF 0.13'  
 AT THE GUTTER LIP AND DAYLIGHT IN 6'.  
 PLACE THE O.G.A.C. OVERLAY SUCH THAT THE  
 SURFACE SHALL BE FLUSH WITH THE GUTTER  
 LIP (A.C. GRINDING, TYPE I)

QUANTITIES FOR VICTORIA AVENUE			
ITEM	QUANTITY	ITEM	QUANTITY
OPEN GRADED A.C.	370 TONS	SLURRY SEAL *	3500 S.Y.
ASPHALT RUBBER S.A.T.	9,900 S.Y.	ADJ. S.W.E. & S.P. M.H. FRAME & COVER TO GRADE	6EA.
A.C. FIN'T GRINDING - TYPE I	1,380 S.F.	DETECTOR COILS	6EA.
REMOVE EXIST DETECTOR FRAME & FOUND.	1 EA.		

\* AS BUILT BLD 1-30-85

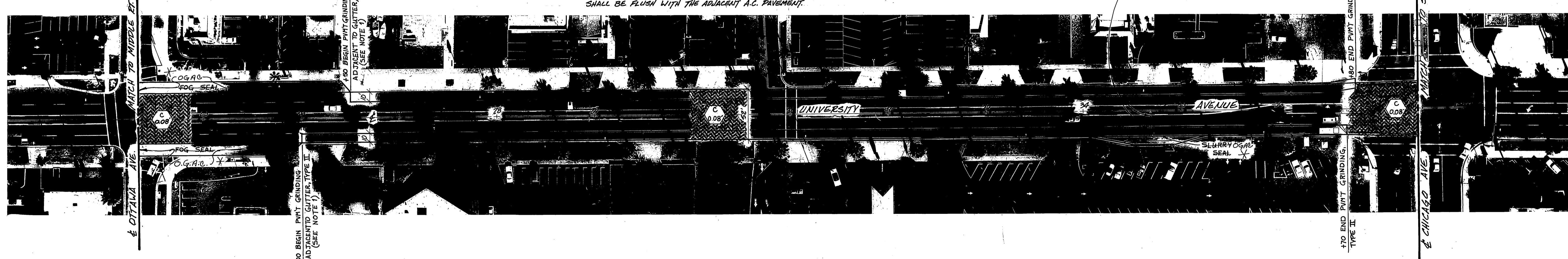
<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		REHABILITATION OF MAJOR CITY STREETS 1983		ACCOUNT NO. 30-575-205-07  <b>R-2489</b> SHEET 14 OF 42
		<b>VICTORIA AVE.</b> FOURTEENTH TO UNIVERSITY		
APPROVED BY <small>PRINCIPAL ENGINEER</small> <small>PAVE DEPARTMENT</small> <small>TRAFFIC DIVISION</small> <small>CHIEF P. W. ENGINEER</small>	DATE 7/89	APPROVED BY <small>PUBLIC WORKS DIRECTOR</small>	DATE 8/1/83	HORIZ. SCALE: 1" = 40'
DESIGNED BY DRAWN BY CHECKED BY	REVISIONS APPR. DATE			



EAST BOUND #1, #2 LANES (STA. 0+80 TO 11+00) P.V.M.T. GRINDING & OG.A.C. DELETED.  
 \* IN THIS AREA, ASPHALT-RUBBER S.A.T. WAS INSTALLED.



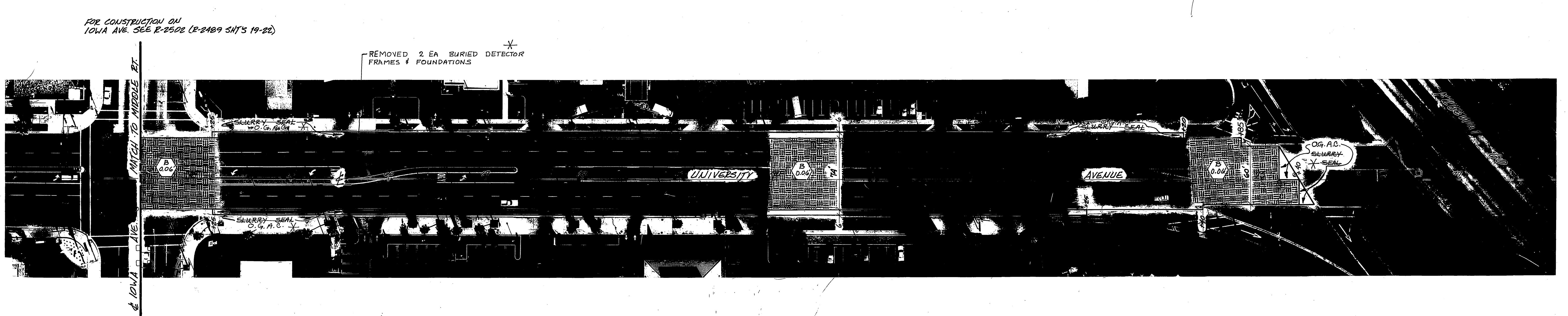
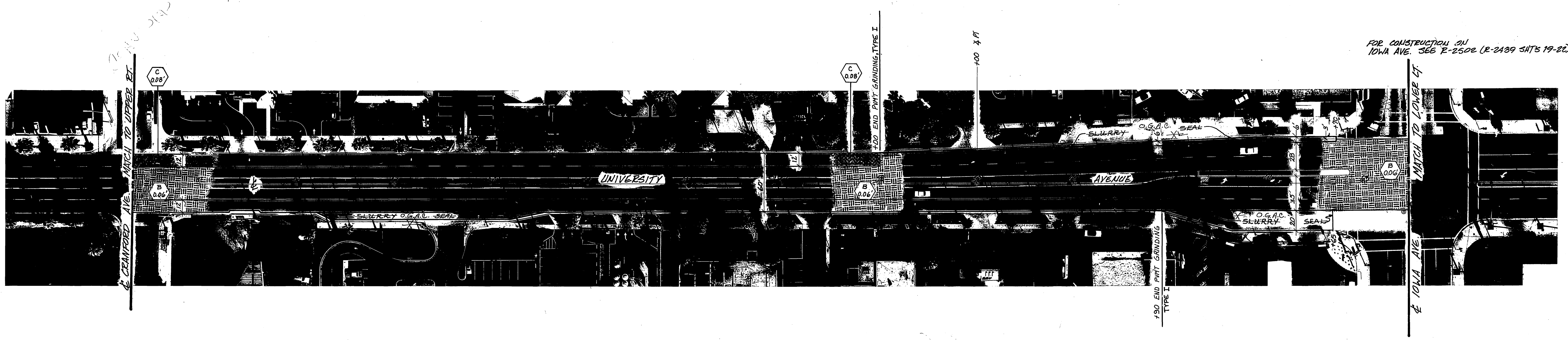
- NOTES FOR UNIVERSITY AVE:
- GRIND EXISTING A.C. TO A DEPTH OF 0.030' FOR THE FULL WIDTH INDICATED ON THE PLAN (TYPE II). PLACE IN THIS VOID DENSE GRADED A.C., SUCH THAT SURFACE SHALL BE 0.15' BELOW THE GUTTER LIP AND BE FLUSH WITH THE ADJACENT A.C. P.V.M.T. SURFACE.
  - GRIND EXISTING A.C. TO A DEPTH OF 0.13' AT THE GUTTER LIP AND DAYLIGHT IN THE WIDTH INDICATED ON THE PLAN (TYPE I).
  - GRIND EXISTING A.C. TO A DEPTH OF 0.06' AT THE GUTTER LIP AND DAYLIGHT IN THE WIDTH INDICATED ON THE PLAN (TYPE I).
  - WHEN OG.A.C. OVERLAY IS PLACED ADJACENT TO THE GUTTER, ITS SURFACE SHALL BE FLUSH WITH THE GUTTER LIP.
  - GRIND RAISED A.C. PAVEMENT AT EXISTING CRACKS INDICATED BY THE ENGINEER AT THE TIME OF CONSTRUCTION (TYPE III). THE GRINDING SHALL BE 0.5 IN. ON EACH SIDE OF THE CRACK AND THE SURFACE SHALL BE FLUSH WITH THE ADJACENT A.C. PAVEMENT.



QUANTITIES FOR UNIVERSITY AVENUE			
ITEM	QUANTITY	ITEM	QUANTITY
OPEN GRADED A.C.	21000 SQ. YD.	1.5% ASP. & S.D. IN. FRAMES & CURBS TO GRADE	30 EA.
DENSE GRADED A.C.	13000 SQ. YD.	REMOVE EXIST. DETECTOR FRAMES & FOUND.	4 EA.
A.C. P.V.M.T. GRINDING, TYPE I	65000 SQ. YD.	CRACK REMOVAL (SEE SHT. 18)	62 Y.
A.C. P.V.M.T. GRINDING, TYPE II	230000 SQ. YD.	WALLET STRUCTURE (SEE SHT. 18)	1 EA.
ASPHALT-RUBBER S.A.T.	110000 SQ. YD.	REMOVE EXIST. DETECTOR FRAMES & FOUND.	4 EA.
SLURRY SEAL	110000 SQ. YD.	REMOVE EXIST. DETECTOR FRAMES & FOUND.	4 EA.
FOG SEAL	110000 SQ. YD.	REMOVE EXIST. DETECTOR FRAMES & FOUND.	4 EA.
JUNCTION STRUCTURE - STD. 403 (SHT. 18)	1 EA.	REMOVE EXIST. DETECTOR FRAMES & FOUND.	4 EA.

\* AS BUILT BLD 1-30-85

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS		REHABILITATION OF MAJOR CITY STREETS 1983 <b>UNIVERSITY AVE.</b> COMER TO FWY 60		ACCOUNT NO. 30-575-205-07 DRAWING NUMBER <b>R-2489</b> SHEET 15 OF 42
APPROVED BY PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION CHIEF P. W. ENGR.	BY DATE <i>[Signature]</i> 1/15/83	APPROVED BY DIRECTOR OF PUBLIC WORKS <i>[Signature]</i>	DATE 8/1/83	SCALE: 1" = 50'



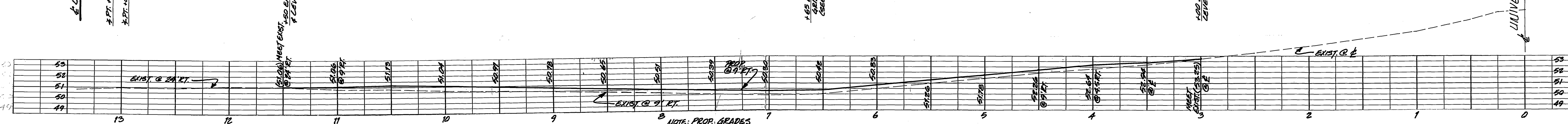
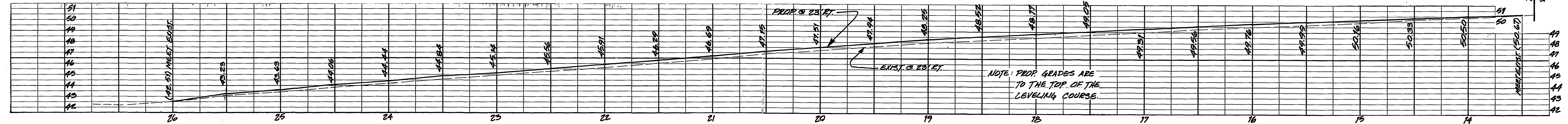
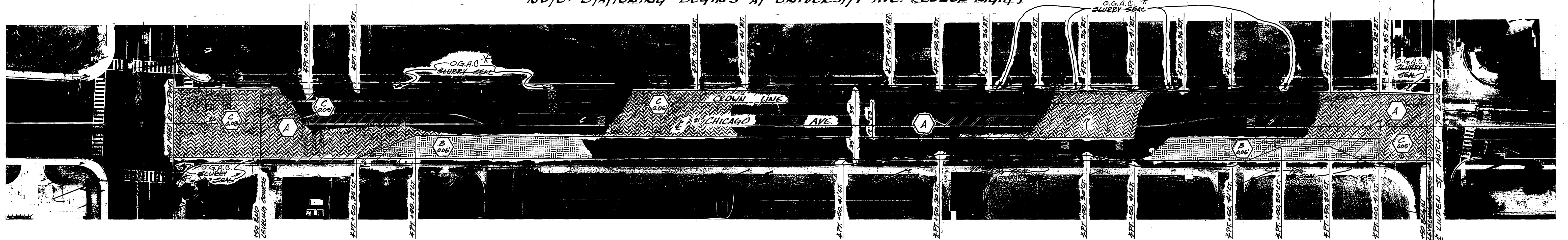
\* AS BUILT BLD 1-30-85

QUANTITIES AND NOTES FOR UNIVERSITY AVE SEE SHT. 15

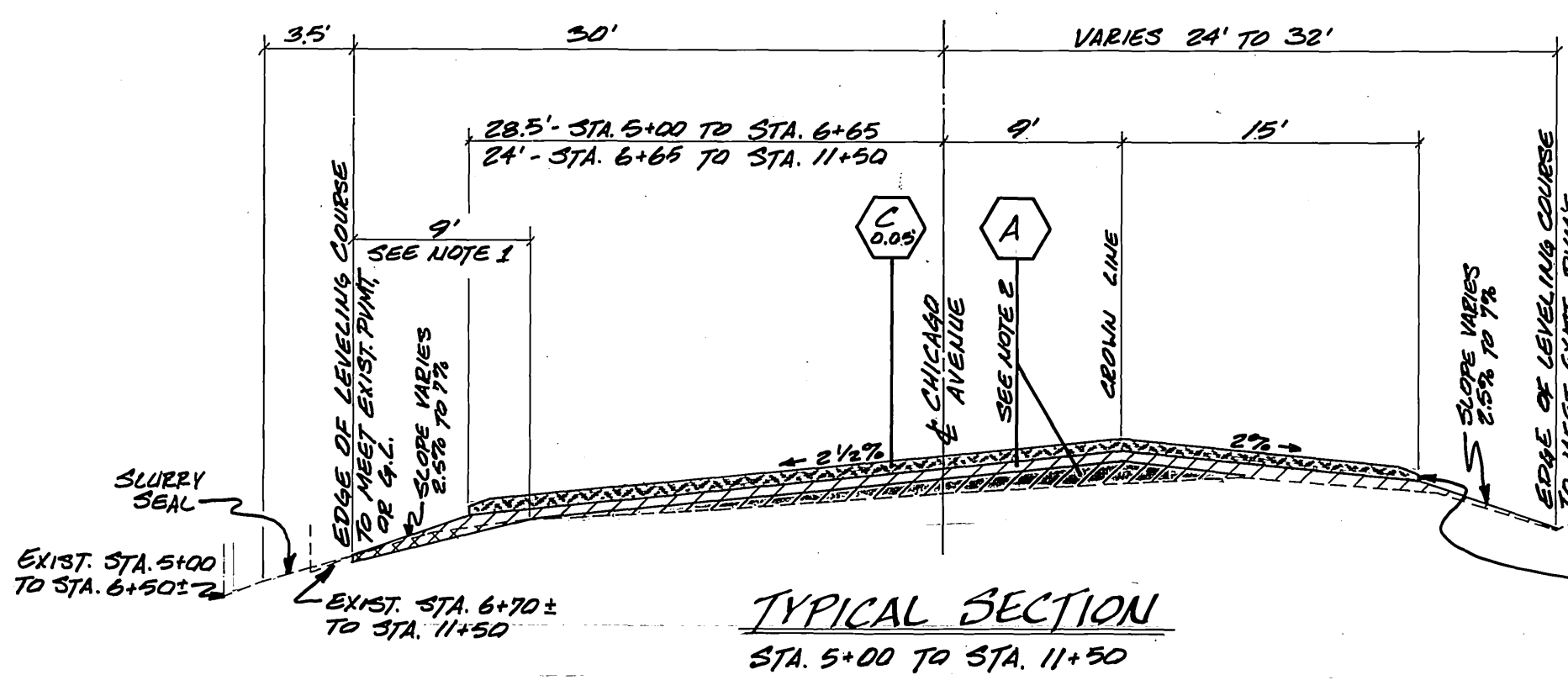
CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS		REHABILITATION OF MAJOR CITY STREETS 1983		ACCOUNT No. 30-575-205-07
APPROVED BY PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION CHIEF P. W. ENGR.		BY DATE 11/2/83	APPROVED BY DIRECTOR OF PUBLIC WORKS	DRAWING NUMBER <b>R-2489</b>
MARK	REVISIONS	APPR. DATE	DATE 8/4/83	SHEET 16 OF 42
DESIGNED BY	DRAWN BY	CHECKED BY	SCALE: 1" = 50'	



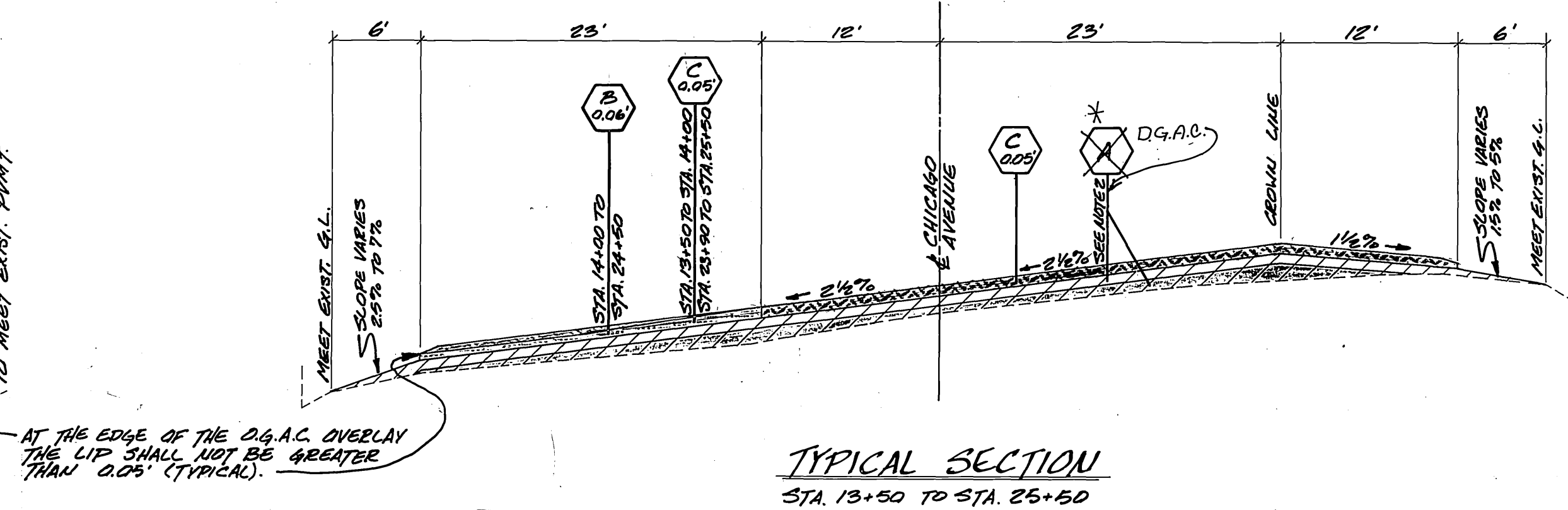
NOTE: STATIONING BEGINS AT UNIVERSITY AVE. (LOWER RIGHT)



- NOTES FOR CHICAGO AVE.:
1. GRIND EXISTING A.C. TO A DEPTH OF 0.05' AT THE GUTTER LIP AND DRAINAGE IN 9'. PLACE THE A.C. OVERLAY SUCH THAT THE SURFACE SHALL BE FLUSH WITH THE GUTTER LIP (A.C. GRINDING, TYPE I).
  2. LEVELING COURSE SHALL CONSIST OF TWO LAYERS. THE LOWER LAYER SHALL BE RECYCLED ASPHALT-CONCRETE. THE UPPER LAYER SHALL BE 0.13" THICK OF "NEW" DENSE GRADED A.C.



TYPICAL SECTION  
STA. 5+00 TO STA. 11+50



TYPICAL SECTION  
STA. 13+50 TO STA. 25+50

QUANTITIES FOR CHICAGO AVENUE			
ITEM	QUANTITY	ITEM	QUANTITY
DENSE GRADED A.C.	10000.00	ASPHALTIC EMULSION (FOR RECYCLED)	10.00
RECYCLED A.C.	10000.00	SLURRY SEAL	10.00
ASPHALT DRESSER SAND	10000.00	100.00	100.00
1/2" DRAINAGE TYPE I	10000.00	PARALLEL RODS IN FRAME MONUMENT	10.00
RECYCLED ASPHALT CONCRETE	10000.00		

\* AS BUILT BLD 1-30-85

CITY OF RIVERSIDE, CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *[Signature]* DATE: 3/1/83  
PRINCIPAL ENGINEER  
TRAFFIC DIVISION  
CHIEF P. W. ENGR.

REHABILITATION OF MAJOR  
CITY STREETS 1983

CHICAGO AVE.  
THIRD TO UNIVERSITY

SCALE: HORIZ. 1"=50' VERT. 1"=5'

INCHES UP  
ACCOUNT No. 30-575-205-07  
DRAWING NUMBER  
**R-2489**  
SHEET 17 OF 42

B.M. I-7-B  
BRASS DISK IN MONUMENT WELL  
AT THE INTERSECTION OF  
UNIVERSITY AND CHICAGO AVENUES.  
ELEV. 966.715

