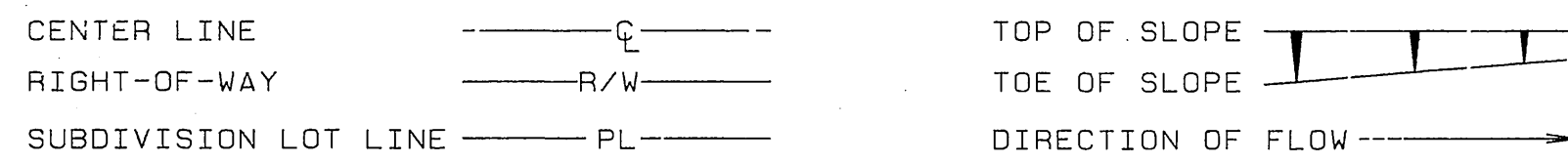


# RIVERSIDE CITY OF RIVERSIDE CALIFORNIA

## PUBLIC WORKS DEPARTMENT REHABILITATION OF MAJOR CITY STREETS 1990-1991

### CONSTRUCTION LEGEND



- AD** ADJUST SEWER, STORM DRAIN, ELECTRIC OR WATER MANHOLE OR GATE VALVE TO GRADE. ADJUSTMENT TO GRADE OR RELOCATION OF GAS & TELEPHONE COMPANY'S FACILITIES WILL BE DONE BY OTHERS.
- D BC** 0.10' MIN. DGAC (DENSE GRADED AC) OVER ARSAT (ASPHALT RUBBER STRESS ABSORBING TREATMENT). NOTE: RUBBER CHIP (RC) IS THE SAME AS AND IS USED INTERCHANGEABLY WITH ARSAT.
- G1** GRIND EX. AC 0.05 BELOW GUTTER LIP OR OUTER EDGE. "DAY-LIGHTING" IN 5' (TYPE 1 GRINDING) EXCEPT AS SHOWN OTHERWISE ON PLAN AND DESCRIBED IN SPECIAL PROVISIONS.
- TD** TRAFFIC DETECTOR LOOP INSTALLATIONS
- 3** NUMBER OF DETECTOR LOOPS
- TDL** PROTECT TRAFFIC DETECTOR LOOPS IN PLACE.
- VAR** CONSTRUCT A VARIABLE THICKNESS DGAC OVERLAY.
- P** REMOVE & REPLACE EX. AC PAVEMENT WITH EQUIVALENT THICKNESS DGAC.
- 70** REMOVE & REPLACE EX. AC PAVEMENT WITH 0.70' DGAC (BOX SPRINGS AND BLAINE ST AT CANYON CREST)
- 90** REMOVE & REPLACE EX. AC PAVEMENT WITH 0.90' DGAC (DE ANZA AVENUE-CENTRAL TO MERRILL)
- S2** CONSTRUCT STRUCTURAL SECTION OF .83' DGAC OVER NATIVE.
- SLY** ASPHALT SLURRY SEAL.
- W** SHALL BE RELOCATED BY P.U.W. DIVISION PRIOR TO CONSTRUCTION.
- P** REMOVE EXISTING TREE. CLASS I - 6" TO 18", CLASS II - 18" TO 36", CLASS III - OVER 36"
- R** REMOVE & REPLACE EX. AC PAVEMENT WITH 0.50' DGAC (CANYON CREST-UNIVERSITY TO BLAINE)

### 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. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.

### GENERAL CONSTRUCTION NOTES

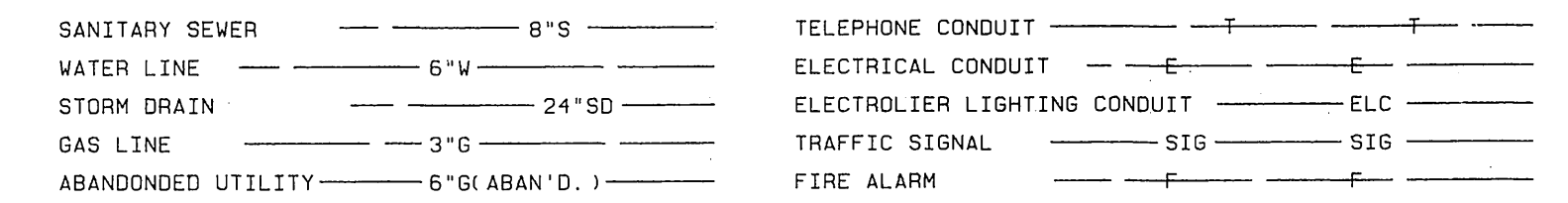
- 1 EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN. IF THE COVER OF A UTILITY IS KNOWN, IT IS SHOWN IN THE PROFILE. UTILITIES IN THE PROFILE AS INDICATES THAT THE COVER IS UNKNOWN, BUT THE UTILITY IS NOT EXPECTED TO CONFLICT WITH THE PROPOSED IMPROVEMENTS.
- 2 ALL ELEVATIONS SHOWN ON THE PLANS SHALL BE STAKED IN THE FIELD.
- 3 PRIME CONTRACTORS BIDDING THIS WORK SHALL HAVE A CLASS A OR C12 LICENSE.
- 4 THE SEAM BETWEEN PASSES OF THE DENSE GRADED AC OVERLAY SHALL COINCIDE, AS CLOSE AS POSSIBLE, WITH THE LANE LINES.
- 5 AFTER REMOVAL & PRIOR TO CURB, C&G OR E.P. REPLACEMENTS, FOR DESIGNATED R&R LENGTHS GREATER THAN 50', THE CONTRACTOR SHALL ALLOW 48 HRS. TO REQUEST SURVEY PLUS AN ADDITIONAL 48 HRS. TO RECEIVE PROPOSED GRADES FOR REPLACEMENT IMPROVEMENTS.
- 6 CRACKS IN PAVEMENT WHICH ARE 3/8" AND LARGER SHALL BE FILLED WITH A RUBBERIZED ASPHALT MATERIAL PRIOR TO APPLICATION OF THE RUBBERIZED ASPHALT STRESS ABSORBING TREATMENT (A.R.S.A.T.) WHEN THE PAVEMENT IS TO BE OVERLAID WITH DENSE GRADED AC ONLY ALL CRACKS SHALL BE FILLED WITH A RUBBERIZED ASPHALT MATERIAL (SEE SPECIAL PROVISIONS).
- 7 MANHOLES & VALVES WITHIN THE GRINDING OR PVMT. REPLACEMENT LIMITS SHALL NOT BE ADJUSTED TO GRADE. INSTEAD, ENOUGH GRINDING (OR PVMT. REMOVAL BY OTHER MEANS.) SHALL BE DONE TO PROVIDE A SMOOTH FINISHED SURFACE TRANSITION AROUND THE COMPLETE CIRCUMFERENCE OF THE STRUCTURE AS NOTED PER PLAN. EXCEPTIONS TO THIS ARE WHERE MHS. AND VALVES ARE WITHIN PVMT. REMOVAL AREAS BUT ARE TOO CLOSE (3' OR LESS) TO THE ADJACENT PROPOSED AC OVERLAY.
- 8 THE RIDGE PRODUCED BY THE EDGE OF THE DENSE GRADED AC OVERLAY SHALL BE MINIMIZED. FEATHER THE DENSE GRADED AC AT INTERSECTIONS TO A MINIMUM THICKNESS (0.03') AT 5' BEYOND THE INDICATED EDGE OF THE OVERLAY.
- 9 PULL BOXES FOR SPLICING TRAFFIC LOOP DETECTOR CONDUCTORS & LEAD-IN CABLE ARE NORMALLY ADJACENT TO DETECTORS, UNLESS OTHERWISE SHOWN ON THE PLAN.
- 10 RESURFACING LIMITS SHOWN AT INTERSECTIONS ARE NOT ABSOLUTE. THE INSPECTOR MAY REQUEST GRINDING & PAVING INTO SIDE STREETS TO IMPROVE RIDEABILITY AND OTHER STREET CONDITIONS.
- 11 PLANS DO NOT TYPICALLY INDICATE LOCATIONS OF WATER VALVES OR FIRE HYDRANTS TO SIMPLIFY PLAN PREPARATION EFFORT. HOWEVER, THESE FACILITIES MUST BE LOCATED DURING CONSTRUCTION TO MAKE VALVE BOX ADJUSTMENTS AND BLUE HYDRANT MARKER INSTALLATIONS IF THESE CONTINGENCY ITEMS ARE AWARDED TO THE CONTRACTOR. EVEN IF THE VALVE BOX ADJUSTMENT CONTINGENCY ITEM IS NOT AWARDED, THE VALVE BOXES MUST BE "TIED OUT" AS PART OF THE CONTRACTOR'S WORK.
- 12 ASPHALT CONCRETE REMOVAL AND REPLACEMENT QUANTITIES, AND PAVEMENT PREPARATION QUANTITIES ARE BASED ON THE INDICATED AREAS WITH A 0.5" THICKNESS. ACTUAL QUANTITIES WILL BE DETERMINED BY FIELD MARKED AREAS AND EXISTING PAVEMENT. PAVEMENT PREPARATION AREAS ARE NOT SHOWN ON THE PLANS & ARE TO BE DETERMINED BY THE INSPECTOR.

- | STREET              | LIMITS                   | TRAFFIC INDEX | LENGTH             | SH. No. | STRIPING DWG.: PGS. |
|---------------------|--------------------------|---------------|--------------------|---------|---------------------|
| 1 ADAMS STREET      | CALIFORNIA TO ARLINGTON  | 9.0           | 2,870' - 0.55 MILE | 2       | XL-268              |
| 2 COLORADO AVE      | MONROE TO ADAMS          | 8.5           | 2,735' - 0.5 MILE  | 3       | XL-274              |
| 3 BLAINE STREET     | WATKINS TO MARICOPA      | 8.0           | 4,090' - 0.8 MILE  | 4 & 5   | XL-269              |
| 4 BOX SPRINGS BLVD  | EASTRIDGE TO RIVER CREST | 8.0           | 2,340' - 0.5 MILE  | 6       | XL-270              |
| 5 BROCKTON AVE      | JURUPA TO TEQUESQUITE    | 8.5           | 6,590' - 1.25 MILE | 7 & 8   | XL-271              |
| 6 CANYON CREST DR.  | COUNTRY CLUB TO CENTRAL  | 8.5           | 2,010' - 0.4 MILE  | 9 & 10  | XL-272              |
| 7 CANYON CREST DR.  | UNIVERSITY TO BLAINE     | 8.0           | 2,660' - 0.5 MILE  | 11      | XL-273              |
| 8 DE ANZA STREET    | CENTRAL TO MERRILL       | 8.0           | 1,030' - 0.2 MILE  | 12      | XL-275              |
| 9 INDIANA AVENUE    | REVERE TO LA SIERRA      | 9.0           | 3,360' - 0.6 MILE  | 13      | XL-251              |
| 10 INDIANA AVENUE   | RACINE TO TYLER          | 9.0           | 1,550' - 0.3 MILE  | 14      | XL-276              |
| 11 INDIANA AVENUE   | TYLER TO JEFFERSON       | 10.0          | 10,815' - 2.0 MILE | 15-20   | XL-247 & XL-277     |
| 12 KANSAS AVENUE    | 3RD TO LA CADENA         | 8.0           | 2,950' - 0.55 MILE | 21      | XL-278              |
| 13 MADISON STREET   | VICTORIA TO INDIANA      | 9.5           | 3,230' - 0.6 MILE  | 22 & 23 | XL-282              |
| 14 PENNSYLVANIA AVE | KANSAS TO CHICAGO        | 9.0           | 2,550' - 0.5 MILE  | 24      | XL-280              |

TOTALS: 48,780' - 9.2 MILES

### EXISTING UNDERGROUND & TOPOGRAPHY LEGEND

#### EXISTING UNDERGROUND UTILITIES:

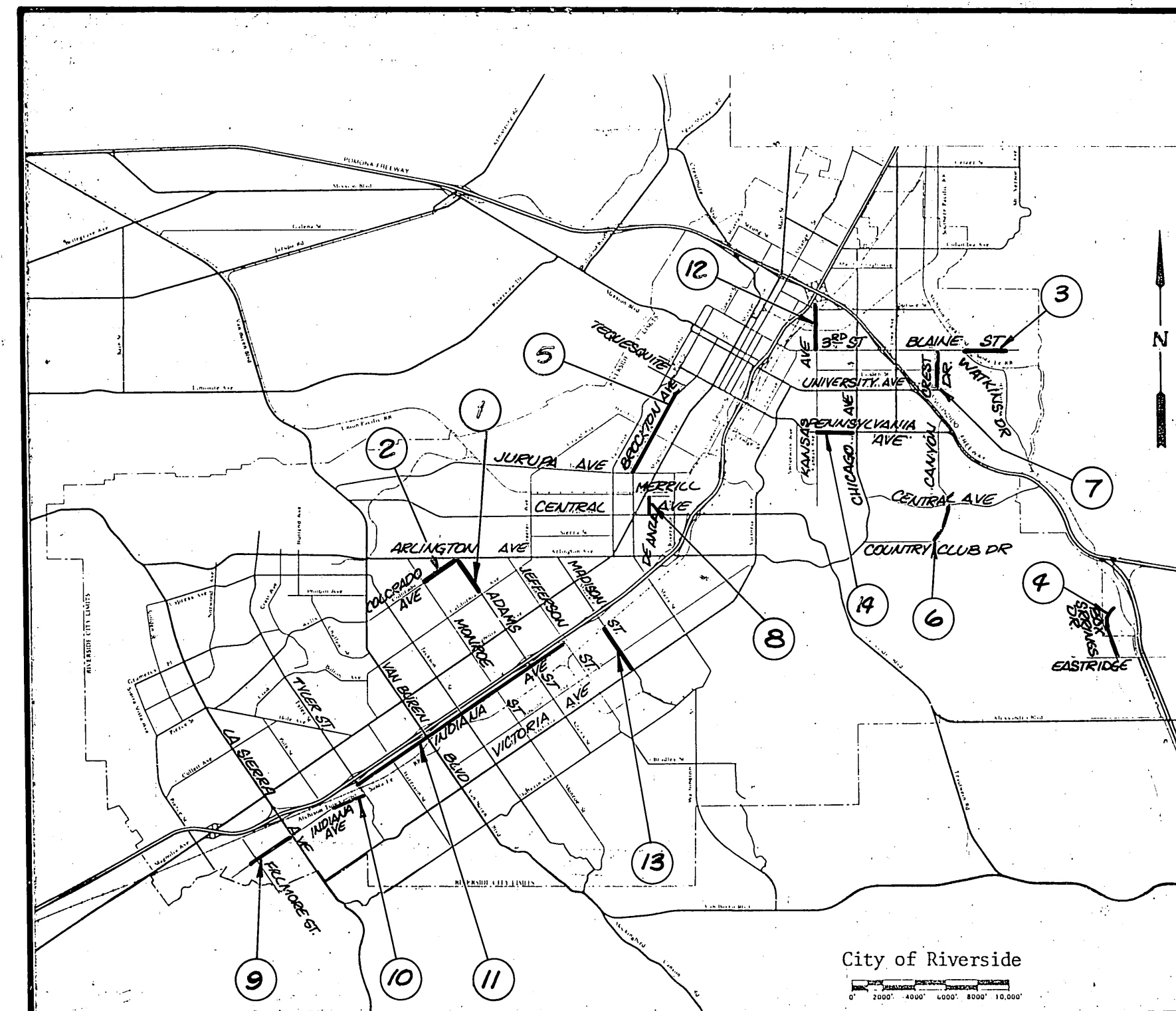


#### EXISTING TOPOGRAPHY:



#### TRAFFIC SIGNAL PLANS

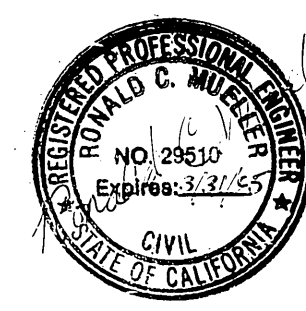
- X-367 INDIANA @ JACKSON
- X-366 INDIANA @ MONROE
- X-365 INDIANA @ JEFFERSON



### PROJECT LOCATION PLAN

**IMPORTANT NOTICE**  
Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a "Permit to Excavate" will be valid. For your Dig Alert I.D. Number call Underground Service Alert TOLL FREE 1-800-422-4133 Two working days before you dig.

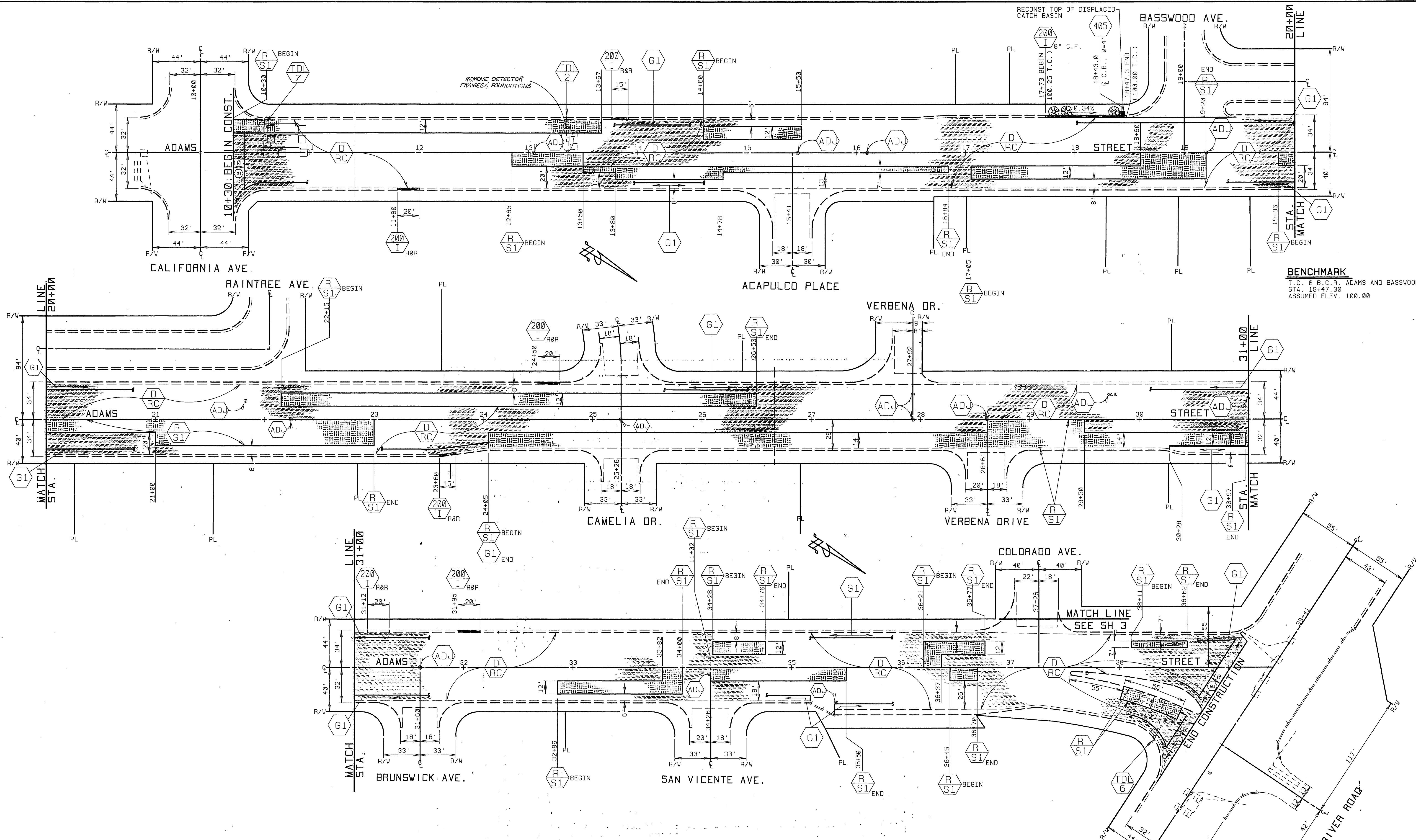
ENGINEER IN RESPONSIBLE CHARGE  
*Ronald C. Mueller*  
RONALD C. MUELLER  
R.C.E. 29510 expires 3-31-95  
DATE 2-5-92



CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT			
APPROVED BY	DATE	BY	APPROVED BY
DEPUTY P.W. ENGINEER	2/10/92	R.C.	
PRINCIPAL ENGINEER	2/24/92	SC	
SURVEYOR	1/14/92	BP	
CHIEF P.W. INSPECTOR	2/15/92	BP	
TRAFFIC DIVISION	1/30/92	CE	
STREET SERVICES	1-11-92	CE	

AS BUILT 2/16/93 RUM	ACCOUNT NO. 38-575-329-07
REHABILITATION OF MAJOR CITY STREETS 1990 - 1991	R-3179
SHEET 1 OF 24	

INDEXED 6-16-92 ftt



**BENCHMARK**  
 T.C. @ B.C.R. ADAMS AND BASSWOOD  
 STA. 18+47.30  
 ASSUMED ELEV. 100.00

**QUANTITIES FOR ADAMS STREET**

ITEM	QUANTITY	ITEM	QUANTITY
DENSE GRADED A.C.	2565 TONS	TRAFFIC SIGNAL LOOPS	15 EA.
ASPHALT RUBBER S.A.T.	16190 SY	TACK COAT UNDER ARSAT	810 GAL
A.C. PVMT. GRINDING, TYPE I	5261 LF	BLUE FIRE HYDRANT MARKERS	6 EA.
EXCAVATION, A.C. & BASE	727 CY	REMOVE TRAFFIC SIG. PADS	2 EA.
R&R C&G, 200-I (6"CF)	110 LF	R&R C&G, 200-I (6"CF)	66 LF
ADJUST SWR. & S.D.M.H. FRAME & COVER TO GRADE	15 EA.	CRACK SEALING	11480 LF
ADJUST WATER GATE VALVE COVER TO GRADE	5 EA.	PAVEMENT PREPARATION (0.5" THICK)	
ADJUST WATER MH TO GRADE	0 EA.	ASPHALT CONCRETE REMOVAL	135 CY
		D.G.A.C. REPLACEMENT	273 TONS

**CITY OF RIVERSIDE**  
 PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature]  
 DEPUTY P.W. ENGINEER: [Signature]  
 PRINCIPAL ENGINEER: [Signature]  
 SURVEYOR: [Signature]  
 CHIEF P.W. INSPECTOR: [Signature]  
 TRAFFIC DIVISION: [Signature]  
 STREET SERVICES: [Signature]

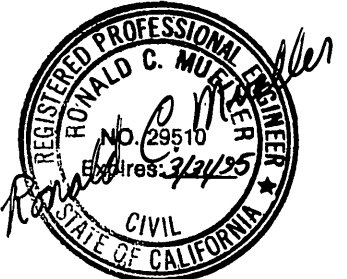
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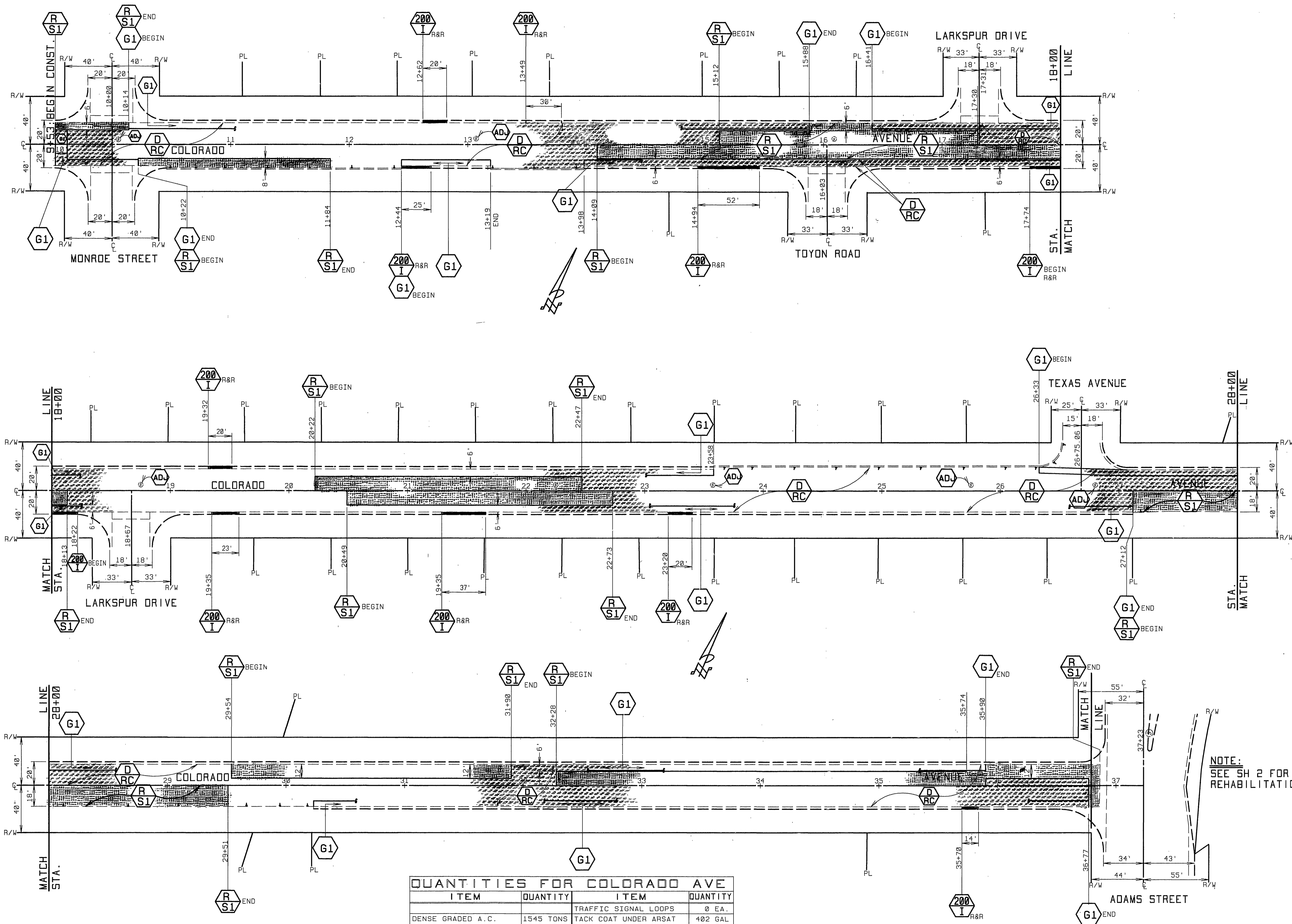
**REHABILITATION OF MAJOR CITY STREETS 1990-1991**  
**ADAMS STREET**  
**CALIFORNIA TO ARLINGTON**

AS BUILT 202493 RUM

HORIZ. SCALE: 1" = 40'

ACCOUNT NO. 38-575-329-97  
**R-3179**  
 SHEET 2 OF 24



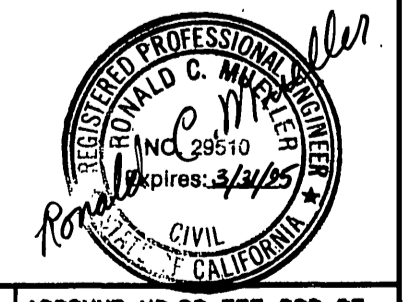


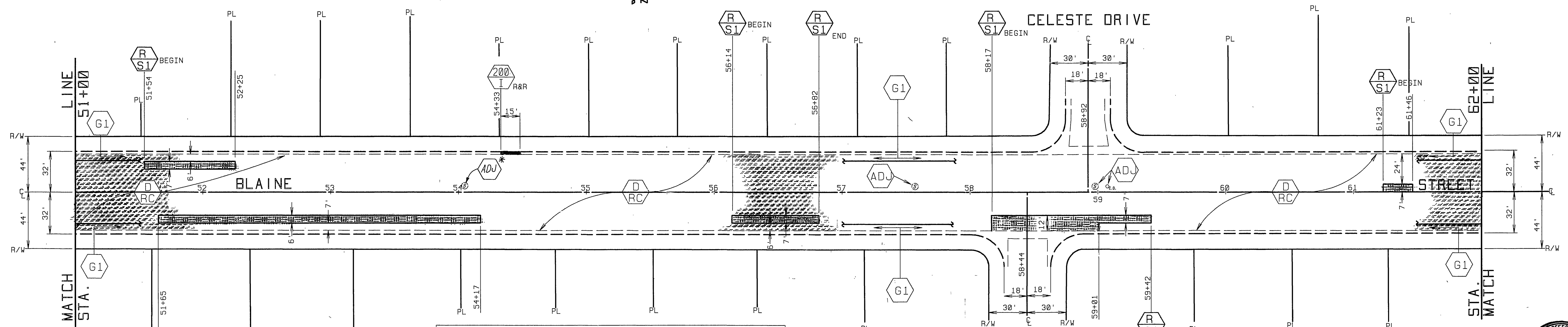
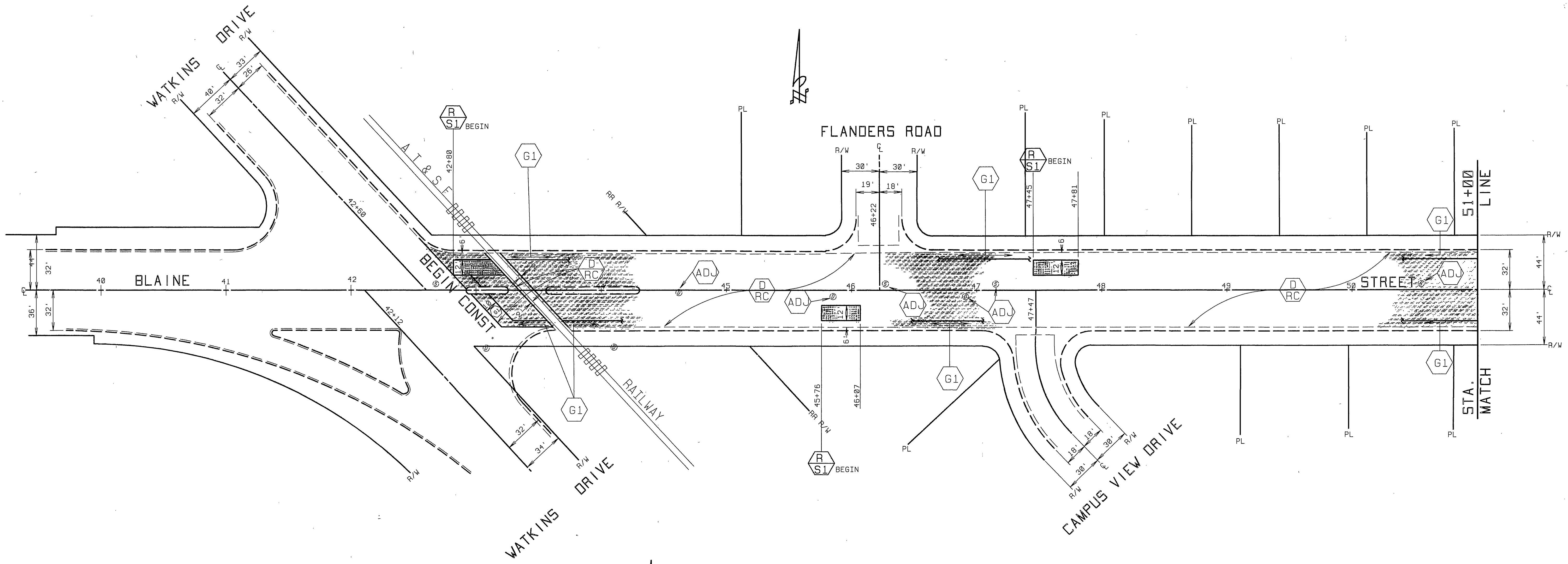
NOTE:  
SEE SH 2 FOR ADAMS ST  
REHABILITATION

**QUANTITIES FOR COLORADO AVE**

ITEM	QUANTITY	ITEM	QUANTITY
DENSE GRADED A.C.	1545 TONS	TRAFFIC SIGNAL LOOPS	0 EA.
ASPHALT RUBBER S.A.T.	0037 SY.	TACK COAT UNDER ARSAT	402 GAL.
A.C. PVMT. GRINDING, TYPE I	4188 LF	BLUE FIRE HYDRANT MARKERS	5 EA.
EXCAVATION, A.C. & BASE	495 CY	CRACK SEALING	5470 L.F.
R&R C&G, 200-I (6" CF)	289 LF		
ADJUST SWR. & S.D.M.H. FRAME & COVER TO GRADE	6 EA.		
ADJUST WATER GATE VALVE COVER TO GRADE	9 EA.	⊕ PAVEMENT PREPARATION (0.5" THICK)	
ADJUST WATER MH TO GRADE	0 EA.	ASPHALT CONCRETE REMOVAL	67 CY
		D.G.A.C. REPLACEMENT	136 TONS

<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		<b>REHABILITATION OF MAJOR CITY STREETS 1990-1991</b> COLORADO AVENUE MONROE TO ADAMS		ACCOUNT NO. 38-575-329-97 <b>R-3179</b> SHEET 3 OF 24
APPROVED BY DEPUTY P.W. ENGINEER PRINCIPAL ENGINEER SURVEYOR CHIEF P.W. INSPECTOR TRAFFIC DIVISION STREET SERVICES	DATE 2/5/92 2/5/92 2/5/92 2/5/92 2/5/92	APPROVED BY PUBLIC WORKS DIRECTOR	DATE 2/5/92	AS BUILT 2/24/93 RUM HORIZ. SCALE: 1" = 40' INDEXED 6-16-92 JH





ITEM	QUANTITY	ITEM	QUANTITY
DENSE GRADED A.C.	2118 TONS	A.C. BERM. STD 250-I	253 LF
ASPHALT RUBBER S.A.T.	22897 SY	BLUE FIRE HYDRANT MARKERS	9 EA.
A.C. PVMT. GRINDING TYPE I	7102 LF	TACK COAT UNDER ARSAT	1145 GAL
EXCAVATION, A.C. & BASE	276 CY	CRACK SEALING	15,560 LF
R&R C&G, 200-I (6" CF)	15 LF		
ADJUST SWR. & S.D.M.H.	15 EA.		
FRAME & COVER TO GRADE		⊕ PAVEMENT PREPARATION (0.5' THICK)	
ADJUST WATER GATE VALVE	19 EA.	ASPHALT CONCRETE REMOVAL	191 CY
COVER TO GRADE		D.G.A.C. REPLACEMENT	386 TONS

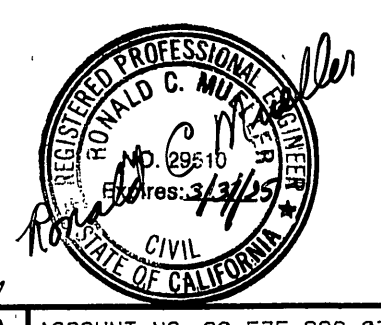
**CITY OF RIVERSIDE**  
**PUBLIC WORKS DEPARTMENT**

APPROVED BY: [Signature] DATE: 2/17/92  
 DEPUTY P.W. ENGINEER: [Signature] DATE: 2/17/92  
 PRINCIPAL ENGINEER: [Signature] DATE: 2/17/92  
 SURVEYOR: [Signature] DATE: 2/17/92  
 CHIEF P.W. INSPECTOR: [Signature] DATE: 2/17/92  
 TRAFFIC DIVISION: [Signature] DATE: 2/17/92  
 PUBLIC WORKS DIRECTOR: [Signature] DATE: 2/17/92

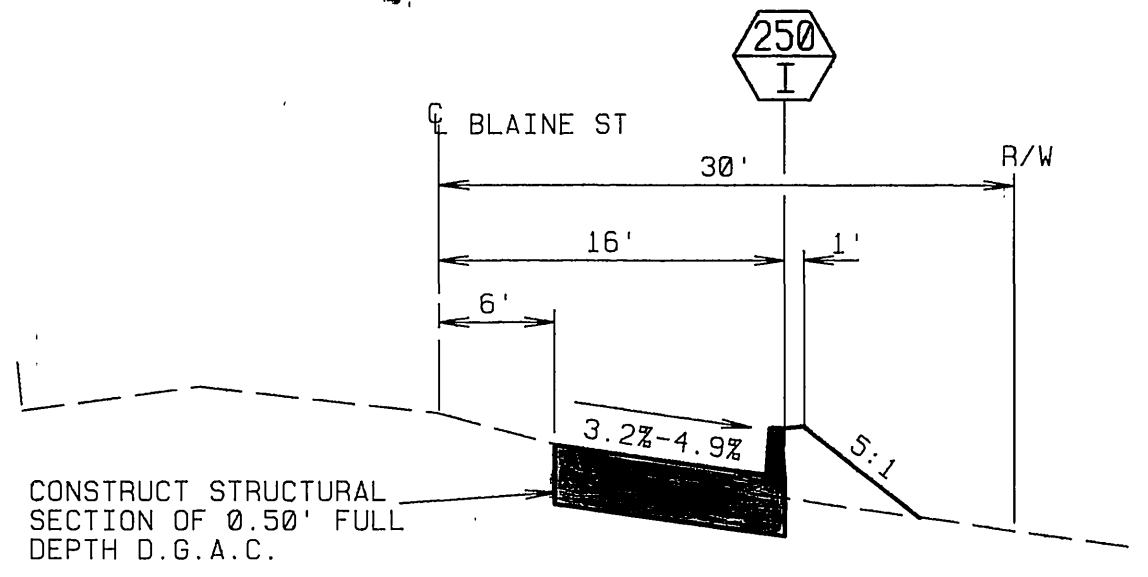
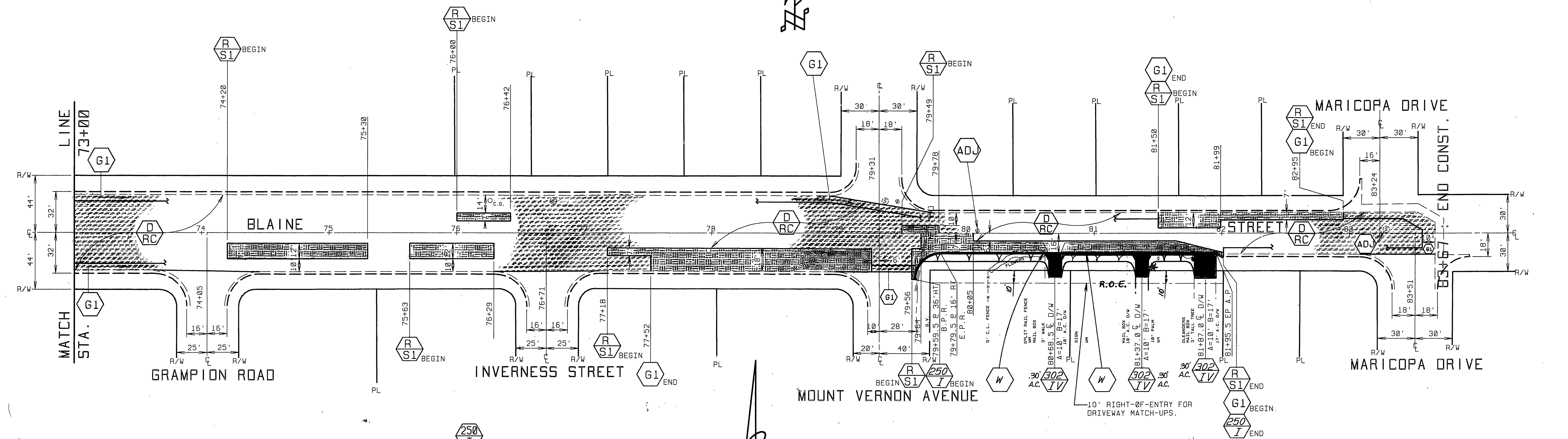
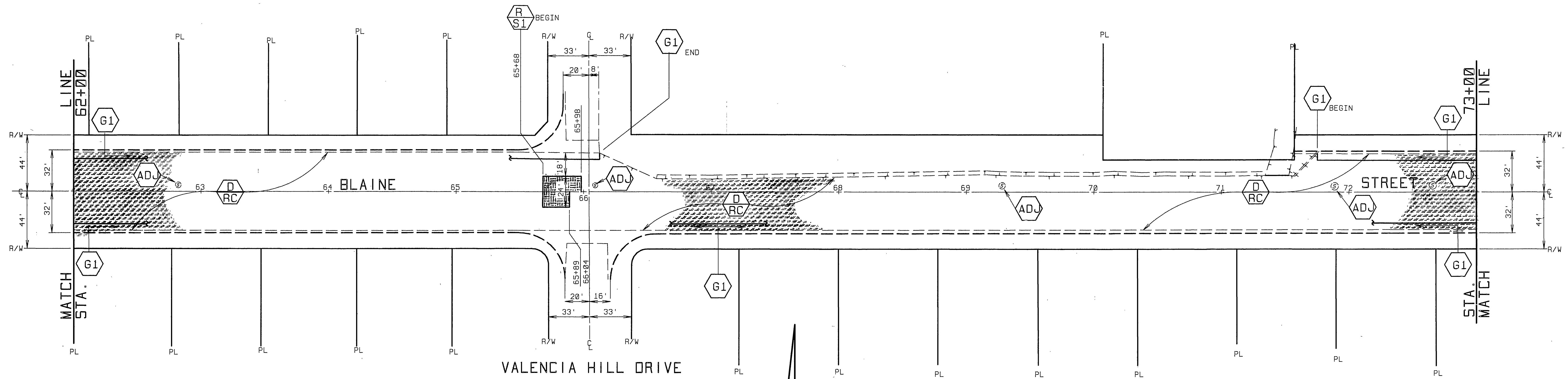
**REHABILITATION OF MAJOR CITY STREETS 1990-1991**  
**BLAINE STREET**  
**WATKINS TO MARICOPA**

ACCOUNT NO. 38-575-329-07  
**R-3179**  
 SHEET 4 OF 24

HORIZ. SCALE: 1" = 40'

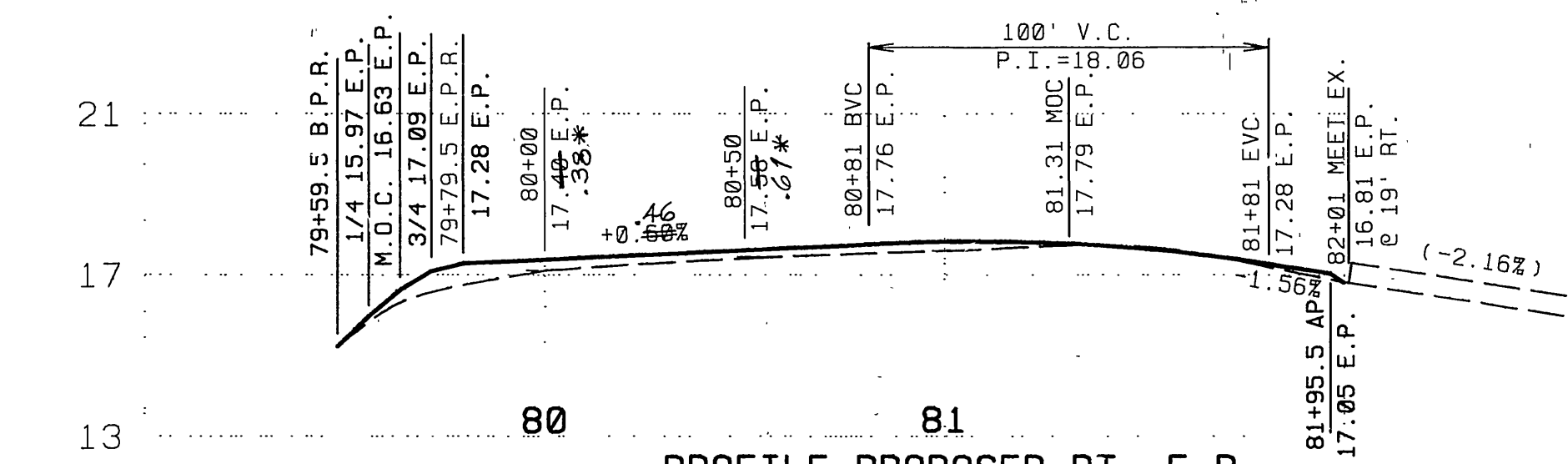


INDEXED 6-16-92 FH



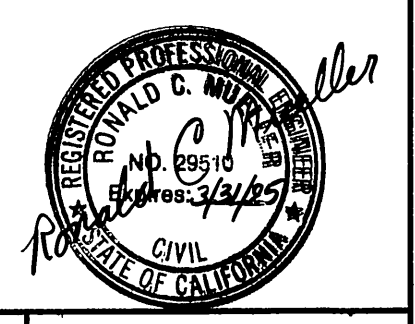
TYPICAL SECTION  
STA 80+05 TO 81+60

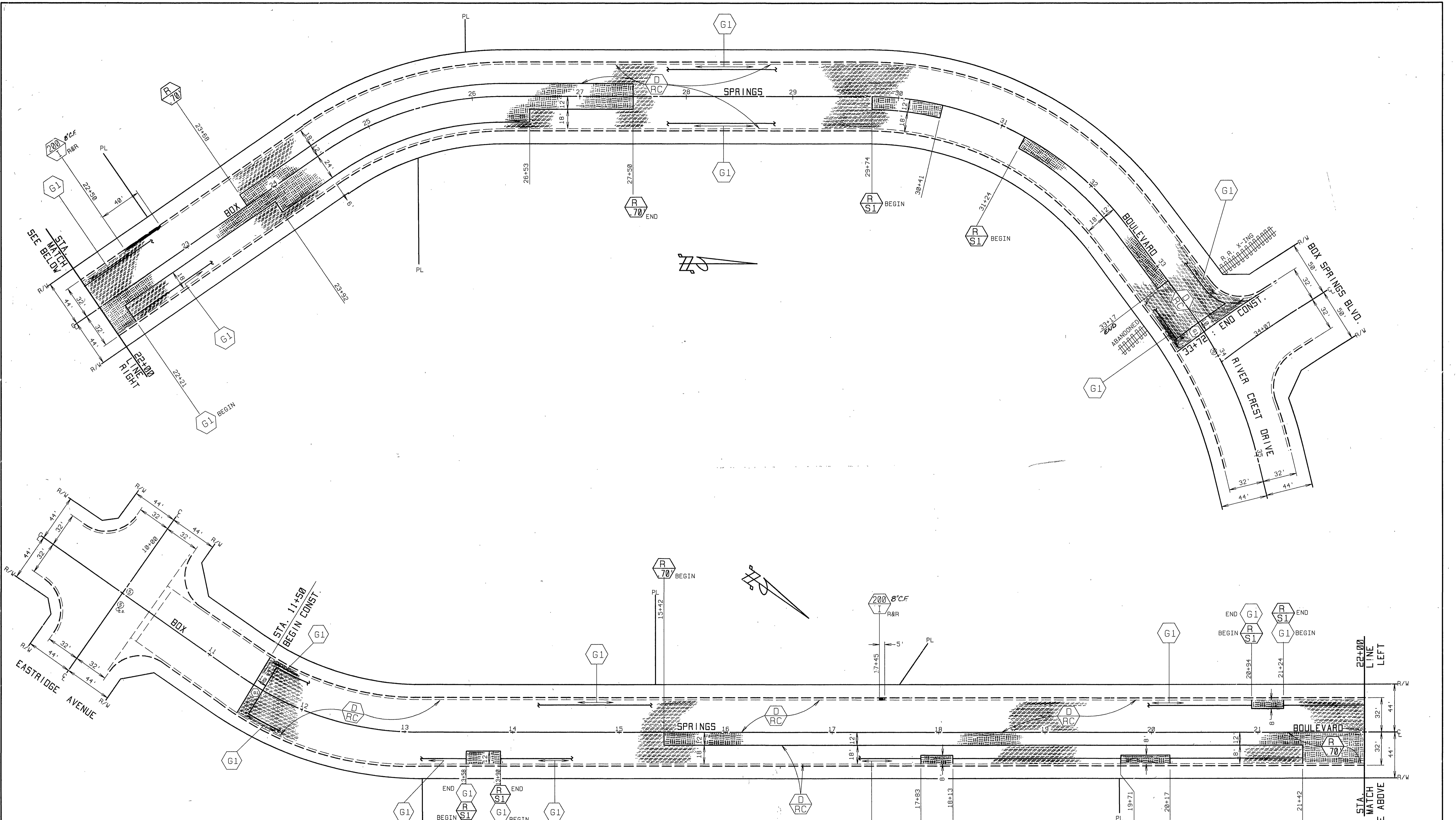
SCALE: HORIZ 1"=10'  
VERT 1"=2'



PROFILE PROPOSED RT. E.P.

<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		<b>REHABILITATION OF MAJOR</b> <b>CITY STREETS 1990-1991</b> BLAINE STREET WATKINS TO MARICOPA		ACCOUNT NO. 30-575-329-97 <b>R-3179</b> SHEET 5 OF 24
APPROVED BY: [Signature] DEPUTY P.W. ENGINEER		APPROVED BY: [Signature] PUBLIC WORKS DIRECTOR		*AS BUILT 2/24/93 RJM HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=4'
PRINCIPAL ENGINEER SURVEYOR		CHIEF P.W. INSPECTOR TRAFFIC DIVISION STREET SERVICES		
DESIGNED BY: RVZ DRAWN BY: RJM CHECKED BY: REM		DATE: 2/1/92		INDEXED 6-16-92 LHM





**QUANTITIES FOR BOX SPRINGS BLVD.**

ITEM	QUANTITY	ITEM	QUANTITY
DENSE GRADED A.C.	2288 TONS	TRAFFIC SIGNAL LOOPS	0 EA.
ASPHALT RUBBER S.A.T.	11495 SY	TACK COAT UNDER ARSAT	616 GAL
A.C.PVMT. GRINDING TYPE I	4545 LF	BLUE FIRE HYDRANT MARKERS	EA.
EXCAVATION, A.C. & BASE	747 CY	CRACK SEALING	9,360 L.F.
R&R C&G, 200-I (8" CF)	45 LF		
ADJUST SWR. & S.D.M.H. FRAME & COVER TO GRADE	EA.	⊕ PAVEMENT PREPARATION (0.5' THICK)	
ADJUST WATER GATE VALVE COVER TO GRADE	EA.	ASPHALT CONCRETE REMOVAL	96 CY
ADJUST WATER MH TO GRADE	EA.	D.G.A.C. REPLACEMENT	194 TONS

**CITY OF RIVERSIDE**  
PUBLIC WORKS DEPARTMENT

**REHABILITATION OF MAJOR CITY STREETS 1990-1991**  
**BOX SPRINGS BOULEVARD**  
**EASTRIDGE TO RIVERCREST**

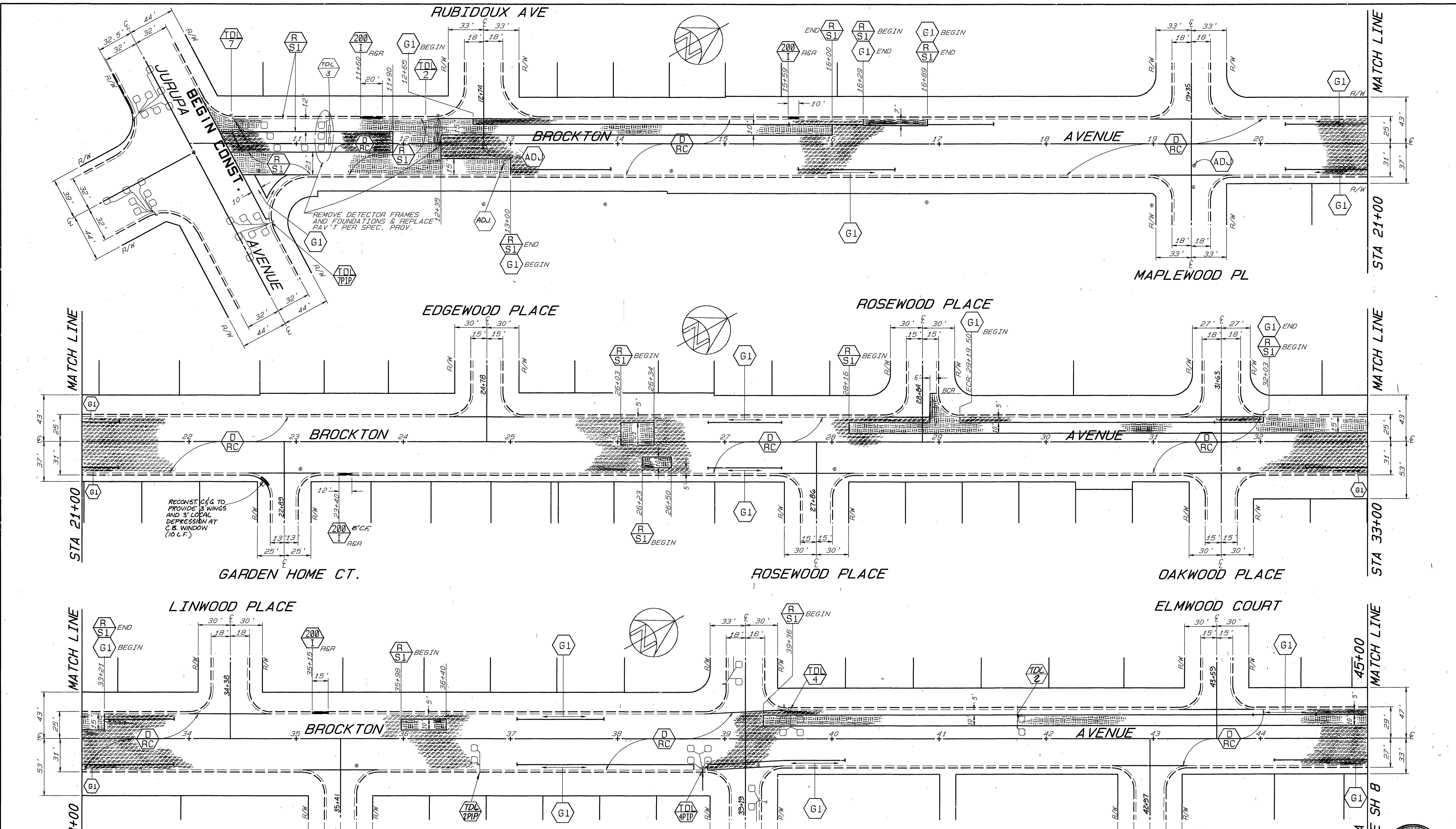
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 DEPUTY P.W. ENGINEER: [Signature] DATE: 2/17/92  
 PRINCIPAL ENGINEER: [Signature] DATE: 2/17/92  
 SURVEYOR: [Signature] DATE: 2/17/92  
 CHIEF P.W. INSPECTOR: [Signature] DATE: 2/17/92  
 TRAFFIC DIVISION: [Signature] DATE: 2/17/92  
 STREET SERVICES: [Signature] DATE: 2/17/92

AS BUILT 2/24/93 R/M

ACCOUNT NO. 38-575-329-07  
**R-3179**  
 SHEET 5 OF 24

HORIZ. SCALE: 1" = 40'

INDEXED 6-16-92 fth



**QUANTITIES FOR BROCKTON AVE**

ITEM	QUANTITY	ITEM	QUANTITY
DENSE GRADED A.C.	3740 TONS	TRAFFIC SIGNAL LOOPS	18 EA.
ASPHALT RUBBER S.A.T.	33842 SY	REMOVE TRAFFIC SIG. PADS	4 EA.
A.C. PVMT. GRINDING, TYPE I	12571 LF	BLUE FIRE HYDRANT MARKERS	17 EA.
EXCAVATION, A.C. & BASE	718 CY	PCC SPANDREL & X-GUTTER	400 SF
R&R C&G, 200-I (6"CF)	65 LF	TACK COAT UNDER ARSAT	1720 GAL
ADJUST SWR. & S.D.M.H. FRAME & COVER TO GRADE	14 EA.	RIP C&G 200-I (6"CF)	194 LF
ADJUST WATER GATE VALVE COVER TO GRADE	39 EA.	ADJUST ELECT. M.H. TO GRADE	1 EA.
ADJUST WATER MH TO GRADE	7 EA.	PAVEMENT PREPARATION (0.5" THICK)	
		ASPHALT CONCRETE REMOVAL	282 CY
		D.G.A.C. REPLACEMENT	571 TONS

CRACK SEALING 24,360 L.F.

**CITY OF RIVERSIDE**  
PUBLIC WORKS DEPARTMENT

**REHABILITATION OF MAJOR CITY STREETS 1990-1991**

**BROCKTON AVENUE**  
**JURUPA AVE TO TEQUESQUITE**

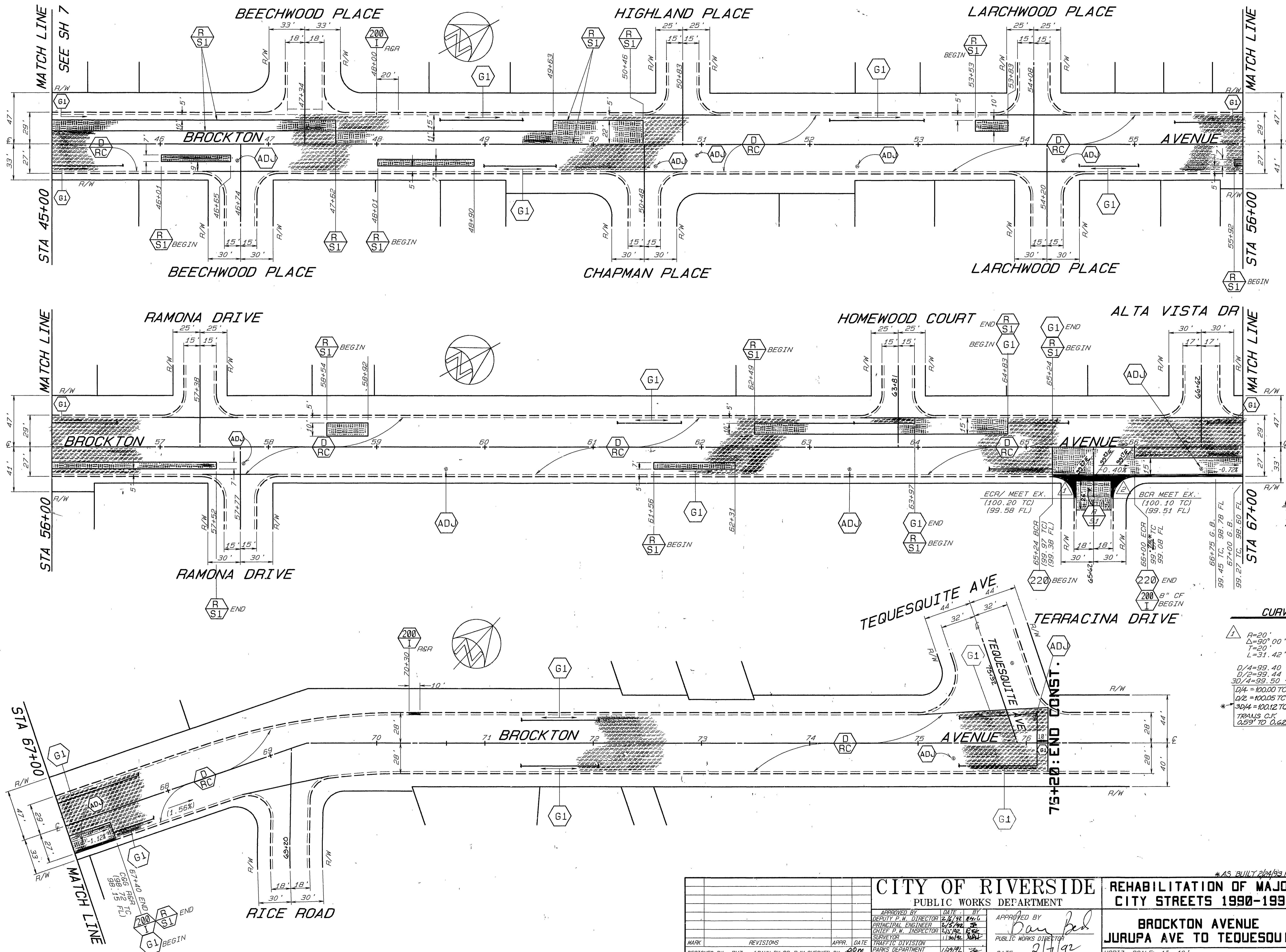
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 DEPUTY P.W. DIRECTOR: [Signature] DATE: 2/19/92  
 PRINCIPAL ENGINEER: [Signature] DATE: 2/19/92  
 CHIEF P.W. INSPECTOR: [Signature] DATE: 2/19/92

MARK REVISIONS APPR. DATE  
 DESIGNED BY: BVZ DRAWN BY: CS, RIM CHECKED BY: REM

DATE: 2/19/92

ACCOUNT NO. 30-575-329-07  
**R-3179**  
 SHEET 7 OF 24

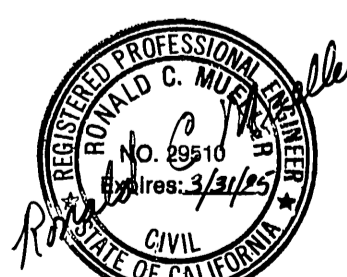




**BENCHMARK**  
 T.C. ELY SIDE BROCKTON AVE  
 AT STA. 65+00  
 ASSUMED ELEV. = 100.00

**CURVE DATA**

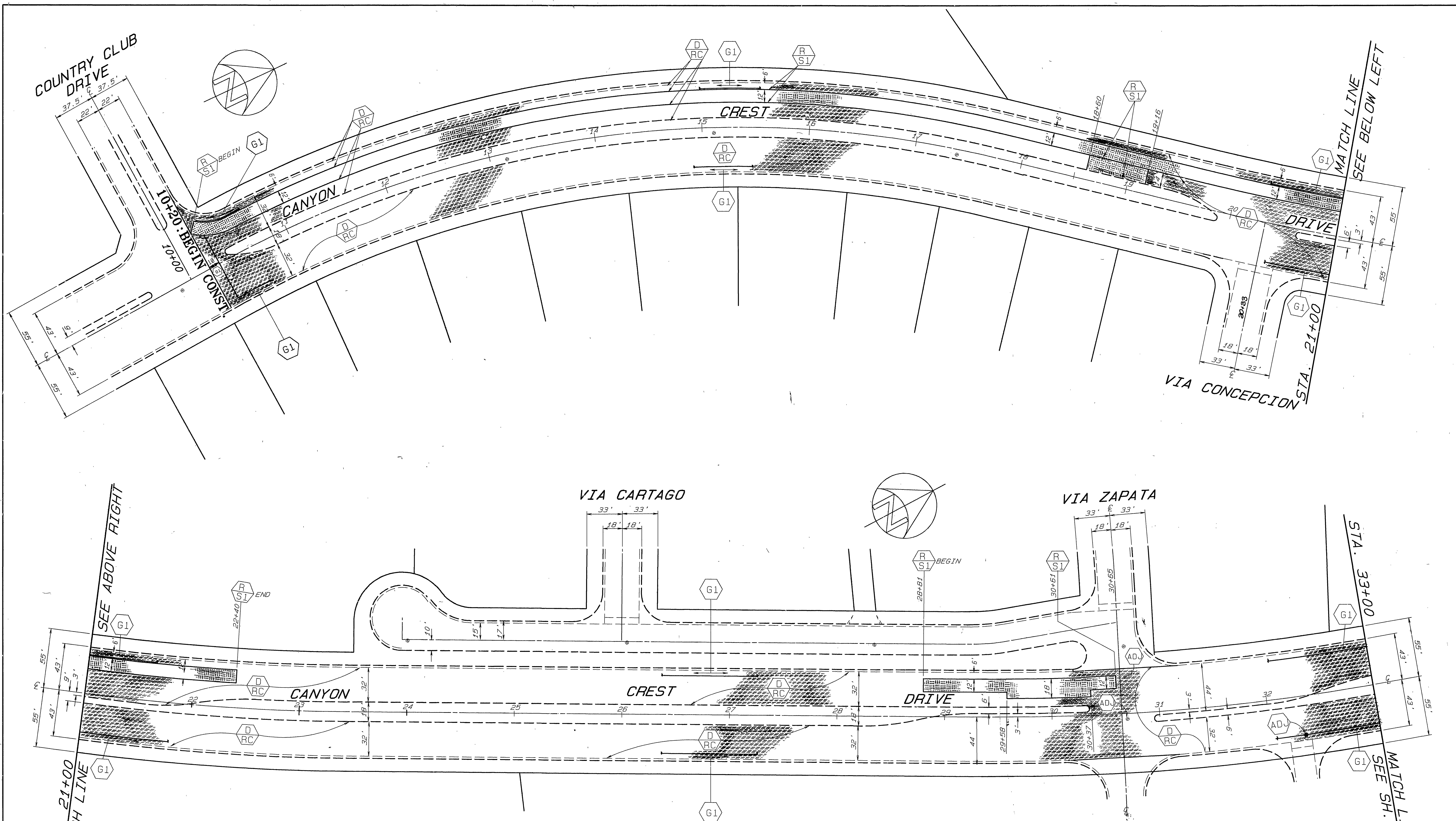
1	R=20' Δ=90° 00' 00" T=20' L=31.42'	2	R=20' Δ=90° 00' 00" T=20' L=31.42'
D/4=99.40 T&R*		D/4=99.41 T&R*	
D/2=99.44 T&R*		D/2=99.29 T&R*	
3D/4=99.50 T&R*		3D/4=99.17 T&R*	
D/4 = 100.00 TC		D/4 = 100.02 TC	
D/2 = 100.05 TC		D/2 = 99.92 TC	
3D/4 = 100.12 TC		3D/4 = 99.82 TC	
TRANS. C.F. 0.59' TO 0.62'		TRANS. C.F. 0.59' TO 0.67'	



\*AS BUILT 2/24/93 RJM

<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		<b>REHABILITATION OF MAJOR CITY STREETS 1990-1991</b>	
		<b>BROCKTON AVENUE</b> JURUPA AVE TO TEQUESQUITE	
APPROVED BY: [Signature] DEPUTY P.W. DIRECTOR	DATE: 2/1/92	APPROVED BY: [Signature] PUBLIC WORKS DIRECTOR	DATE: 2/1/92
DESIGNED BY: RVZ DRAWN BY: CS, RJM CHECKED BY: RJM	REVISIONS: [Table with 3 columns: MARK, REVISIONS, APPR. DATE] APPR. DATE: 1/29/92	SHEET: 8 OF 24	ACCOUNT NO. 30-575-329-07 <b>R-3179</b>



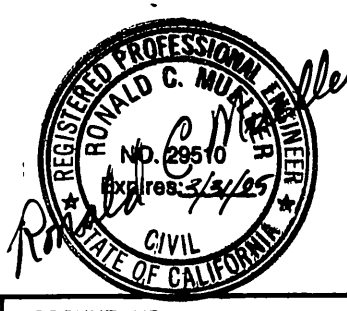
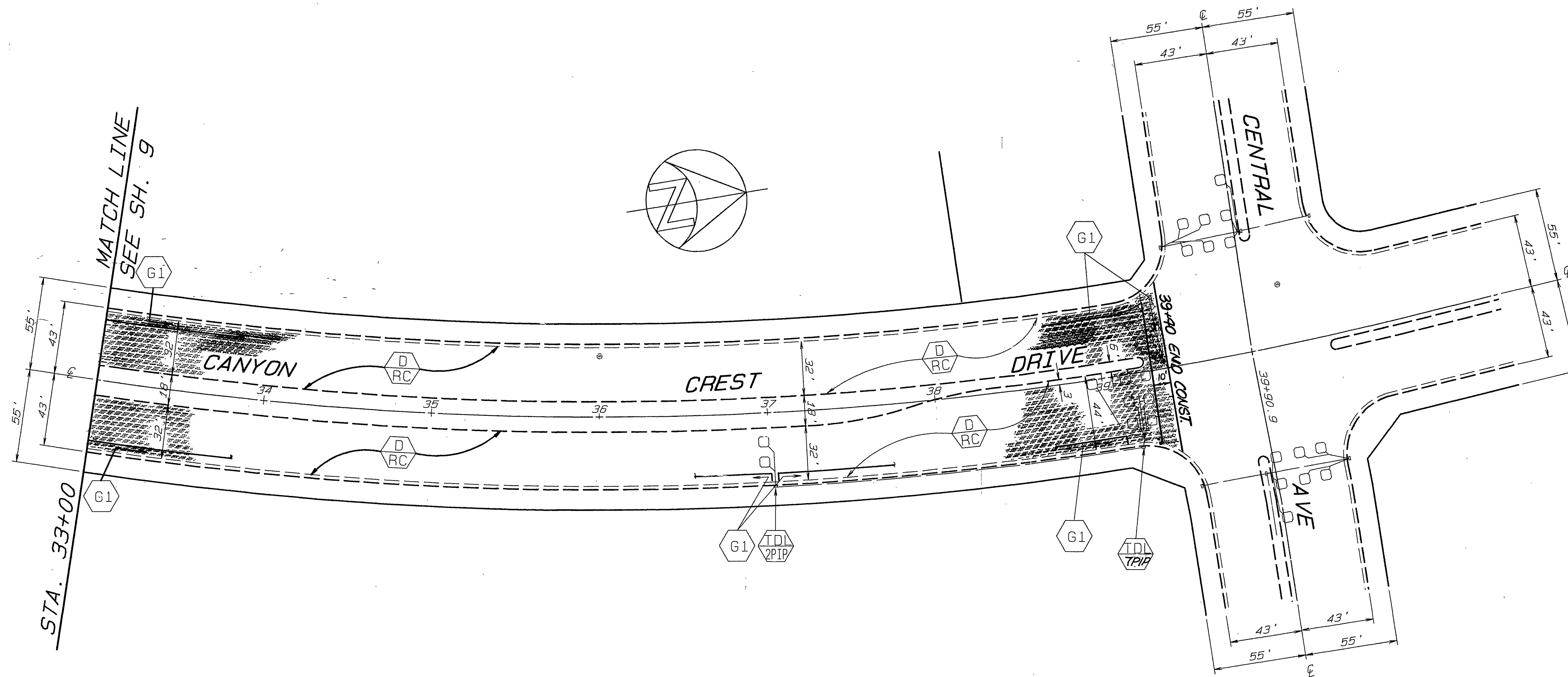


QUANTITIES FOR CANYON CREST DRIVE

ITEM	QUANTITY	ITEM	QUANTITY
DENSE GRADED A.C.	1933 TONS	TRAFFIC SIGNAL LOOPS	0 EA.
ASPHALT RUBBER S.A.T.	18608 SY	TACK COAT UNDER ARSAT	930 GAL
A.C.PVMT. GRINDING, TYPE I	5994 LF	BLUE FIRE HYDRANT MARKERS	5 EA.
EXCAVATION, A.C. & BASE	334 CY	CRACK SEALING	8,040 L.F.
R&R C&G, 200-I (6" CF)	0 LF		
ADJUST SWR. & S.D.M.H.	3 EA.	⊕ PAVEMENT PREPARATION (0.5' THICK)	
FRAME & COVER TO GRADE		ASPHALT CONCRETE REMOVAL	155 CY
ADJUST WATER GATE VALVE COVER TO GRADE	10 EA.	D.G.A.C. REPLACEMENT	313 TONS
ADJUST WATER MH TO GRADE	0 EA.		

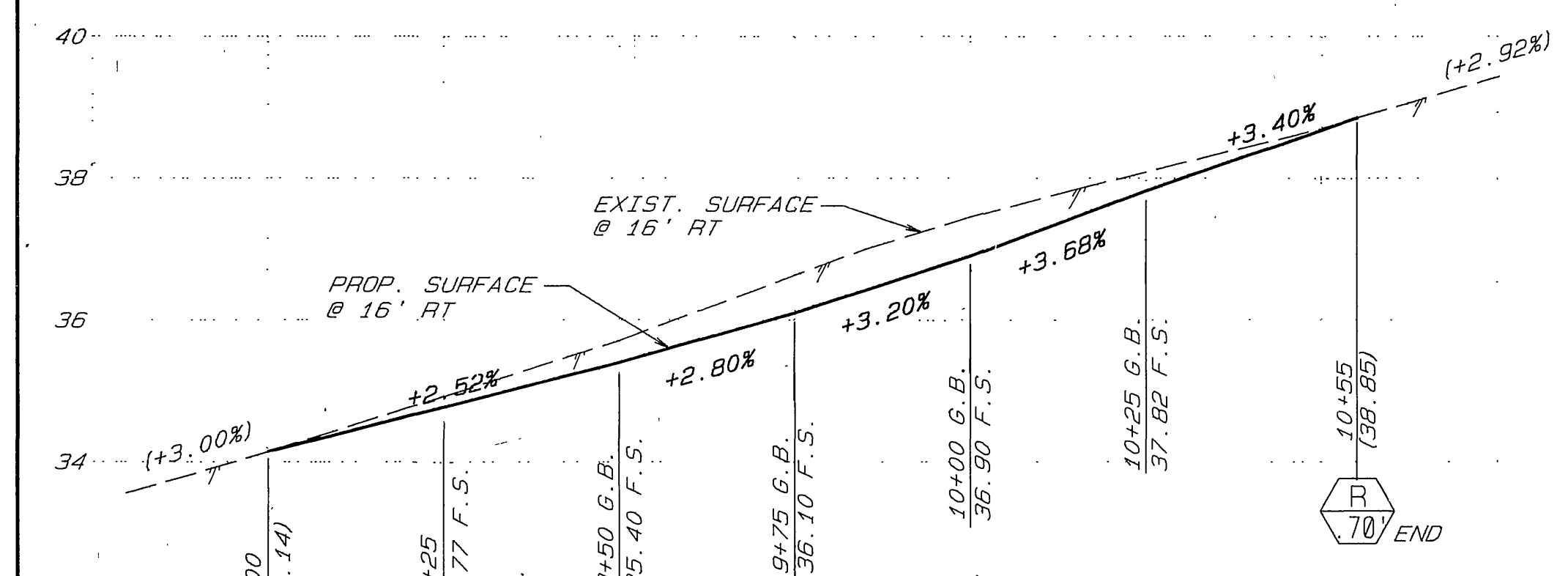
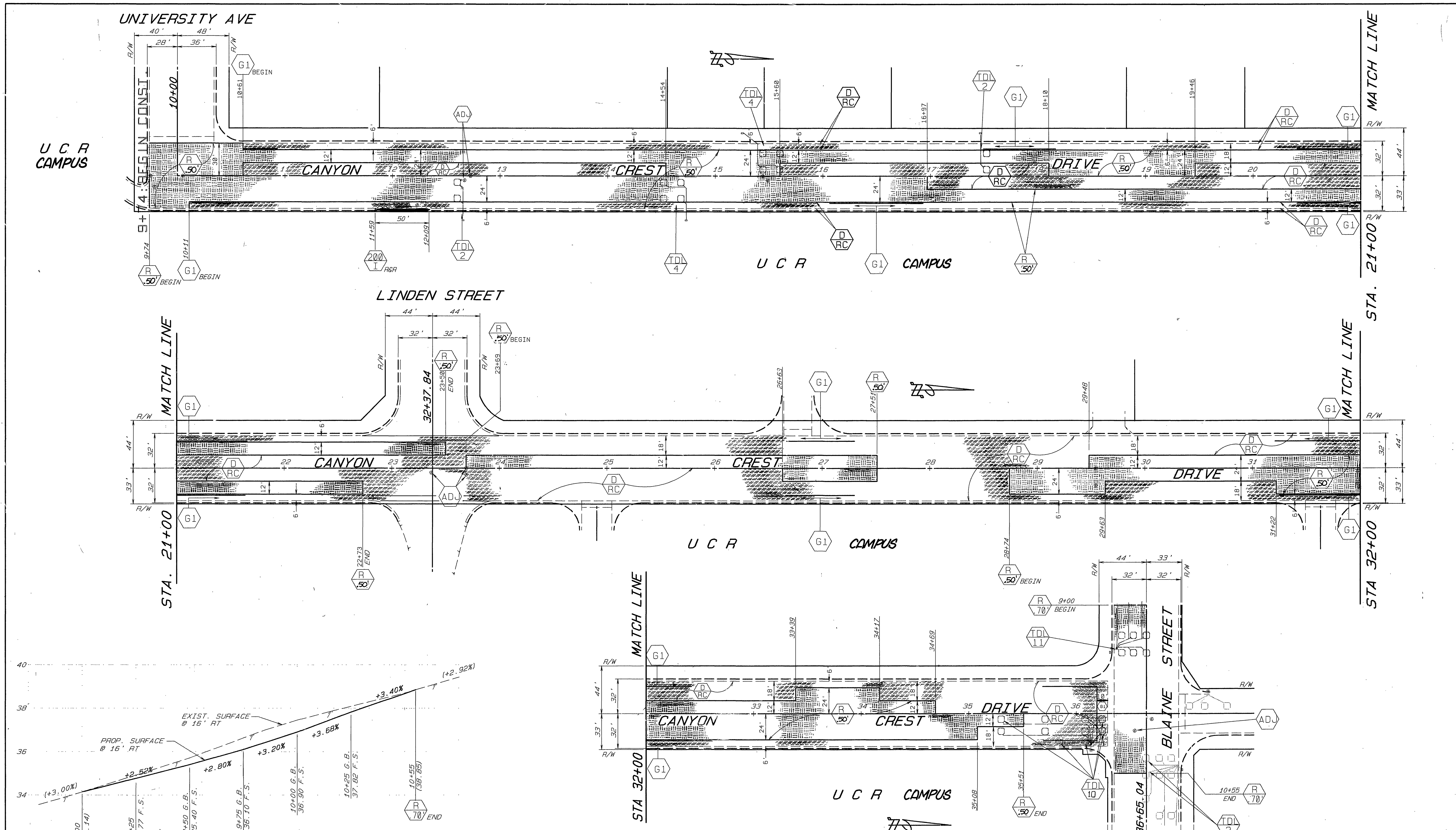
<p><b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT</p>		<p><b>REHABILITATION OF MAJOR CITY STREETS 1990-1991</b></p>	
<p>APPROVED BY: <i>[Signature]</i> DATE: 2/5/92</p>		<p>APPROVED BY: <i>[Signature]</i> DATE: 2/7/92</p>	
<p>DESIGNED BY: BVZ DRAWN BY: CS, RJM CHECKED BY: JRM</p>		<p>TRAFFIC DIVISION DATE: 1/27/92</p>	
<p>AS BUILT 2/24/93 RJM</p>		<p>ACCOUNT NO. 90-575-329-07</p>	
<p>R-3179</p>		<p>SHEET 9 OF 24</p>	





		<b>CITY OF RIVERSIDE</b>		<b>REHABILITATION OF MAJOR CITY STREETS 1990-1991</b>		ACCOUNT NO. 30-575-328-07	
		PUBLIC WORKS DEPARTMENT		<b>R-3179</b>		SHEET 10 OF 24	
		APPROVED BY _____ DATE _____ BY _____ PRINCIPAL ENGINEER CHIEF P.W. ENGINEER CHIEF P.W. INSPECTOR		APPROVED BY _____ DATE _____ PUBLIC WORKS DIRECTOR			
		DESIGNED BY <u>BVZ</u> DRAWN BY <u>CS, R.M.</u> CHECKED BY <u>REM</u>		SURVEYOR _____ DATE _____ TRAFFIC DIVISION STREET SERVICES		HORIZ. SCALE: 1" = 40' AS BUILT 2/24/93 R.M.	

INDEXED 6-16-92 fH



PROFILE @ 16' RT.  
 @ BLAINE STREET

SCALE: HORIZ 1"=20'  
 VERT. 1"=2'

BENCHMARK  
 PK NAIL @ RIV CITY ENGR TAG IN  
 NE CURB RETURN BLAINE & CANYON CREST  
 ELEV = 103.1%

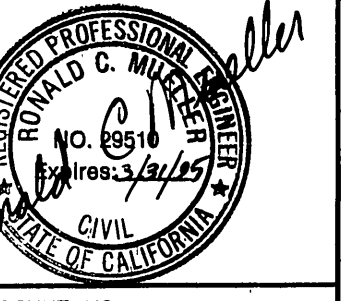
QUANTITIES FOR CANYON CREST DRIVE			
ITEM	QUANTITY	ITEM	QUANTITY
DENSE GRADED A.C.	3611 TONS	TRAFFIC SIGNAL LOOPS	33 EA.
ASPHALT RUBBER S.A.T.	9584 SY	TACK COAT UNDER ARSAT	980 GAL
A.C.PVMT. GRINDING, TYPE I	5356 LF	BLUE FIRE HYDRANT MARKERS	6 EA.
EXCAVATION, A.C. & BASE	1503 CY	CRACK SEALING	10,640 LF.
R&R C&G, 200-I(6" CF)	50 LF		
ADJUST SWR. & S.D.M.H.	8 EA.		
FRAME & COVER TO GRADE		⊕ PAVEMENT PREPARATION (0.5" THICK)	
ADJUST WATER GATE VALVE	15 EA.	ASPHALT CONCRETE REMOVAL	79 CY
COVER TO GRADE		D.G.A.C. REPLACEMENT	159 TONS
ADJUST WATER MH TO GRADE	0 EA.		

CITY OF RIVERSIDE  
 PUBLIC WORKS DEPARTMENT

REHABILITATION OF MAJOR  
 CITY STREETS 1990-1991

APPROVED BY: [Signature]  
 DATE: 2/19/92  
 BY: [Signature]  
 DATE: 2/19/92  
 PUBLIC WORKS DIRECTOR

CANYON CREST DRIVE  
 UNIVERSITY TO BLAINE



AS BUILT 2/24/93 R/W

ACCOUNT NO. 30-575-320-07

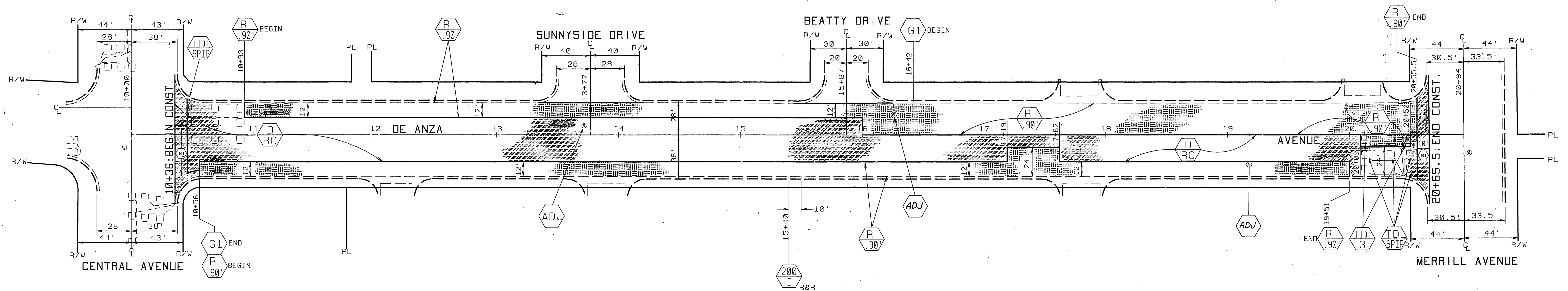
R-3179

SHEET 11 OF 24

DESIGNED BY: BVZ DRAWN BY: CS, BJM, CHECKED BY: REM

HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=2'

INDEXED 6-16-92 LH



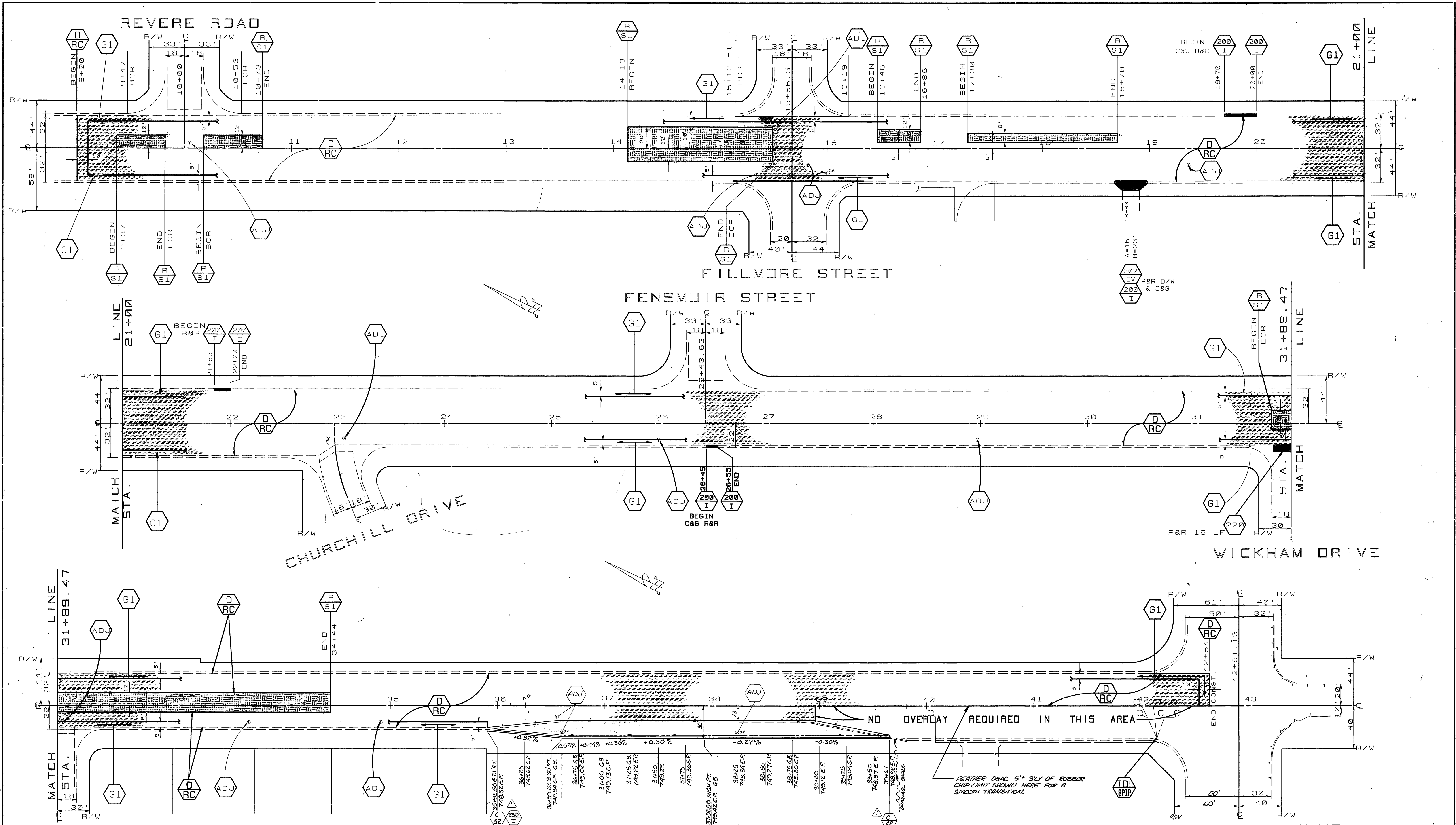
*HS*

QUANTITIES FOR DE ANZA AVE			
ITEM	QUANTITY	ITEM	QUANTITY
DENSE GRADED A.C.	2281 TONS	TRAFFIC SIGNAL LOOPS	3* EA.
ASPHALT RUBBER S.A.T.	3540 SY	TACK COAT UNDER ARSAT	177 GAL
A.C. PVMT. GRINDING TYPE I	350 LF	BLUE FIRE HYDRANT MARKERS	2 EA.
EXCAVATION, A.C. & BASE	1008 CY	CRACK SEALING	4,120 LF
R&R C&G, 200-I (6'CF)	10 LF	ADJUST ELECT. MH. TO GRADE	2 EA.
ADJUST SWR. & S.D.M.H. FRAME & COVER TO GRADE	1 EA.		
ADJUST WATER GATE VALVE COVER TO GRADE	3 EA.	⊕ PAVEMENT PREPARATION (0.5' THICK)	
ADJUST WATER MH TO GRADE	0 EA.	ASPHALT CONCRETE REMOVAL	40 CY
		D.G.A.C. REPLACEMENT	81 TONS

<b>CITY OF RIVERSIDE</b> <b>PUBLIC WORKS DEPARTMENT</b>		<b>REHABILITATION OF MAJOR CITY STREETS 1990-1991</b> <b>DE ANZA AVENUE</b> <b>CENTRAL TO MERRILL</b>		ACCOUNT NO. 38-575-329-87 <b>R-3179</b> SHEET 12 OF 24
APPROVED BY DEPUTY P.W. ENGINEER PRINCIPAL ENGINEER SURVEYOR CHIEF P.W. INSPECTOR TRAFFIC DIVISION STREET SERVICES	DATE 2/16/92 2/16/92 1/30/92	BY <i>MG</i> <i>RC</i> <i>RC</i>	APPROVED BY <i>Barry J. [Signature]</i> PUBLIC WORKS DIRECTOR	DATE 2/7/92
DESIGNED BY <i>RVZ</i> DRAWN BY <i>RJM</i> CHECKED BY <i>ROM</i>		HORIZ. SCALE: 1" = 40'		



INDEXED 6-16-92 JFH



**QUANTITIES FOR INDIANA AVE.**

ITEM	QUANTITY	ITEM	QUANTITY
DENSE GRADED A.C.	1662 TONS	R&R C&G, 200-I (6" CF)	78 LF
ASPHALT RUBBER S.A.T.	17,945 SY	R&R X-GUTTER, STD 220	96 SF
A.C. PVMT. GRINDING, TYPE I	6205 LF	BLUE FIRE HYDRANT MARKERS	4 EA.
EXCAVATION, A.C. & BASE	223 CY	R&R CONC D/W, STD 302-IV	138 SF
CRACK SEALING	10,100 LF	TACK COAT UNDER ARSAT	897 GAL
ADJUST SWR. & S.D.M.H. FRAME & COVER TO GRADE	12 EA.		
ADJUST WATER GATE VALVE COVER TO GRADE	17 EA.	⊕ PAVEMENT PREPARATION (0.5" THICK)	
ADJUST ELECT. MH TO GRADE	1 EA.	ASPHALT CONCRETE REMOVAL	150 CY
		D.G.A.C. REPLACEMENT	303 TONS

BENCHMARK  
 22-0' IR NAIL IN CENTER OF S.E. CURB  
 RETURN TO INDIANA AVE @ FILLMORE ST  
 ELEV. - 738.368

DESIGNED BY RVZ DRAWN BY RJM CHECKED BY ROM

**CITY OF RIVERSIDE**  
 PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature] DATE: 2/17/92  
 DEPUTY P.W. ENGINEER

APPROVED BY: [Signature] DATE: 2/17/92  
 CHIEF P.W. INSPECTOR

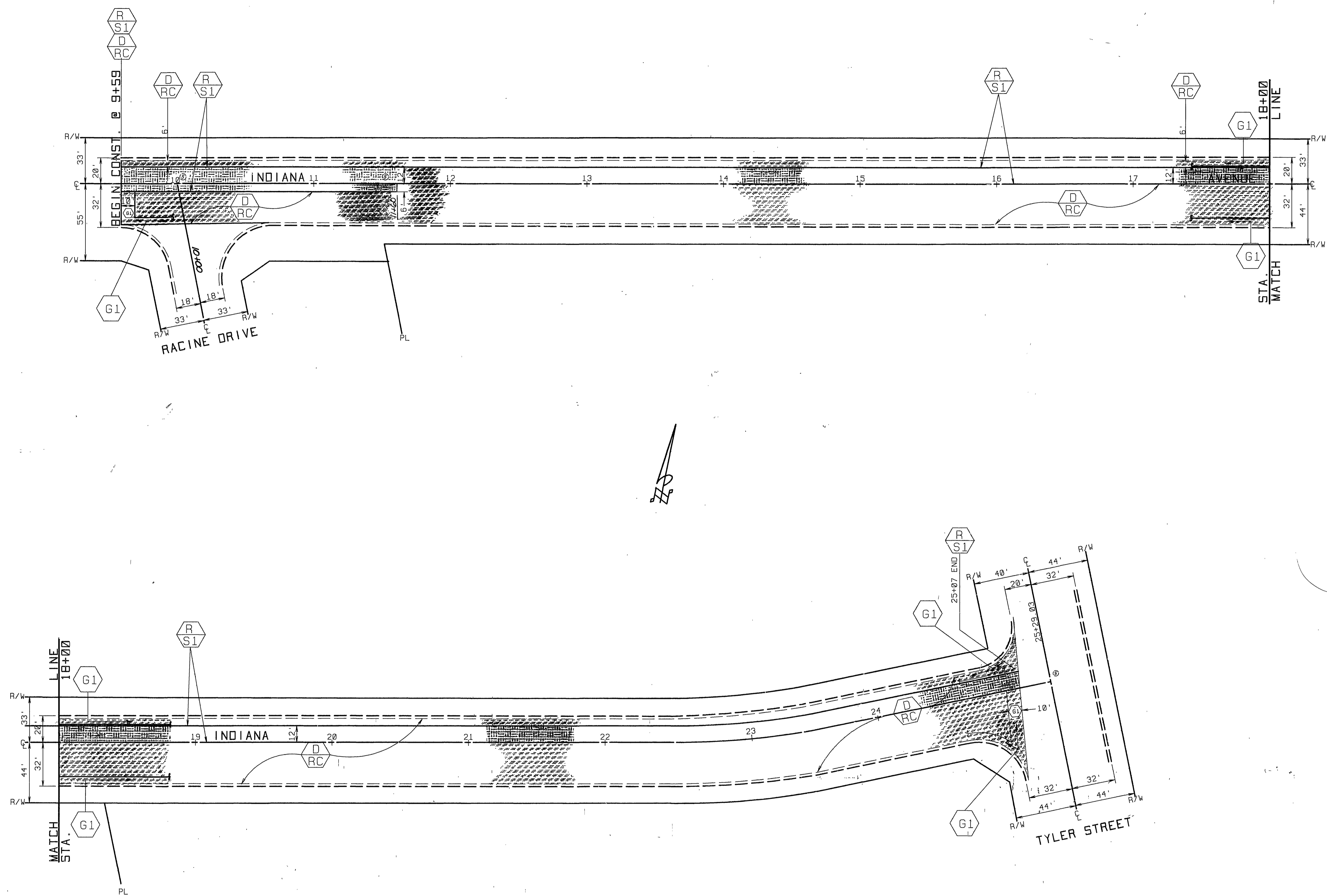
TRAFFIC DIVISION  
 STREET SERVICES

REHABILITATION OF MAJOR  
 CITY STREETS 1990-1991

INDIANA AVENUE  
 REVERE TO LA SIERRA

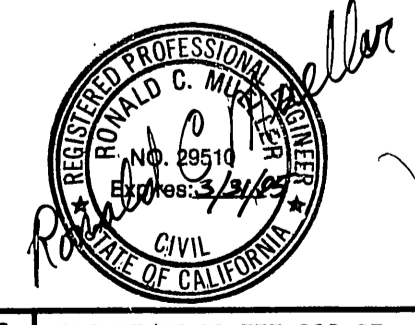
REGISTERED PROFESSIONAL ENGINEER  
 CALIFORNIA  
 NO. 139510  
 EXPIRES 3/31/95

ACCOUNT NO. 38-575-329-97  
**R-3179**  
 SHEET 13 OF 24

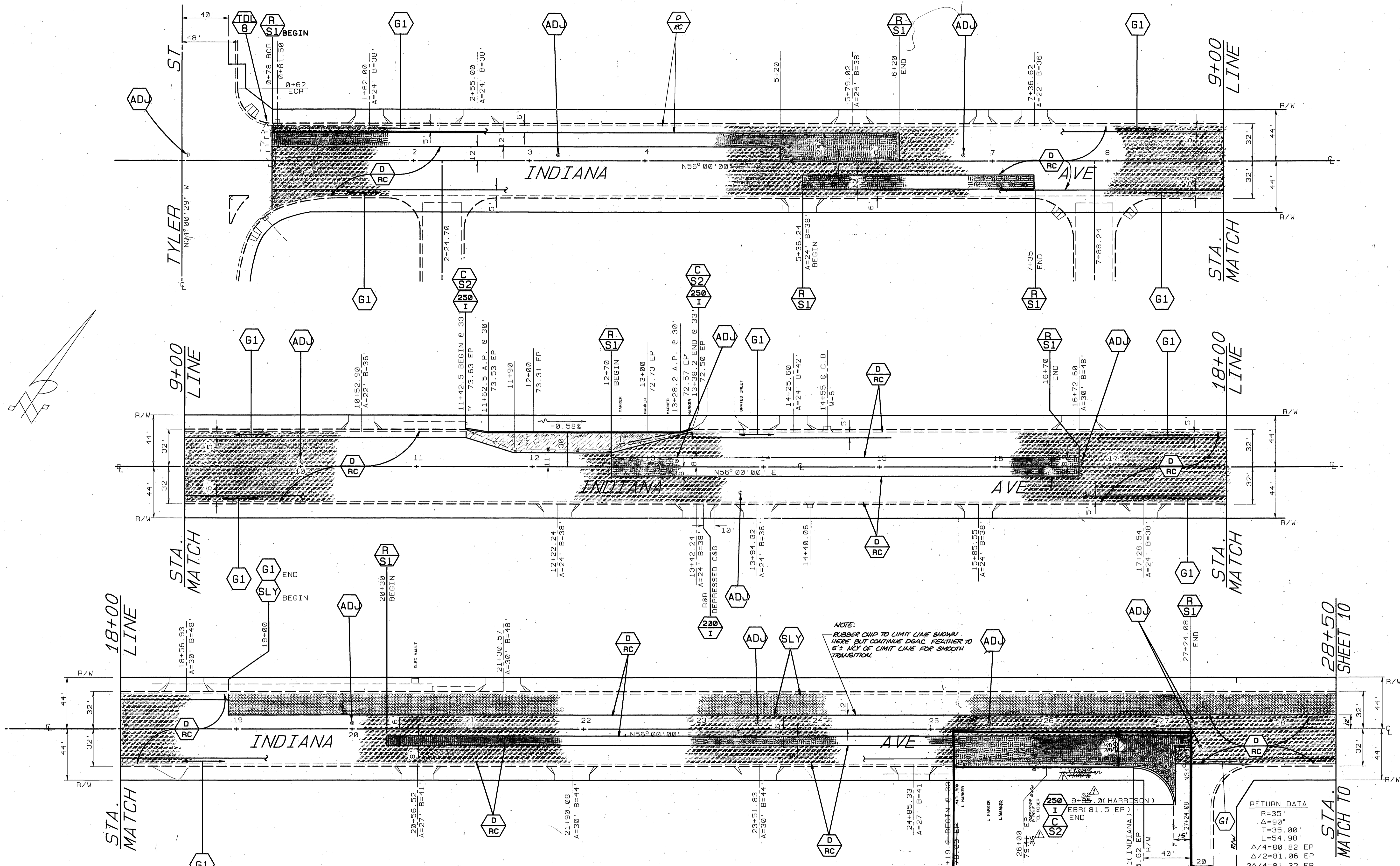


QUANTITIES FOR INDIANA AVENUE			
ITEM	QUANTITY	ITEM	QUANTITY
DENSE GRADED A.C.	952 TONS	TRAFFIC SIGNAL LOOPS	0 EA.
ASPHALT RUBBER S.A.T.	6801 SY	TACK COAT UNDER ARSAT	340 GAL
A.C. PVMT. GRINDING, TYPE I	3204 LF	BLUE FIRE HYDRANT MARKERS	0 EA.
EXCAVATION, A.C. & BASE	243 CY		
CRACK SEALING	6,200 L.F.		
ADJUST SWR. & S.D.M.H. FRAME & COVER TO GRADE	0 EA.	⊕ PAVEMENT PREPARATION (0.5' THICK)	
ADJUST WATER GATE VALVE COVER TO GRADE	1 EA.	ASPHALT CONCRETE REMOVAL	57 CY
ADJUST WATER MH TO GRADE	0 EA.	D.G.A.C. REPLACEMENT	115 TONS

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT		REHABILITATION OF MAJOR CITY STREETS 1990-1991 INDIANA AVENUE RACINE TO TYLER		ACCOUNT NO. 38-575-329-07 <b>R-3179</b> SHEET 14 OF 24
APPROVED BY DEPUTY P.W. ENGINEER PRINCIPAL ENGINEER SURVEYOR	DATE 2/16/92 4/5/92	APPROVED BY <i>[Signature]</i> PUBLIC WORKS DIRECTOR	DATE 2/7/92	AS BUILT 2/24/93 RJM
DESIGNED BY RVZ, DRAWN BY RJM, L.H. CHECKED BY RCM		REVISIONS APPR. DATE		



INDEXED 6-16-92 H



NOTE: RUBBER CHIP TO LIMIT LINE SHOWAL HERE BUT CONTINUE DGAC FEATHER TO 5\"/>

RETURN DATA  
 R=35'  
 Δ=90°  
 T=35.00'  
 L=54.98'  
 Δ/4=80.82 EP  
 Δ/2=81.06 EP  
 3Δ/4=81.32 EP

QUANTITIES FOR COLUMBIA AVE.			
ITEM	QUANTITY	ITEM	QUANTITY
DENSE GRADED A.C.	9522 TONS	TRAFFIC SIGNAL LOOPS	30 EA.
ASPHALT RUBBER S.A.T.	78.380 SY	TACK COAT UNDER ARSAT	3930 GAL.
A.C.PVMT. GRINDING TYPE I	26934 LF	BLUE FIRE HYDRANT MARKERS	34 EA.
EXCAVATION, A.C.8BASE	2038 CY	AC BERM STD 250 TYPE I	2529 LF
CRACK SEALING	39,150 LF	R&R C&G, 200-I(6" CF)	221 LF
SLURRY SEAL	1945 SY	CSP INLET, STD 412	1 EA
ADJUST SWR. & S.D.M.H.	56 EA.	INSTALL 30" CSP	20 LF
FRAME & COVER TO GRADE		TREE REMOVAL-CL. II	10 EA
ADJUST WATER GATE VALVE	82 EA.	⊕ PAVEMENT PREPARATION (0.5" THICK)	
COVER TO GRADE		ASPHALT CONCRETE REMOVAL	653 CY
ADJUST ELECT. P.B. TO GRADE	2 EA.	R&R CONC D/W APPR STD 302-IV	234 SF
		D.G.A.C. REPLACEMENT	1321 TONS

BENCHMARK  
 601-21 BRIDGE DIK IN CEMENT POST IN  
 TRIS OF HARRISON ST 816' NLY OF  
 S INDIANA AVE ELEV 7800'

HARRISON ST

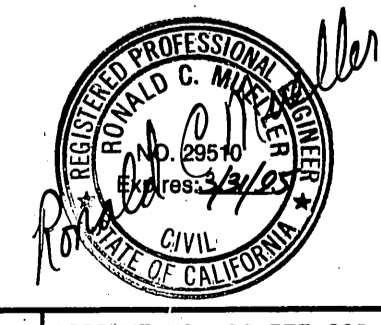
CITY OF RIVERSIDE  
 PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature]  
 DATE: 2/7/92

REHABILITATION OF MAJOR  
 CITY STREETS 1990-1991

INDIANA AVENUE  
 TYLER TO JEFFERSON

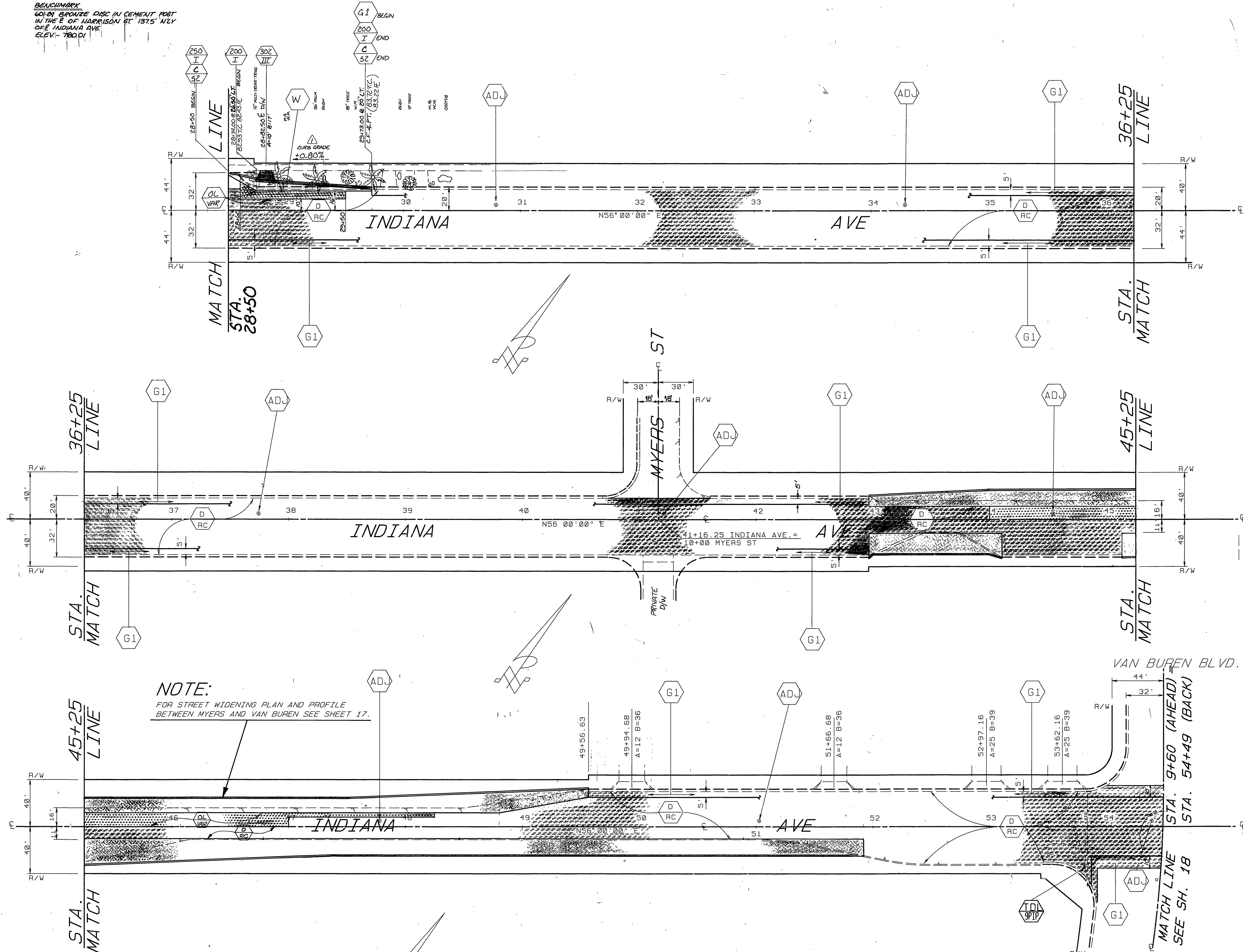
APPROVED BY: [Signature]  
 DATE: 2/7/92



ACCOUNT NO. 38-575-329-87  
**R-3179**  
 SHEET 15 OF 24

INDEXED 6-16-92 gfh

BENCHMARK  
 6021 BRONZE DISC IN CEMENT POST  
 IN THE E. OF HARRISON ST. 137.5' NLY  
 OF INDIANA AVE.  
 ELEV. 780.01



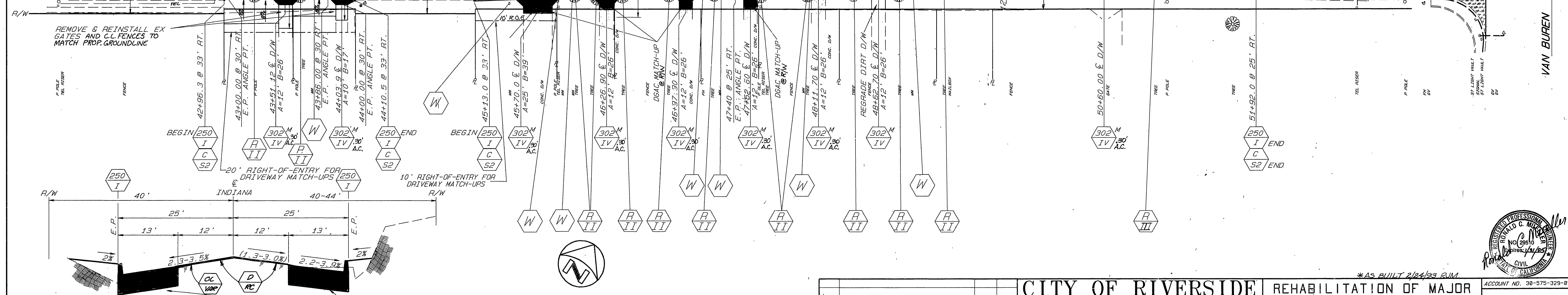
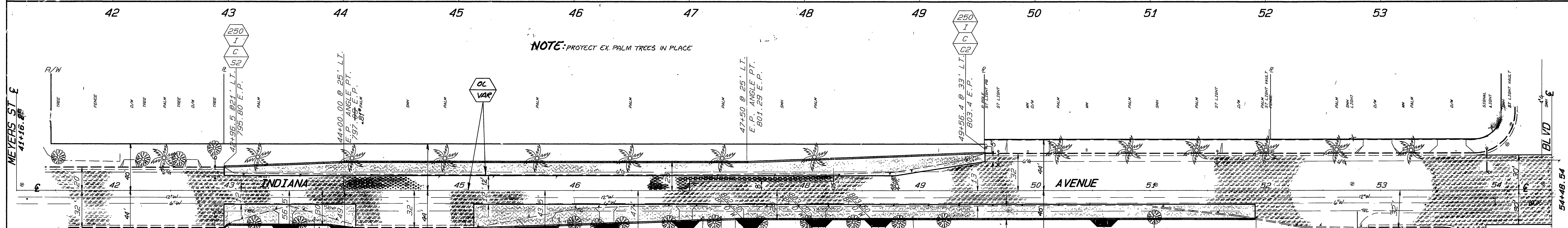
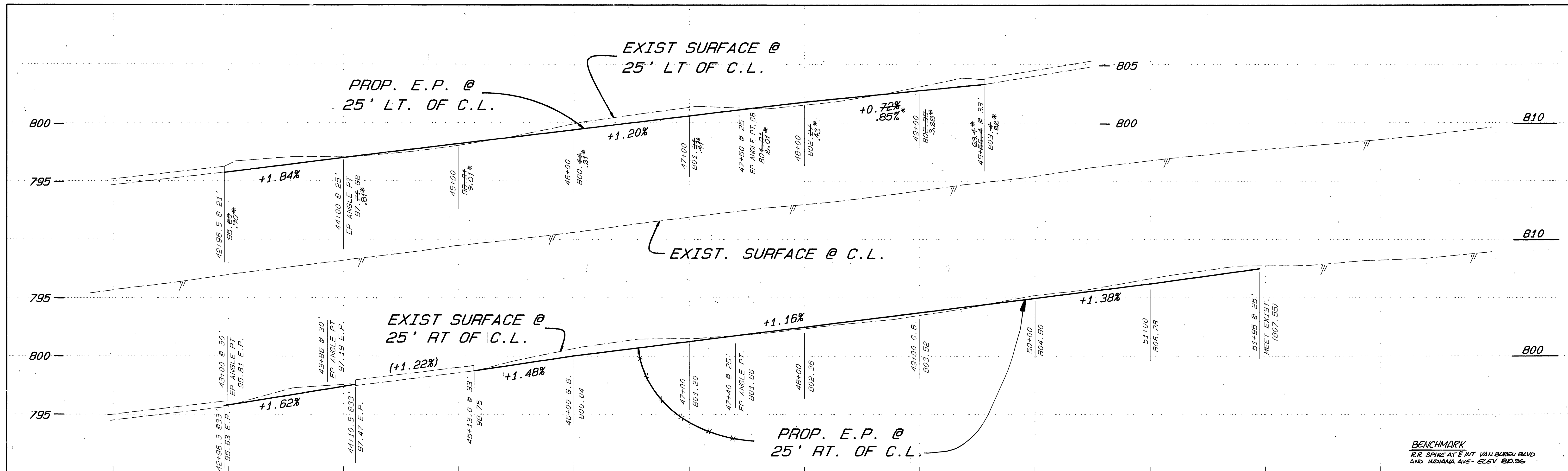
NOTE:  
 FOR STREET WIDENING PLAN AND PROFILE  
 BETWEEN MYERS AND VAN BUREN SEE SHEET 17.

AS BUILT 2/24/92 RJM

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT		REHABILITATION OF MAJOR CITY STREETS 1990-1991		ACCOUNT NO. 38-575-329-07
APPROVED BY: [Signature] DEPUTY P.W. ENGINEER		APPROVED BY: [Signature] PUBLIC WORKS DIRECTOR		<b>R-3179</b> SHEET 16 OF 24
DATE: 2/15/92		DATE: 2/7/92		
DESIGNED BY: RVZ		DRAWN BY: CS.RJM		HORIZ. SCALE: 1" = 40'

INDEXED 6-16-92 LK

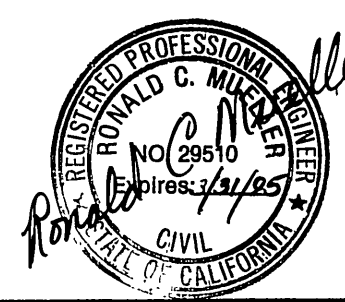


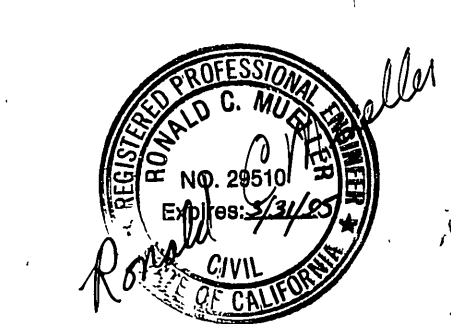
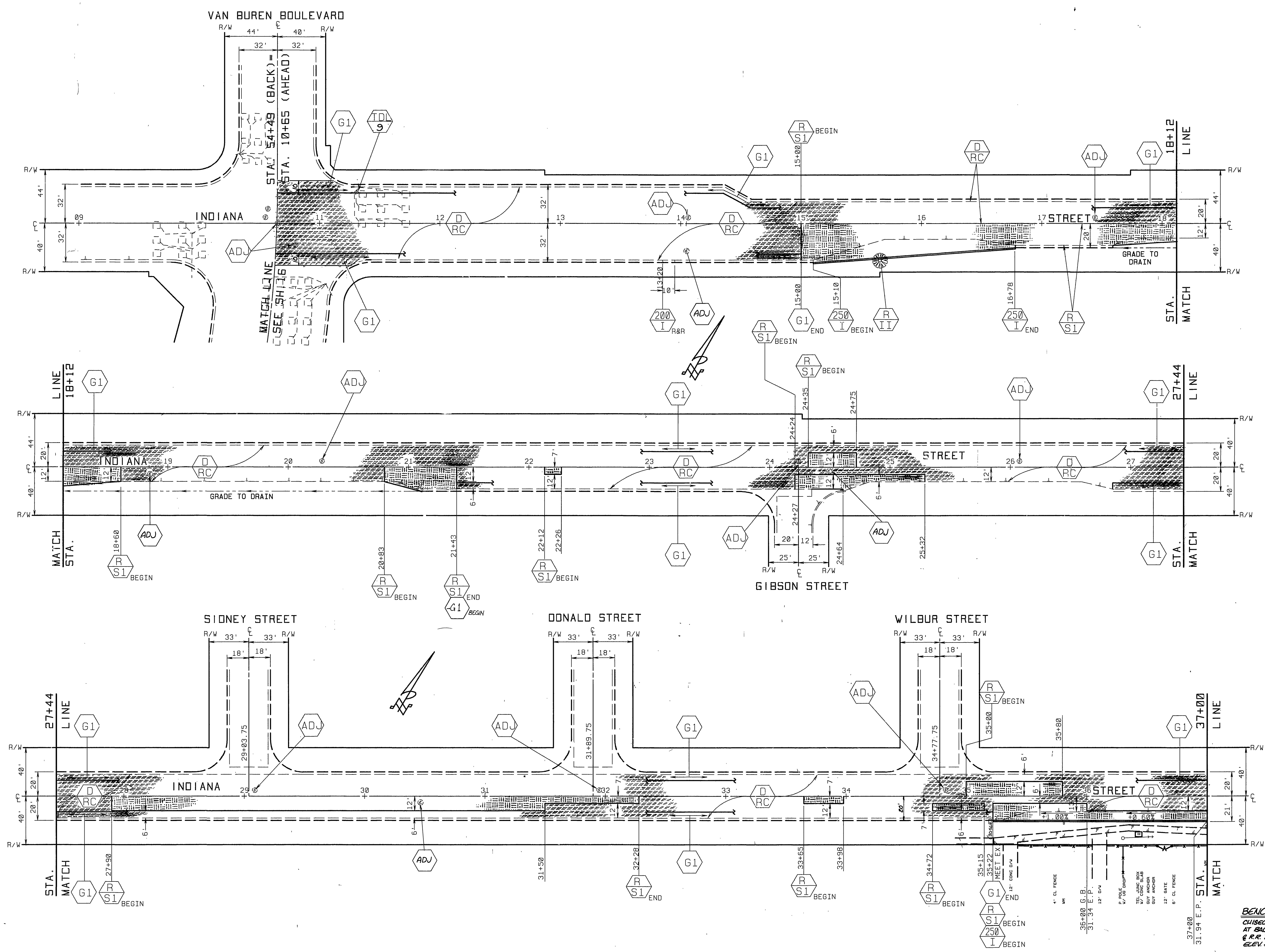


TYP. SECTION INDIANA AVE  
 STA 44+00 TO 47+50 LT. SIDE  
 STA 47+40 TO 51+92 RT. SIDE  
 SCALE: HORIZ 1"=10' VERT 1"=2'

CONSTRUCT STRUCTURAL SECTION OF .83' FULL DEPTH D.G.A.C. OVER NATIVE.

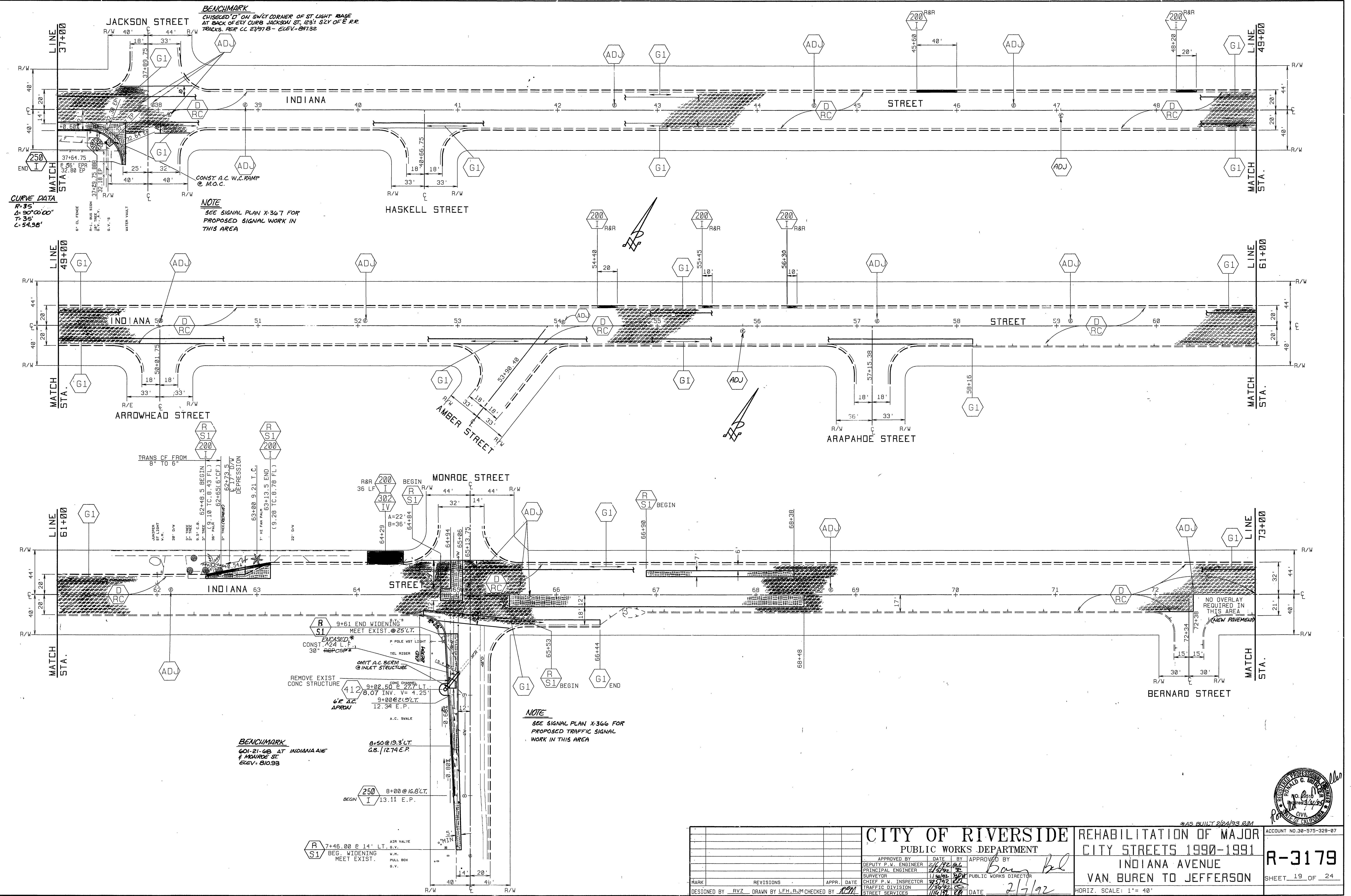
<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		REHABILITATION OF MAJOR CITY STREETS 1990-1991		ACCOUNT NO. 38-575-329-97
APPROVED BY: <i>[Signature]</i> DEPUTY P.W. ENGINEER		APPROVED BY: <i>[Signature]</i> PUBLIC WORKS DIRECTOR		<b>R-3179</b>
DESIGNED BY: <i>[Signature]</i>		DATE: 2/7/92		SHEET 17 OF 24
DRAWN BY: <i>[Signature]</i>		DATE: 2/7/92		HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=4'
CHECKED BY: <i>[Signature]</i>		DATE: 2/7/92		INDEXED 6-16-92 <i>[Signature]</i>





**BENCHMARK**  
 CHISELED "D" ON SW/4 CORNER OF ST LIGHT BASE  
 AT BACK OF ELYCURE JACKSON ST, 125' SLY OF  
 & R.R. TRACKS PER C.L. 27/918 -  
 ELEV. 891.32

DESIGNED BY		DRAWN BY		CHECKED BY		DATE		<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		REHABILITATION OF MAJOR CITY STREETS 1990-1991 INDIANA AVENUE VAN BUREN TO JEFFERSON		ACCOUNT NO. 38-575-329-97 <b>R-3179</b> SHEET 18 OF 24	
MARK	REVISIONS	APPR.	DATE	APPR.	DATE	APPR.	DATE	APPR.	DATE	AS BUILT 2/24/93 RJM HORIZ. SCALE: 1" = 40'		INDEXED 6-16-92 LHM	
										APPROVED BY: <i>[Signature]</i> DATE: 2/17/92 DEPUTY P.W. ENGINEER: <i>[Signature]</i> DATE: 2/17/92 PRINCIPAL ENGINEER: <i>[Signature]</i> DATE: 2/17/92 SURVEYOR: <i>[Signature]</i> DATE: 2/17/92 CHIEF P.W. INSPECTOR: <i>[Signature]</i> DATE: 2/17/92 TRAFFIC DIVISION: <i>[Signature]</i> DATE: 2/17/92 STREET SERVICES: <i>[Signature]</i> DATE: 2/17/92		APPROVED BY: <i>[Signature]</i> DATE: 2/17/92 PUBLIC WORKS DIRECTOR	



**BENCHMARK**  
 CHISELED "I" ON SWLY CORNER OF ST LIGHT BASE  
 AT BACK OF ELY CURB JACKSON ST, 123° SLY OF E.R.R.  
 TRACKS. PER CC 2/1913 - ELEV. 871.32

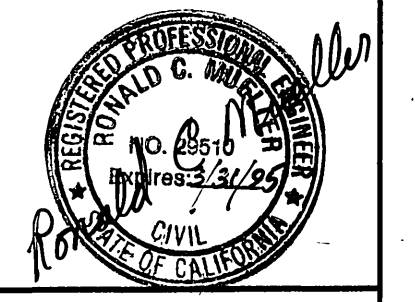
**CURVE DATA**  
 R=35  
 Δ=90°00'00"  
 T=35'  
 L=54.98'

**NOTE**  
 SEE SIGNAL PLAN X-367 FOR  
 PROPOSED SIGNAL WORK IN  
 THIS AREA

**NOTE**  
 SEE SIGNAL PLAN X-366 FOR  
 PROPOSED TRAFFIC SIGNAL  
 WORK IN THIS AREA

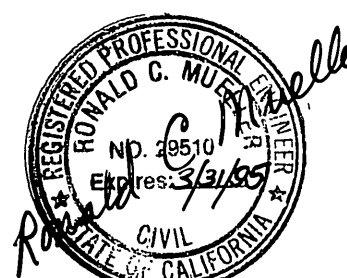
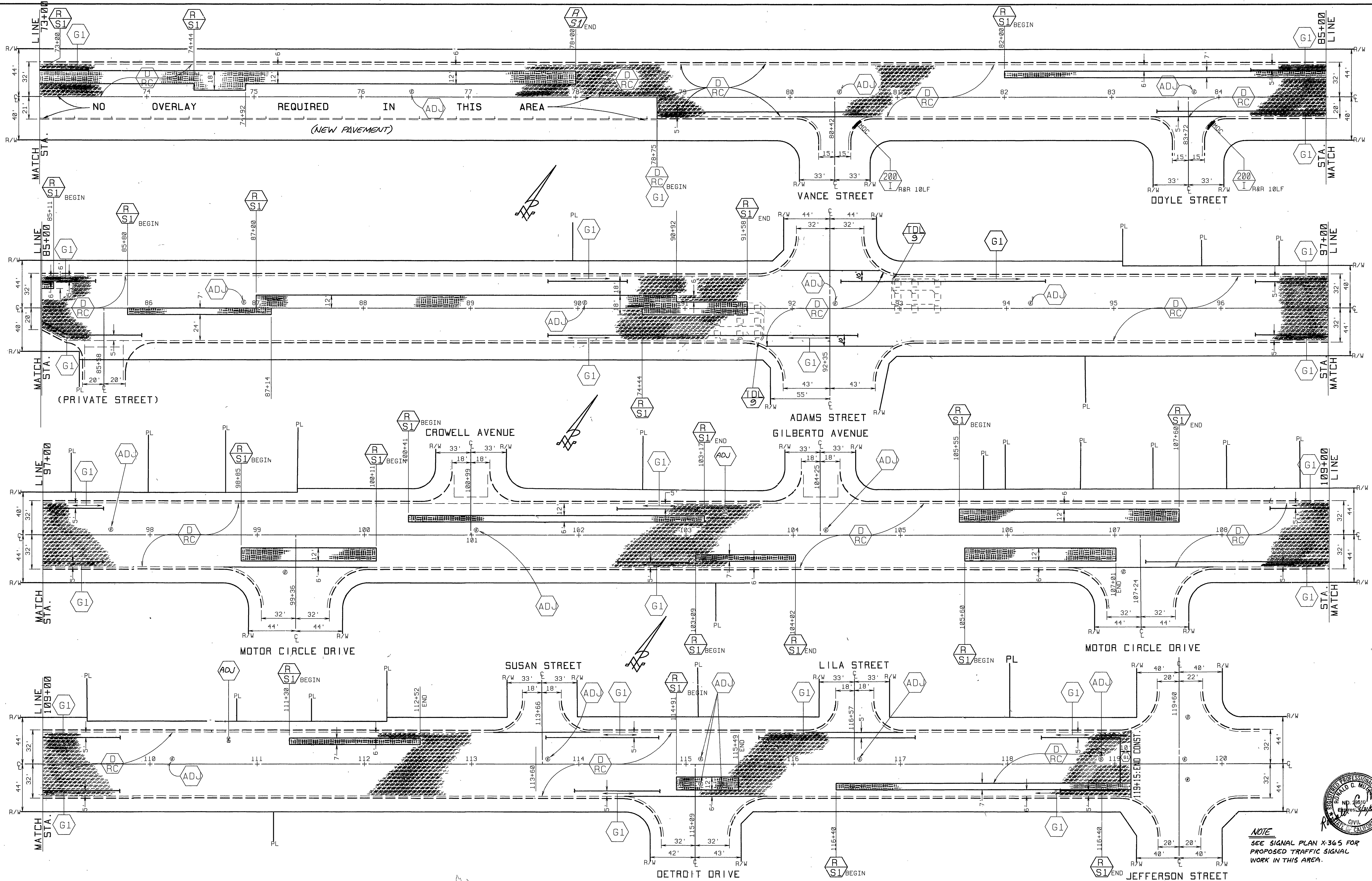
**BENCHMARK**  
 601-21-68 AT INDIANA AVE  
 & MONROE ST  
 ELEV. 810.93

#AS BUILT 2/24/93 RJM



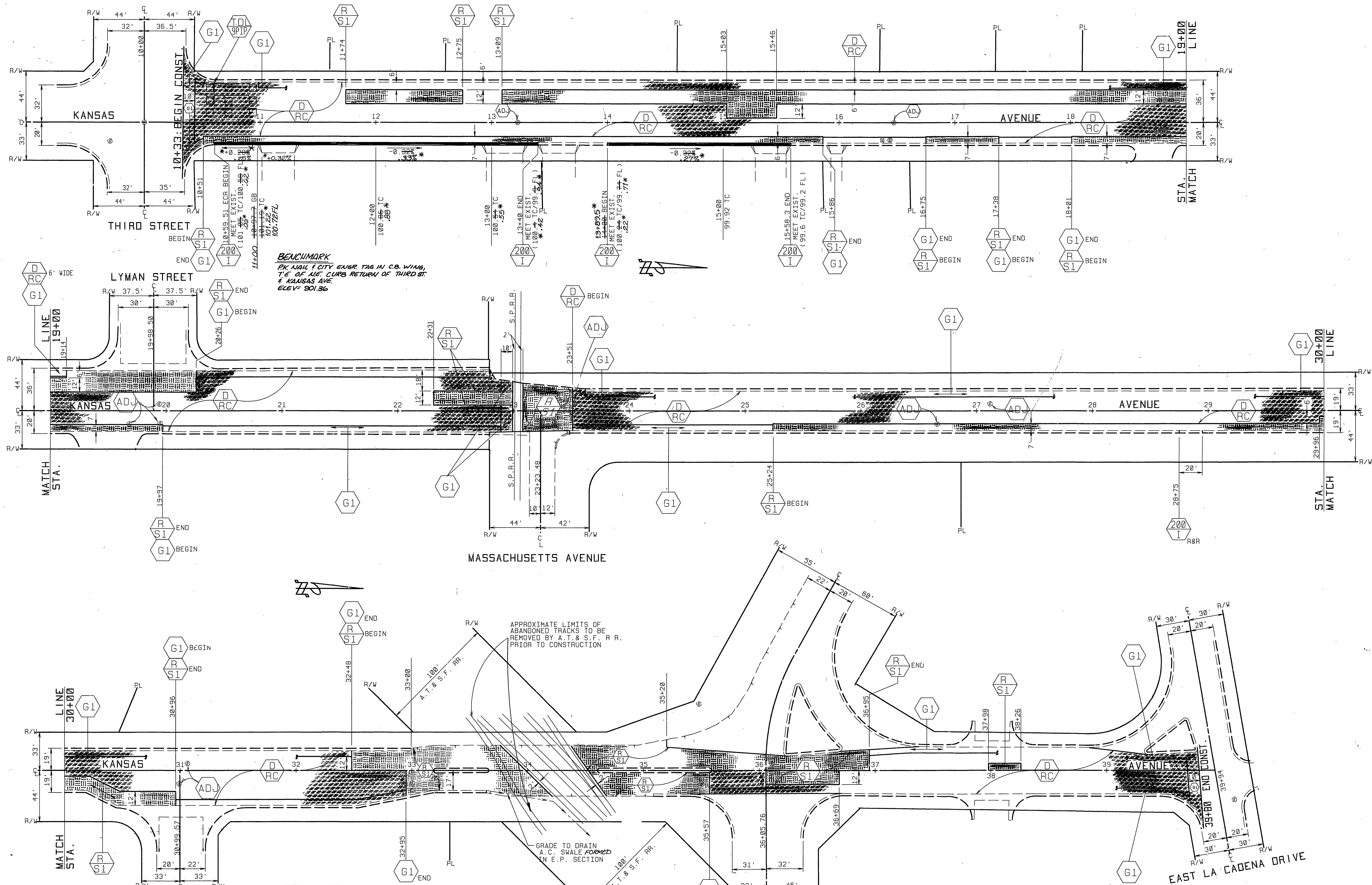
<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		REHABILITATION OF MAJOR CITY STREETS 1990-1991		ACCOUNT NO. 38-575-328-87	
		INDIANA AVENUE VAN BUREN TO JEFFERSON		<b>R-3179</b> SHEET 19 OF 24	
APPROVED BY DEPUTY P.W. ENGINEER PRINCIPAL ENGINEER SURVEYOR	DATE 2/17/92 1/30/92 1/30/92	APPROVED BY PUBLIC WORKS DIRECTOR	CHIEF P.W. INSPECTOR TRAFFIC DIVISION	DATE 2/17/92	HORIZ. SCALE: 1" = 40'
DESIGNED BY: RVZ DRAWN BY: LEH, RJM CHECKED BY: ACM					

INDEXED 6-16-92 JFH



NOTE  
SEE SIGNAL PLAN X-365 FOR  
PROPOSED TRAFFIC SIGNAL  
WORK IN THIS AREA.

<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		<b>REHABILITATION OF MAJOR</b> <b>CITY STREETS 1990-1991</b> INDIANA AVENUE VAN BUREN TO JEFFERSON		ACCOUNT NO. 38-575-329-07 <b>R-3179</b> SHEET 20 OF 24
APPROVED BY DEPUTY P.W. ENGINEER PRINCIPAL ENGINEER SURVEYOR CHIEF P.W. INSPECTOR TRAFFIC DIVISION STREET SERVICES	DATE 2/18/92 2/18/92 2/18/92 2/18/92 2/18/92	APPROVED BY PUBLIC WORKS DIRECTOR	DATE 2/17/92	AS BUILT 2/24/93 RJM HORIZ. SCALE: 1" = 40'
DESIGNED BY: <i>rvz</i> DRAWN BY: <i>RJM</i> CHECKED BY: <i>REM</i>	REVISIONS APPR. DATE	MARK	DATE	INDEXED 6-16-92 LHT



**BENCHMARK**  
 PK. NAIL 1 CITY ENGR TAG IN C.B. WING,  
 1/4 OF N.E. CURB RETURN OF THIRD ST.  
 & KANSAS AVE.  
 ELEV: 901.36

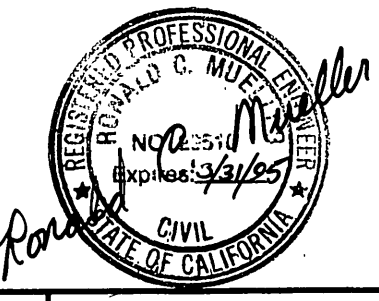
APPROXIMATE LIMITS OF  
 ABANDONED TRACKS TO BE  
 REMOVED BY A.T. & S.F. R.R.  
 PRIOR TO CONSTRUCTION

GRADE TO DRAIN  
 A.C. SWALE FORMED  
 IN E.P. SECTION

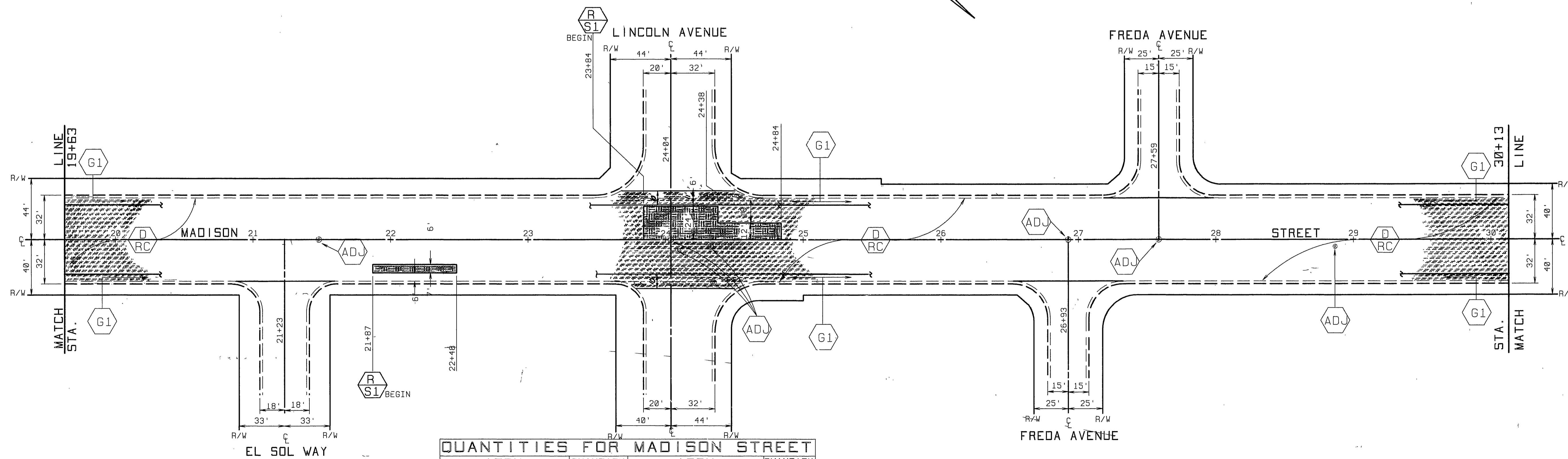
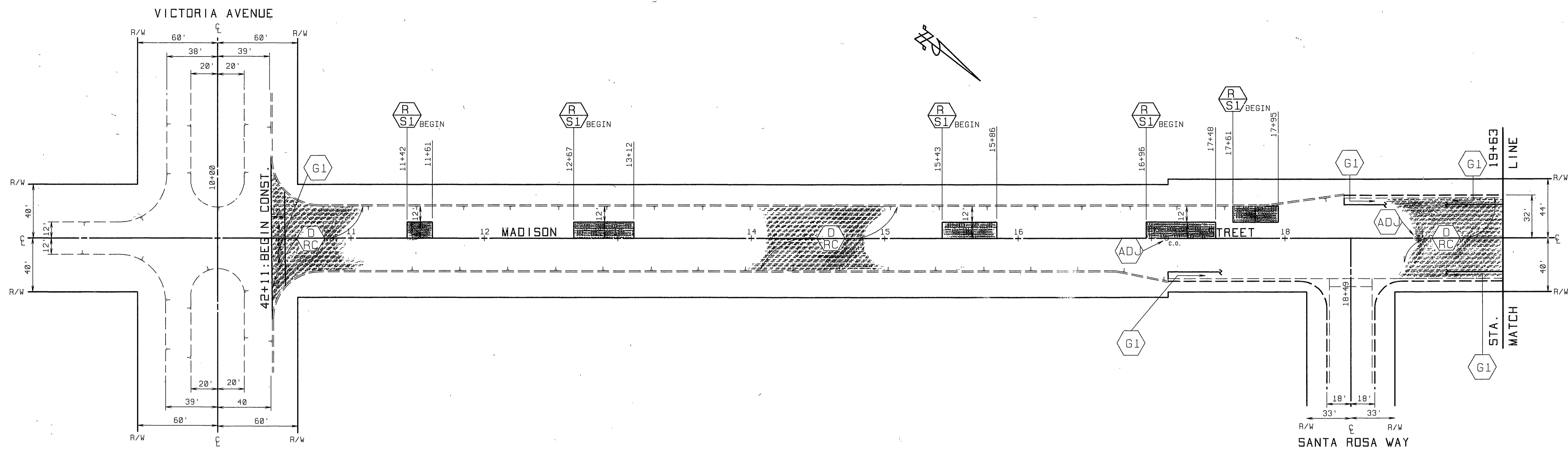
**QUANTITIES FOR KANSAS AVE**

ITEM	QUANTITY	ITEM	QUANTITY
DENSE GRADED A.C.	1891 TONS	TRAFFIC SIGNAL LOOPS	0 EA.
ASPHALT RUBBER S.A.T.	10937 SY	TACK COAT UNDER ARSAT	547 GAL
A.C. PVMT. GRINDING, TYPE I	4163 LF	BLUE FIRE HYDRANT MARKERS	6 EA.
EXCAVATION, A.C. & BASE	570 CY	CRACK SEALING	12,920 LF
R&R C&G, 200-I (6" CF)	459 LF		
ADJUST SWR. & S.D.M.H.	10 EA.	⊕ PAVEMENT PREPARATION (0.5" THICK)	
FRAME & COVER TO GRADE		ASPHALT CONCRETE REMOVAL	91 CY
ADJUST WATER GATE VALVE	14 EA.	D.G.A.C. REPLACEMENT	185 TONS
COVER TO GRADE			
ADJUST WATER M.H. TO GRADE	0 EA.		

<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		REHABILITATION OF MAJOR CITY STREETS 1990-1991 KANSAS AVENUE THIRD TO EAST LA CADENA		ACCOUNT NO. 38-975-329-97 <b>R-3179</b> SHEET 21 OF 24	
		APPROVED BY: <i>[Signature]</i> DATE: 2/17/92 DEPUTY P.W. ENGINEER PRINCIPAL ENGINEER SURVEYOR CHIEF P.W. INSPECTOR TRAFFIC DIVISION STREET SERVICES			APPROVED BY: <i>[Signature]</i> DATE: 2/17/92 PUBLIC WORKS DIRECTOR
DESIGNED BY: RVZ	DRAWN BY: RJM	CHECKED BY: RCM	HORIZ. SCALE: 1" = 40' *AS BUILT 2/24/93 RJM		



INDEXED 6-16-92 LFT



**QUANTITIES FOR MADISON STREET**

ITEM	QUANTITY	ITEM	QUANTITY
DENSE GRADED A.C.	1522 TONS	TRAFFIC SIGNAL LOOPS	0 EA.
ASPHALT RUBBER S.A.T.	18680 SY	TACK COAT UNDER ARSAT	935 GAL
A.C. PVMT. GRINDING, TYPE I	5865 LF	BLUE FIRE HYDRANT MARKERS	10 EA.
EXCAVATION, A.C. & BASE	129 CY	<b>CRACK SEALING</b>	<b>8,850 LF</b>
R&R C&G. 200-I (6" CF)	0 LF		
ADJUST SWR. & S.D.M.H.	21 EA.	<b>PAVEMENT PREPARATION (0.5' THICK)</b>	
FRAME & COVER TO GRADE		ASPHALT CONCRETE REMOVAL	156 CY
ADJUST WATER GATE VALVE COVER TO GRADE	17 EA.	D.G.A.C. REPLACEMENT	315 TONS
ADJUST WATER MH TO GRADE	0 EA.		

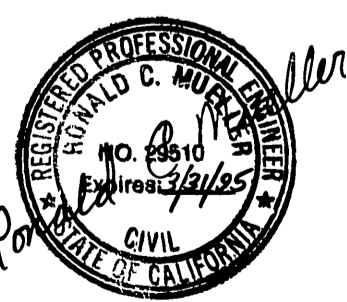
**CITY OF RIVERSIDE**  
PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature]  
DEPUTY P.W. ENGINEER  
DATE: 2/17/92  
PRINCIPAL ENGINEER  
DATE: 2/17/92  
SURVEYOR  
DATE: 2/17/92  
CHIEF P.W. INSPECTOR  
DATE: 2/17/92  
TRAFFIC DIVISION  
DATE: 2/17/92

**REHABILITATION OF MAJOR CITY STREETS 1990-1991**  
**MADISON STREET**  
**VICTORIA TO INDIANA**

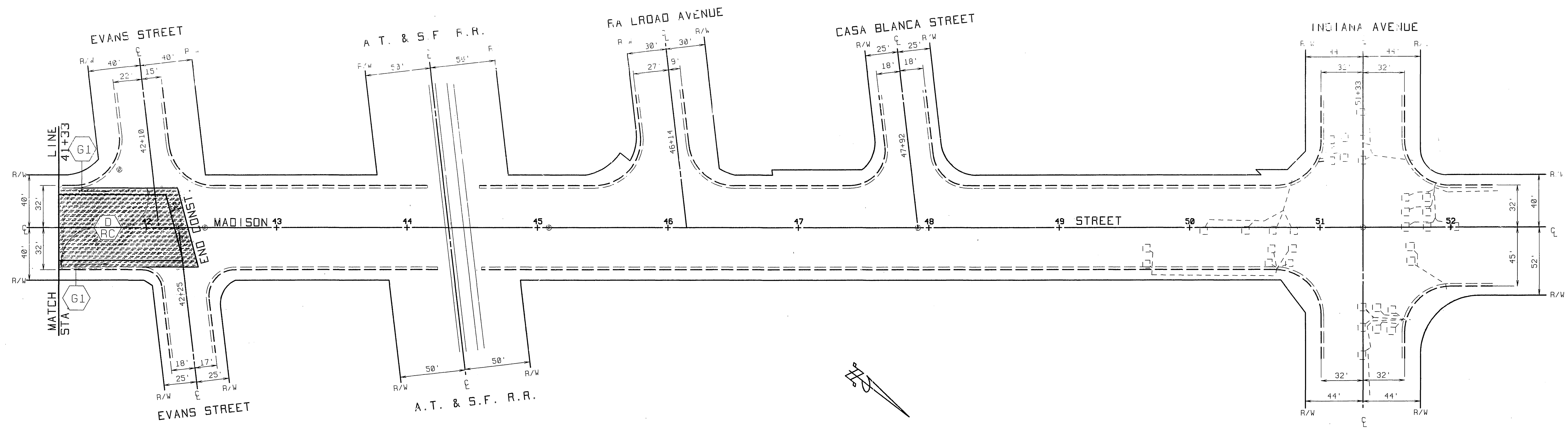
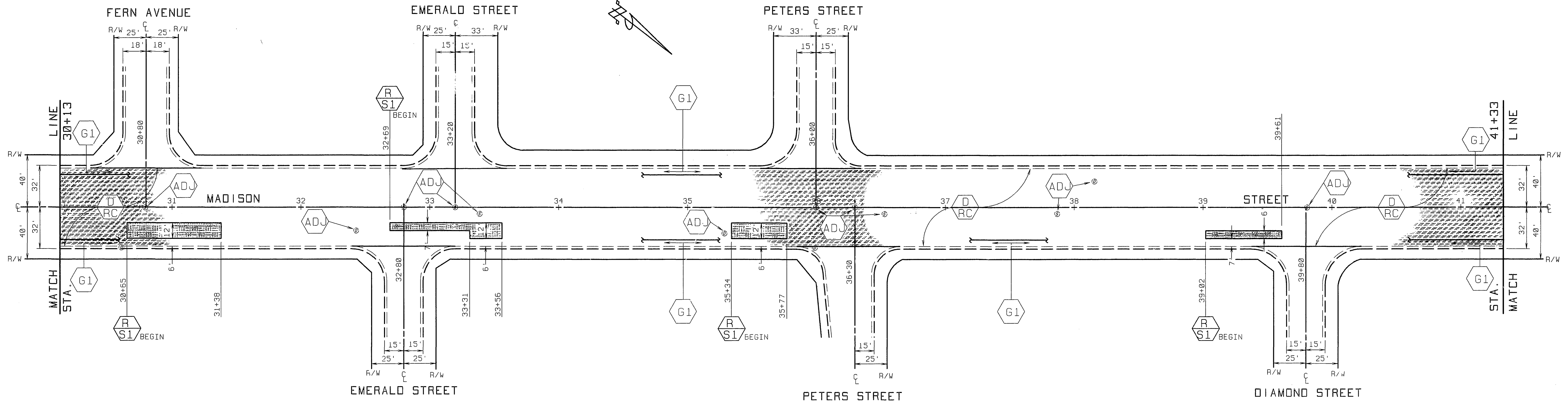
HORIZ. SCALE: 1" = 40'

ACCOUNT NO. 38-575-329-87  
**R-3179**  
SHEET 22 OF 24



AS BUILT 2/24/93 R/W

INDEXED 6-16-92:4f

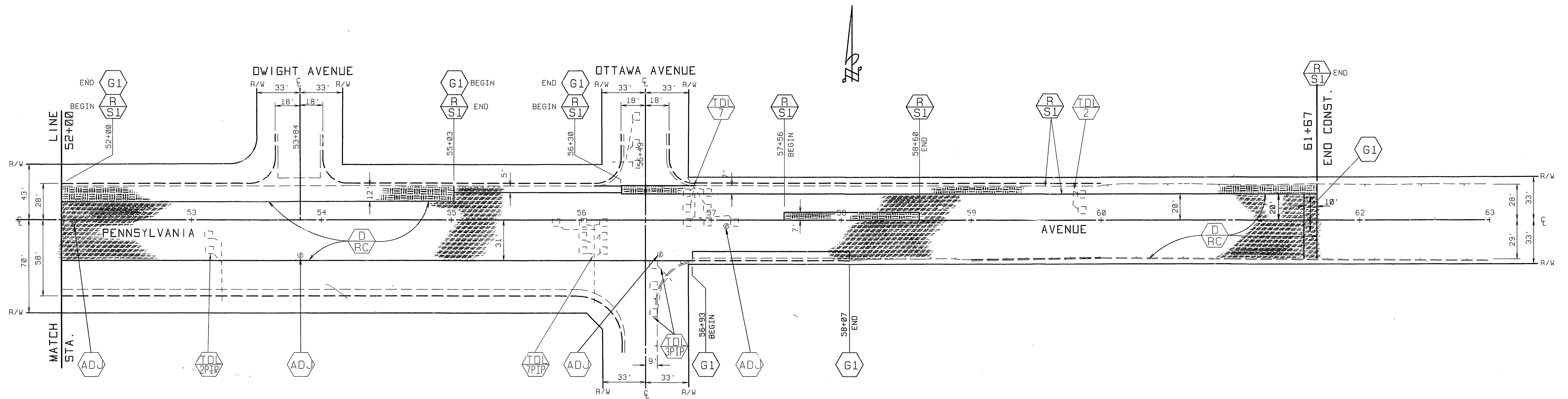
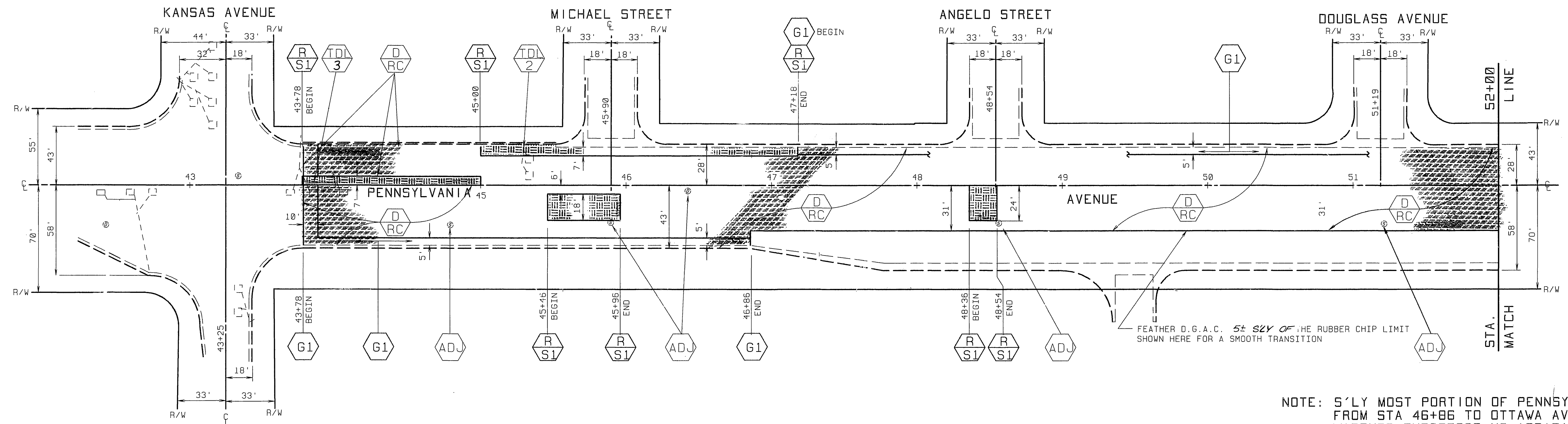


NOTE: EVANS ST TO INDIANA AVE RECENTLY RESURFACED BY CITY FORCES



<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		<b>REHABILITATION OF MAJOR CITY STREETS 1990-1991</b> <b>MADISON STREET</b> <b>VICTORIA TO INDIANA</b>		ACCOUNT NO. 38-575-329-87 <b>R-3179</b> SHEET 23 OF 24
APPROVED BY DEPUTY P.W. ENGINEER PRINCIPAL ENGINEER SURVEYOR CHIEF P.W. INSPECTOR TRAFFIC DIVISION STREET SERVICES	DATE 2/16/92 2/15/92 2/17/92 1/29/92 1/10/92	APPROVED BY PUBLIC WORKS DIRECTOR	DATE 2/17/92	AS BUILT 2/24/93 RUM
DESIGNED BY RVZ DRAWN BY LEH, RJM CHECKED BY ROM		HORIZ. SCALE: 1" = 40'		

INDEXED 6-16-92 LTT



QUANTITIES FOR PENNSYLVANIA			
ITEM	QUANTITY	ITEM	QUANTITY
DENSE GRADED A.C.	1132 TONS	TRAFFIC SIGNAL LOOPS	14 EA.
ASPHALT RUBBER S.A.T.	10311 SY	TACK COAT UNDER ARSAT	516 GAL
A.C. PVMT. GRINDING, TYPE I	1249 LF	BLUE FIRE HYDRANT MARKERS	8 EA.
EXCAVATION, A.C. & BASE	216 CY	CRACK SEALING	7650 LF
ADJUST SWR. & S.D.M.H. FRAME & COVER TO GR-DE	9 EA.	PAVEMENT PREPARATION (0.5" THICK)	
ADJUST WATER GATE VALVE COVER TO GRADE	6 EA.	ASPHALT CONCRETE REMOVAL	96 CY
ADJUST WATER MH TO GRADE	0 EA.	D.G.A.C. REPLACEMENT	174 TONS

**CITY OF RIVERSIDE**  
PUBLIC WORKS DEPARTMENT

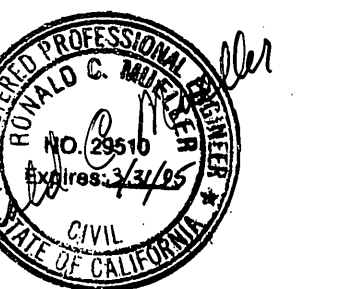
APPROVED BY: *[Signature]* DATE: 2/1/92  
 DEPUTY P.W. ENGINEER  
 PRINCIPAL ENGINEER  
 SURVEYOR

APPROVED BY: *[Signature]* DATE: 2/1/92  
 CHIEF P.W. INSPECTOR  
 TRAFFIC DIVISION  
 STREET SERVICES

REHABILITATION OF MAJOR CITY STREETS 1990-1991  
 PENNSYLVANIA AVENUE  
 KANSAS TO CHICAGO

AS BUILT 2/24/93 B.M.

ACCOUNT NO. 38-575-329-07



R-3179  
 SHEET 24 OF 24

INDEXED 6-16-92 JH