
  
**RIVERSIDE CITY OF RIVERSIDE CALIFORNIA**

**PUBLIC WORKS DEPARTMENT**

**REHABILITATION OF MAJOR CITY STREETS-1985**

**CONSTRUCTION LEGEND**

CENTER LINE		TOP OF SLOPE	
RIGHT-OF-WAY LINE		TOE OF SLOPE	
SUBDIVISION LOT LINE		DIRECTION OF FLOW	

	FILL CRACKS PER SPECIFICATIONS AND APPLY EMULSIFIED ASPHALT SEAL COAT (FOG SEAL).
	GRIND EXIST. A.C. 0.05' BELOW GUTTER LIP OR OUTER EDGE, "DAY-LIGHTING" IN 5', EXCEPT AS SHOWN ON PLAN. (TYPE I GRINDING.)
	GRIND EXIST. A.C. 0.15' BELOW GUTTER LIP OR OUTER EDGE, "DAY-LIGHTING" IN 10', EXCEPT AS SHOWN ON PLAN. (TYPE II GRINDING.)
	0.05' OPEN GRADED A.C. OVER ASPHALT-RUBBER STRESS ABSORBING TREATMENT (A.R.S.A.T.) OVER 0.05' MIN. DENSE GRADED LEVELING COURSE.
	0.05' MIN. DENSE GRADED A.C. OVERLAY.
	PROTECT IN PLACE AND OFFSET GRINDING AROUND M.H. SEE GENERAL NOTE No. 7.
	0.05' MIN. OPEN GRADED A.C. OVER ASPHALT-RUBBER STRESS ABSORBING TREATMENT (A.R.S.A.T.) NOTE: RUBBER CHIP (R.C.) IS THE SAME AS AND USED INTERCHANGEABLY WITH A.R.S.A.T.
	CONSTRUCT STRUCTURAL SECTION WITH 0.05' MIN. OPEN GRADED A.C. OVER .42' DENSE GRADED A.C. OVER 100' OF C.A.B.
	0.67' DENSE GRADED AC OVER NATIVE SOIL.
	0.05' MIN. OPEN GRADED AC OVERLAY.
	REMOVE AND REPLACE EXIST. STRUCTURAL SECTION WITH 0.67' DENSE GRADED A.C. OVER NATIVE SOIL.
	REMOVE AND REPLACE EXIST. STRUCTURAL SECTION WITH 0.05' MIN. OPEN GRADED A.C. OVER A.R.S.A.T. OVER 0.42' DENSE GRADED A.C. OVER 100' OF C.A.B.
	REMOVE AND REPLACE EXIST. STRUCTURAL SECTION WITH 0.05' MIN. OPEN GRADED A.C. OVER A.R.S.A.T. OVER 0.42' DENSE GRADED A.C. OVER 133' OF C.A.B.
	REMOVE & REPLACE EXIST. STRUCTURAL SECTION WITH 0.05' MIN. OPEN GRADED AC OVER A.R.S.A.T. OVER DBAC (DEPTH AS SPECIFIED ON PLAN) OVER EXIST. BASE.
	REPLACE TRAFFIC DETECTOR LOOP DAMAGED BY GRINDING OR EXCAVATION. (#S OF LOOPS TO BE REPLACED).
	ADJUST MANHOLE TO GRADE.

**EXISTING UNDERGROUND & TOPOGRAPHY LEGEND**

**EXISTING UNDERGROUND UTILITIES:**

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

**EXISTING TOPOGRAPHY:**

BLOCK WALL		TOP OF SLOPE	
BOARD FENCE		TOE OF SLOPE	
WIRE FENCE		DIRECTION OF FLOW	
CHAIN LINK FENCE			

	SANITARY SEWER M.H.		POLE & GUY ANCHOR		PEDESTRIAN PUSH BUTTON
	SANITARY SEWER CLEANOUT		ELECTRIC POLE		RAILROAD TRACKS
	STORM DRAIN M.H.		TELEPHONE POLE		RAILROAD SIGN
	IRRIGATION WEIR		JOINT USE POLE		RAILROAD SIGNAL
	WATER M.H.		PULL BOX		STREET LIGHT & TRAFFIC SIGNAL ON MAST ARM
	GAS M.H.		TRAFFIC SIGN		STREET LIGHT (UPRIGHT)
	ELECTRIC M.H.		PARKING METER		STREET LIGHT
	TELEPHONE M.H. OR VAULT		FIRE ALARM BOX		TRAFFIC SIGNAL
	WATER METER		STREET NAME SIGN		TRAFFIC SIGNAL ON MAST ARM
	FIRE HYDRANT		GAS METER		TRAFFIC SIGNAL CONTROLLER
	SPRINKLER HEAD		MAIL BOX		TRAFFIC SIGNAL PRESSURE DETECTOR
	VALVE		FAUCET		TRAFFIC SIGNAL LOOP DETECTOR
	AIR VALVE		TELEPHONE RISER		WHEEL STOP
	AIR VENT		A.C. BERM		STEEL POST
			WOOD POST		CITRUS TREE
			CONCRETE		DECIDUOUS TREE
			ASPHALT		PALM TREE
			EDGE OF PAVEMENT		SHRUBBERY
			BUILDING		TREE STUMP
			UNDERGROUND STRUCTURE		EVERGREEN TREE
			OVERHANGING STRUCTURE		

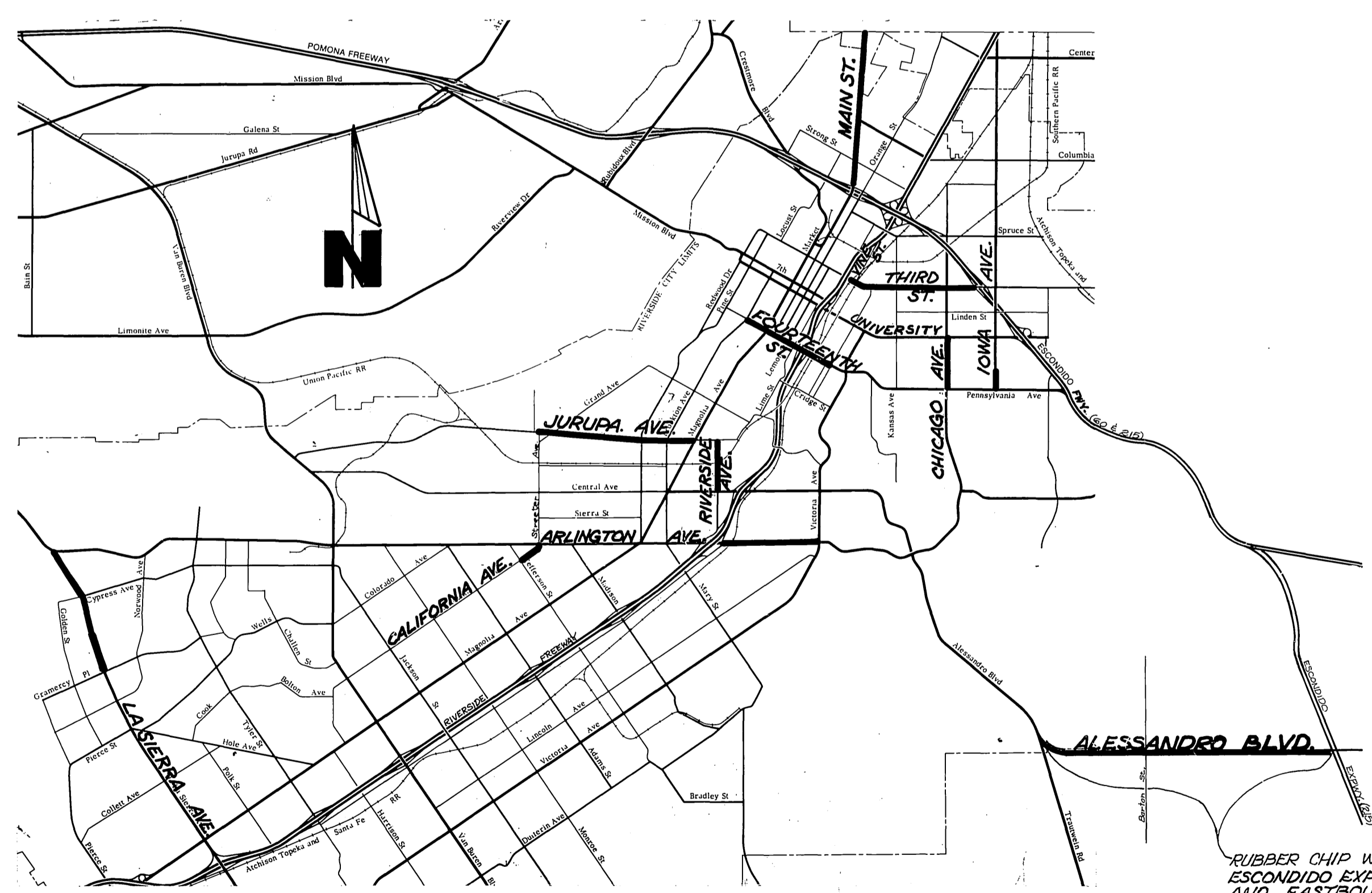
STREET	LIMITS	LENGTH	SHT. NO.
ARLINGTON AVE.	INDIANA TO VICTORIA	5850 FT.- 1.1 MI.	2-3
CALIFORNIA AVE.	JEFFERSON TO ARLINGTON	1532 FT.- 0.3 MI.	4
CHICAGO AVE.	UNIVERSITY TO PENNSYLVANIA	2670 FT.- 0.5 MI.	5-6
FOURTEENTH ST.	BROCKTON TO HOWARD	4178 FT.- 0.8 MI.	7-8
IOWA AVE.	PENNSYLVANIA TO 375' NORTH	356 FT.- 0.1 MI.	9
JURUPA AVE.	STREETER TO MAGNOLIA	5818 FT.- 1.1 MI.	10-15
LA SIERRA AVE.	ARLINGTON TO GRAMERCY	6880 FT.- 1.3 MI.	16-18
MAIN ST.	GO FWY. TO CITY LIMITS	8188 FT.- 1.6 MI.	19-21
RIVERSIDE AVE.	CENTRAL TO JURUPA	2646 FT.- 0.5 MI.	22
THIRD ST.	VINE TO ESCONDIDO FWY. (215)	6687 FT.- 1.3 MI.	23-25
ALESSANDRO BLVD.	TRAUTWEIN TO ESCONDIDO EXPRESSWAY	14,830'-2.8 MI.	1

**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**

- ALL ELEVATIONS SHOWN ON THE PLANS SHALL BE STAKED IN THE FIELD.
- EXIST. UTILITY MANHOLES, GATE VALVES AND VAULTS ARE NOT NECESSARILY SHOWN ON THE PLAN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES FOR THE ADJUSTMENT OR PROTECTION OF THEIR FACILITIES. THE PUBLIC UTILITIES DEPARTMENT FACILITIES SHALL BE TREATED AS OUTLINED IN THE SPECIFICATIONS.
- TRANSVERSE AND LONGITUDINAL CRACKS 1/4" AND LARGER SHALL BE FILLED WITH A RUBBERIZED ASPHALT MATERIAL PRIOR TO OVERLAY OR APPLICATION OF THE RUBBERIZED ASPHALT STRESS ABSORBING TREATMENT (A.R.S.A.T.). WHEN THE PAVEMENT IS TO BE OVERLAPPED WITH OPEN GRADED A.C. ONLY, ALL CRACKS SHALL BE FILLED WITH A RUBBERIZED ASPHALT MATERIAL (SEE SPECIAL PROVISIONS).
- THE RIDGE PRODUCED BY THE EDGE OF THE OPEN GRADED A.C. OVERLAY SHALL BE MINIMIZED. FEATHER THE OPEN GRADED A.C. AT INTERSECTIONS TO A MINIMUM OF 5' BEYOND THE INDICATED EDGE OF THE OVERLAY.
- THE SEAM BETWEEN PASSES OF THE OPEN GRADED A.C. OVERLAY SHALL COINCIDE, AS CLOSELY AS POSSIBLE, WITH THE LANE LINES.
- PULL BOXES FOR SPlicing TRAFFIC SIGNAL DETECTOR CONDUCTORS AND LEAD-IN CABLE ARE NORMALLY ADJACENT TO DETECTORS, UNLESS OTHERWISE SHOWN ON PLAN.
- MANHOLES & VALVES WITHIN THE GRINDING LIMITS SHALL NOT BE ADJUSTED TO GRADE. INSTEAD, ENOUGH GRINDING (OR PAVEMENT 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.
- RESURFACING LIMITS SHOWN AT INTERSECTIONS ARE NOT ABSOLUTE. THE INSPECTOR MAY REQUEST GRINDING & PAVING INTO SIDE STREETS TO IMPROVE RIDABILITY.
- MEDIAN GUTTERS SHALL BE OVERLAID TO THE CURB FACE WHERE ADJACENT RESURFACING OCCURS, UNLESS SHOWN OTHERWISE ON PLAN.



**PROJECT LOCATION PLAN**

SCALE: 1" = 5,700'

RUBBER CHIP WESTBOUND LANES FROM WEST SIDE OF ESCONDIDO EXPWY. TO E. OF TRAUTWEIN RD. AND EASTBOUND LANES FROM E. TRAUTWEIN RD. TO BARTON ST.

**QUANTITIES FOR ALESSANDRO BLVD.**

ITEM	CITY	COUNTY	TOTAL
ASPHALT RUBBER S.A.T.	66,407.5Y	20,593.5Y	87,001.0Y
<b>PAVEMENT PREPARATION</b>			
AC REMOVAL	376 CY	117 CY	493 CY
AC REPLACEMENT (DGAC)	940 TONS	292 TONS	1,232 TONS

AS BUILT 6/26/85

**CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT**

APPROVED BY:	DATE:	APPROVED BY:
PRINCIPAL ENGINEER	6/17/85	William D. Sanders
PARK DEPARTMENT		PUBLIC WORKS DIRECTOR
TRAFFIC DIVISION	6/17/85	
CHIEF P.W. ENGINEER		

DATE: 6-17-85

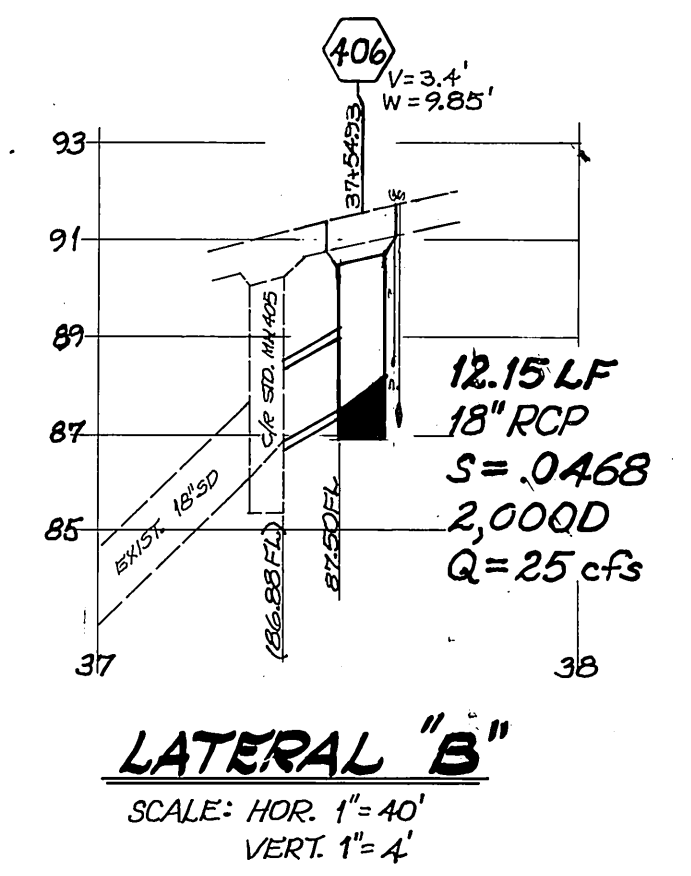
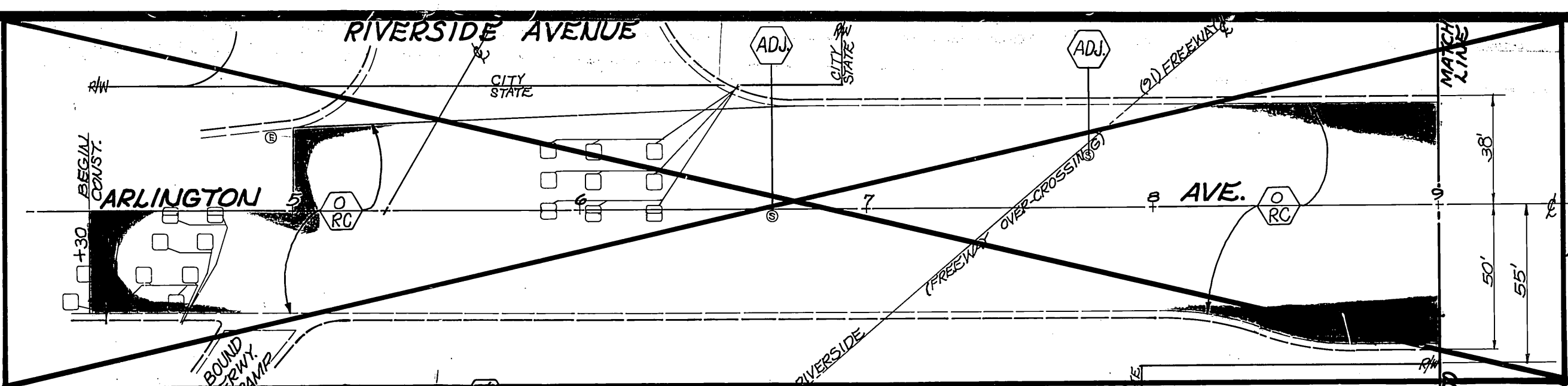
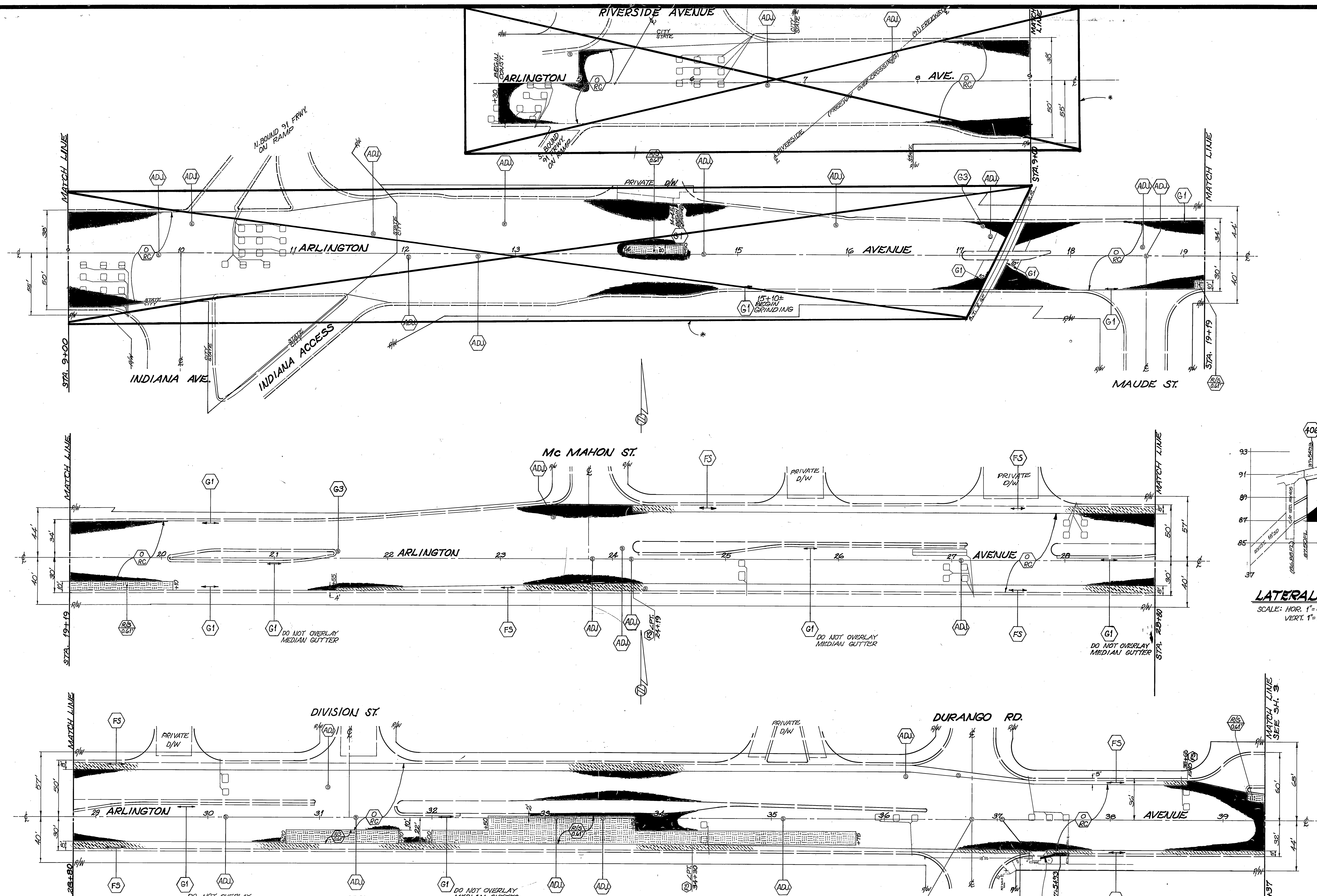
**REHABILITATION OF MAJOR CITY STREETS -1985-**

ACCOUNT No. 30-375-206-07

DRAWING NUMBER **R-2630**

SHEET **1** OF **25**

DESIGNED BY: JH DRAWN BY: RVZ CHECKED BY: JCM

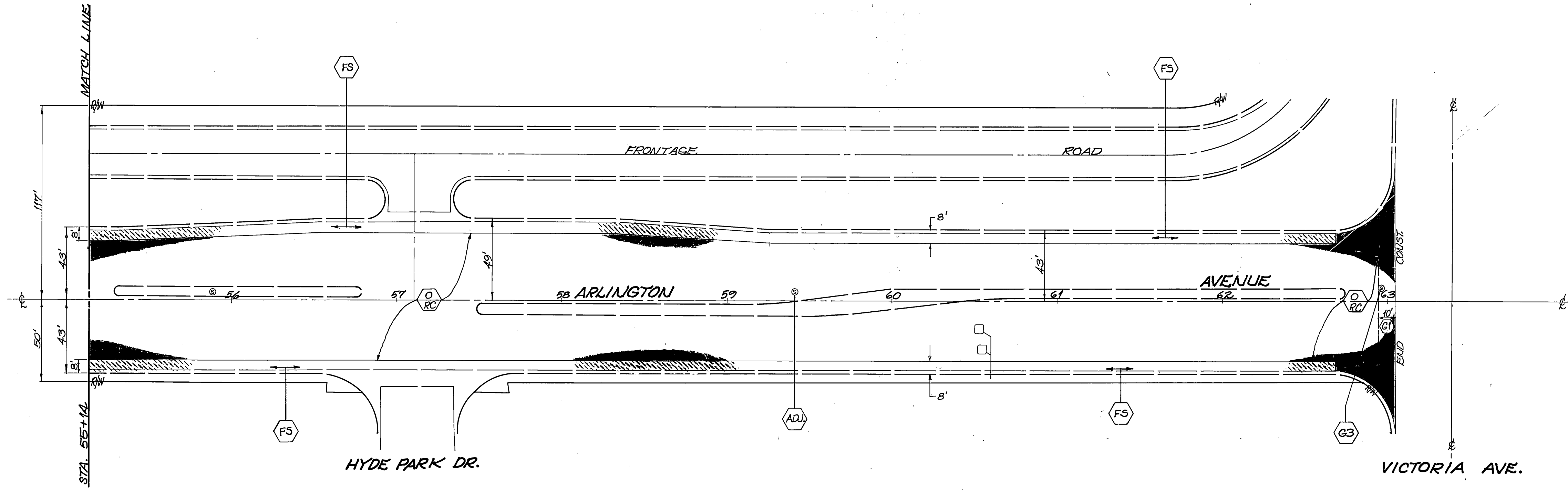
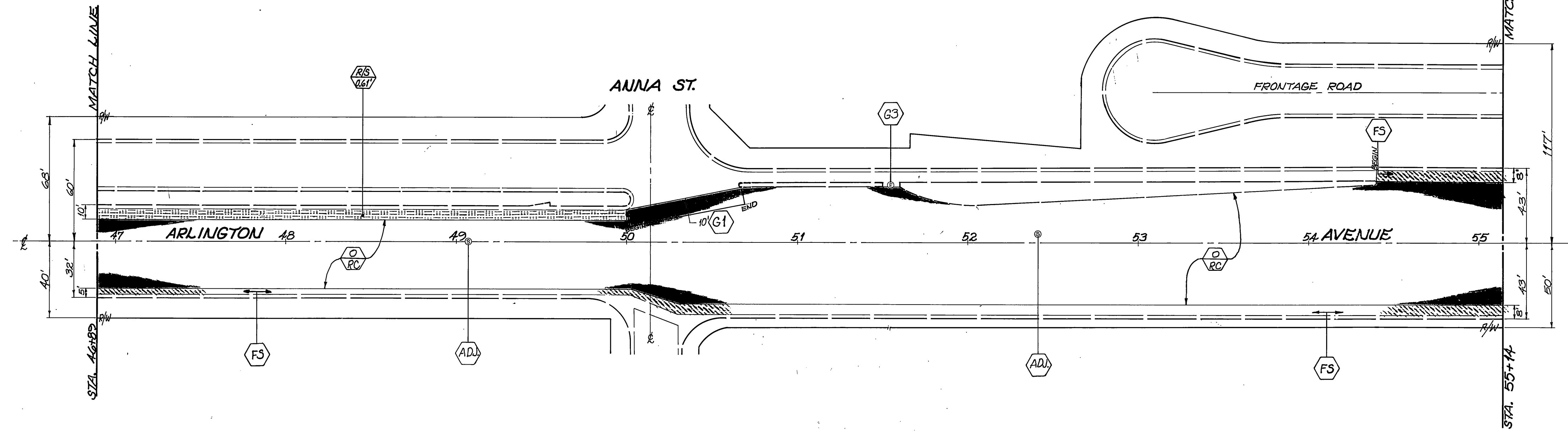
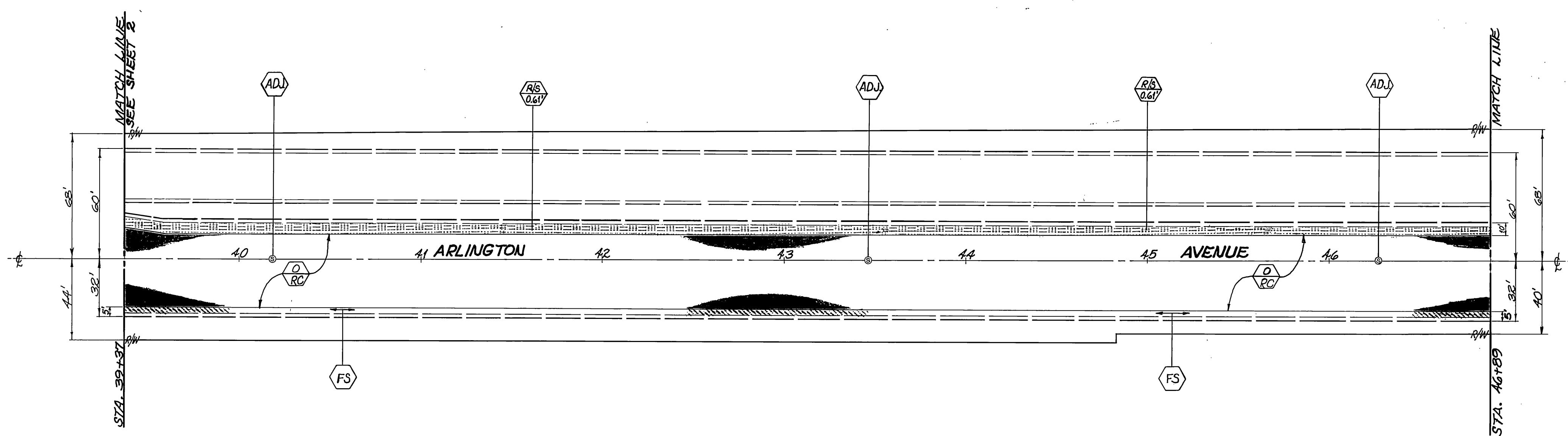


**QUANTITIES FOR ARLINGTON AVENUE\***

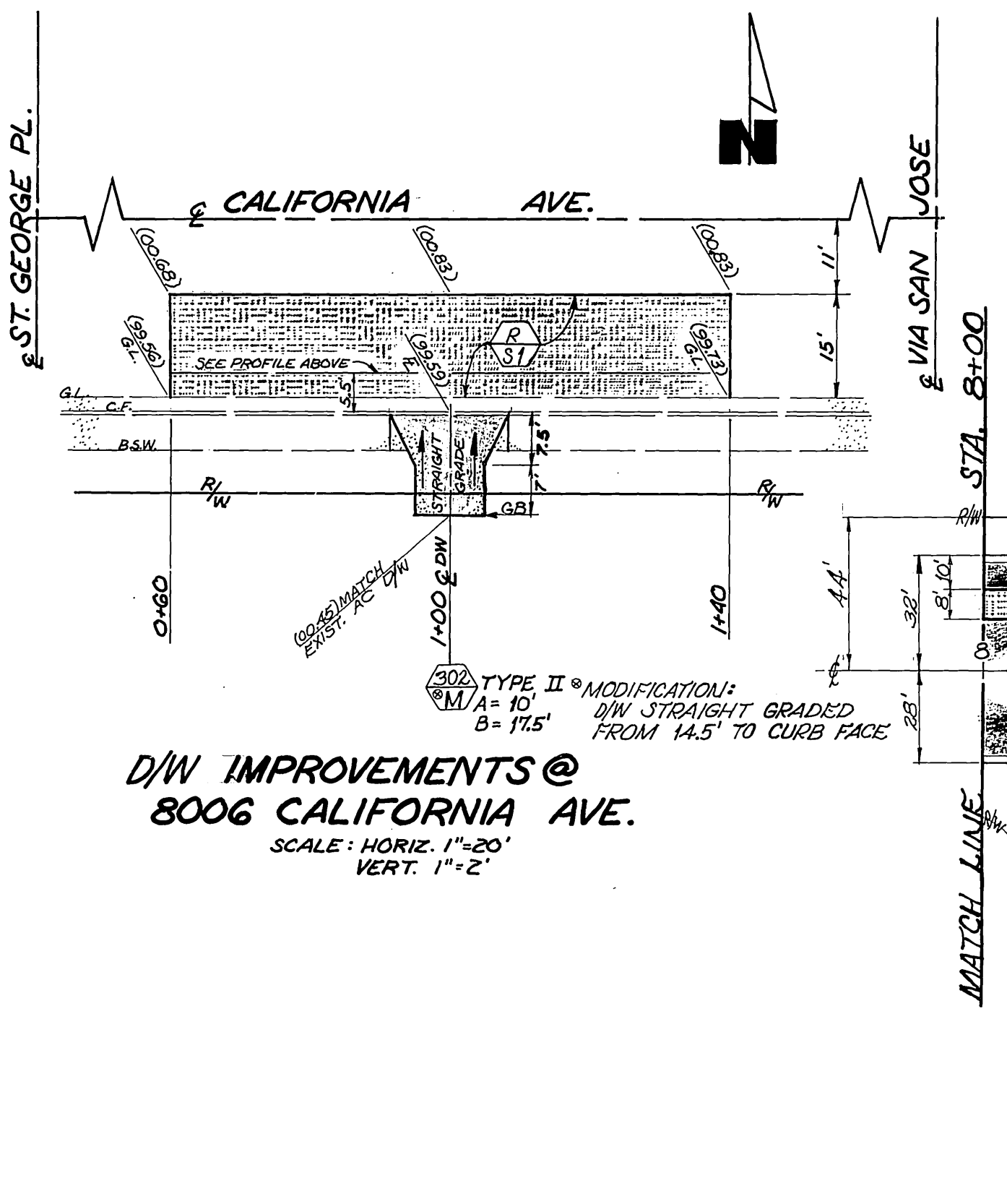
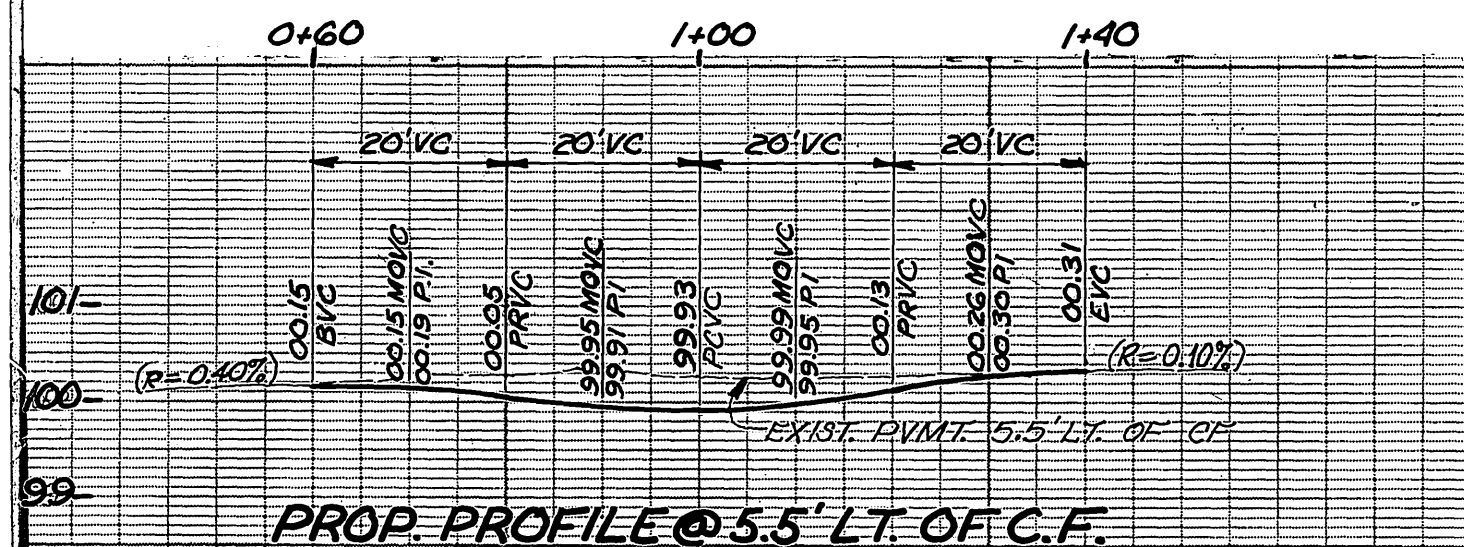
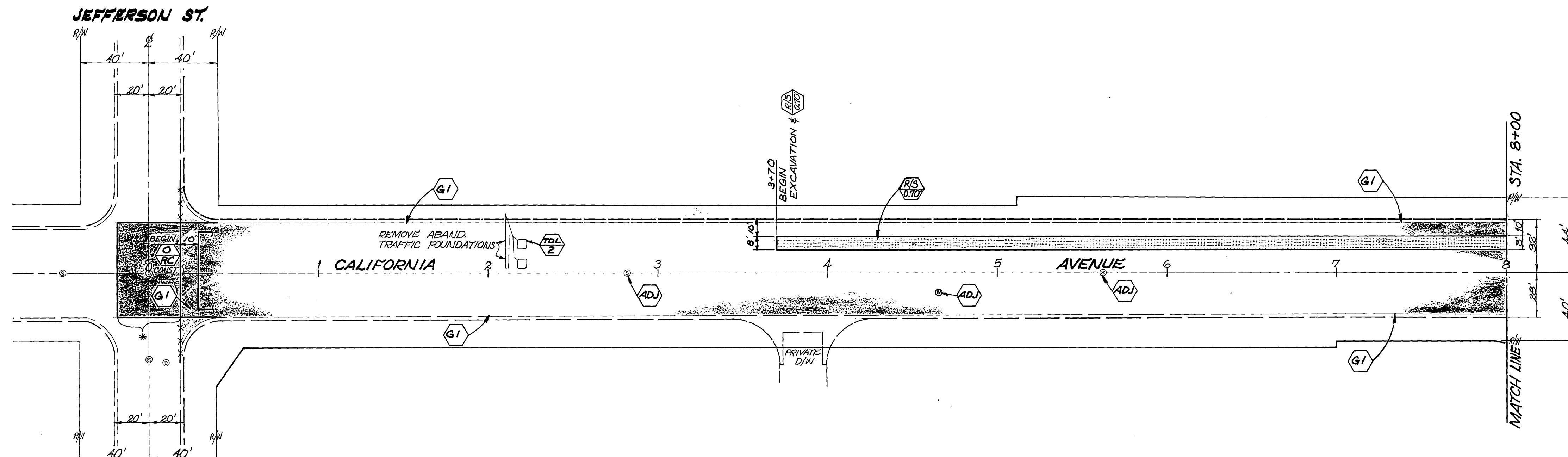
ITEM	QUANTITY	ITEM	QUANTITY
OPEN GRADED A.C.	2,153 TONS	TRAFFIC SIGNAL LOOPS	0
DENSE GRADED A.C.	778 TONS	FOG SEAL	3,615 SY
ASPHALT RUBBER SAT	39,864 SY	BLUE FIRE HYDRANT MARKERS	9 EA.
A.C. P/MT GRINDING, TYPE I	3,026 LF	ADJUST ELECTRIC MH	2 EA.
EXCAVATION, A.C.	384 CY	FRAME & COVER TO GRADE	1 EA.
D/W APPROACH PER STD 302 II	0	CB: STD. DWG: 406, W=9.85'	1 EA.
ADJUST SWR & S.D. MH	31 EA.	18" RCP	13,225 LF
ADJUST WATER GATE VALVE COVER TO GRADE	28 EA.	PAVEMENT PREPARATION	0
		AC REMOVAL	367 CY
		AC REPLACEMENT (OGAC)	854 TONS

\*QUANTITIES DO NOT REFLECT "AS BUILT" CONST.  
 \*ESTIMATED. ACTUAL P/R OF PAVEMENT TO BE DETERMINED BY INSPECTOR AT TIME OF CONSTRUCTION.

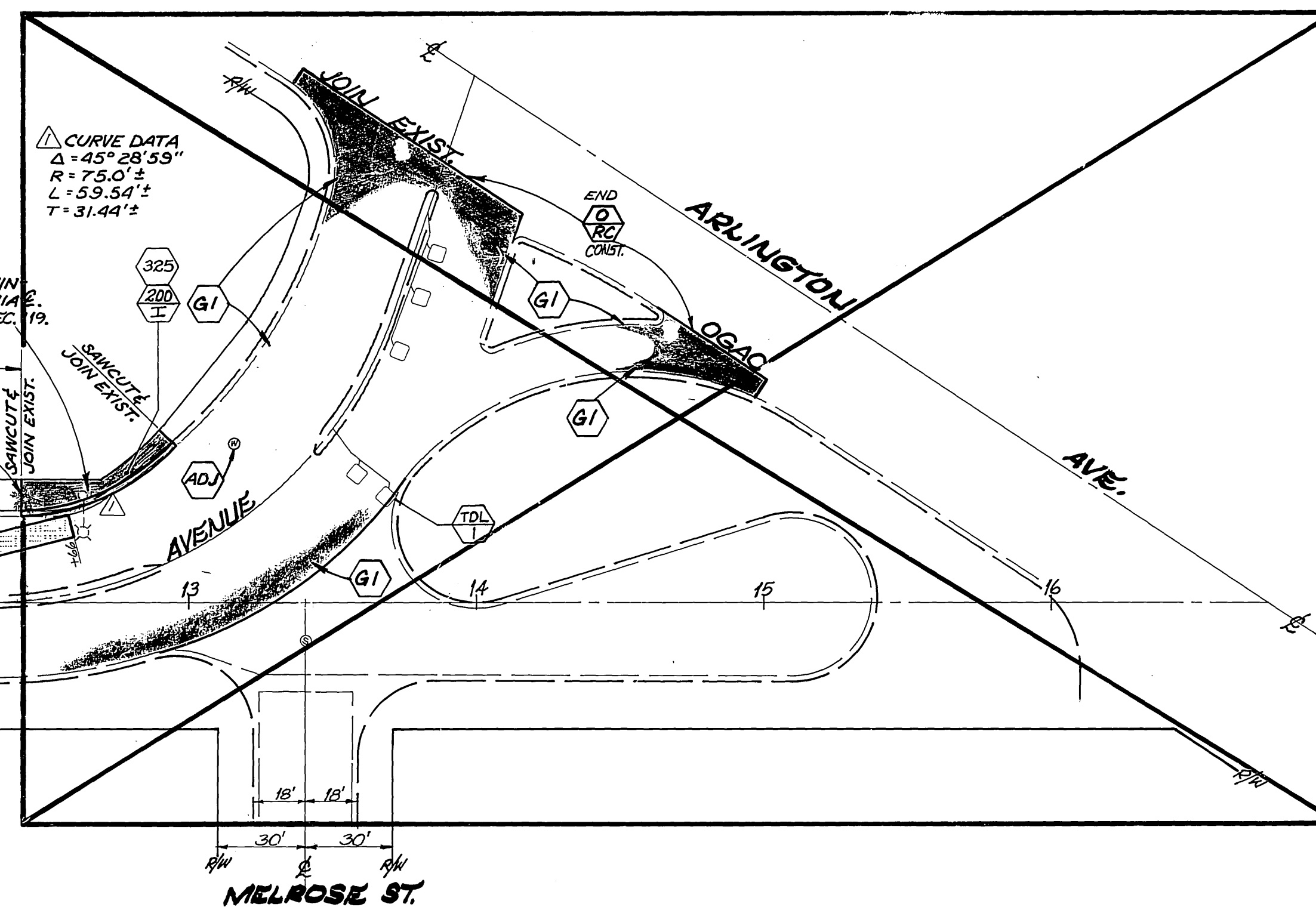
<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		<b>REHABILITATION OF MAJOR CITY STREETS 1985</b>		ACCOUNT NO. 30-579-286-07
APPROVED BY PRINCIPAL ENGINEER DATE 6/17/85	DATE 6/17/85	APPROVED BY WILLIAM D. HARRISON PUBLIC WORKS DIRECTOR	<b>ARLINGTON AVENUE</b> INDIANA TO VICTORIA	
DESIGNED BY JH		DRAWN BY JH		<b>R-2630</b>
CHECKED BY JH		DATE 6-17-85		SHEET 2 OF 25
REVISIONS		HORIZ. SCALE: 1" = 40'		VERT. SCALE: 1" = 4'



<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		AS BUILT 6-3-86 <i>APM</i> <b>REHABILITATION OF MAJOR CITY STREETS 1985</b>		ACCOUNT NO. 30-575-226-07
APPROVED BY: <i>[Signature]</i> DATE: 6/17/85 PRINCIPAL ENGINEER		APPROVED BY: <i>[Signature]</i> PUBLIC WORKS DIRECTOR		<b>R-2630</b>
DESIGNED BY: JHL DRAWN BY: JHL CHECKED BY: <i>[Signature]</i>		DATE: 6-17-85		SHEET 3 OF 25
MARK REVISIONS APPR. DATE		HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" =		



RELOCATE PULL BOX & ST. LT. TO NEW FOUNDATION. EXTEND EXISTING H.D.G. STEEL ST. LT. CONDUIT & REPLACE 2" #8 CU. CABLES AS REQUIRED. INSTALL LUMIN AIRC. ARM RADIAL TO CALIFORNIA AVE. ALL IN ACCORDANCE WITH Q/R ST. LT. SPEC. 19.



ESTIMATED. ACTUAL P&R OF PAVEMENT TO BE DETERMINED BY INSPECTOR AT TIMES OF CONSTRUCTION.

QUANTITIES FOR CALIFORNIA AVE. \*

ITEM	QTY.	ITEM	QTY.
A.C. GRINDING	2970 L.F.	ADJUST WATER GATE	
ASPHALT-RUBBER S.A.T.	9326 S.Y.	VALVE COVER TO GRADE	3 E.A.
OPEN GRADED A.C.	504 TONS	ADJUST SEWER M.H. FRAME & COVER TO GRADE	5 E.A.
TRAFFIC SIGNAL LOOPS	3 E.A.	ADJUST WATER M.H. FRAME & COVER TO GRADE	2 E.A.
BLUE HYDRANT MARKERS	4 E.A.	SIDEWALK	
EXCAVATION (AC)	201 C.Y.	CURB & GUTTER	60 L.F.
D/W APPROACH	276 S.F.		
DENSE GRADED A.C.	439 TONS		

\* QUANTITIES DO NOT REFLECT "AS BUILT" CONST.

CITY OF RIVERSIDE  
PUBLIC WORKS DEPARTMENT

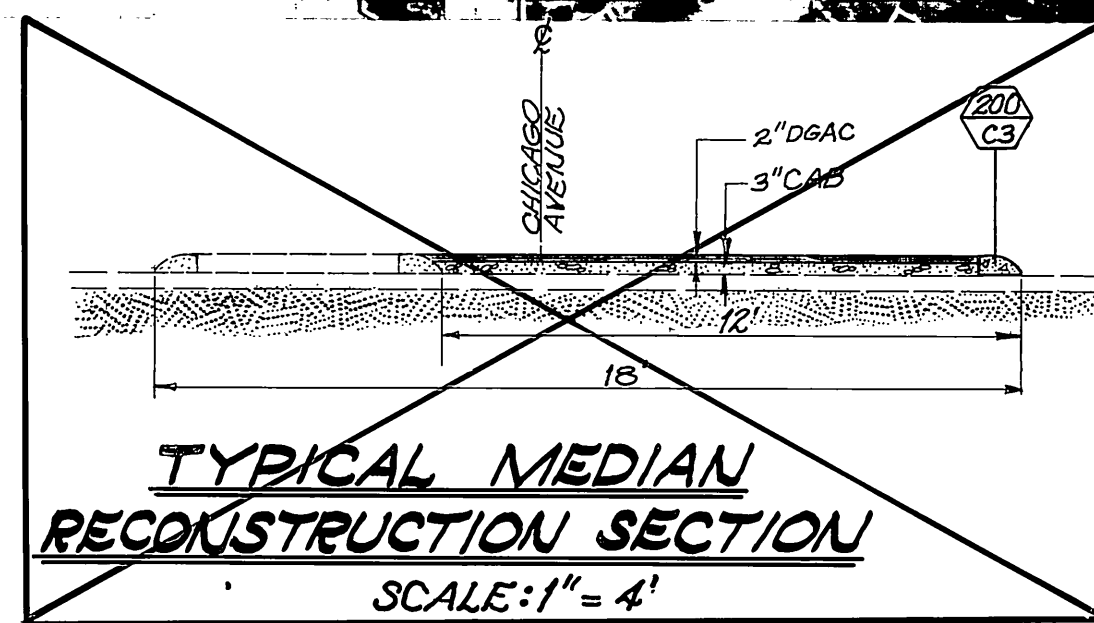
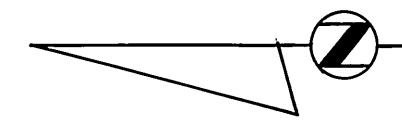
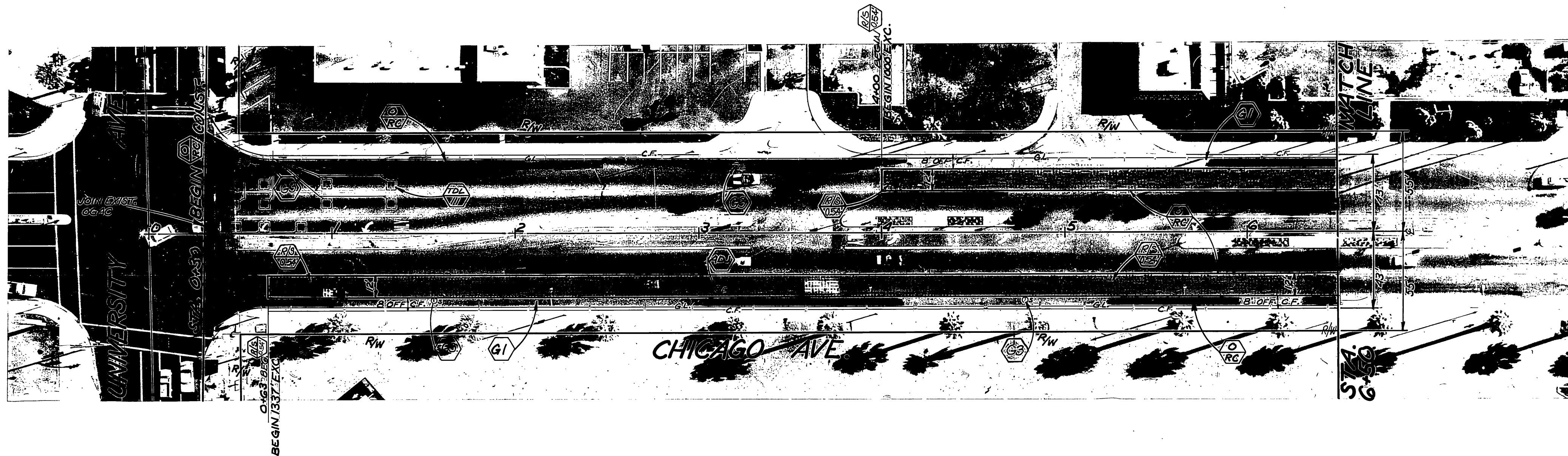
APPROVED BY	DATE	BY	APPROVED BY
PRINCIPAL ENGINEER	6/17/85	W.D. Dandrea	PUBLIC WORKS DIRECTOR
TRAFFIC DIVISION			
CHIEF P.W. ENGINEER			
DATE	6-17-85		

REHABILITATION OF MAJOR CITY STREETS 1985

CALIFORNIA AVENUE  
JEFFERSON TO ARLINGTON

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

INDEX USE  
ACCOUNT NO. 30-578-286-07  
R-2630  
SHEET 4 OF 25



**QUANTITIES FOR CHICAGO AVE.\***

ITEM	QTY.	ITEM	QTY.
CURB & GUTTER (TYPE 1)	1,334 L.F.	TRAFFIC SIGNAL RELOC. (SEE 2-41A)	LUMP SUM
A.C. GRINDING	3097 L.F.	ADJUST WATER GATE	
ASPHALT RUBBER-S.A.T.	19575 S.Y.	VALVE COVER TO GRADE	18 EA.
OPEN GRADED A.C.	1085 TONS	ADJUST SEWER M.H.	
TRAFFIC SIGNAL LOOPS	11 EA.	FRAME & COVER TO GRADE	6 EA.
BLUE HYDRANT MARKERS	7 EA.	ADJUST ELECTRIC M.H.	
EXCAVATION (PHASE)	591 CY.	FRAME & COVER TO GRADE	1 EA.
CRUSHED AGGR. BASE	267 CY.	ADJUST STORM DRAIN M.H.	
DENSE GRADED A.C.	2,197 TONS	FRAME & COVER TO GRADE	3 EA.

\*QUANTITIES DO NOT REFLECT "AS BUILT" CONST.  
 †ESTIMATED. ACTUAL R&R OF PAVEMENT TO BE DETERMINED BY INSPECTOR AT TIME OF CONSTRUCTION.

**CITY OF RIVERSIDE  
 PUBLIC WORKS DEPARTMENT**

APPROVED BY	DATE	BY	APPROVED BY
PRINCIPAL ENGINEER	6/17/85	J.H.C.	W.D. DANTON
PARK DEPARTMENT			PUBLIC WORKS DIRECTOR
TRAFFIC DIVISION	6/17	D.P.	
CHIEF P.W. ENGINEER			

**REHABILITATION OF  
 MAJOR CITY STREETS 1985**

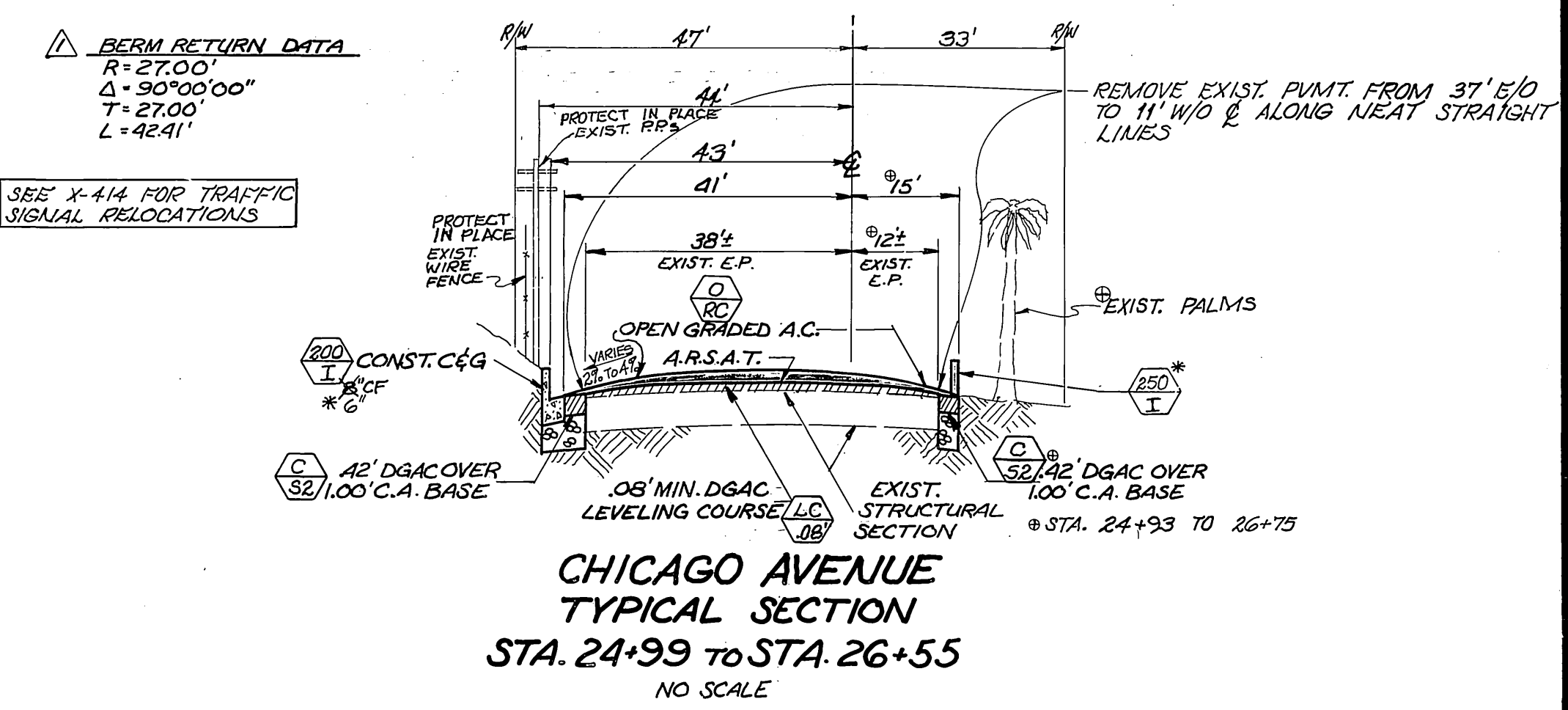
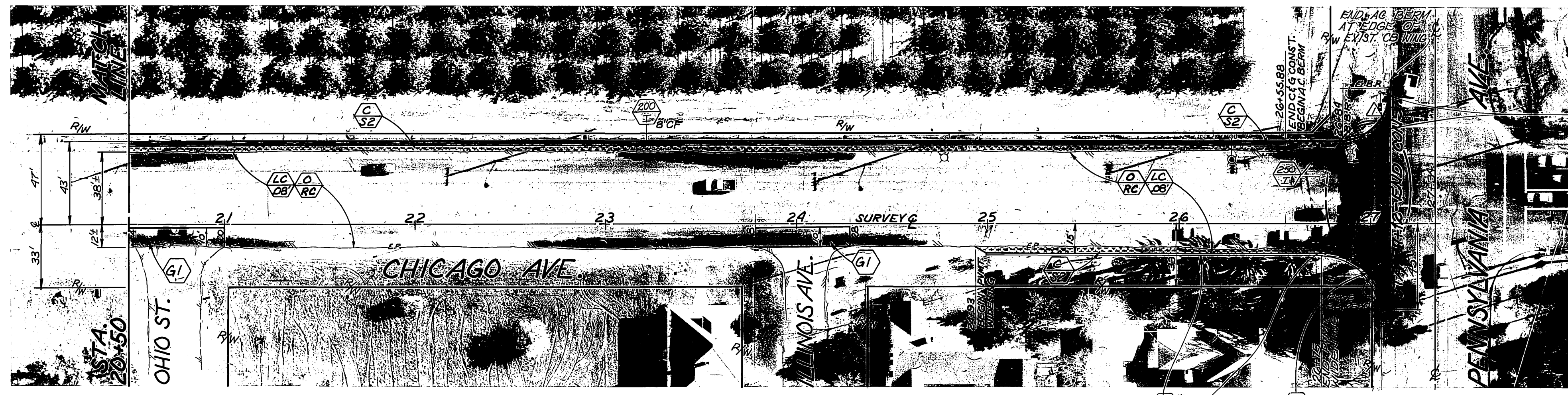
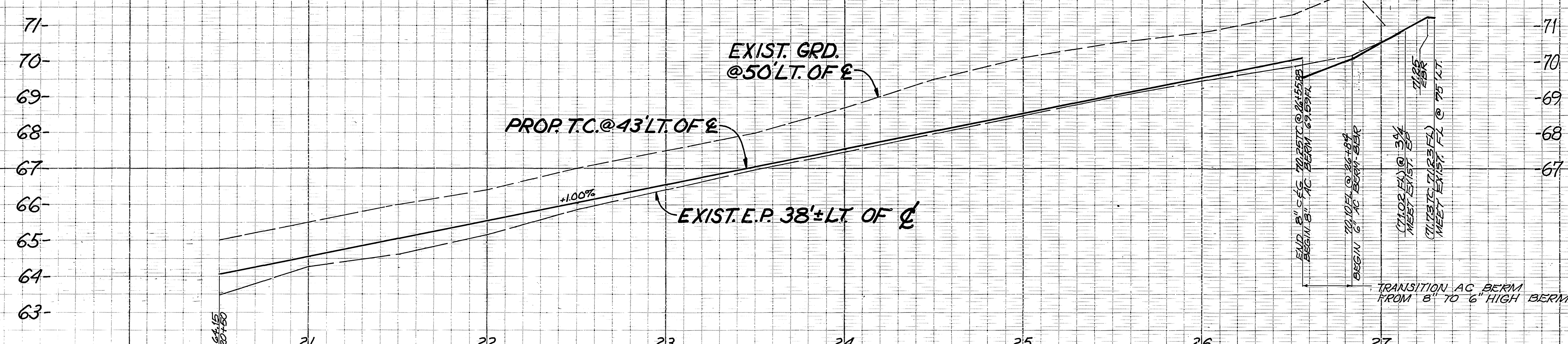
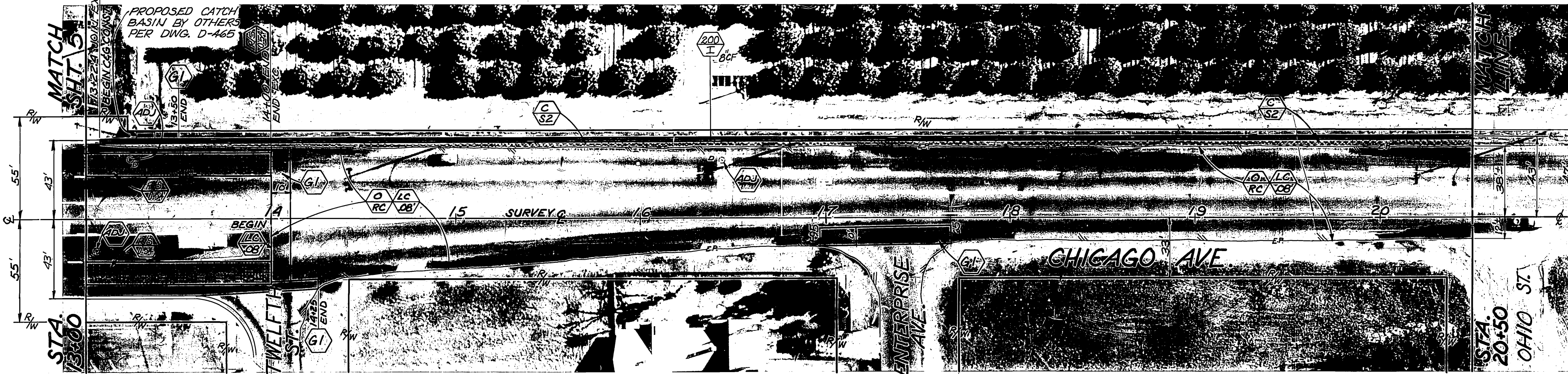
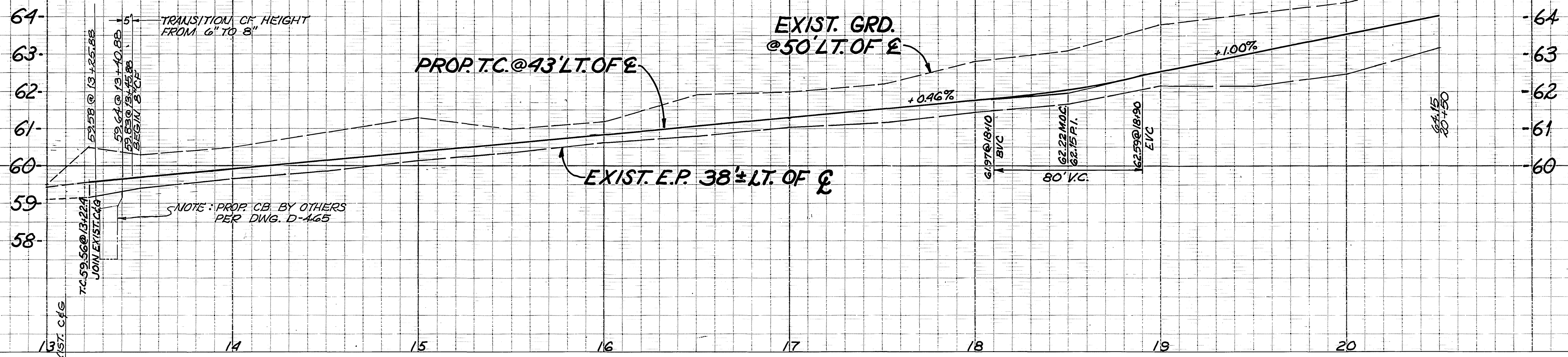
**CHICAGO AVE.  
 UNIVERSITY AVE. TO PENNSYLVANIA AVE.**

INDEX  
 ACCOUNT NO. 30-575-286-07  
**R-2630**  
 SHEET 5 OF 25

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

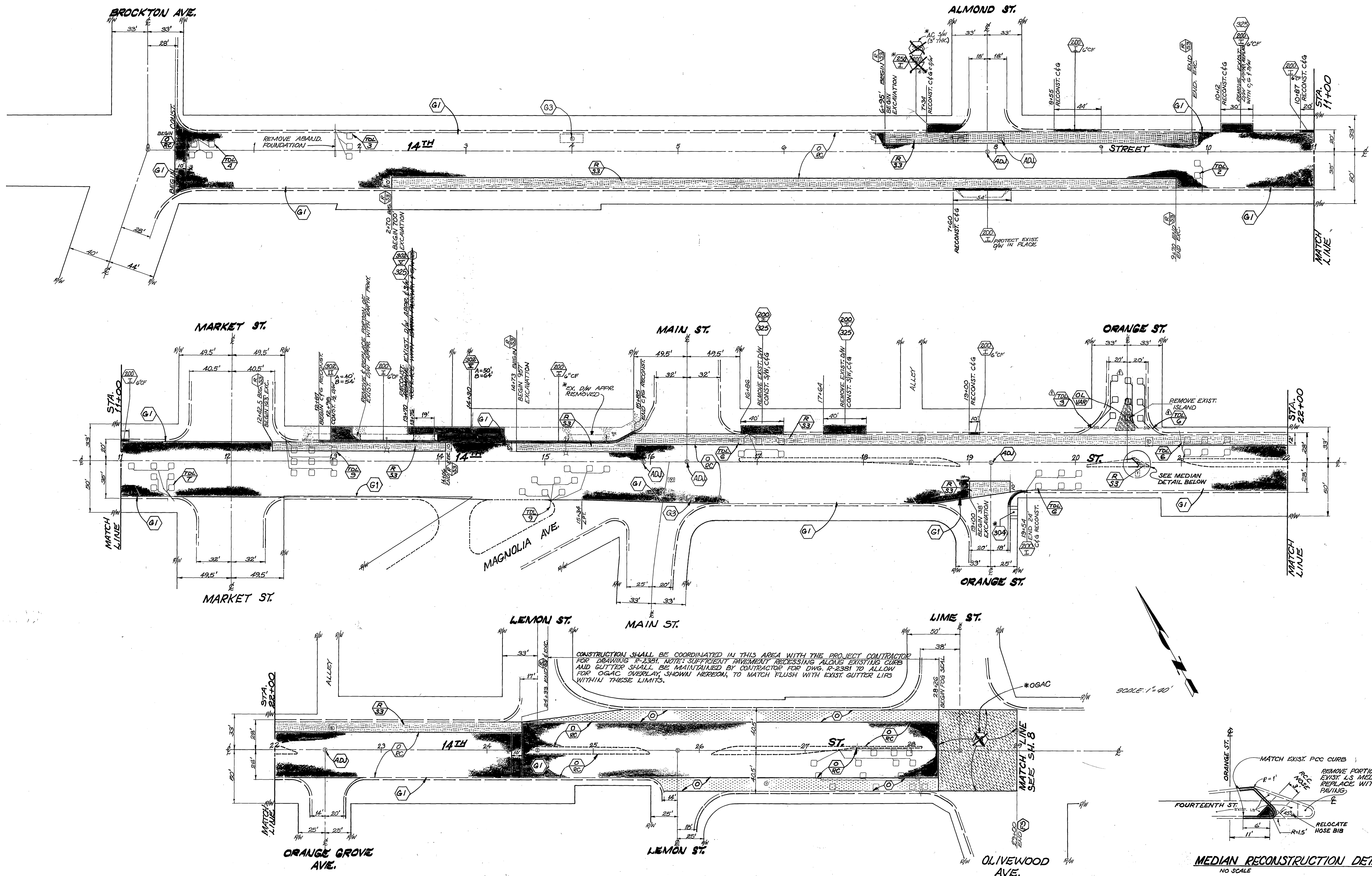
DATE 6-17-85

DESIGNED BY J.H. DRAWN BY R.V.Z. CHECKED BY R.M.



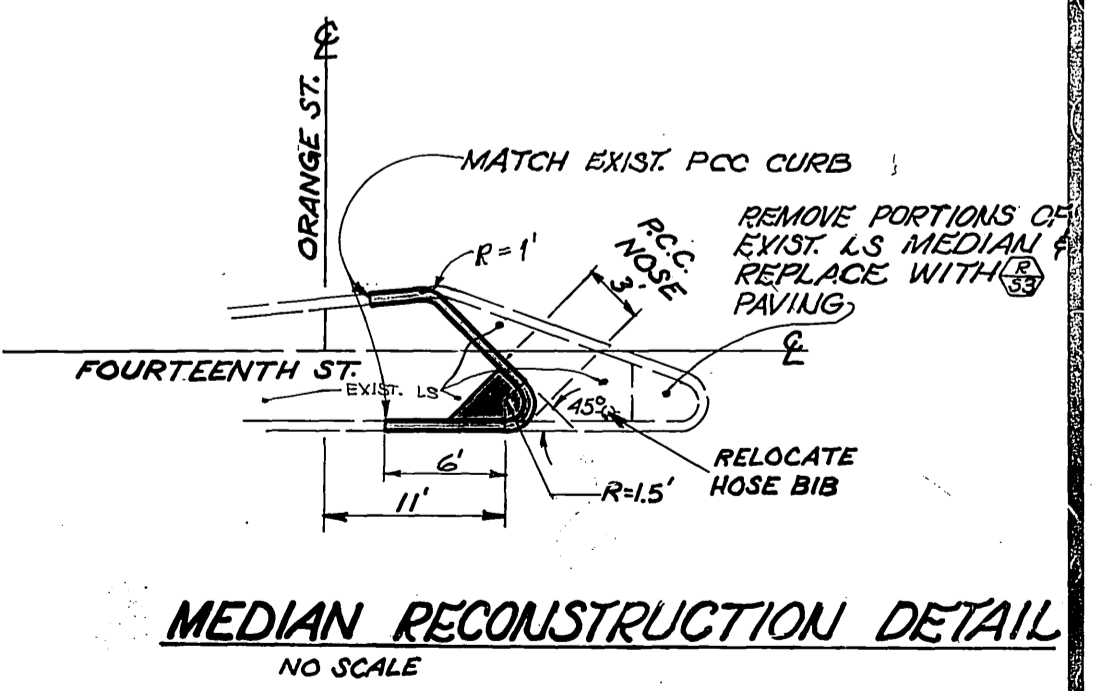
APPROX. AREA OF UNEVEN PAVEMENT PROFILE (DIP) TO BE RAISED WITH A VARIABLE THICKNESS DGAC LEVELING COURSE UNDERLYING OGAC & ARSAT. GRADE SHEETS, IF NECESSARY, SHALL BE ISSUED PRIOR TO PAVING, OTHERWISE PROFILE SHALL BE FIELD INSPECTED & APPROVED BY CITY INSPECTOR.

<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		<b>REHABILITATION OF</b> <b>MAJOR CITY STREETS 1985</b> <b>CHICAGO AVE.</b> UNIVERSITY AVE. TO PENNSYLVANIA AVE.		ACCOUNT NO. 30-575-286-07 <b>R-2630</b> SHEET <b>6</b> OF <b>25</b>
APPROVED BY PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION CHIEF P.W. ENGINEER	DATE BY DATE	APPROVED BY PUBLIC WORKS DIRECTOR	DATE G-17-85	INDEX W/F HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 2'
DESIGNED BY J.H. DRAWN BY R.V.Z. CHECKED BY R.C.M.	REVISIONS APPR. DATE	DATE G-17-85	DATE G-17-85	HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 2'



CONSTRUCTION SHALL BE COORDINATED IN THIS AREA WITH THE PROJECT CONTRACTOR FOR DRAWING R-2631. NOTE: SUFFICIENT PAVEMENT RECESSING ALONG EXISTING CURB AND GUTTER SHALL BE MAINTAINED BY CONTRACTOR FOR DWG. R-2631 TO ALLOW FOR OGAC OVERLAY, SHOWN HEREON, TO MATCH FLUSH WITH EXIST. GUTTER LIPS WITHIN THESE LIMITS.

SCALE: 1" = 40'



ESTIMATED. ACTUAL R.F.P. OF PAVEMENT TO BE DETERMINED BY INSPECTOR AT TIME OF CONST.

PAVEMENT PREPARATION	
ITEM	QTY.
A.C. REMOVAL	116 C.Y.
A.C. REPLACEMENT (O&G)	194 TONS

**QUANTITIES FOR FOURTEENTH ST.\***

ITEM	QTY.	ITEM	QTY.
A.C. GRINDING	2800 L.F.	ADJUST WATER GATE VALVE COVER TO GRADE	17 EA.
ASPHALT-RUBBER SAT.	16,120 S.Y.	ADJUST SEWER MH FRAME & COVER TO GRADE	5 EA.
OPEN GRADED A.C.	919 TONS	ADJUST ELECT. MH FRAME & COVER TO GRADE	1 EA.
FOG SEAL	16,038 S.Y.	REMOVE & REPLACE C&G	598 L.F.
TRAFFIC SIGNAL LOOPS	61 EA.	D/W APPR. STD. DWG. 502	1,259 SF
BLUE HYDRANT MARKERS	8 EA.	SIDEWALK STD. DWG. 325	218 SF
EXCAVATION (C & BASE)	1,443 C.Y.		
CRUSHED AGGR. BASE	1,043 C.Y.		
DELUSE GRADED A.C.	667 TONS		

\* QUANTITIES DO NOT REFLECT "AS BUILT" CONST.

**CITY OF RIVERSIDE**  
PUBLIC WORKS DEPARTMENT

APPROVED BY: *William D. Anderson*  
DATE: 6-17-85

PRINCIPAL ENGINEER: *William D. Anderson*  
TRAFFIC DIVISION: *6/17*  
CHIEF P.W. ENGINEER: *6/17*

**REHABILITATION OF MAJOR CITY STREETS 1985**

**FOURTEENTH STREET**  
BROCKTON TO LIME

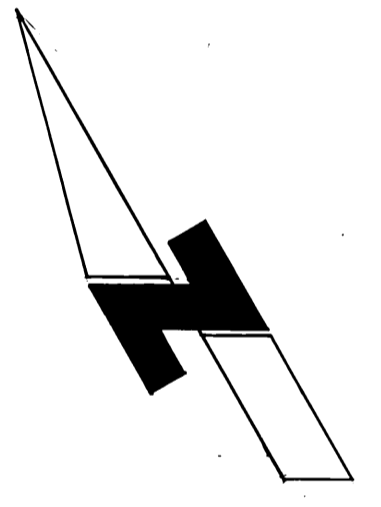
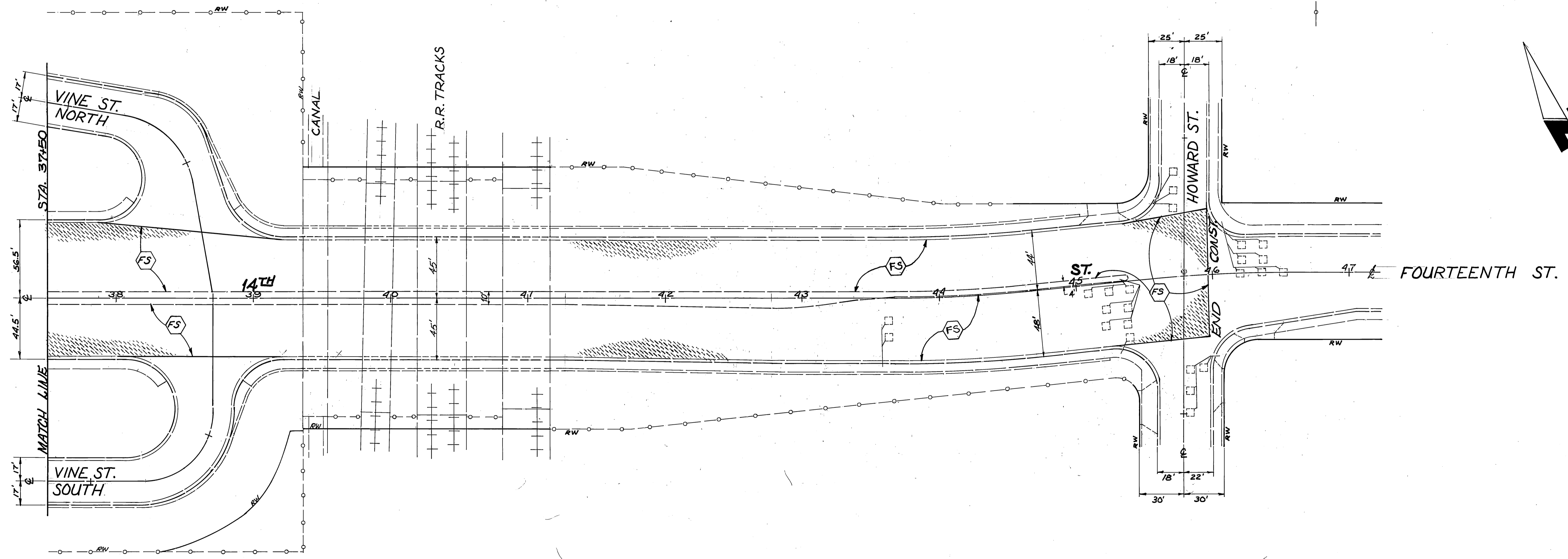
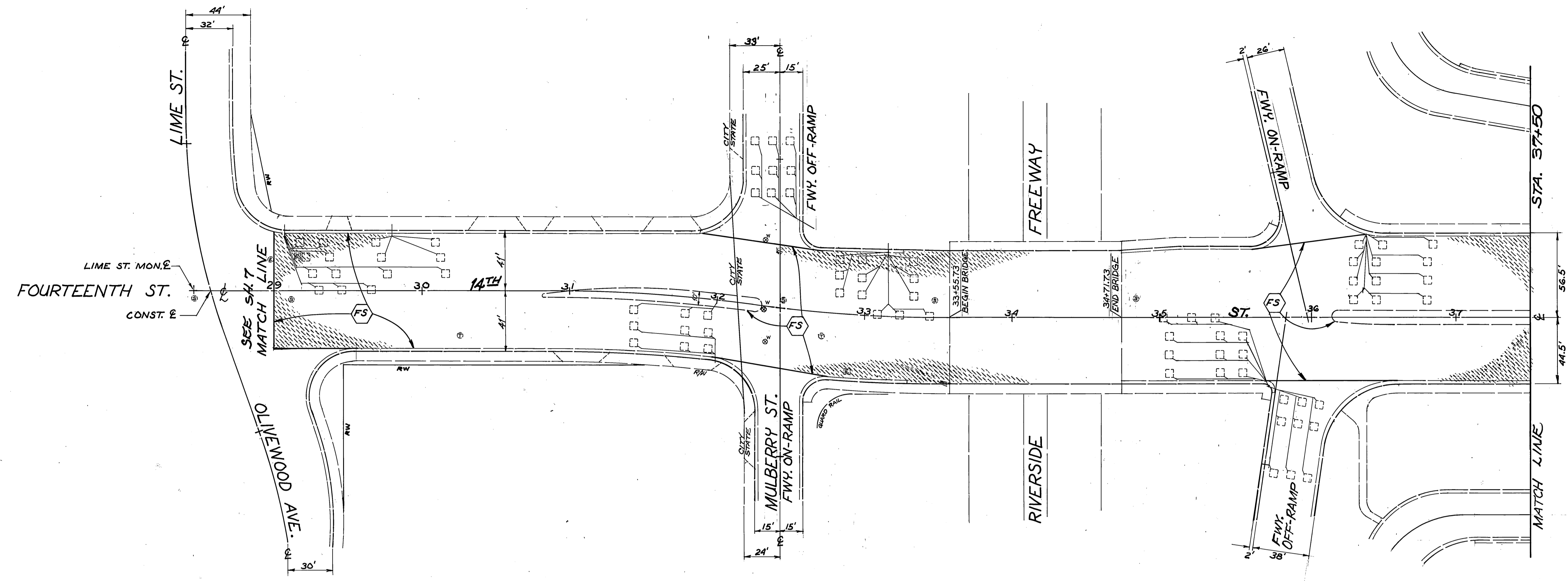
HORIZ. SCALE: 1" = 40'  
VERT. SCALE: 1" =

INDEX

ACCOUNT NO. 30-675-286-07

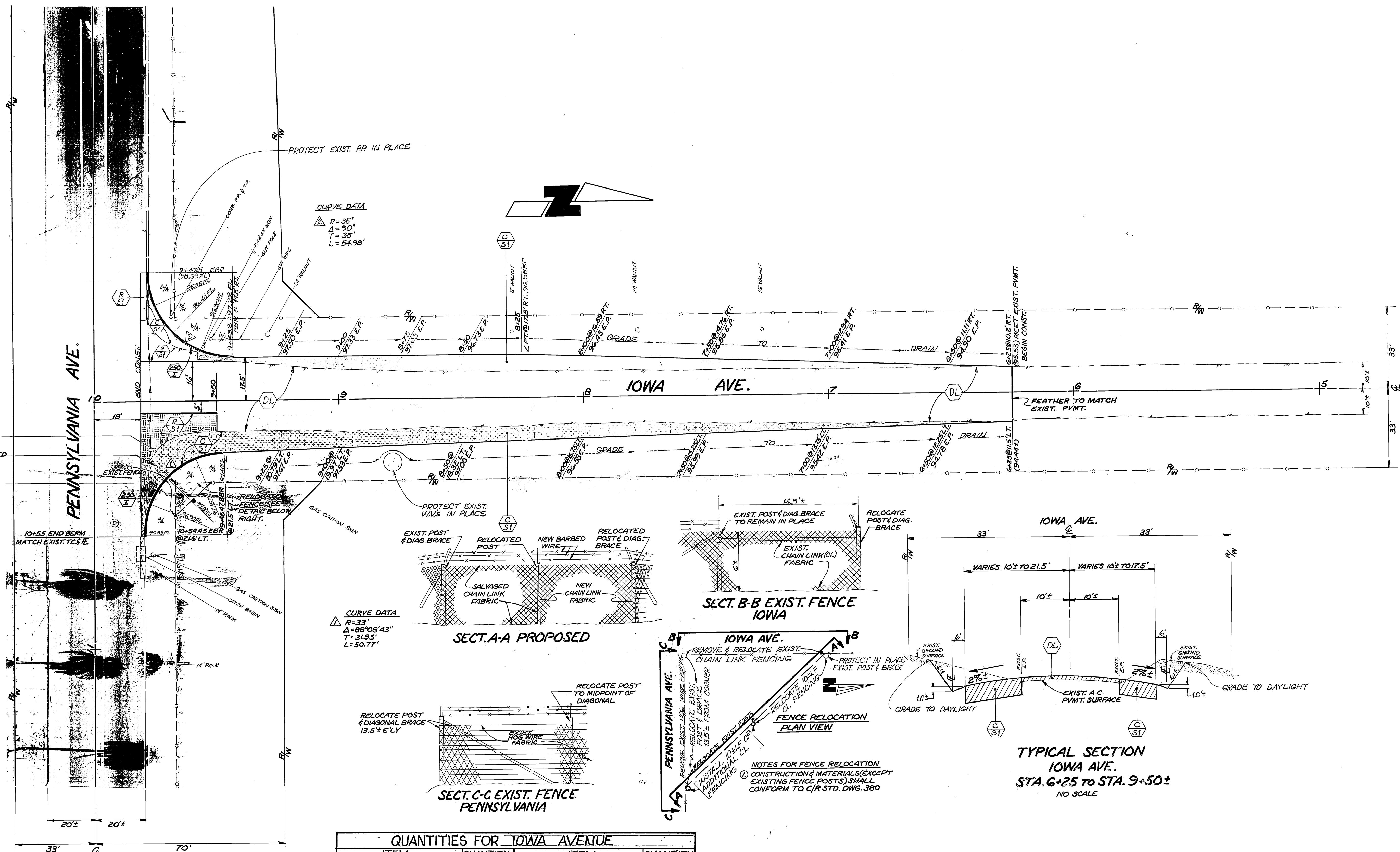
**R-2630**

SHEET 7 OF 22



<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT			<b>REHABILITATION OF MAJOR CITY STREETS 1985</b> <b>FOURTEENTH STREET</b> <b>LIME TO HOWARD</b>		AS BUILT 6/9/86 FROM INDEX USE ACCOUNT NO. 30-575-286-C7 <b>R-2630</b> SHEET 8 OF 25
APPROVED BY PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION CHIEF P. W. ENGINEER	DATE 5/17/85 5/17	BY William D. Gardner PUBLIC WORKS DIRECTOR	DATE 6-17-85	HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" =	
DESIGNED BY JH DRAWN BY RVZ CHECKED BY RMM	REVISIONS APPR. DATE	MARK	REVISIONS APPR. DATE	MARK	

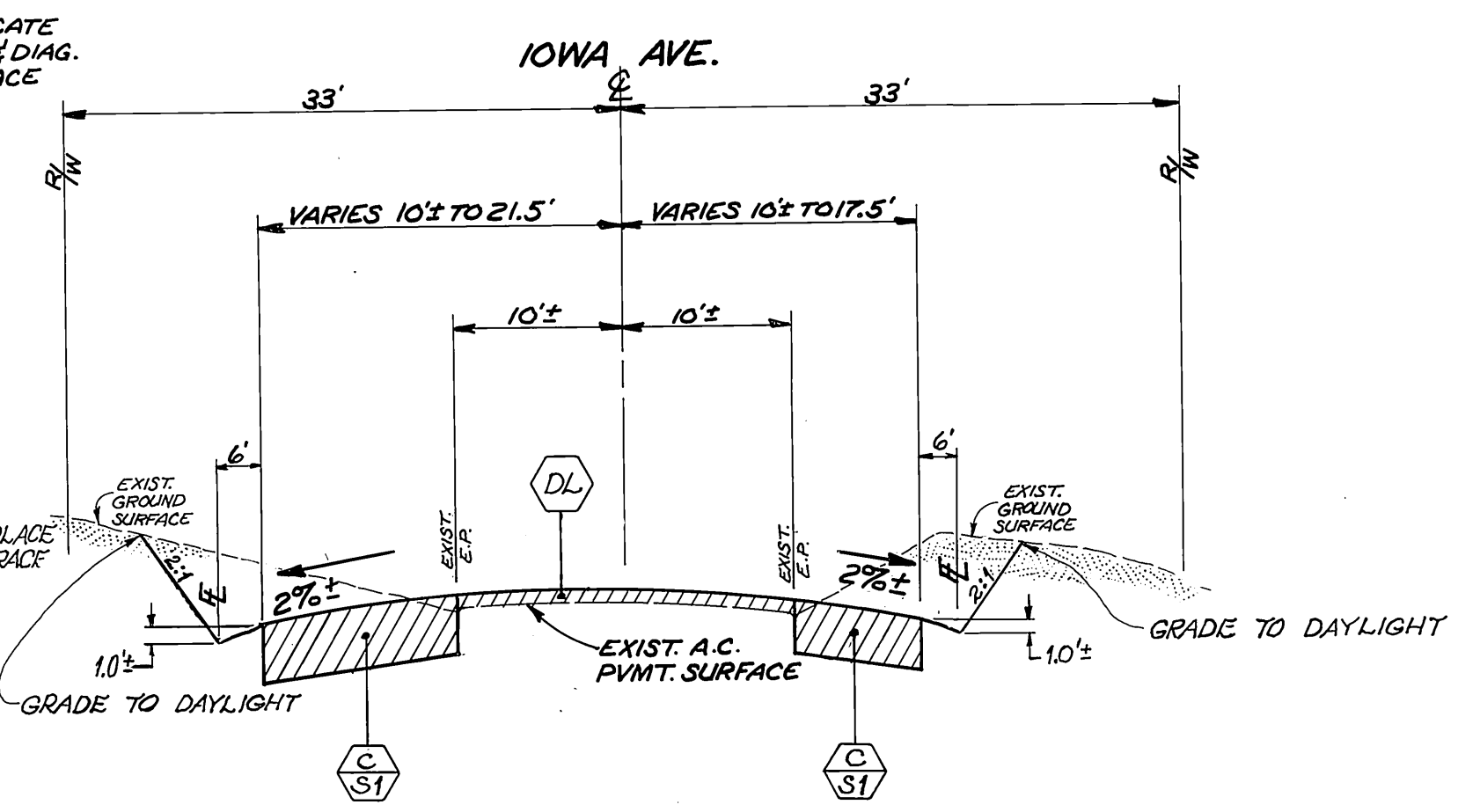
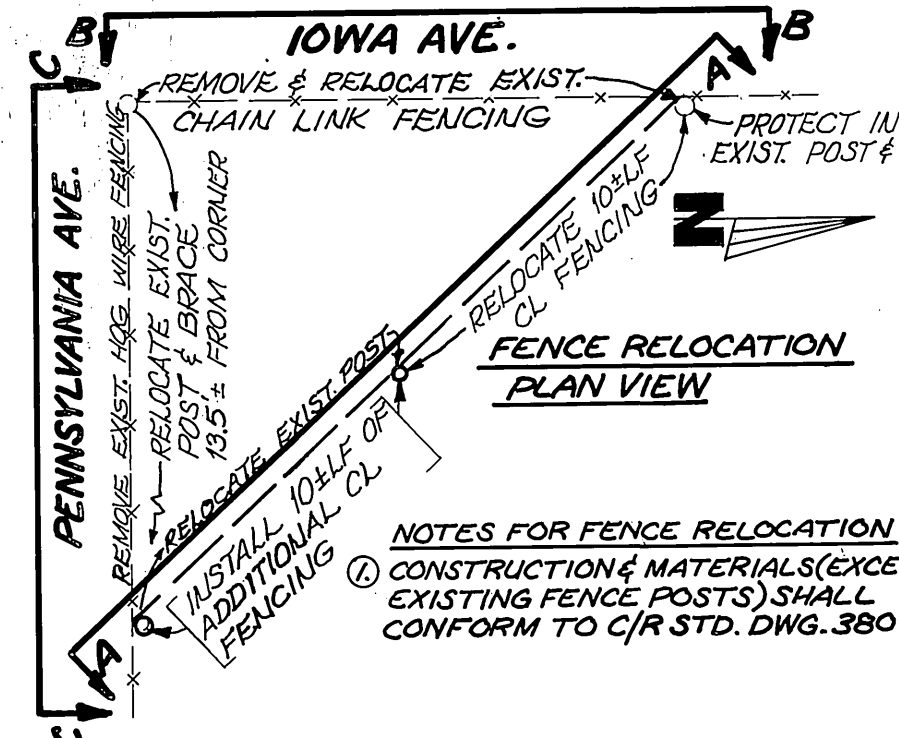
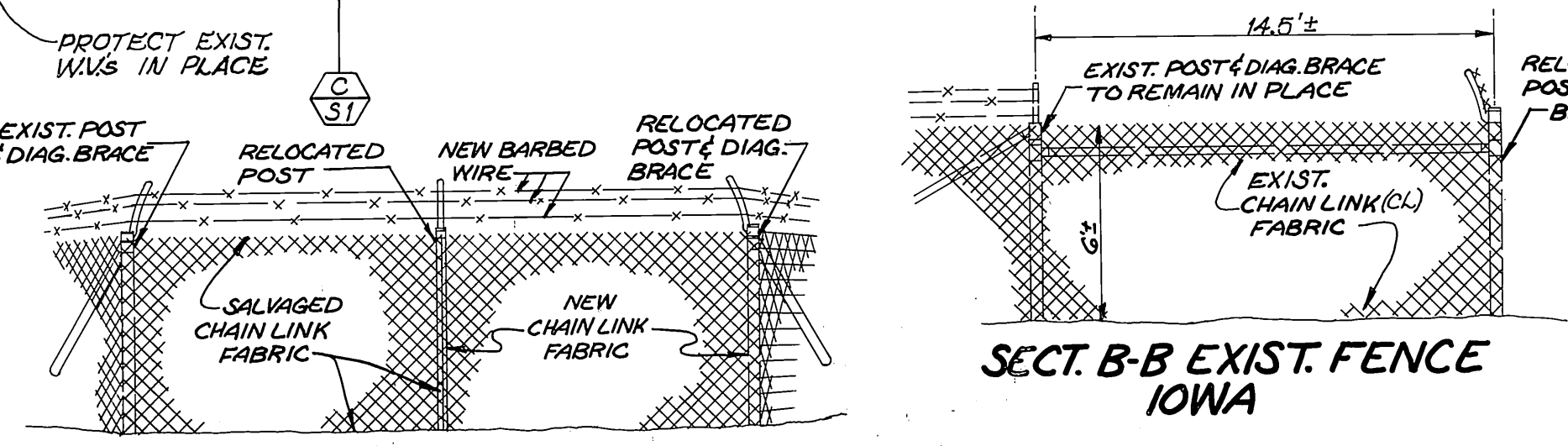




ELECTROLYSIS TESTING STATIONS TO BE RELOCATED BY OTHERS  
 TELEPHONE POLE TO BE RELOCATED BY OTHERS PRIOR TO CONST.  
 PROTECT EXIST. 12" PALM TREE IN PLACE.

**CURVE DATA**  
 $R = 35'$   
 $\Delta = 30^\circ$   
 $T = 35'$   
 $L = 54.98'$

**CURVE DATA**  
 $R = 33'$   
 $\Delta = 88^\circ 08' 43''$   
 $T = 31.95'$   
 $L = 50.77'$



**NOTES FOR FENCE RELOCATION**  
 1. CONSTRUCTION & MATERIALS (EXCEPT EXISTING FENCE POSTS) SHALL CONFORM TO C/R STD. DWG. 380

**TYPICAL SECTION IOWA AVE.**  
 STA. 6+25 TO STA. 9+50±  
 NO SCALE

QUANTITIES FOR IOWA AVENUE			
ITEM	QUANTITY	ITEM	QUANTITY
OPEN GRADED A.C.	---	TRAFFIC SIGNAL LOOPS	---
DENSE GRADED A.C.	252 TONS	REMOVE TRAFFIC SIGNAL PADS	---
ASPHALT RUBBER SAT	---	BLUE FIRE HYDRANT MARKERS	---
A.C. P.V.M.T. GRINDING, TYPE I	---	AC BERM, TYPE I STD. 250	106 LF
EXCAVATION (A.C. & BASE)	106 CY	RELOCATE C.L. FENCING	20 LF
D/W APPROACH PER STD. 302 II	---	PAVEMENT PREPARATION	---
ADJUST SWR & S.D. M.H. FRAME & COVER TO GRADE	---	AC REMOVAL	---
ADJUST WATER GATE VALVE COVER TO GRADE	---	A.C. REPLACEMENT (DGAC)	---

**CITY OF RIVERSIDE**  
 PUBLIC WORKS DEPARTMENT

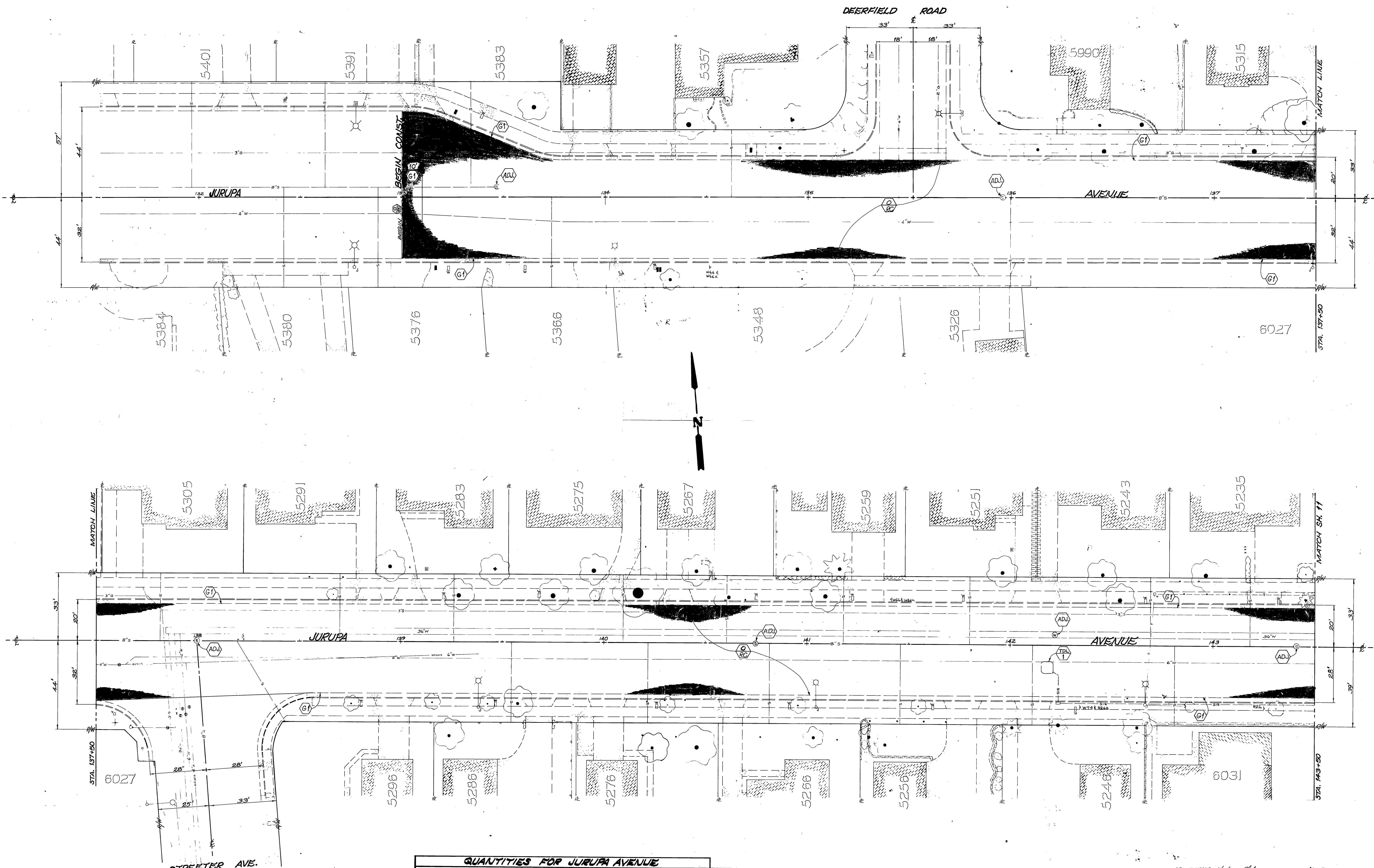
APPROVED BY: *William D. Gendron*  
 PUBLIC WORKS DIRECTOR

DATE: **MAY 31, 1985**

**REHABILITATION OF MAJOR CITY STREETS 1985**  
 IOWA AVE.  
 INTERSECTION OF PENNSYLVANIA

HORIZ. SCALE: 1" = 20'  
 VERT. SCALE: 1" = D.N.A.

INDEX W/P  
 ACCOUNT NO. 30-373-286-07  
**R-2630**  
 SHEET **9** OF 25



**QUANTITIES FOR JURUPA AVENUE**

ITEM	QTY.	ITEM	QTY.
REMOVE & REPLACE C&G	592LF	ADJUST WATER GATE VALVE COVER TO GRADE	50EA.
AC GRINDING (TYPE I)	17,594LF	TRAFFIC SIGNAL LOOPS	13 EA.
ASPHALT-RUBBER S.A.T.	44,705 SY	BLUE HYDRANT MARKER	12EA.
OPEN GRADED AC	2,470 TONS	ADJUST WATER MH FRAME & COVER TO GRADE	4 EA.
ADJUST SEWER & SD MH FRAME & COVER TO GRADE	45 EA.	ADJUST ELECTRIC MH FRAME & COVER TO GRADE	2 EA.
AC REMOVAL	270 CY		
DEUSE GRADED AC	537 TONS		
AC REPLACEMENT	665 TONS		
EXCAVATION (AC)	265 CY		

⊕ ESTIMATED. ACTUAL R & R OF PAVT. TO BE DETERMINED BY INSPECTOR AT TIME OF CONSTRUCTION.

**PAVEMENT PREPARATION ⊕**

ITEM	QTY.
AC REMOVAL	270 CY
AC REPLACEMENT	665 TONS

**CITY OF RIVERSIDE**  
PUBLIC WORKS DEPARTMENT

APPROVED BY: *[Signature]*  
PRINCIPAL ENGINEER

APPROVED BY: *[Signature]*  
PUBLIC WORKS DIRECTOR

DATE: 6-17-85

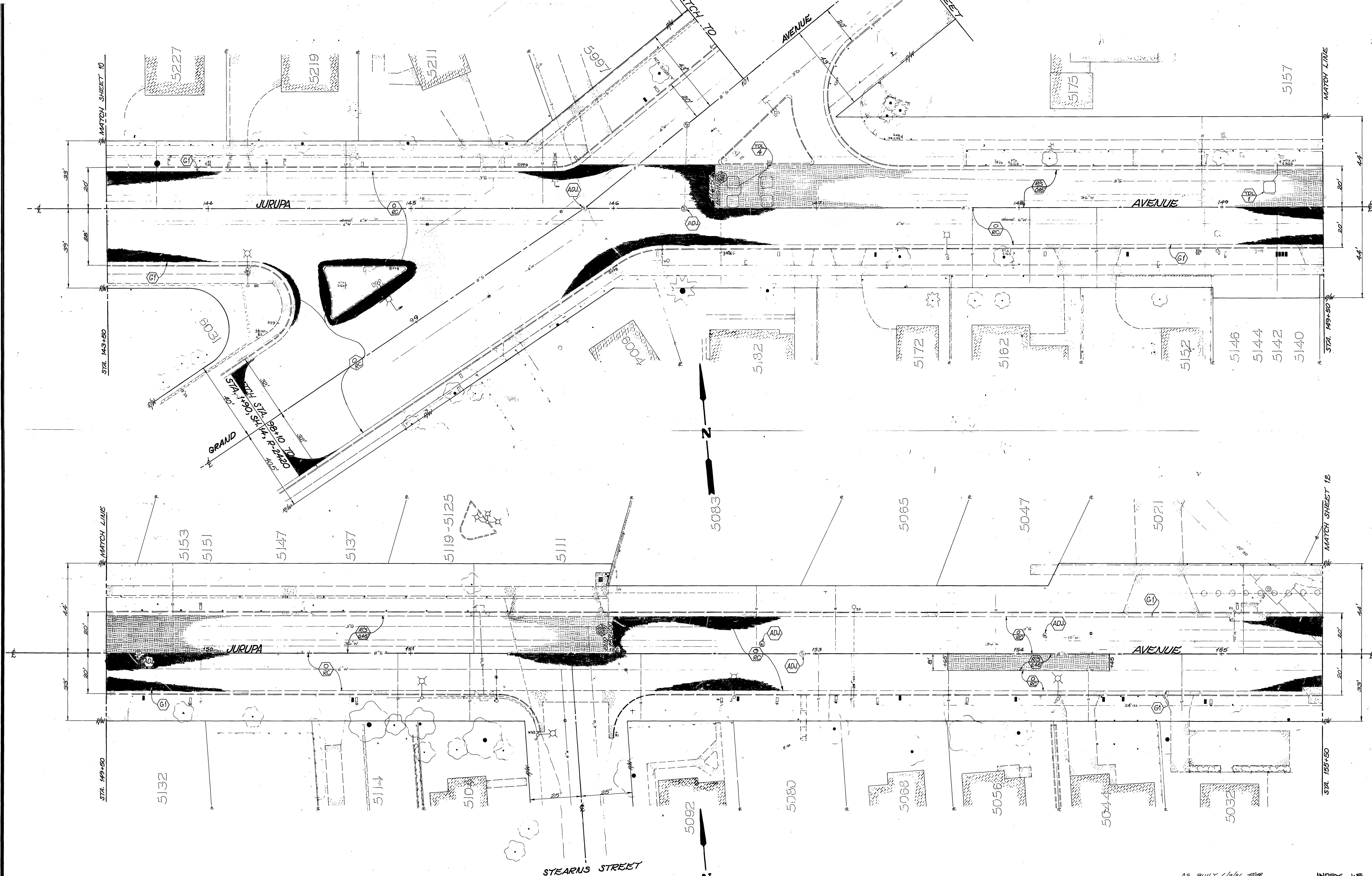
REHABILITATION OF MAJOR CITY STREETS 1985

**JURUPA AVENUE**  
STREETER TO MAGNOLIA

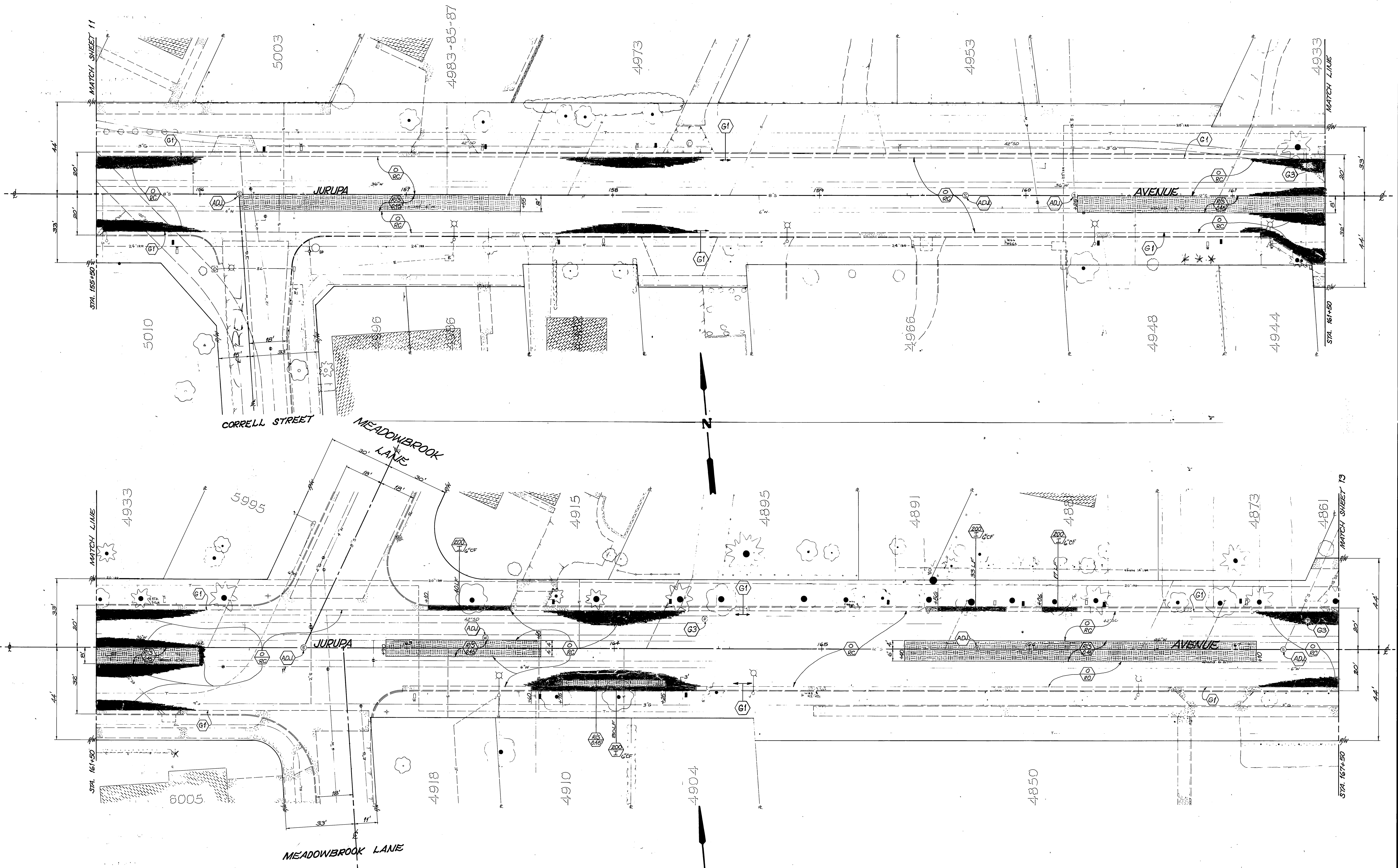
INDEX US  
ACCOUNT NO. 30-515-226-07  
**R-2630**  
SHEET 10 OF 25  
FILE NO.

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

DESIGNED BY: JH DRAWN BY: [Signature] CHECKED BY: [Signature]

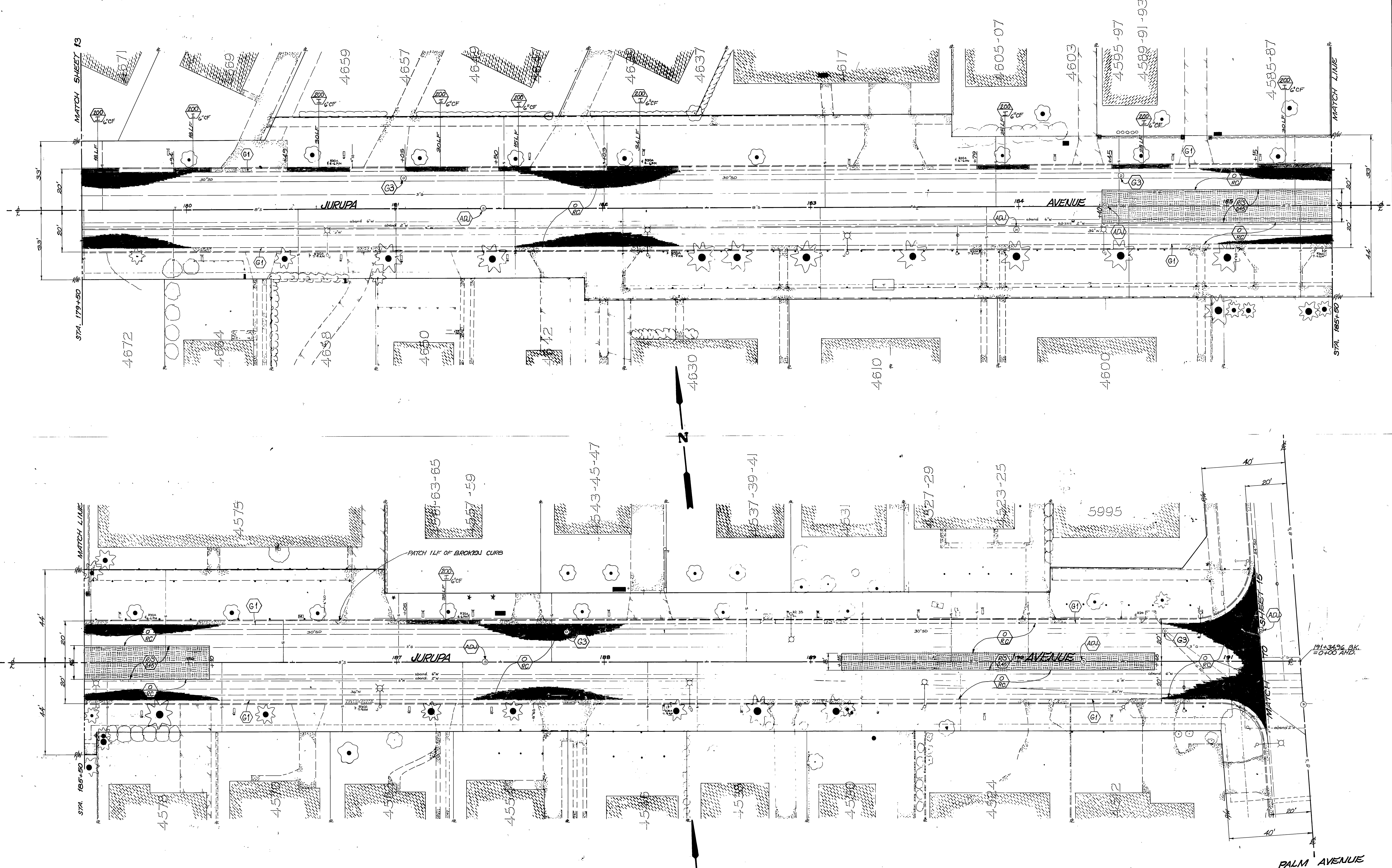


<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		AS BUILT 6/3/86 RMM <b>REHABILITATION OF MAJOR CITY STREETS 1985</b> <b>JURUPA AVENUE</b>		INDEX WF ACCOUNT NO. 30-575-286-07 <b>R-2630</b> SHEET 11 OF 25 FILE NO.
APPROVED BY PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION CHIEF P. W. ENGINEER	APPROVED BY William D. Hardner PUBLIC WORKS DIRECTOR	DATE <b>6-17-85</b>	HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" =	
DESIGNED BY DRAWN BY CHECKED BY	REVISIONS APPR. DATE	MARK DESIGNED BY DRAWN BY CHECKED BY	HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" =	

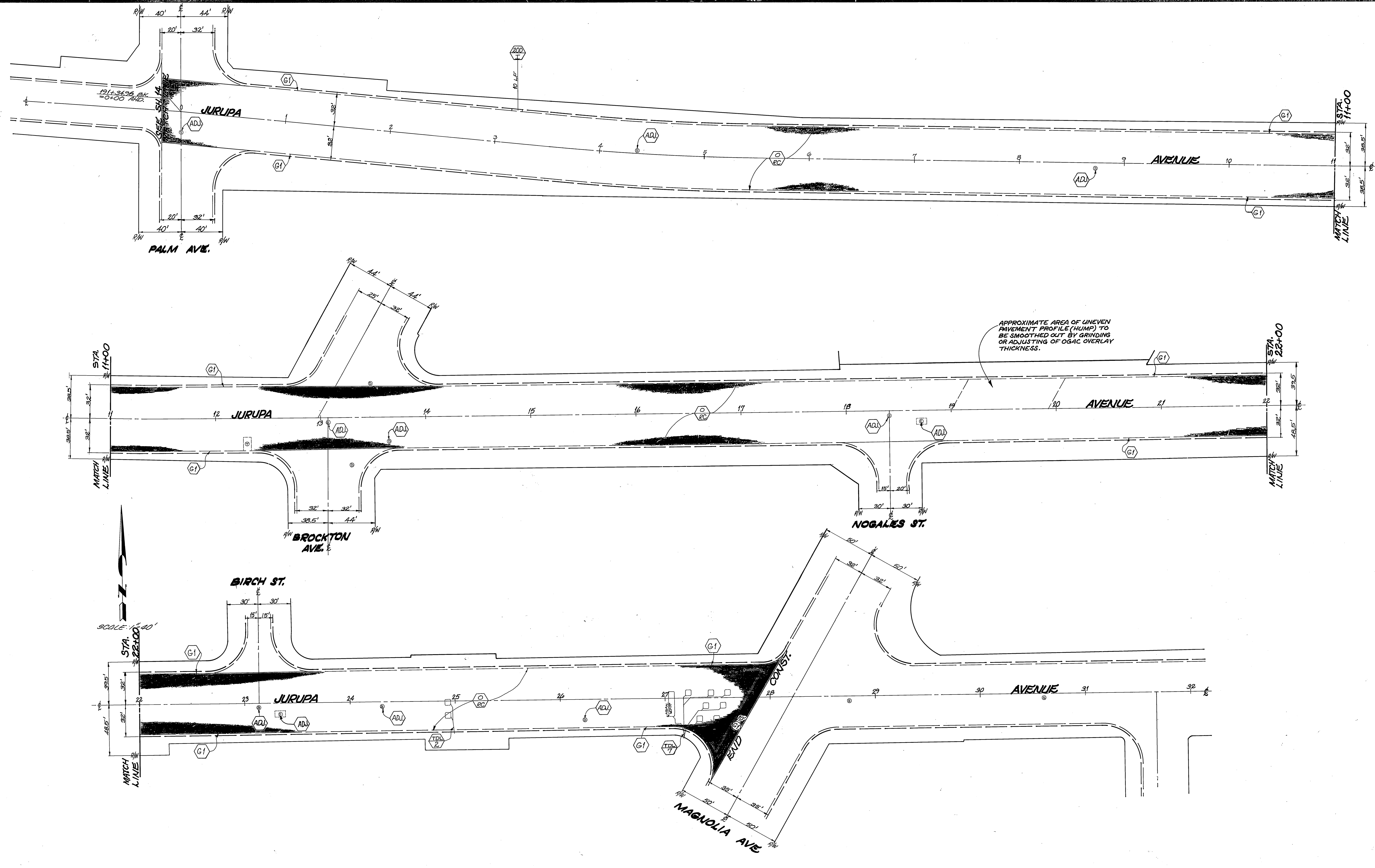


<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		REHABILITATION OF MAJOR CITY STREETS 1985		ACCOUNT NO. 30-978-286-07
APPROVED BY PRINCIPAL ENGINEER <i>W.E. 4/17/85</i>		APPROVED BY <i>William D. Gardner</i> PUBLIC WORKS DIRECTOR		INDEX <i>W</i> <b>R-2630</b>
TRAFFIC DIVISION CHIEF P. W. ENGINEER <i>D. R. 4/17</i>		DATE <b>6-17-85</b>		SHEET <b>12</b> OF <b>25</b>
DESIGNED BY <i>JH</i>		DRAWN BY <i>JH</i>		FILE NO.





<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		AS BUILT C/1/1/85 <b>REHABILITATION OF MAJOR CITY STREETS 1985</b>		INDEX UP ACCOUNT NO. 30-975-286-07
APPROVED BY PRINCIPAL ENGINEER <i>[Signature]</i> 4/17/85		APPROVED BY PUBLIC WORKS DIRECTOR <i>[Signature]</i>		<b>R-2630</b>
DESIGNED BY J.H.		DATE <b>6-17-85</b>		SHEET <b>14</b> OF <b>25</b>
DRAWN BY <i>[Signature]</i>		HORIZ. SCALE: 1" = 20'		FILE NO.
CHECKED BY <i>[Signature]</i>		VERT. SCALE: 1" =		

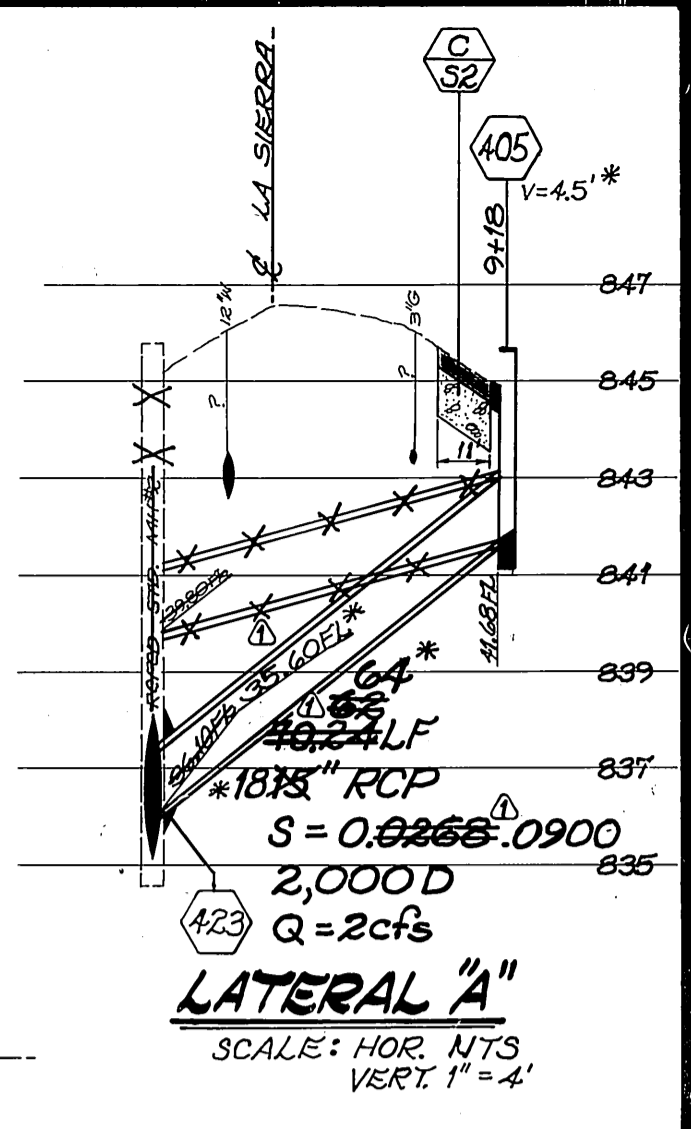
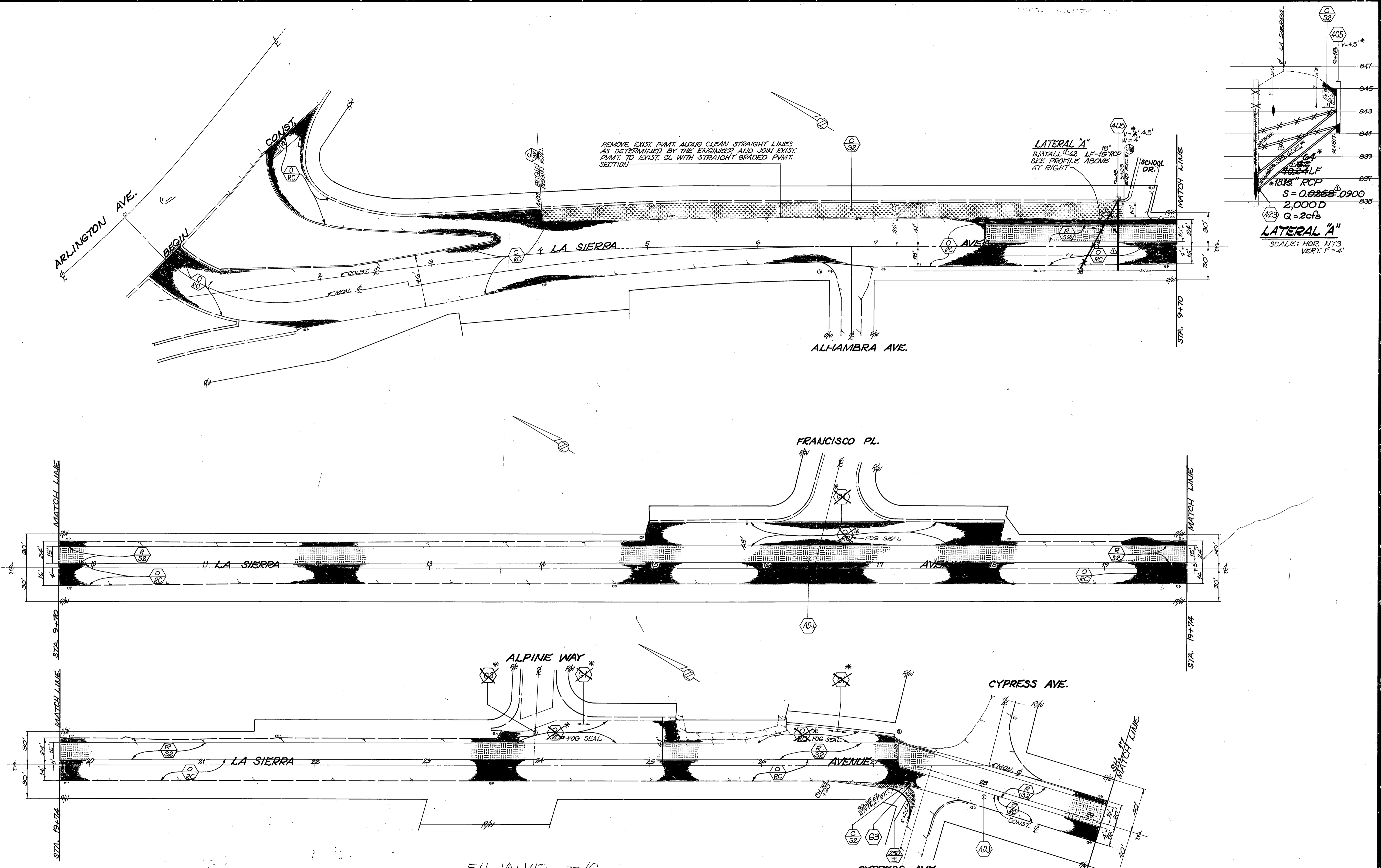


APPROXIMATE AREA OF UNEVEN PAVEMENT PROFILE (HUMP) TO BE SMOOTHED OUT BY GRINDING OR ADJUSTING OF OGAC OVERLAY THICKNESS.

SCALE: 1" = 40'

NOTE: REMOVAL & REPLACEMENT OF PAVEMENT BETWEEN PALM & MAGNOLIA SHALL BE DETERMINED BY THE INSPECTOR AT THE TIME OF CONSTRUCTION.

<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		AS BUILT 6/3/86 R/W <b>REHABILITATION OF MAJOR CITY STREETS 1985</b>		INDEX UP ACCOUNT NO. 30-575-286-07
APPROVED BY PRINCIPAL ENGINEER <i>[Signature]</i>		APPROVED BY PUBLIC WORKS DIRECTOR <i>[Signature]</i>		<b>R-2630</b> SHEET 15 OF 25
DATE 6-17-85		DATE 6-17-85		
DESIGNED BY J.H.		DRAWN BY [Signature]		HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 1"



FH VALVE - 10

QUANTITIES FOR LA SIERRA AVENUE*			
ITEM	QUANTITY	ITEM	QUANTITY
OPEN GRADED A.C.	1,954 TONS	TRAFFIC SIGNAL LOOPS	2
DENSE GRADED A.C.	1,758 TONS	REMOVE TRAFFIC SIGNAL PADS	2
ASPHALT RUBBER SAT	30,787 SY	BLUE FIRE HYDRANT MARKERS	12 EA.
A.C. PAVT. GRINDING, TYPE I	2,449 LF.	CRUSHED AGGREGATE BASE	2,055 CY
EXCAVATION (TRAMPWORK AC & CAB)	2893 CY	CB: STD. DWG. 405, W=4"	1 EA.
O/W APPROACH PER STD 302 II	5	15" RCP	10 LF
ADJUST SWR & S.D. M.H. FRAME & COVER TO GRADE	11 EA.	AC BERM: STD. DWG. 250, TYPE I	37 LF
ADJUST WATER GATE VALVE COVER TO GRADE	23 EA.	PAVEMENT PREPARATION	193 CY
		AC REMOVAL	461 TONS
		AC REPLACEMENT (OGAC)	461 TONS

\* QUANTITIES DO NOT REFLECT AS BUILT CONST.

ESTIMATED. ACTUAL R/R OF PAVEMENT TO BE DETERMINED BY INSPECTOR AT TIME OF CONSTRUCTION

LOCATION, L.F. SLOPE OF LAT. A CHANGED PER RCPD REQUEST

DATE 7-9-85

\* AS BUILT 4/2/86

INDEX USE  
ACCOUNT NO. 30-575-286-07

**CITY OF RIVERSIDE**  
PUBLIC WORKS DEPARTMENT

APPROVED BY PRINCIPAL ENGINEER DATE 6/17/85	BY WILLIAM D. HANSEN DATE 6/17/85
APPROVED BY TRAFFIC DIVISION CHIEF P.W. ENGINEER	APPROVED BY PUBLIC WORKS DIRECTOR

DATE 6-17-85

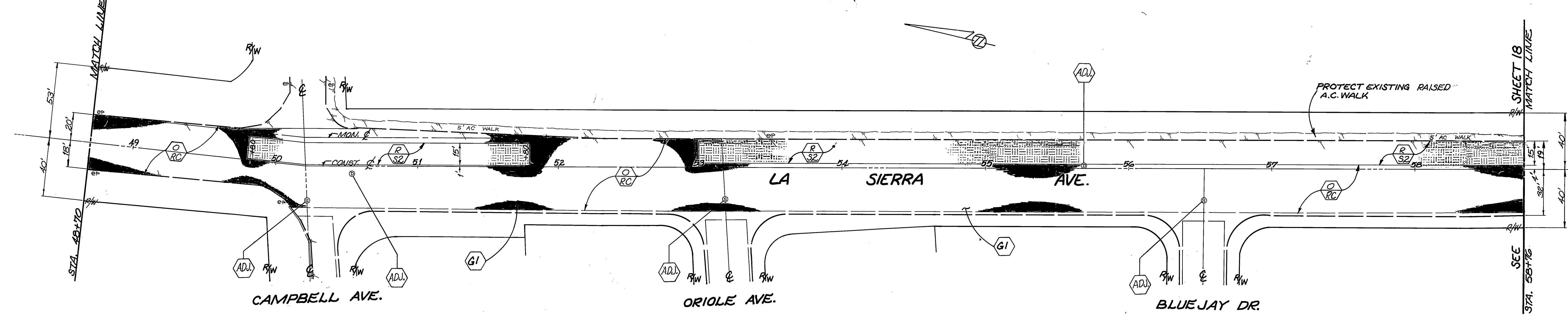
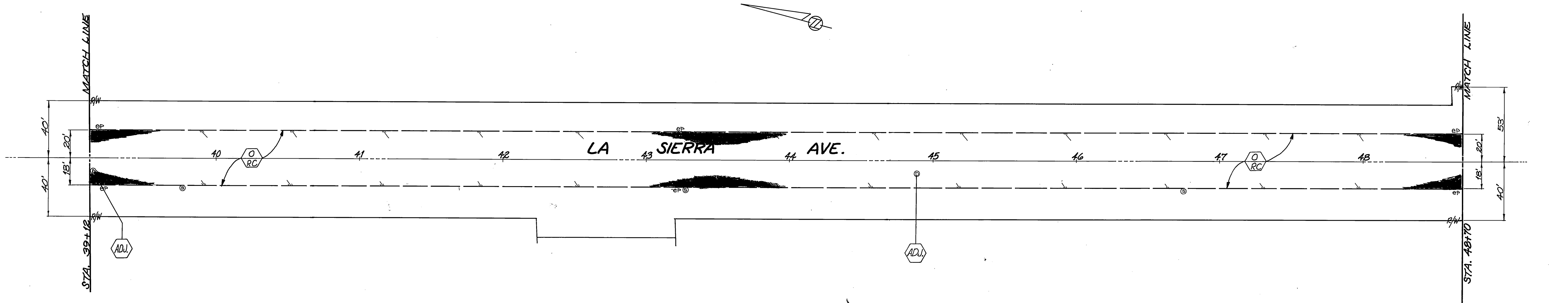
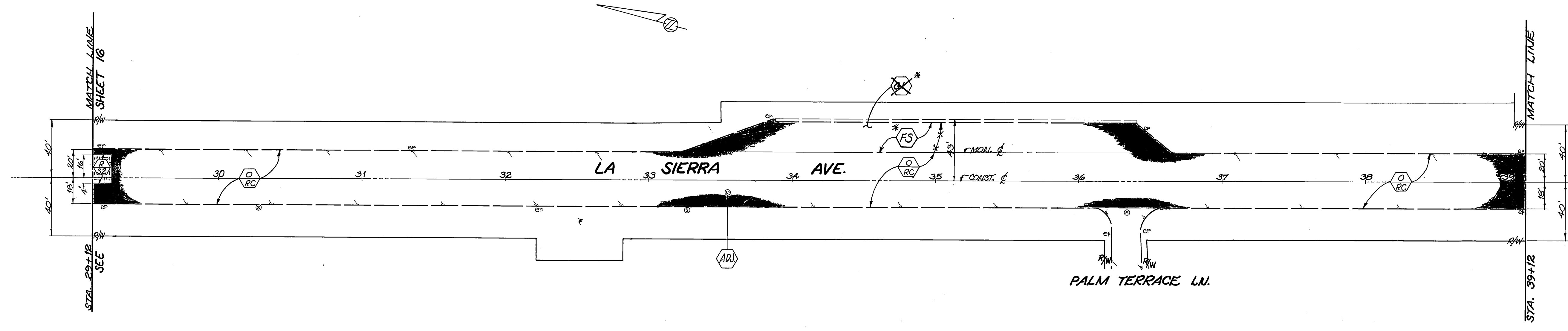
**REHABILITATION OF MAJOR CITY STREETS 1985**

**LA SIERRA AVENUE**  
ARLINGTON TO GRAMERCY

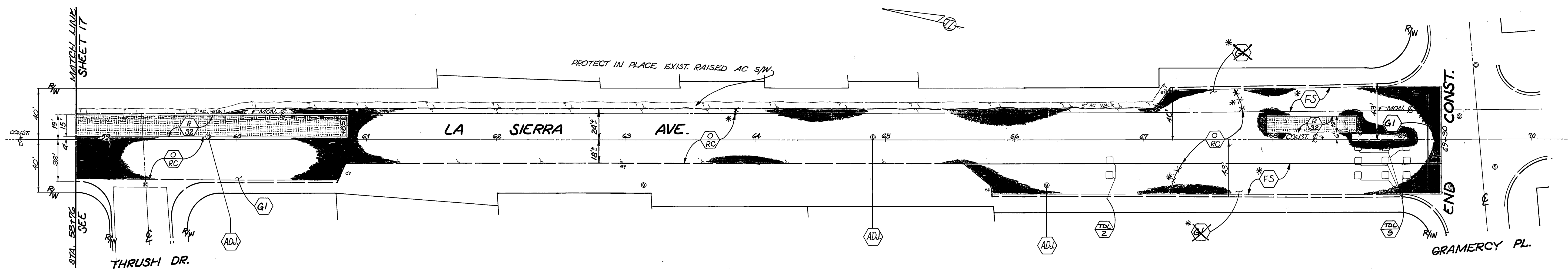
R-2630  
SHEET 16 OF 25

HORIZ. SCALE: 1" = 40'    VERT. SCALE: 1" = 4'

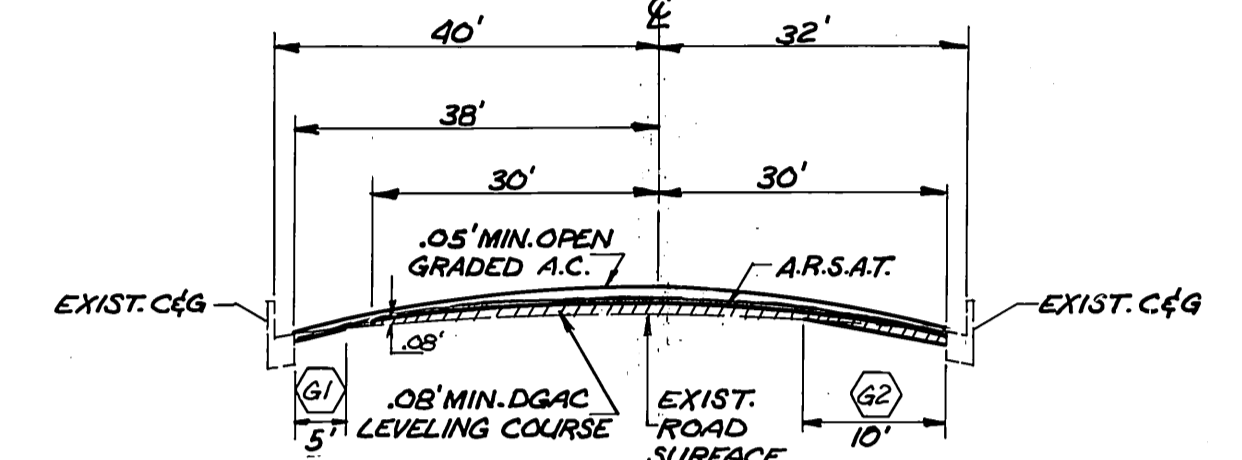
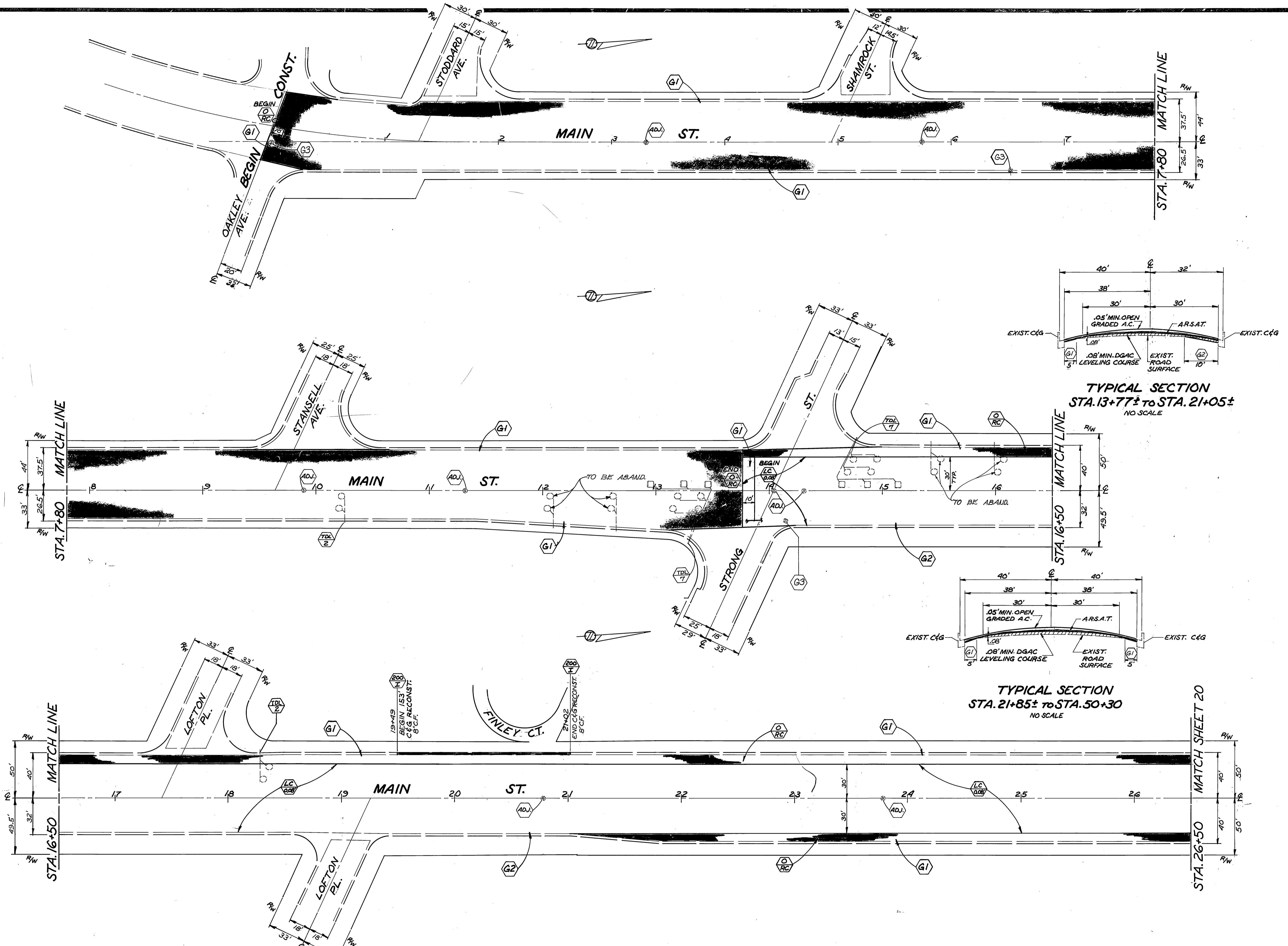




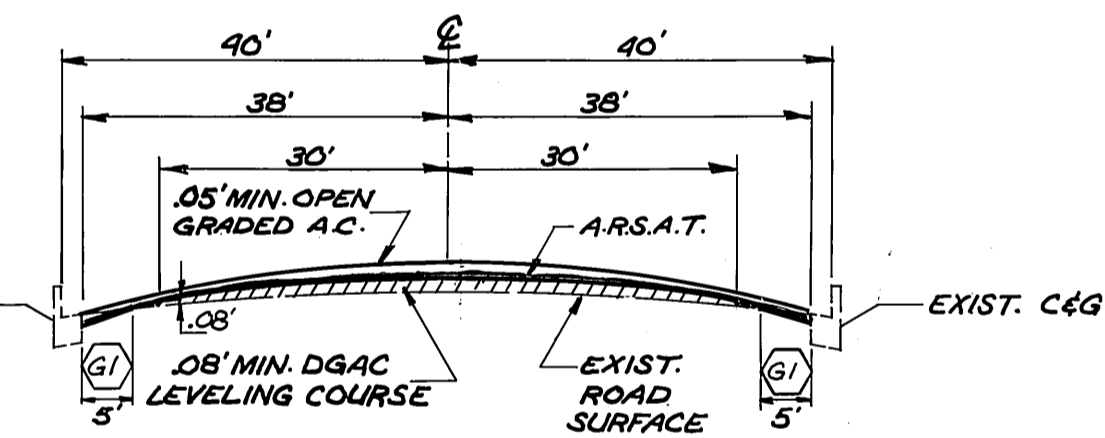
<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		* AS BUILT 6/24/85 RDM <b>REHABILITATION OF MAJOR CITY STREETS 1985</b>		INDEX W/
APPROVED BY _____ DATE _____ BY _____ PRINCIPAL ENGINEER		APPROVED BY <i>William D. Gardner</i> PUBLIC WORKS DIRECTOR		ACCOUNT NO. 30-578-286-07
MARK _____ REVISIONS _____ APPR. DATE _____ DESIGNED BY JH _____ DRAWN BY _____ CHECKED BY RDM		TRAFFIC DIVISION _____ DATE 6-17-85		<b>R-2630</b> SHEET 17 OF 25
		HORIZ. SCALE: 1" = 40'    VERT. SCALE: 1" =		



		<b>CITY OF RIVERSIDE</b>		* AS BUILT 6/6/86 RDM		INDEX WF	
		PUBLIC WORKS DEPARTMENT		REHABILITATION OF MAJOR CITY STREETS 1985		ACCOUNT NO. 30-879-286-07	
		APPROVED BY		APPROVED BY		<b>LA SIERRA AVENUE</b> ARLINGTON TO GRAMERCY	
		PRINCIPAL ENGINEER		PUBLIC WORKS DIRECTOR			
		DATE 6/17/85		DATE 6-17-85			
		TRAFFIC DIVISION		CHIEF P. W. ENGINEER		R-2630 SHEET 18 OF 25	
		DATE 6/17		DATE 6/17			
DESIGNED BY JH		DRAWN BY JH		CHECKED BY JEM		HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" =	



TYPICAL SECTION  
STA. 13+77.5 TO STA. 21+05.5  
NO SCALE



TYPICAL SECTION  
STA. 21+85.5 TO STA. 50+30  
NO SCALE

**QUANTITIES FOR MAIN ST.**

ITEM	CITY	COUNTY	TOTAL	ITEM	CITY	COUNTY	TOTAL
A.C. GRINDING - I	12,081 L.F.	3936 L.F.	16,017 L.F.	ADJ. SEWER M.H. FRAME & COVER TO GRADE	22 EA.	0 EA.	22 EA.
A.C. GRINDING - II	725 S.Y.	0	725 S.Y.	ADJ. STORM DRAIN M.H. FRAME & COVER TO GRADE	3 EA.	0 EA.	3 EA.
DENSE GRADED A.C.	1,315 TONS	0	1,315 TONS	ADJ. WATER GATE VALVE COVER TO GRADE	29 EA.	9 EA.	38 EA.
ASPHALT RUBBER S.A.T.	50,370 S.Y.	17,931 S.Y.	68,301 S.Y.	C&G RECONST.	163 L.F.	0 L.F.	163 L.F.
OPEN GRADED A.C.	2720 TONS	968 TONS	3688 TONS				
TRAFFIC SIGNAL LOOPS	40 EA.	0 EA.	40 EA.				
BLUE HYDRANT MARKERS	12 EA.	4 EA.	16 EA.				

⊕ ESTIMATED. ACTUAL R&P OF PAVT. TO BE DETERMINED BY INSPECTOR AT TIME OF CONST.

**PAVEMENT PREPARATION ⊕**

ITEM	QTY.
AC REMOVAL	806 CY
AC REPLACEMENT (DGAC)	1904 TONS

INDEX UP

ACCOUNT NO. 30-575-286-07

R-2630

SHEET 19 OF 25

DATE 6-17-85

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

AS BUILT 6/30/86 RMM

**CITY OF RIVERSIDE**  
PUBLIC WORKS DEPARTMENT

APPROVED BY: *William D. Hardaway*  
DATE: 6/17/85  
BY: *[Signature]*

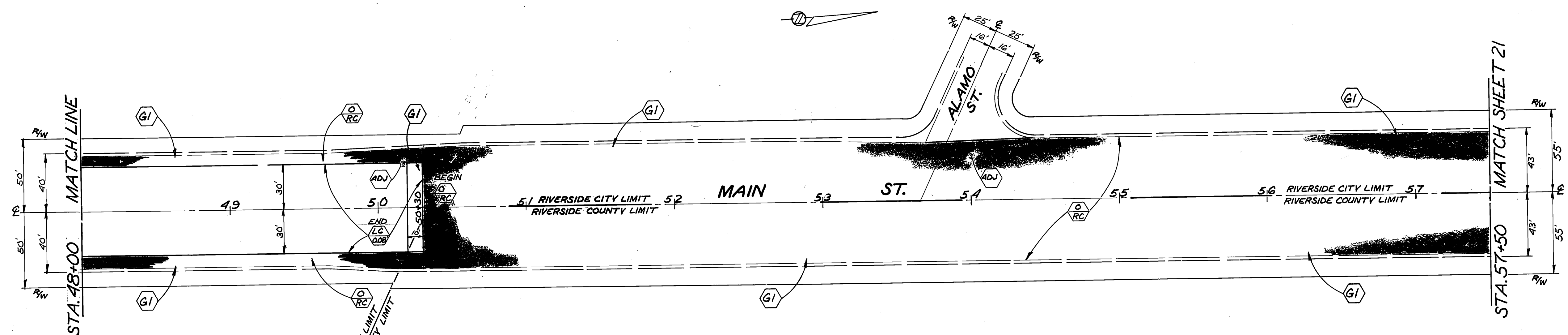
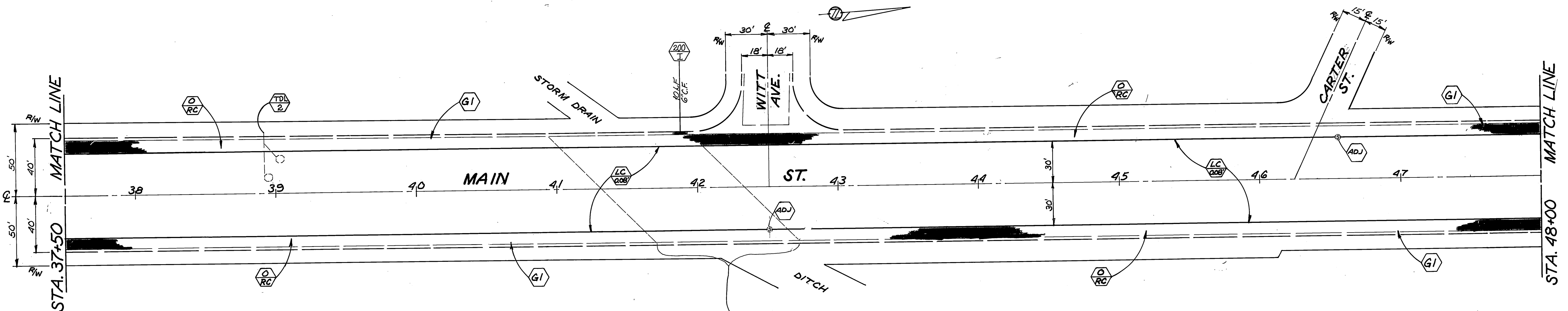
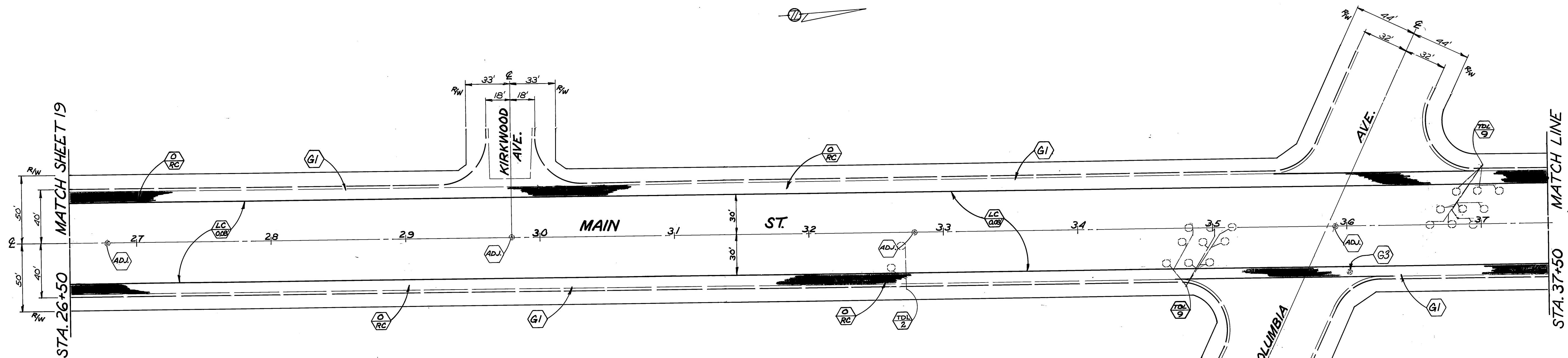
PRINCIPAL ENGINEER  
TRAFFIC DIVISION  
CHIEF P.W. ENGINEER

REVISIONS: \_\_\_\_\_  
APPR. DATE: \_\_\_\_\_

DESIGNED BY: J.H. \_\_\_\_\_  
DRAWN BY: R.V. \_\_\_\_\_  
CHECKED BY: R.P.M. \_\_\_\_\_

**REHABILITATION OF MAJOR CITY STREETS 1985**

**MAIN STREET**  
FREEWAY TO CITY LIMITS

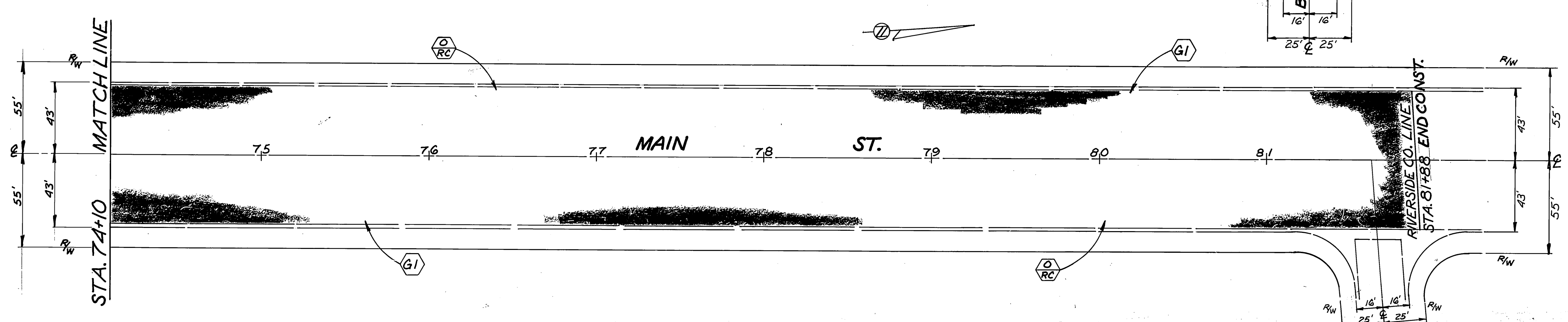
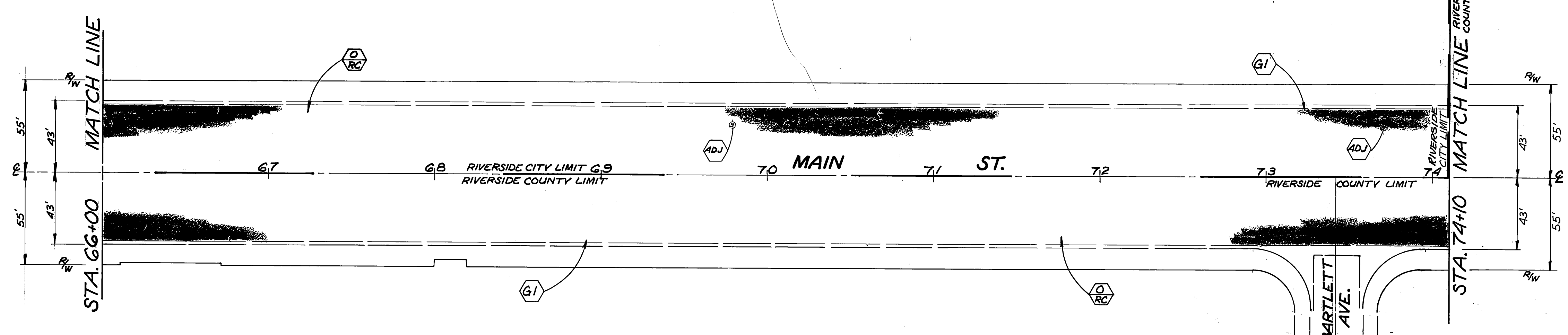
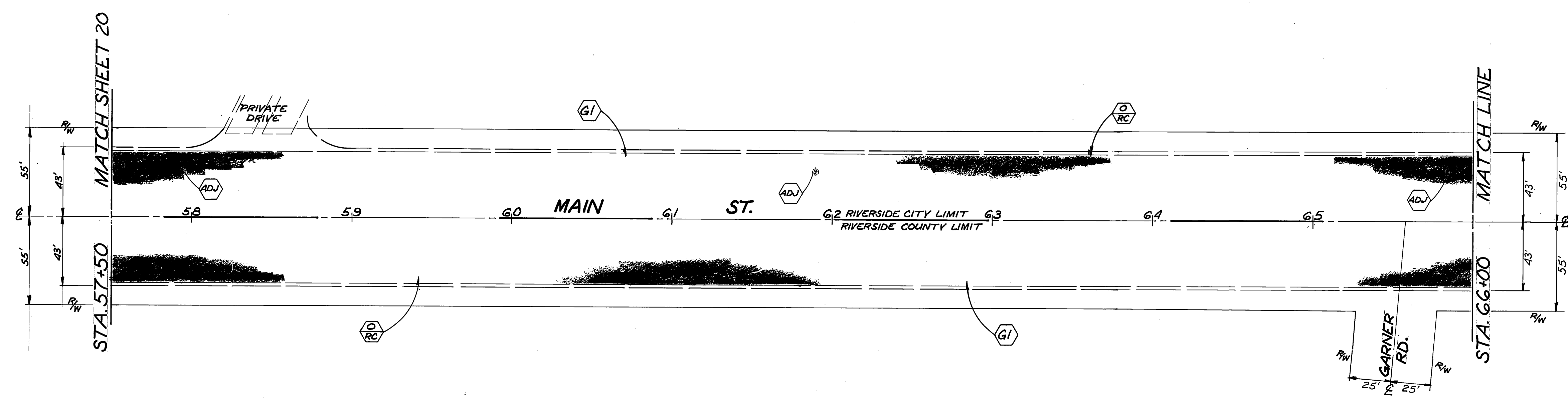


NOTE: SIGNIFICANT PAVEMENT FAILURE IN THIS AREA. REMOVE & REPLACE AS DIRECTED BY INSPECTOR.

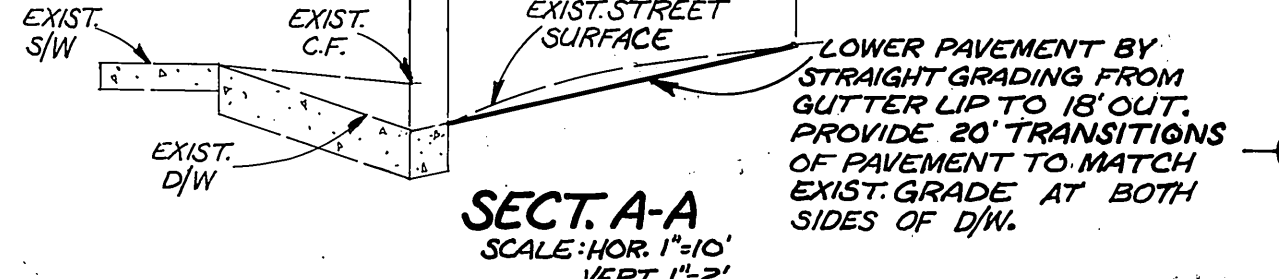
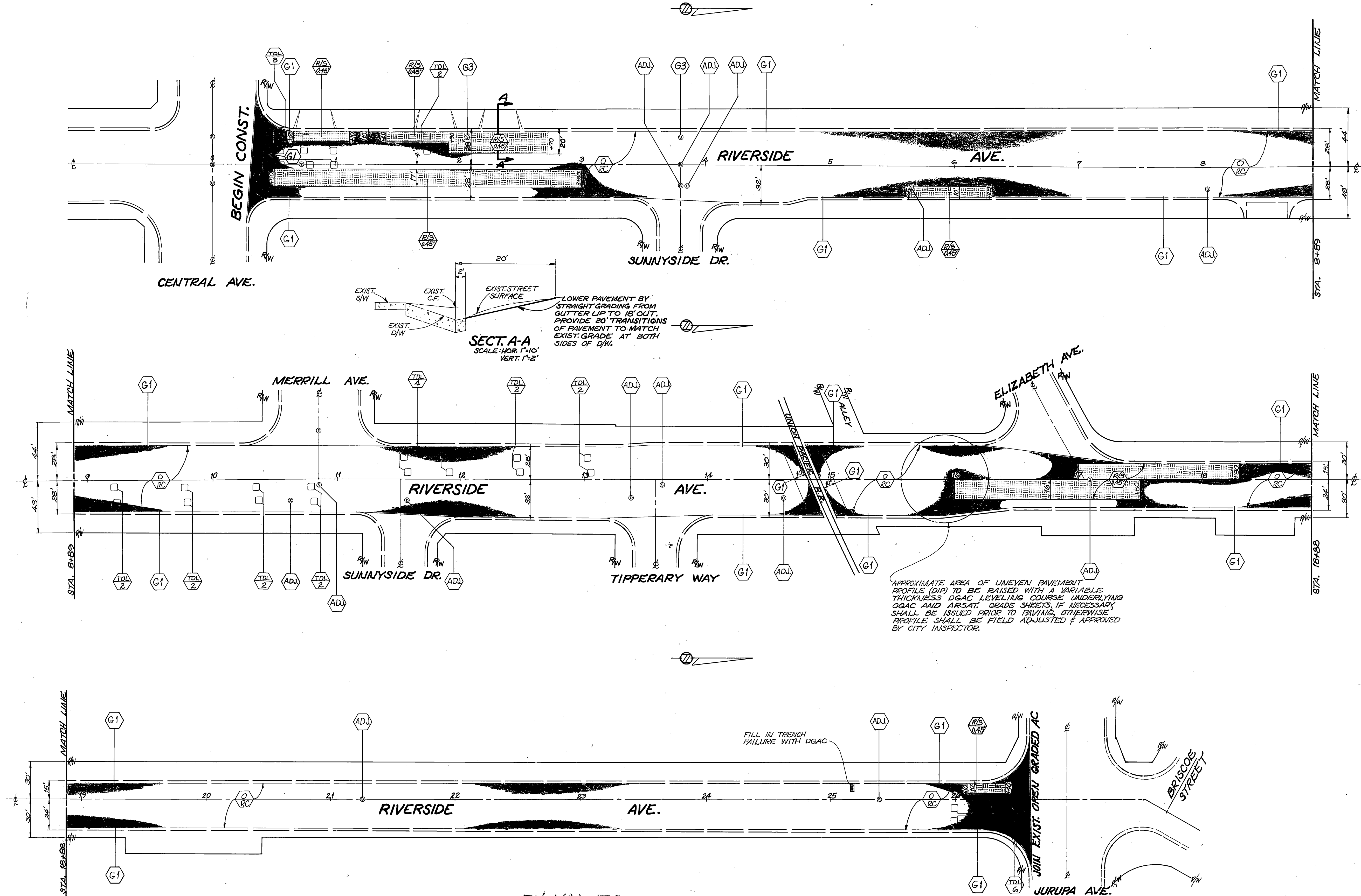
RIVERSIDE CITY LIMIT  
RIVERSIDE COUNTY LIMIT

<b>CITY OF RIVERSIDE</b> <b>PUBLIC WORKS DEPARTMENT</b>		<b>REHABILITATION OF MAJOR CITY STREETS 1985</b> <b>MAIN STREET</b> <b>FREEWAY TO CITY LIMITS</b>		INDEX W/P ACCOUNT NO. 30-875-28C-07 <b>R-2630</b> SHEET 20 OF 25
APPROVED BY PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION CHIEF P. W. ENGINEER	DATE 5/17/85 6/17/85	APPROVED BY PUBLIC WORKS DIRECTOR William D. Gardner	DATE 6-17-85	HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" =
DESIGNED BY: JHL DRAWN BY: RVZ CHECKED BY:				

AS BUILT 6/13/84 2001



<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		AS BUILT 6/16/84 <b>REHABILITATION OF MAJOR CITY STREETS 1985</b>		INDEX UP ACCOUNT NO. 30-875-286-07
APPROVED BY: <i>[Signature]</i> DATE: 6/17/85 PRINCIPAL ENGINEER: <i>[Signature]</i> PARK DEPARTMENT: <i>[Signature]</i> TRAFFIC DIVISION: <i>[Signature]</i> CHIEF P. W. ENGINEER: <i>[Signature]</i>		APPROVED BY: <i>[Signature]</i> PUBLIC WORKS DIRECTOR: <i>[Signature]</i>		<b>R-2630</b> SHEET 21 OF 25
DESIGNED BY: JH DRAWN BY: RVZ CHECKED BY:		DATE: 6-17-85 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" =		



APPROXIMATE AREA OF UNEVEN PAVEMENT PROFILE (DIP) TO BE RAISED WITH A VARIABLE THICKNESS DGAC LEVELING COURSE UNDERLYING OGAC AND ARSAT. GRADE SHEETS, IF NECESSARY, SHALL BE ISSUED PRIOR TO PAVING, OTHERWISE PROFILE SHALL BE FIELD ADJUSTED & APPROVED BY CITY INSPECTOR.

2 FH VALVES

QUANTITIES FOR RIVERSIDE AVENUE			
ITEM	QUANTITY	ITEM	QUANTITY
OPEN GRADED A.C.	736 TONS	TRAFFIC SIGNAL LOOPS	32 EA.
DENSE GRADED A.C.	398 TONS	REMOVE TRAFFIC SIGNAL PADS	0
ASPHALT RUBBER SAT	13,625 SY	BLUE FIRE HYDRANT MARKERS	3 EA.
A.C. PVMT. GRINDING, TYPE I	5,089 LE	ADJUST WATER M.H.	1 EA.
EXCAVATION, A.C. & BASE	162 CY	FRAME & COVER TO GRADE	1 EA.
D/W APPROACH PER STD. 302 II	0		
ADJUST SWR & S.D. M.H. FRAME & COVER TO GRADE	16 EA.	PAVEMENT PREPARATION	
ADJUST WATER GATE VALVE COVER TO GRADE	14 EA.	AC REMOVAL	777 CY
CRUSHED AGGREGATE BASE	378 CY	AC REPLACEMENT (OGAC)	192 TONS

ESTIMATED. ACTUAL P.A.P. OF PAVEMENT TO BE DETERMINED BY INSPECTOR AT TIME OF CONSTRUCTION.

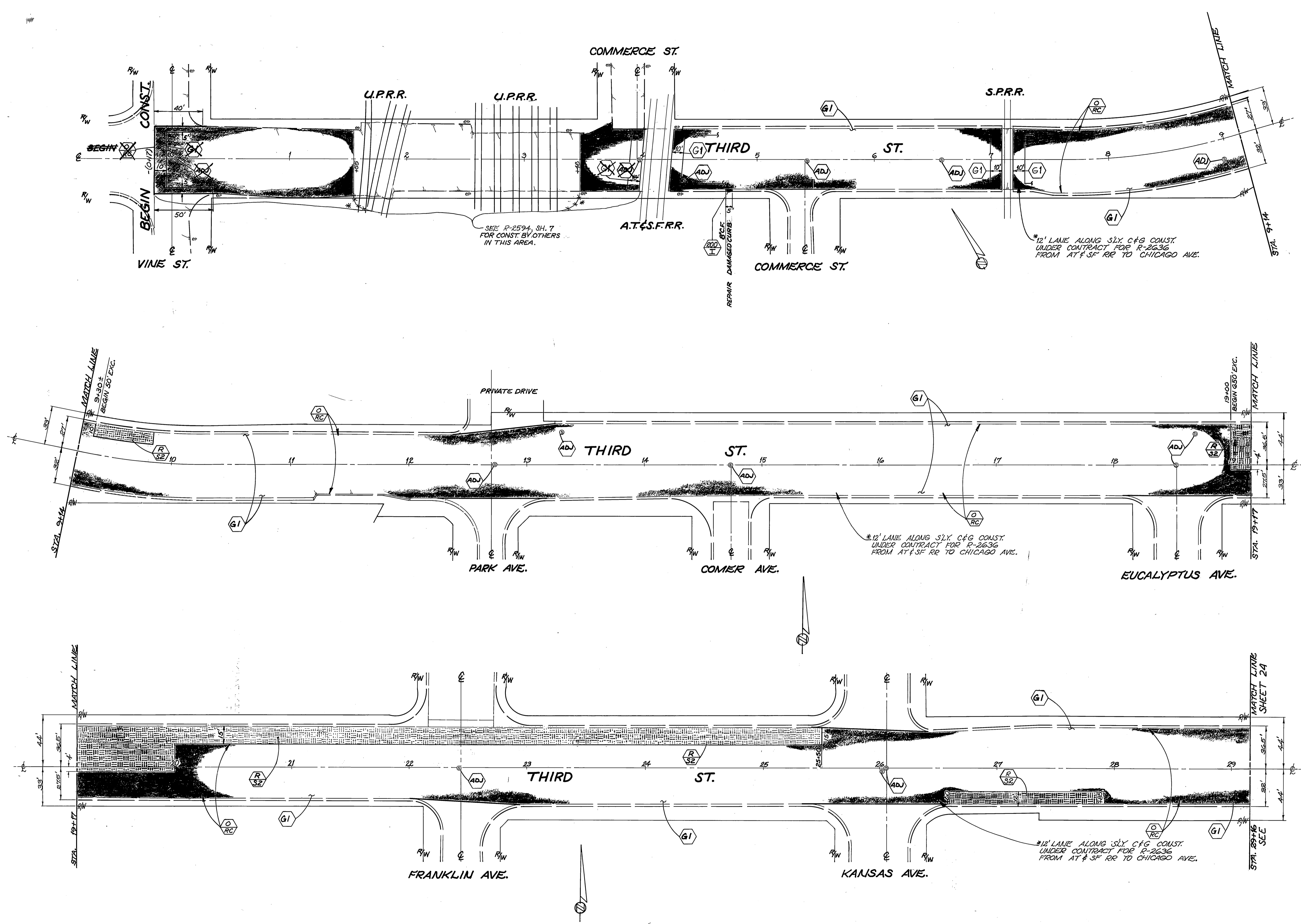
**CITY OF RIVERSIDE**  
PUBLIC WORKS DEPARTMENT

APPROVED BY: *William D. Dardner*  
DATE: 6-17-85  
PRINCIPAL ENGINEER  
TRAFFIC DIVISION  
CHIEF P.W. ENGINEER

REHABILITATION OF MAJOR CITY STREETS 1985  
RIVERSIDE AVENUE CENTRAL TO JURUPA

ACCOUNT NO. 30-5715-226-07  
INDEX: W  
R-2630  
SHEET 22 OF 25

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



**QUANTITIES FOR THIRD ST.\***

ITEM	QTY.	ITEM	QTY.
<b>PAVEMENT PREPARATION</b>			
A.C. GRINDING	12,046 L.F.	ADJUST WATER GATE VALVE COVER TO GRADE	37 EA.
ASPHALT-RUBBER S.A.T.	45,373 S.Y.	ADJUST SEWER MH. FRAME & COVER TO GRADE	25 EA.
OPEN GRADED A.C.	245 TONS	ADJUST STORM DRAIN M.H. FRAME & COVER TO GRADE	4 EA.
TRAFFIC SIGNAL LOOPS	26 EA.	DENSE GRADED A.C.	1,514 TONS
BLUE HYDRANT MARKERS	13 EA.		
EXCAVATION	2,670 C.Y.		
CRUSHED AGGR. BASE	1,780 C.Y.		
REMOVE & REPLACE C&G	128 L.F.		

\*QUANTITIES DO NOT REFLECT AS BUILT CONST.  
 †ESTIMATED. ACTUAL R/R OF PAVT. TO BE DETERMINED BY INSPECTOR AT TIME OF CONSTRUCTION.

**CITY OF RIVERSIDE**  
 PUBLIC WORKS DEPARTMENT

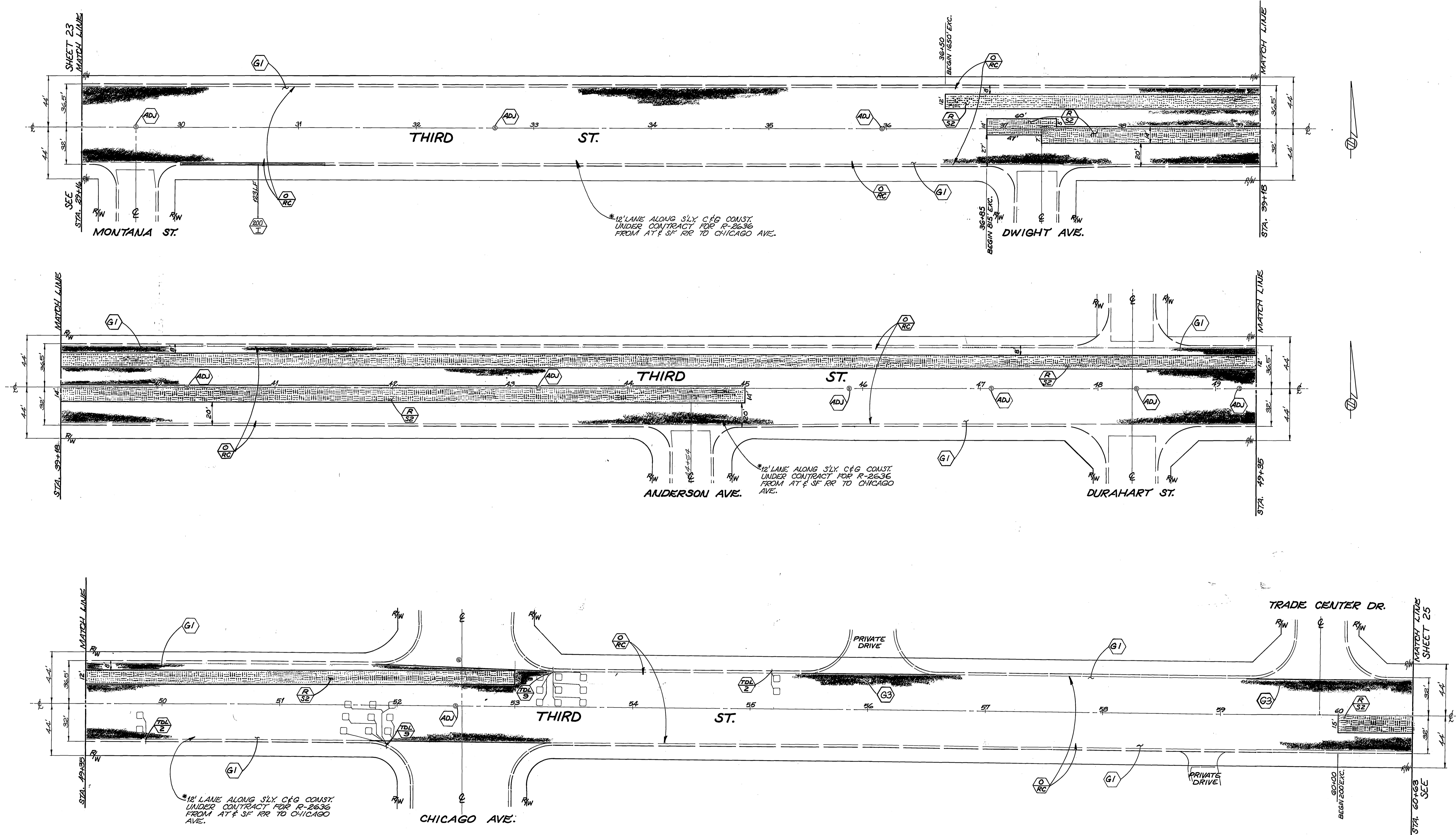
APPROVED BY: [Signature]  
 DATE: 6/17/85  
 CHIEF P.W. ENGINEER

**REHABILITATION OF MAJOR CITY STREETS 1985**

**THIRD STREET**  
 VINE TO ESCONDIDO FREEWAY

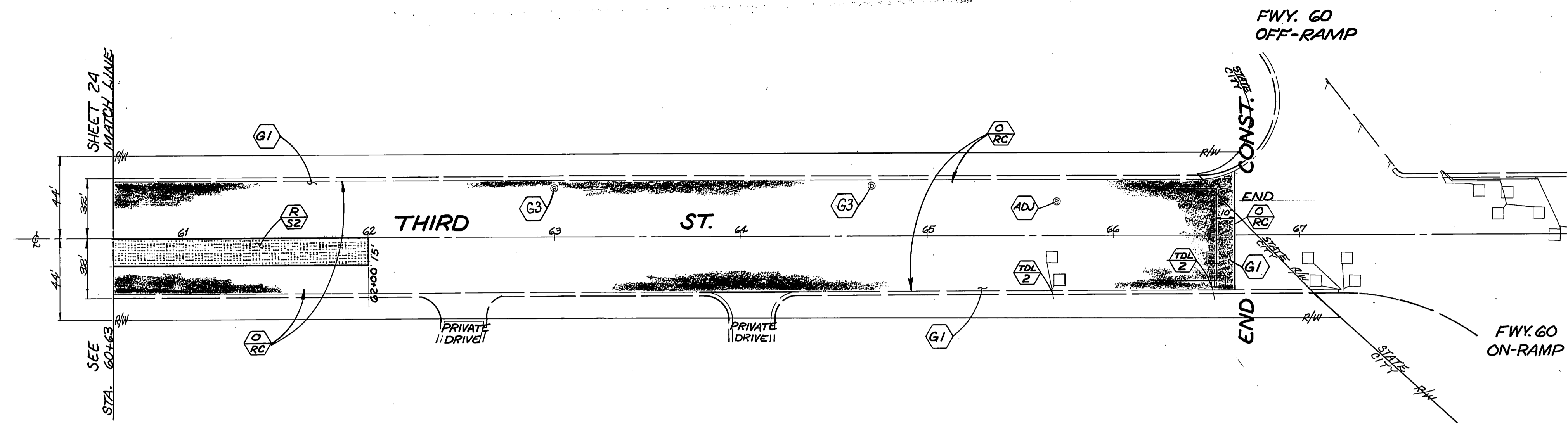
HORIZ. SCALE: 1" = 40'  
 VERT. SCALE: 1" =

INDEX UP  
 ACCOUNT NO. 30-575-286-07  
**R-2630**  
 SHEET 23 OF 25



<b>CITY OF RIVERSIDE</b> PUBLIC WORKS DEPARTMENT		REHABILITATION OF MAJOR CITY STREETS 1985		ACCOUNT NO. 30-575-282-07	
		THIRD STREET VINE TO ESCONDIDO FREEWAY		R-2630 SHEET 24 OF 25	
APPROVED BY PRINCIPAL ENGINEER <i>[Signature]</i>	DATE 4/17/85	APPROVED BY PUBLIC WORKS DIRECTOR William D. Gardner	DATE 6-17-85	HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'	INDEX W/F
MARK DESIGNED BY J.H.	REVISIONS DRAWN BY R.V.Z.	APPR. DATE CHECKED BY R.M.	CHIEF P.W. ENGINEER	*AS BUILT 6/19/86 RDM	





		<b>CITY OF RIVERSIDE</b>		REHABILITATION OF MAJOR CITY STREETS 1985		INDEX UP	
		PUBLIC WORKS DEPARTMENT		THIRD STREET		ACCOUNT NO. 30-578-256-07	
		VINE TO ESCONDIDO FREEWAY		R-2630		SHEET 25 OF 25	
		DATE 6-17-85		HORIZ. SCALE: 1" = 40'		VERT. SCALE: 1" =	
DESIGNED BY JH DRAWN BY RIZ CHECKED BY RIZ		APPROVED BY PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION CHIEF P. W. ENGINEER		APPROVED BY William B. Gardner PUBLIC WORKS DIRECTOR			
MARK REVISIONS APPR. DATE		DATE BY DATE BY					