

RIVERSIDE



CALIFORNIA

PUBLIC WORKS DEPARTMENT

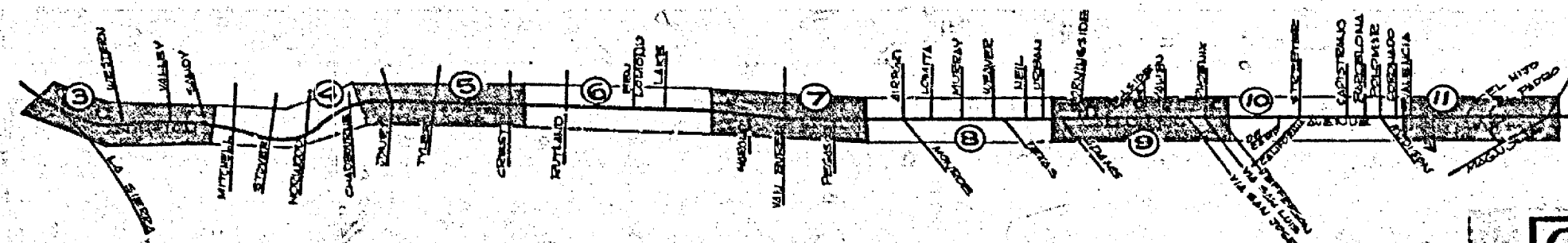
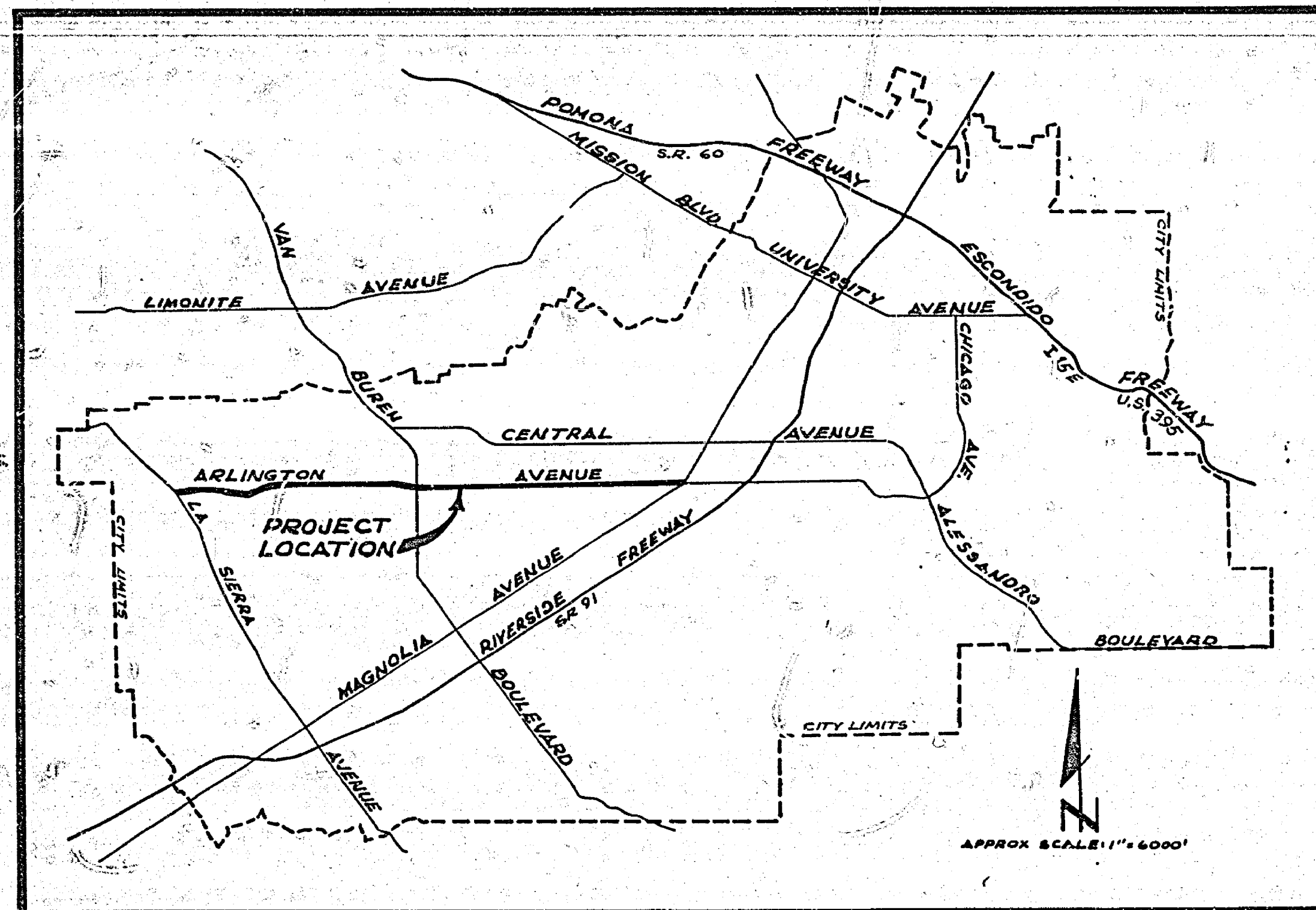
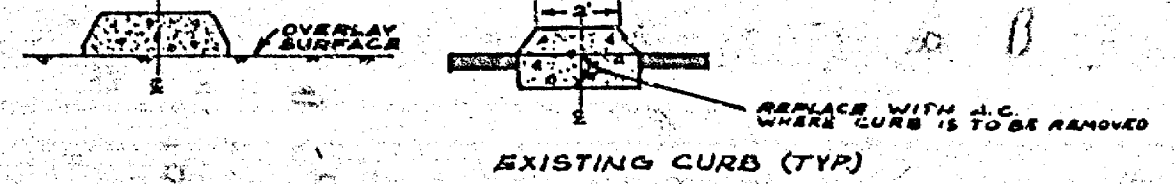
ARLINGTON AVENUE
LEVELING COURSE

LA SIERRA AVENUE TO MAGNOLIA AVENUE
F.A.U. M - 6005 (003)

PROJECT LENGTH: 6.4 MILES

SPECIAL CONSTRUCTION NOTES

- (D) REMOVE EXISTING DETECTOR AND FOUNDATION AND PLACE A.C. AS PER A.C. REMOVAL DETAIL ON SHEET 2. REMOVE EXISTING PAVEMENT AND REPLACE WITH A.C. PER DETAIL ON SHEET 2. (SEE NOTE 7).
- (M) ADJUST ALL SIDWALKS AND STORM DRAIN MANHOLES TO FINISHED GRADE.
- (200) CONSTRUCT CURB AND GUTTER PER STANDARD DRAWING 200, TYPE AS SHOWN ON PLANS. REPLACEMENT CURB SHALL BE SIMILAR TO EXISTING UNLESS SHOWN OTHERWISE.
- (250) CONSTRUCT ASPHALT CONCRETE BERM PER STANDARD DRAWING 250, TYPE AS SHOWN ON PLANS, WITH DEPRESSION TO 0.05' AT DRIVEWAYS.
- (NLT) CONSTRUCT INLET PER STATE STANDARD DRAWING, SD-75-10, TYPE 6CP.
- (C) INSTALL TEXTURED CONCRETE PAVEMENT ON ALL PORTIONS OF MEDIAN BETWEEN 3' AND 7' IN WIDTH. COLOR AND PATTERN TO BE APPROVED BY THE ENGINEER. SEE SPECIAL PROVISIONS. MONOLITHIC CONCRETE WHERE MEDIAN IS LESS THAN 3' WIDE.
- (220) CONSTRUCT CROSS GUTTER PER STANDARD DRAWING 220, "W" DIMENSION SHOWN ON PLANS.
- (X) INSTALL 1/2" OVERLAY OVER NON-WOVEN FOLY PROPYLENE REINFORCING FABRIC. SEE SPECIAL PROVISIONS.
- (125) CONSTRUCT REVERSE TAPER PER STANDARD DRAWING 122.
- (123) CONSTRUCT PARABOLIC FLARE PER STANDARD DRAWING 123.
- (61/61 III) INSTALL TRAFFIC LOOP DETECTORS PER DRAWING NUMBER X-501 AS ATTACHED.
- (H) INSTALL 1/2" OVERLAY OVER RUBBERIZED ASPHALT. SEE SPECIAL PROVISIONS.



SHEET NUMBER DIAGRAM
SHEET 2 CONTAINS SECTIONS AND DETAILS

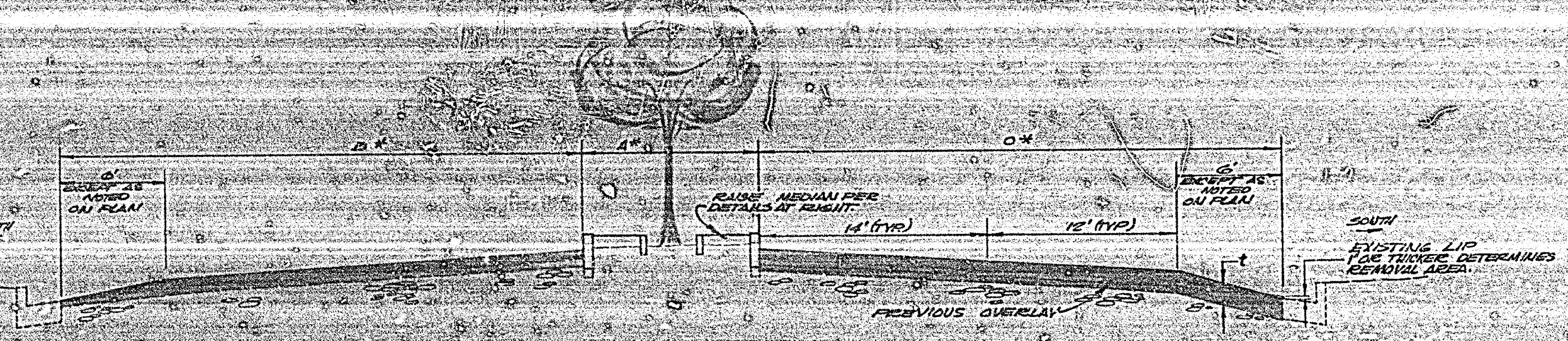
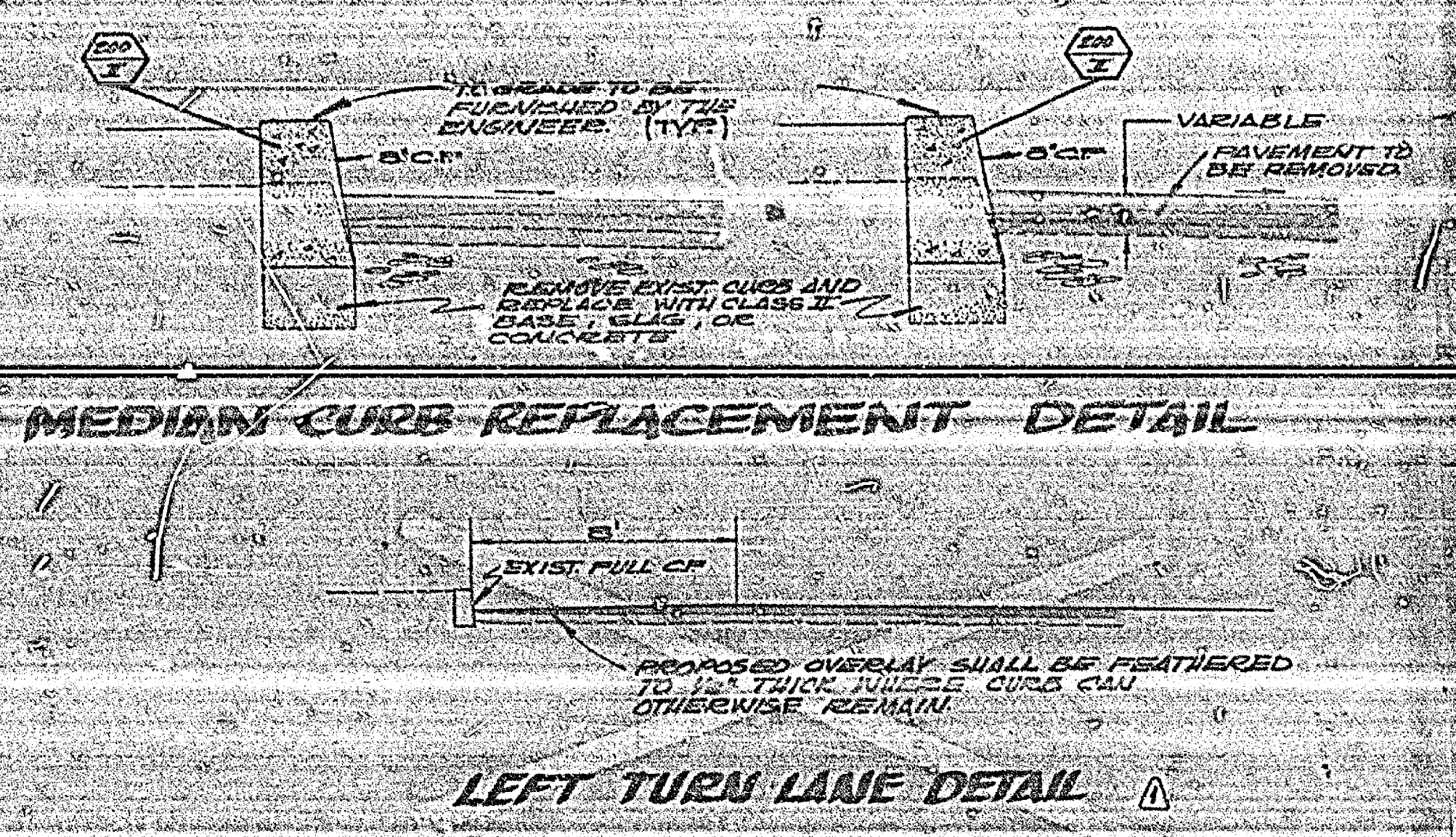
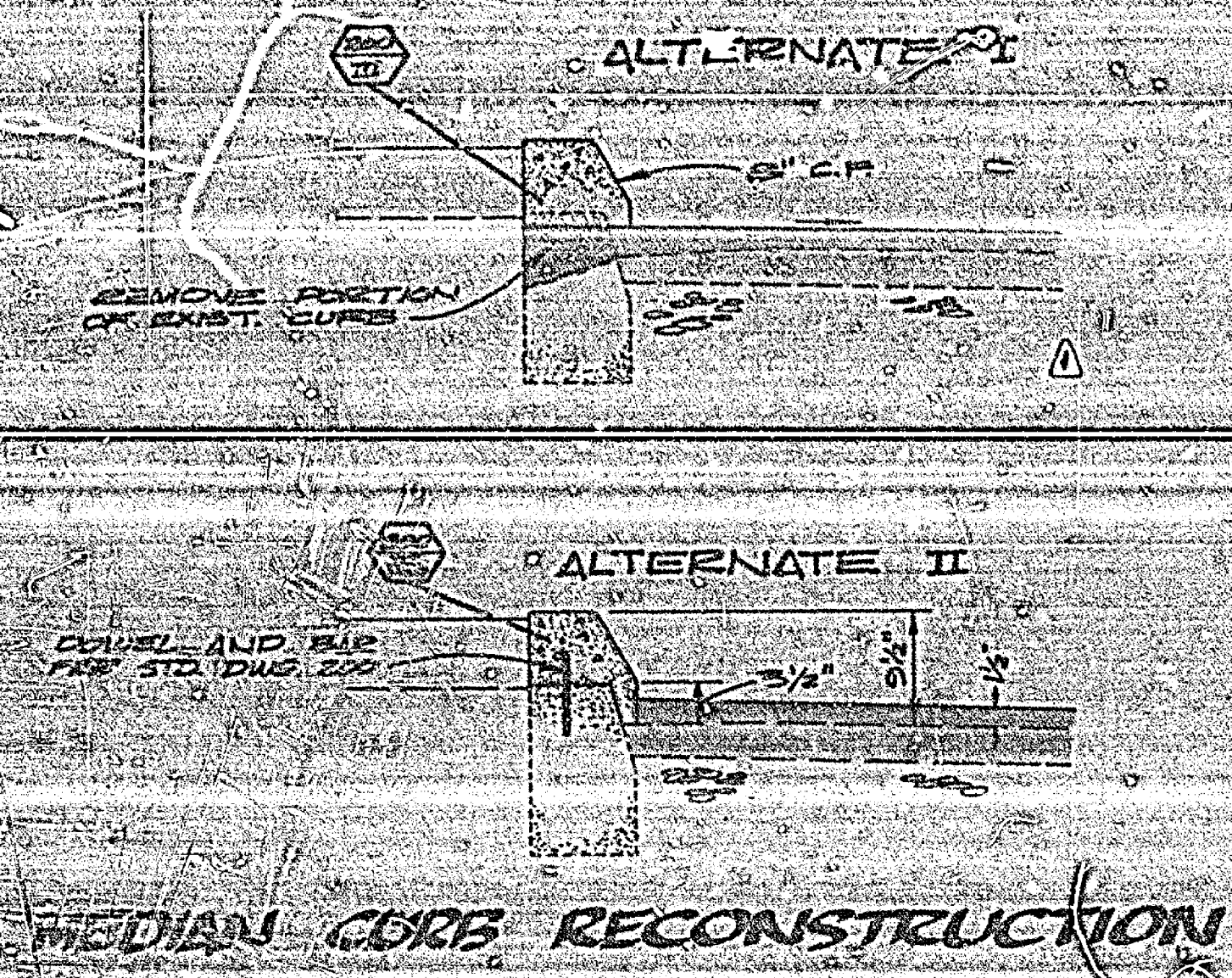
GENERAL CONSTRUCTION NOTES

1. CONSTRUCTION SHALL CONFORM TO CALIFORNIA STANDARD SPECIFICATIONS DATED JANUARY, 1973 AND SPECIAL PROVISIONS.
2. THE DESIGN TRAFFIC INDEX (T.I.) IS SHOWN ON EACH PLAN.
3. FOR INFORMATION; STRIP MAPS MATCH AT END OF EACH PHOTO. PLANS READ FROM TOP TO BOTTOM AND LEFT TO RIGHT PROCEEDING EASTBOUND ALONG ARLINGTON AVENUE.
4. THICKNESS OF OVERLAY SHALL BE 1 1/2" MINIMUM EXCEPT AS NOTED.
5. WHERE A SIDE STREET DOES NOT HAVE A CROSS GUTTER, THE OVERLAY SHALL BE FEATHERED OUT AS FAR AS NECESSARY TO PROVIDE A SMOOTH APPROACH.
6. FOG SEAL COAT IS REQUIRED OVER ALL ADJACENT OLD PAVEMENT (WHERE SHOWN ON PLAN).
7. LIMITS OF REMOVAL AREAS ARE APPROXIMATE, AND SMALL AREAS ARE NOT SHOWN. ACTUAL LIMITS WILL BE MARKED IN THE FIELD.

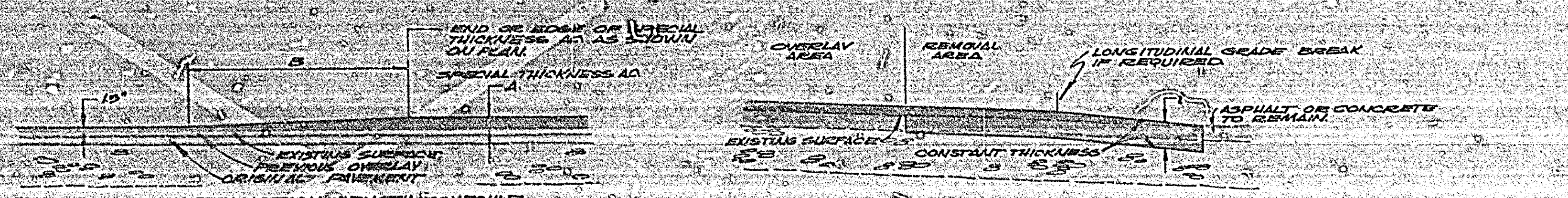
CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT		Arlington Avenue Leveling Course La Sierra Ave. to Magnolia Ave		ACCOUNT NO. R-1748
APPROVED BY PRINCIPAL ENGINEER DATE DEPARTMENT TRAFFIC DIVISION SHEEP W. ENGINEER	APPROVED BY PUBLIC WORKS DIRECTOR DATE 5-1-74	SHEET 1 OF 16 FILE NO.		

EXISTING CONDITIONS ON TYPICAL SECTION

APPROXIMATE LIMITS	A (MEDIAN)	B (WEST BOUND)	C (EAST BOUND)	SHOULDER (INCLUDED)	ASPH
LA BIEGA	18' MED	34'	34' 0" 1/8"	YES	YES
WESTERN	18' MED	34'	34'	YES	YES
RUTLAND	18' MED	34'	34'	NO	YES
HAZEL	18' MED	34'	34' 0" 1/8"	YES	YES
PESASUS	18' MED	34'	34'	NO	NO
MONROE	18' MED	34'	34'	ASPH ONLY	ASPH ONLY
NEVE	18' MED	34'	34'	NO	ASPH (PARALLEL)
ADAMS	18' MED	34'	34'	SOUTH ONLY	SOUTH ONLY
MORNING STAR	18' MED	34'	34'	NORTH ONLY	NORTH ONLY
VIA SAN JUAN	18' MED	34'	34'	SOUTH ONLY	SOUTH ONLY
JEFFERSON	18' MED	34'	34'	ASPH ONLY	YES
DE CAMP	18' MED	34'	34'	YES	NO
STREETER	18' MED	34'	34'	YES	YES
EL RAY	18' MED	34'	34'	YES	YES
EL FALDO	18' MED	34'	34'	YES	YES
MADONIA	18' MED	34'	34'	YES	YES



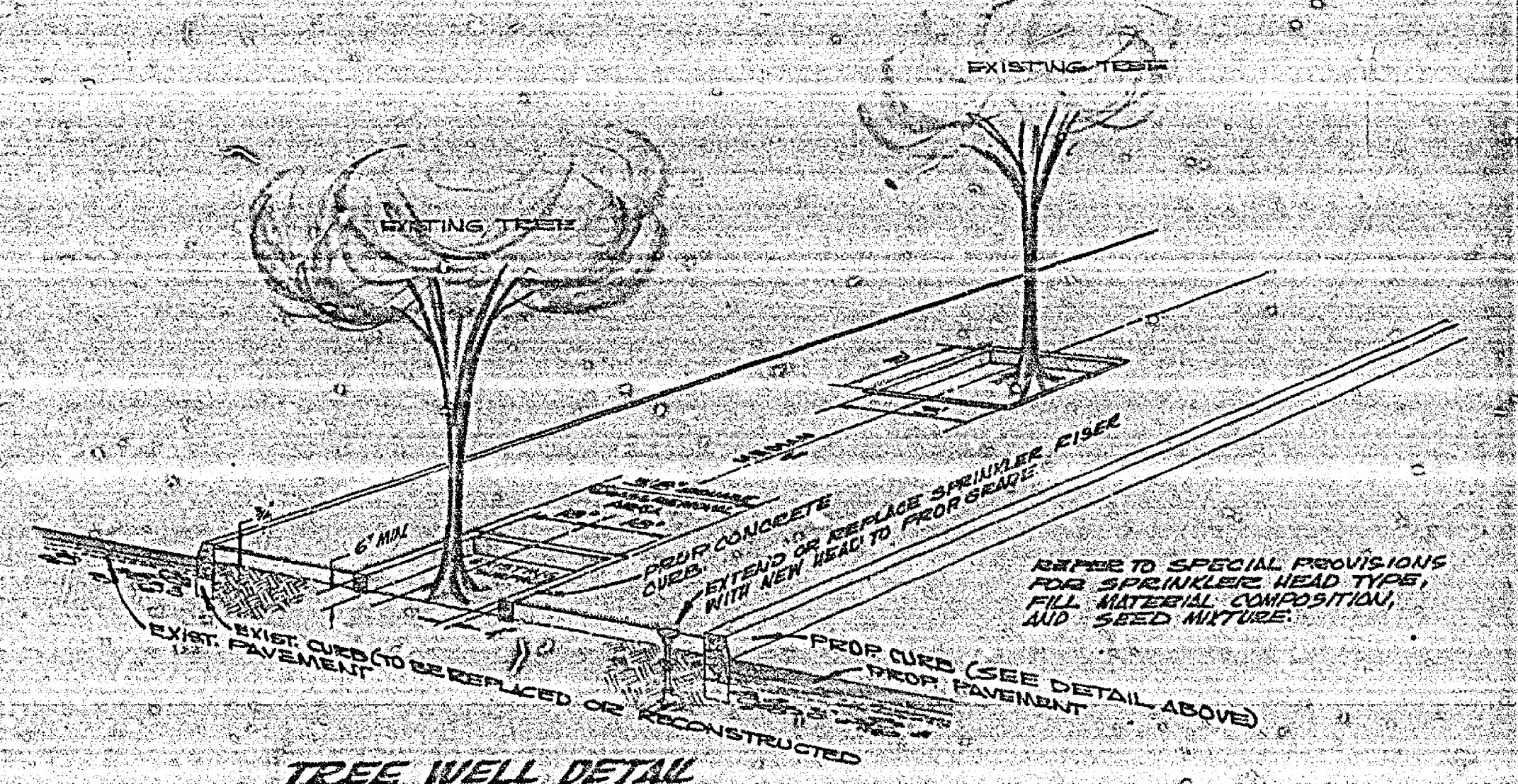
TYPICAL SECTIONS
 SCALES: 1" = 1'-0"
 1" = 1'-0"



PAVEMENT REMOVAL AREA
 DETAIL

THICKNESS TRANSITION DETAIL

TRANSITION LENGTH	SCHEDULE
A	B
1'	1/15'
2'	2/10'
3'	3/5'

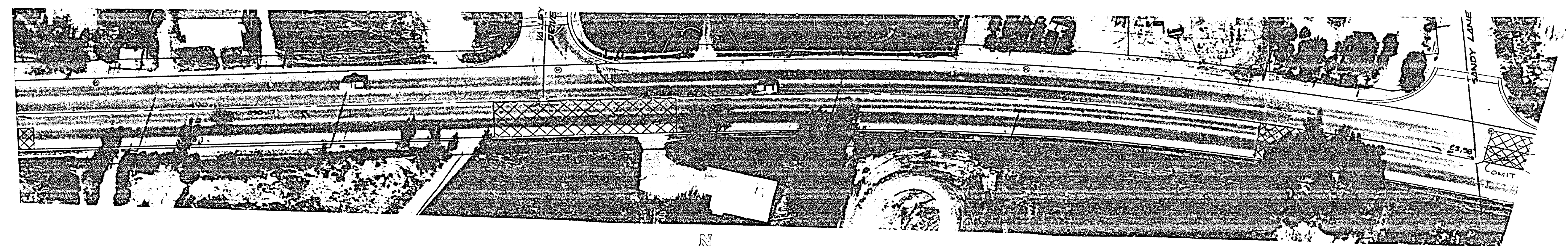
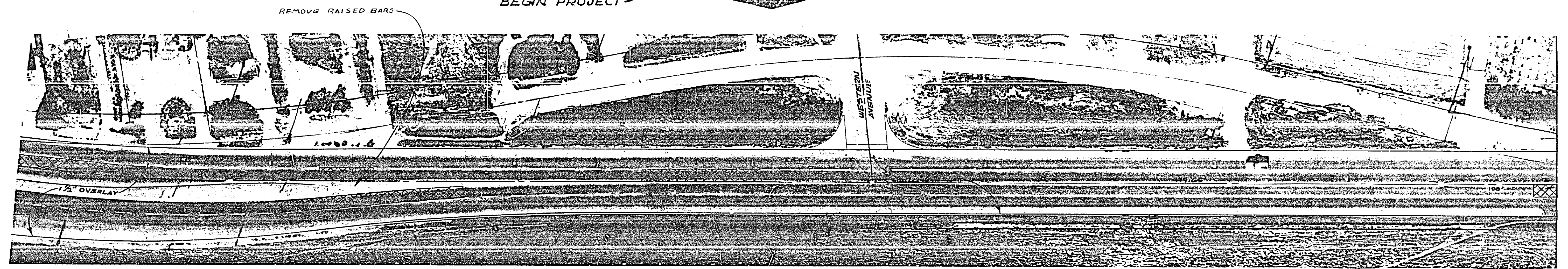
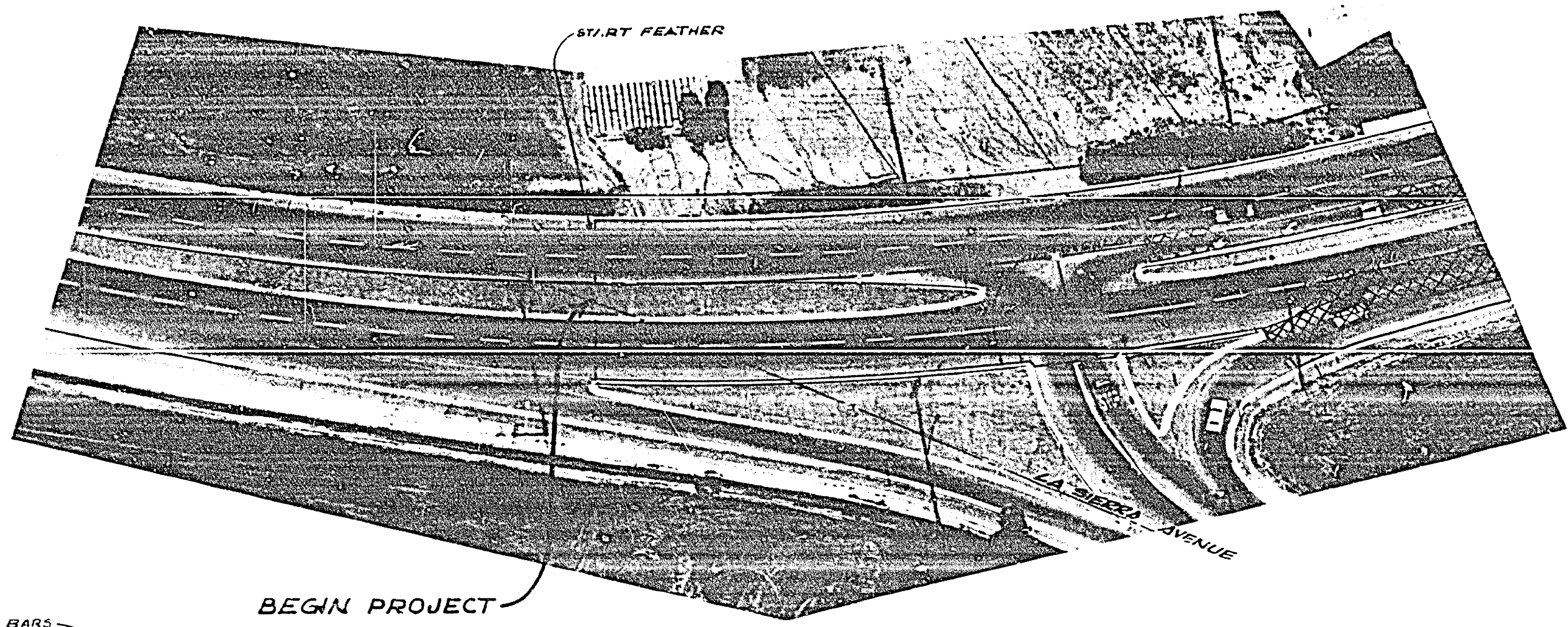


TREE WELL DETAIL
 TYPICAL SECTION
 BETWEEN AMANOLIA AND VALENCIA
 NOT TO SCALE

A ADDED ISLAND DEPARTMENT ALTERNATES DESIGNED BY: [Signature] DRAWN BY: [Signature] CHECKED BY: [Signature]	CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT APPROVED BY: [Signature] PRINCIPAL ENGINEER PARK DEPARTMENT DATE: 5-1-74	APPROVED BY: [Signature] DIRECTOR OF PUBLIC WORKS DATE: 5-1-74	ACCOUNT NO. DRAWING NUMBER R-1748 SHEET 2 OF 16
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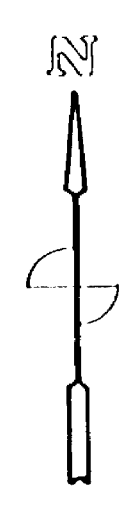
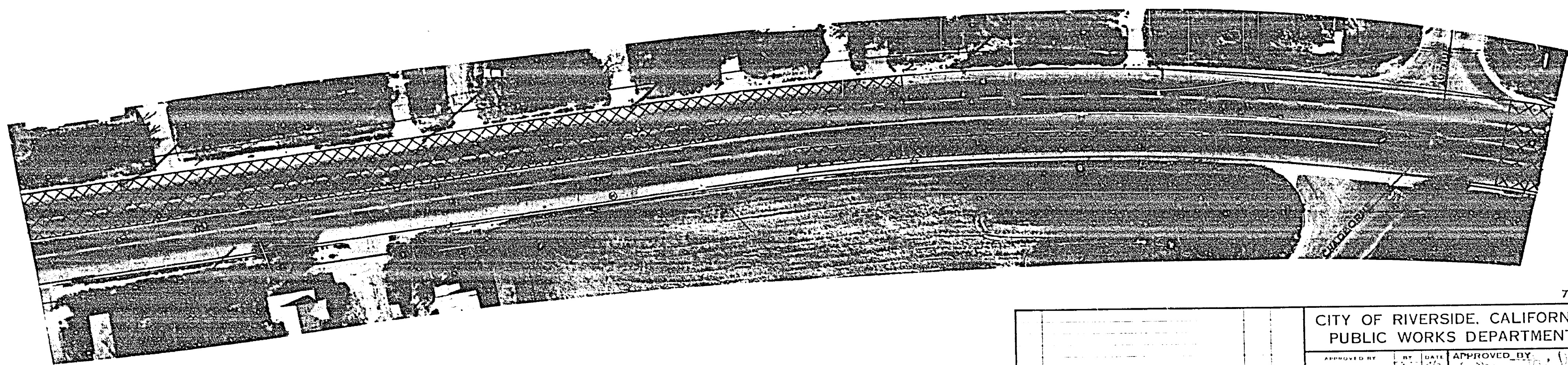
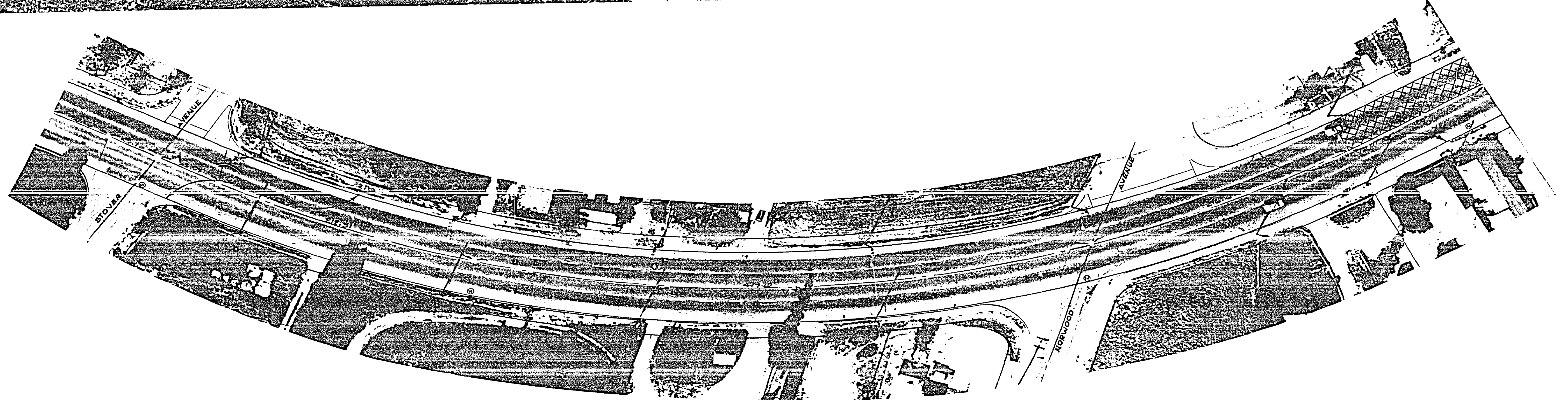
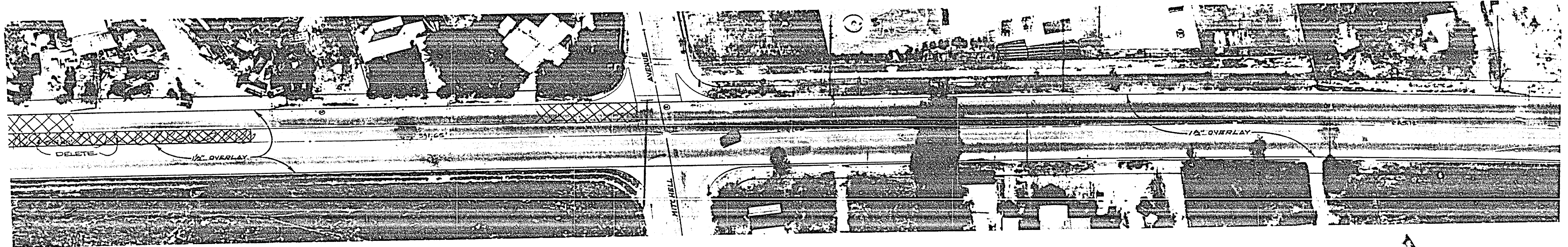
SCALE: 1" = 40' SECTIONS AND DETAILS

22"
17"
11"
8.5"
8.5"
11"
17"
22"



REVISIONS DESIGNED BY <i>RJS</i> DRAWN BY <i>ARW</i> CHECKED BY <i>SCB</i>		APPROVED BY PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION DATE	APPROVED BY DIRECTOR OF PUBLIC WORKS DATE	T1-80 Arlington Avenue Leveling Course SCALE 1" = 40' LA SIERRA to SANDY	DRAWING NUMBER R-1748 SHEET 3 OF 1
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FAU M-6005 (003)



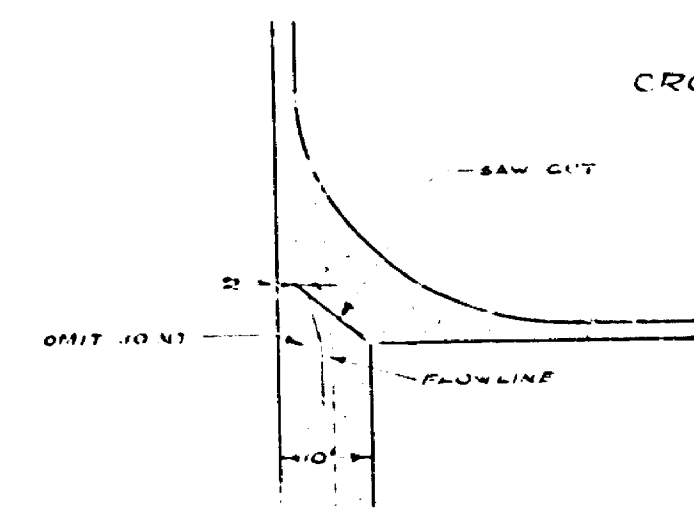
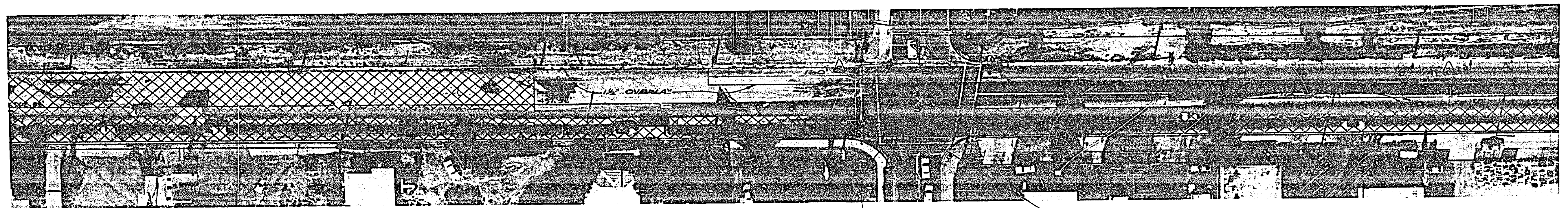
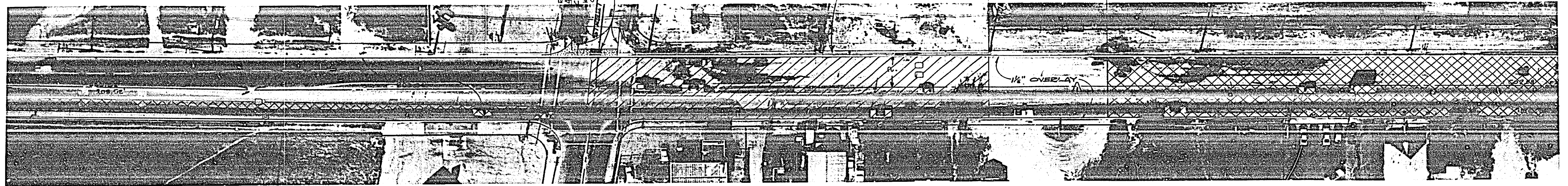
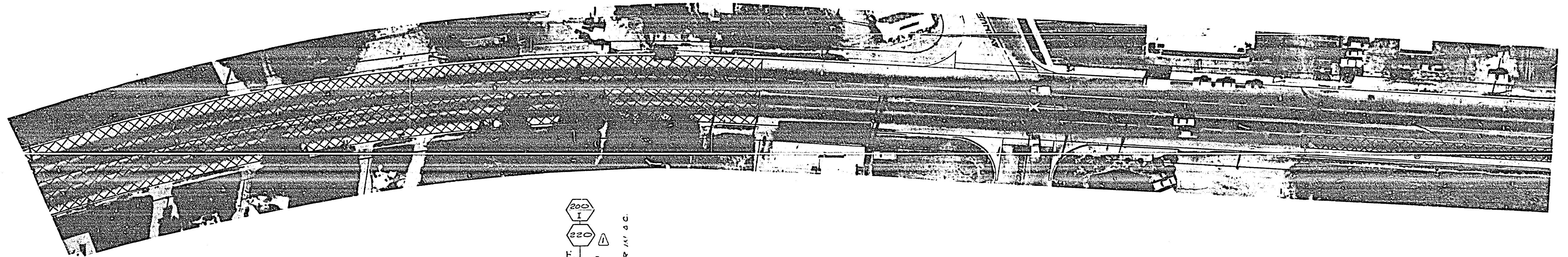
T.1-8.0

"AS SHOWN" SUPER
1-24-55

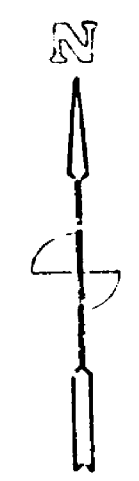
FAU M-6006 (203)

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT		Arlington Avenue Leveling Course		ACCOUNT NO. DRAWING NUMBER R-1748
APPROVED BY <small>PRINCIPAL ENGINEER</small> <small>TRAFFIC DIVISION</small> <small>CHIEF PLR APP ENGR</small>	BY <small>DATE</small> <small>7/2/52</small>	APPROVED BY <small>DIRECTOR OF PUBLIC WORKS</small>	DATE <small>5-1-51</small>	SCALE: 1" = 40' MITCHELL to CHADBOURNE
DESIGNED BY <small>WCF</small>	DRAWN BY <small>WJW</small>	CHECKED BY <small>EBF</small>	REVISIONS <small>APPR DATE</small>	SHEET 4 OF 10

55"
13"
11"
8'2"
2.8"
11"
17"
55"



CROSS-GUTTER DETAIL
SCALE 1/4" = 1'-0"



SEE DETAIL THIS SHEET

REMOVE EXISTING CROSS-GUTTERS AND
CONSTRUCT NEW 10' CROSS-GUTTERS &
APRONS. RECONSTRUCT ADJACENT A.C.
TO SMOOTH CROSSING.

7:1 = 8.0

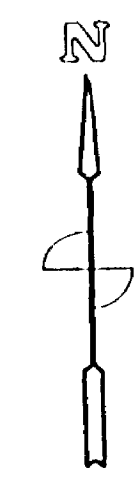
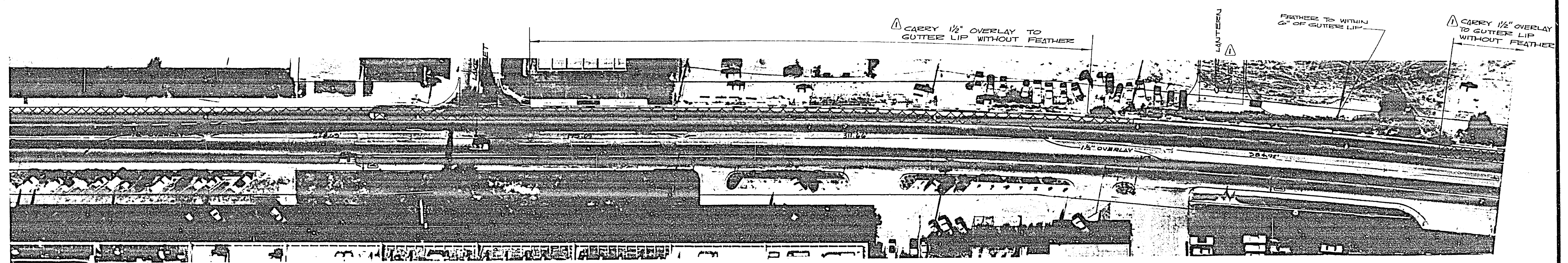
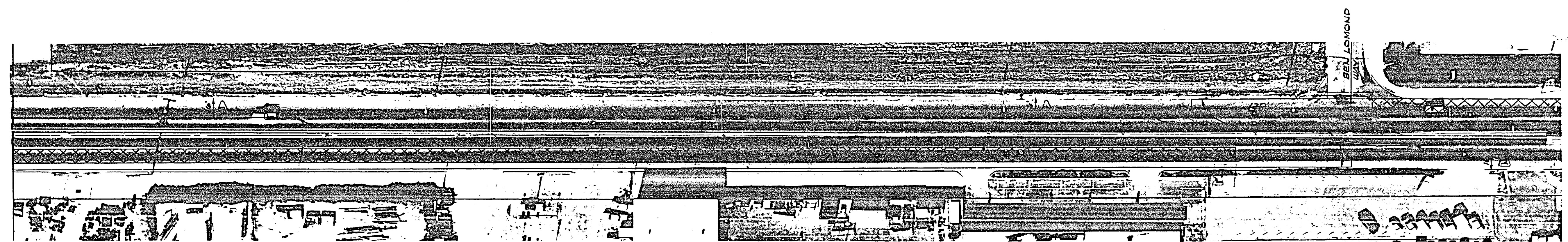
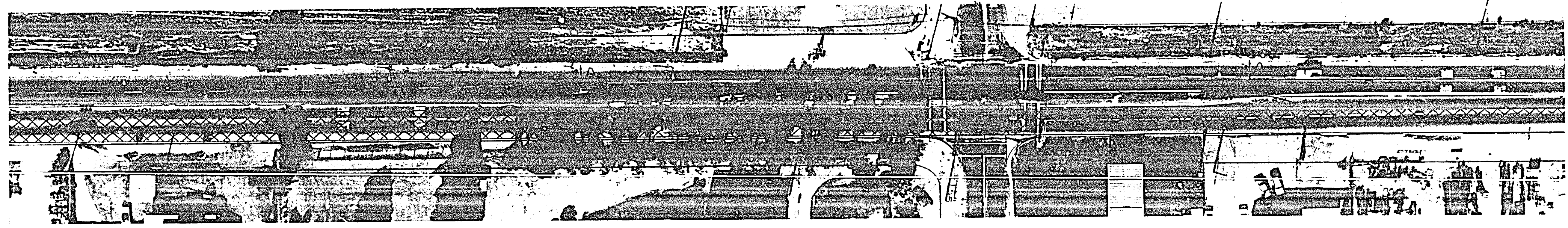
FAU M-500F(003)

NO.	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT	
APPROVED BY PRINCIPAL ENGINEER	DATE 4/26
APPROVED BY DIRECTOR OF PUBLIC WORKS	DATE 4/30

**Arlington Avenue
Leveling Course**
SCALE: 1" = 40' HORIZ TO CREST

ACCOUNT No.
DRAWING NUMBER
R-1748
SHEET 5 OF 16



EXTENDED OVERLAY TO
 G.L. & ADDED NEW STREET
 OVERLAY DELETION PER
 CHANGE ORDER # 3

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT

7.1.8.0

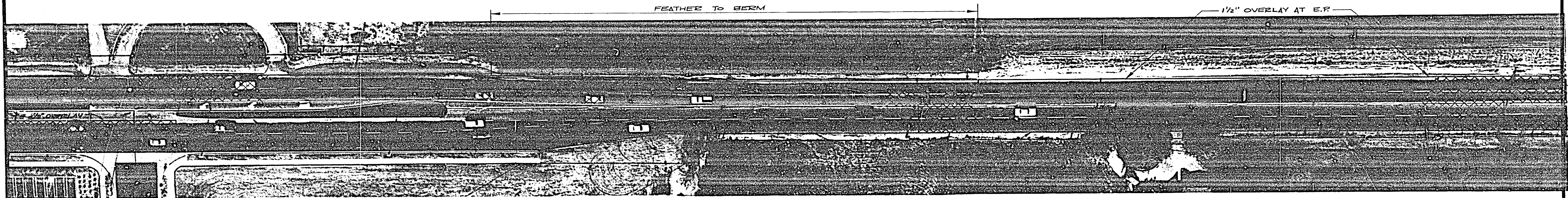
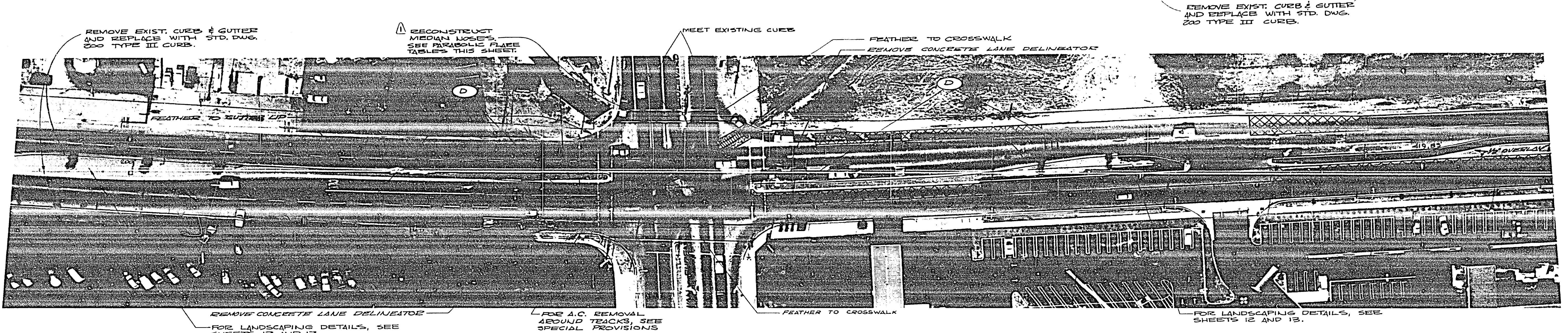
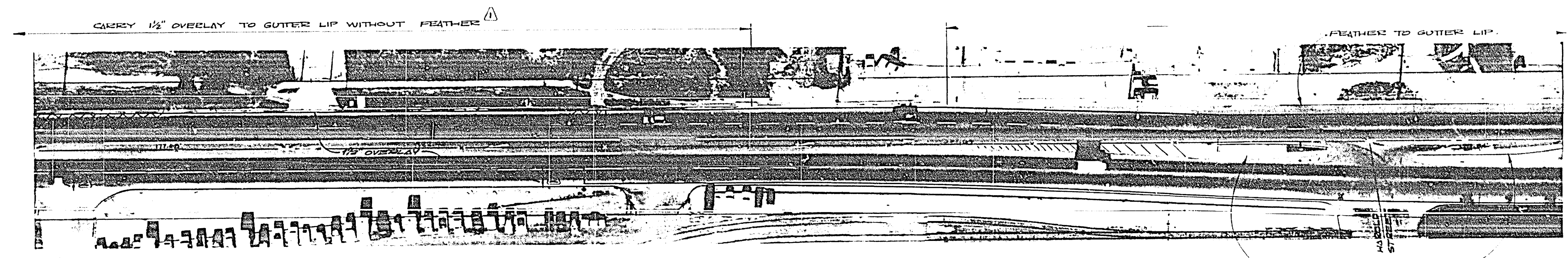
Arlington
 Avenue
 Leveling Course

ACCOUNT NO.
 DRAWING NUMBER
R-1748
 SHEET 6 OF 16

DESIGNED BY RAG DRAWN BY GRU CHECKED BY KCF

DATE 5-14

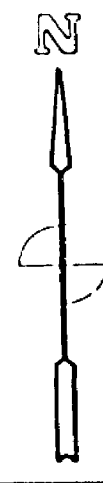
SCALE 1" = 40' RUTLAND TO LAKE



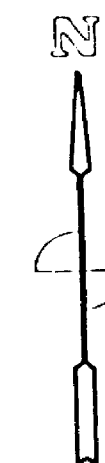
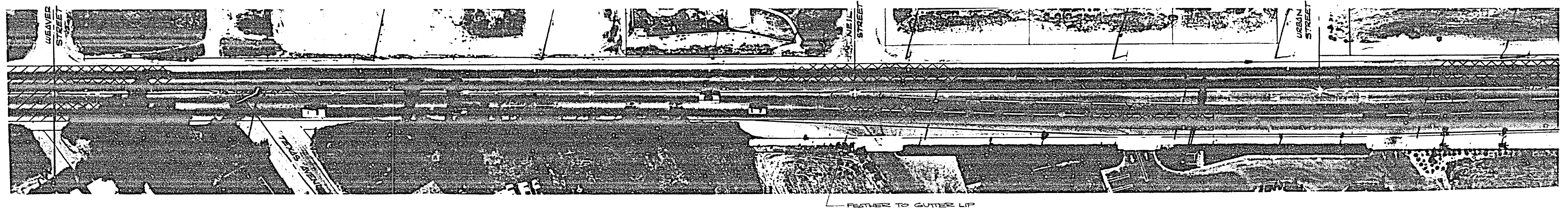
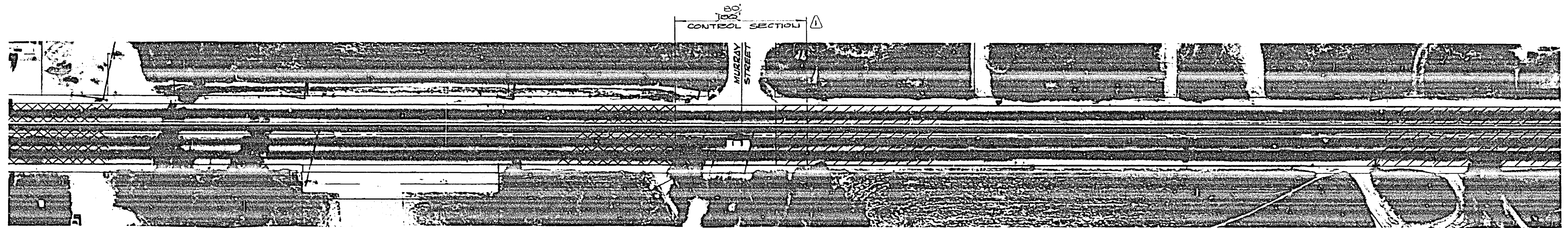
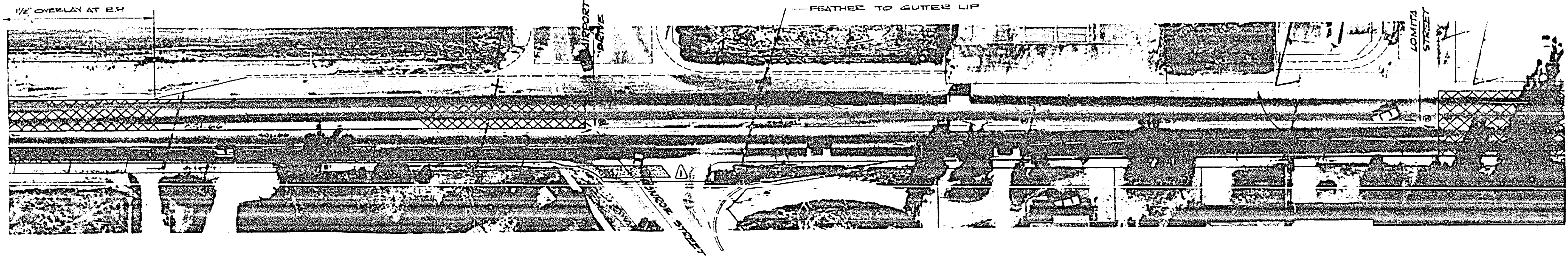
NOTE: RECONSTRUCT ALL MEDIAN CURB THIS SHEET WITH STD. DWG. 200 TYPE III.

50' FLARE - ARLINGTON						20' FLARE - VAN BUREN				
LENGTH	0	10'	20'	30'	40'	50'	0	10'	20'	LENGTH
OFFSET	0	0.08'	0.32'	0.72'	1.28'	2.00'	0	1.00'	4.00'	OFFSET

PARABOLIC FLARE TABLES



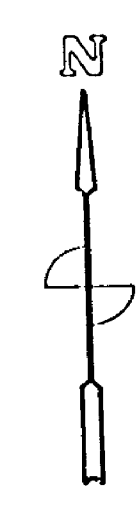
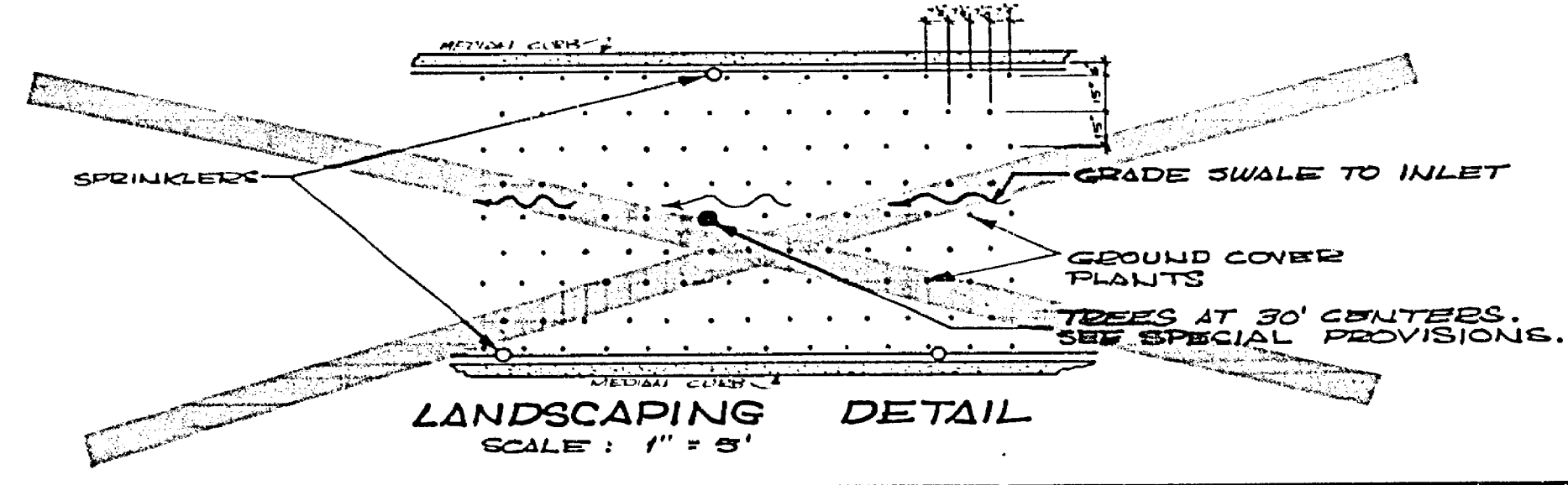
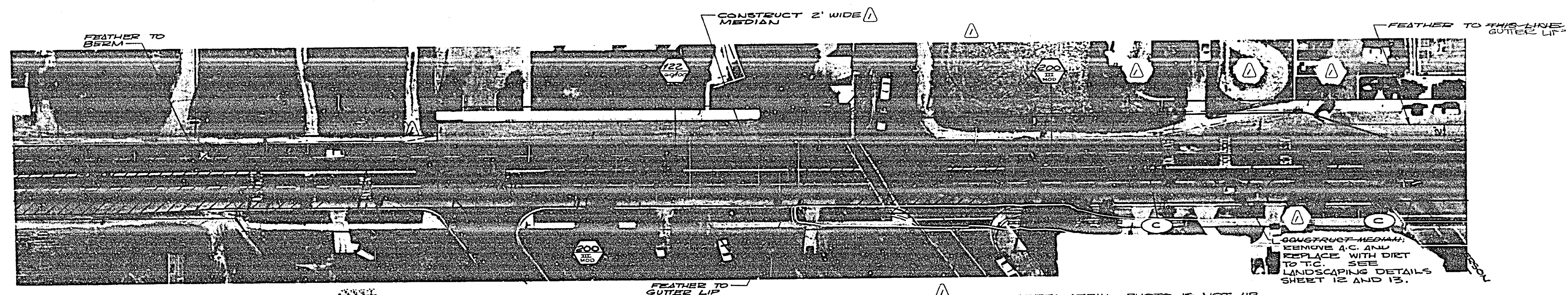
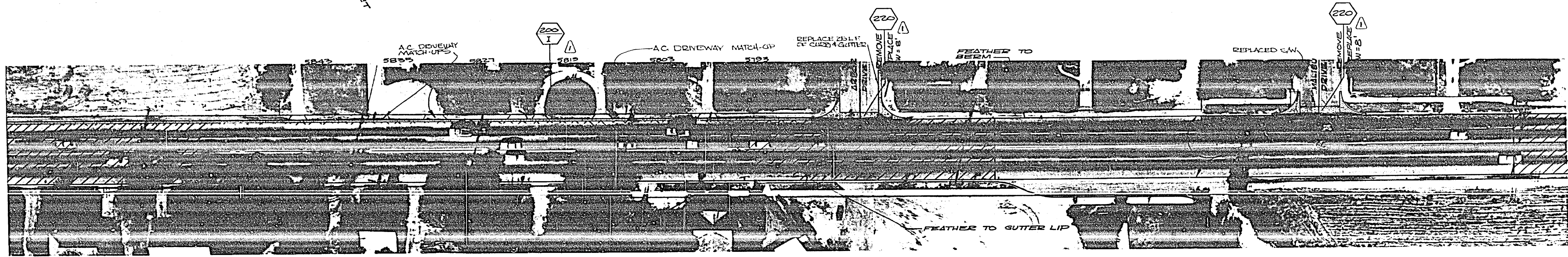
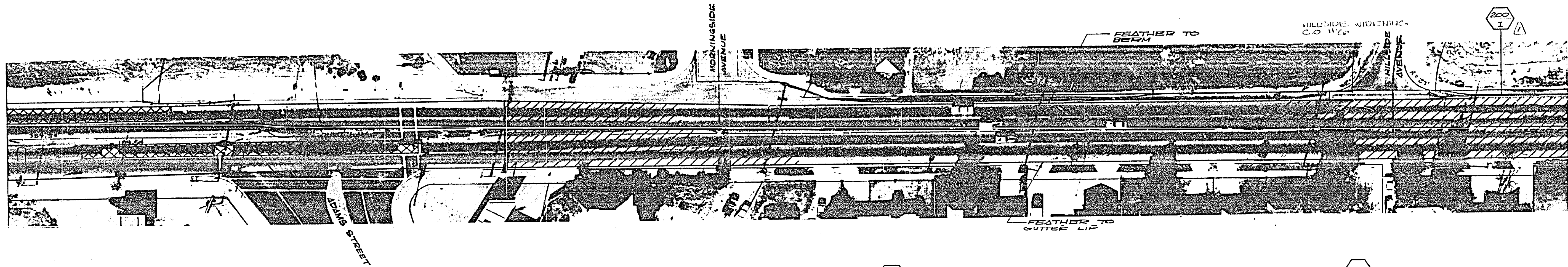
EXTENDED OVERLAY TO GUTTER LIP STREET MODS AT VAN BUREN PER R-1540 - OVERLAY DELETION PER CHANGE ORDER #3	CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT		71.8.0 WEST OF VAN BUREN T.I. 9.0 EAST FAU M-6005 (003)		ACCOUNT NO.
	APPROVED BY PRINCIPAL ENGINEER PUBLIC DEPARTMENT	DATE 3/20			APPROVED BY DIRECTOR OF PUBLIC WORKS
DESIGNED BY RLB	DRAWN BY RLB	CHECKED BY DCN	DATE 5-1-77	SCALE 1" = 40'	SHEET 7 OF 10



T.1.9.0

AS BUILT 676
 124120
 FAU M-6005 (003)

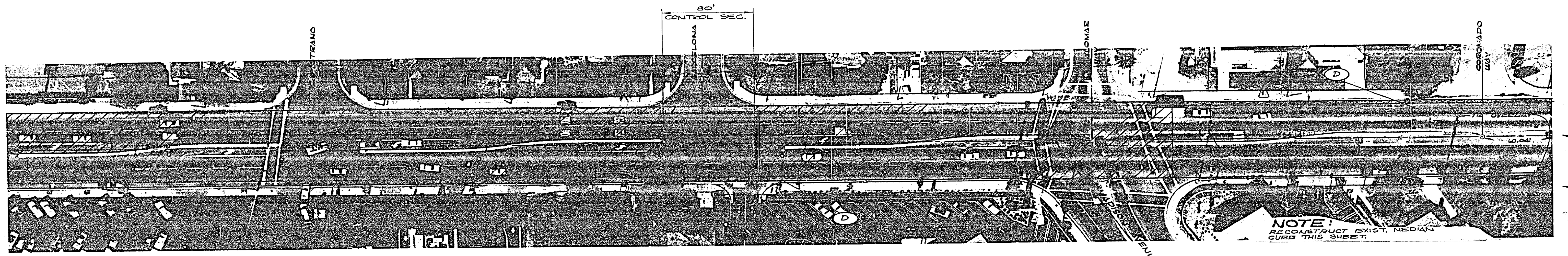
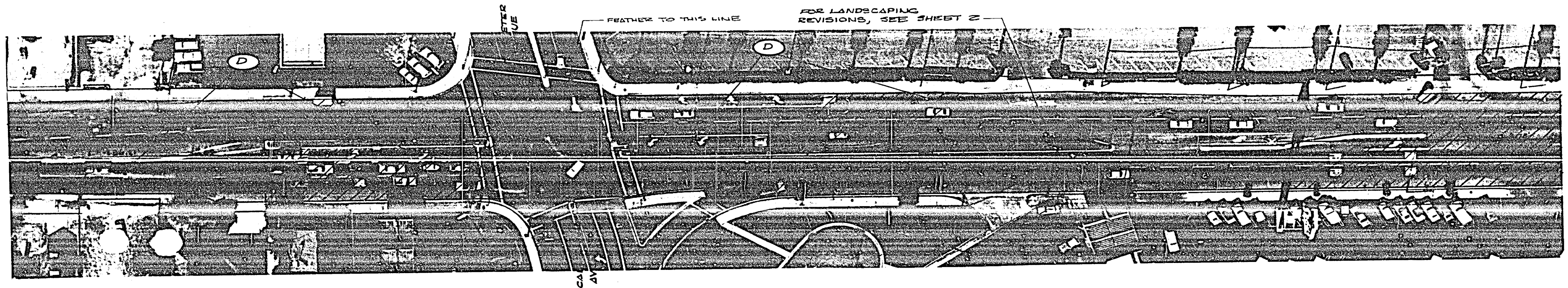
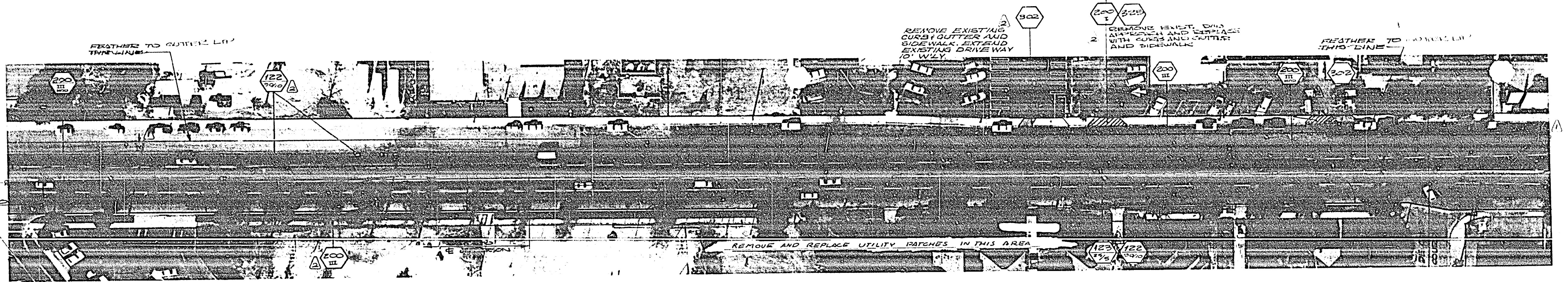
ADDITIONAL CONTROL SECTION WIDENS AT MONROE	CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT		APPROVED BY <i>[Signature]</i> CHIEF OF PUBLIC WORKS		ACCOUNT NO. R-1748
	DESIGNED BY <i>Rdb</i> DRAWN BY <i>[Signature]</i> CHECKED BY <i>[Signature]</i>	DATE 5-1-77	SCALE 1" = 40'	AIRPORT TO URBAN	SHEET 8 OF 16



T.I. = 9.0

<p>ADDED DIMENSIONS; MISC. CHANGES DUE TO RECENT CONST. ADDED CURB & GUTTER, HILLSIDE TO ABOVE.</p>	<p>CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT</p>	<p>Arlington Avenue Leveling Course</p>
<p>APPROVED BY: [Signature] DATE: 5-1-74 PRINCIPAL ENGINEER TRAFFIC DIVISION DESIGNED BY: [Signature] DRAWN BY: [Signature] CHECKED BY: [Signature]</p>	<p>APPROVED BY: [Signature] DATE: 5-1-74 DIRECTOR OF PUBLIC WORKS</p>	<p>ACCOUNT NO. [Blank] DRAWING NUMBER R-1748 SHEET 9 OF 10 SCALE: 1" = 40' ADAMS TO JEFFERSON</p>

"16 21/2" 6-70 BY 103.
FAU M-6005 (003)



T.I. = 9.0

<p>ADD DIMENSIONS, SHIFT MEDIAN CURB, AC. REMOVAL AT NLY G.L. EAST OF PALOMAS.</p> <p>CHANGED MEDIAN CURB CURVATURE, CLOSED & CURVED DRIVEWAY APPROACHES.</p> <p>REVISIONS</p> <p>D. SIGNED BY <i>R.H.B.</i> DRAWN BY <i>R.H.B.</i> CHECKED BY <i>L.C.H.</i></p>	<p>CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT</p> <p>APPROVED BY: <i>[Signature]</i> DATE: <i>5-1-71</i></p> <p>PRINCIPAL ENGINEER TRAFFIC DIVISION CITY OF RIVERSIDE</p>	<p>Arlington Avenue Leveling Course</p> <p>ACCOUNT NO. FAU 11-6005 (00W)</p> <p>DRAWING NUMBER R-1748</p> <p>SHEET 10 of 16</p> <p>SCALE: 1" = 40' JEFFERSON TO CORONADO</p>
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22"

17"

11"

8.5"

11"

17"

22"

55"

13"

11"

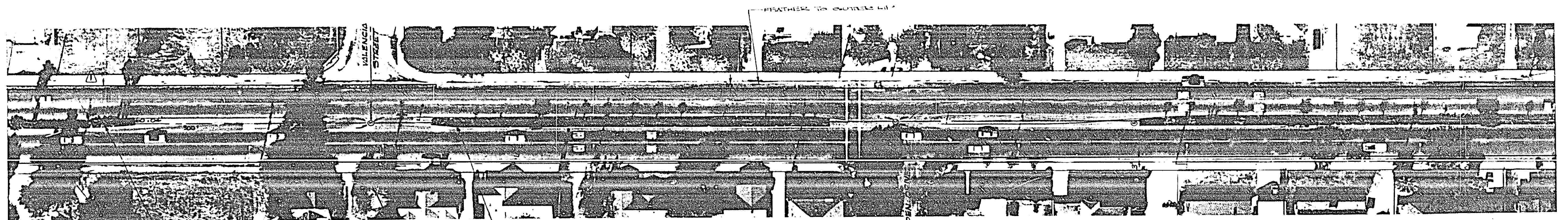
82"

28"

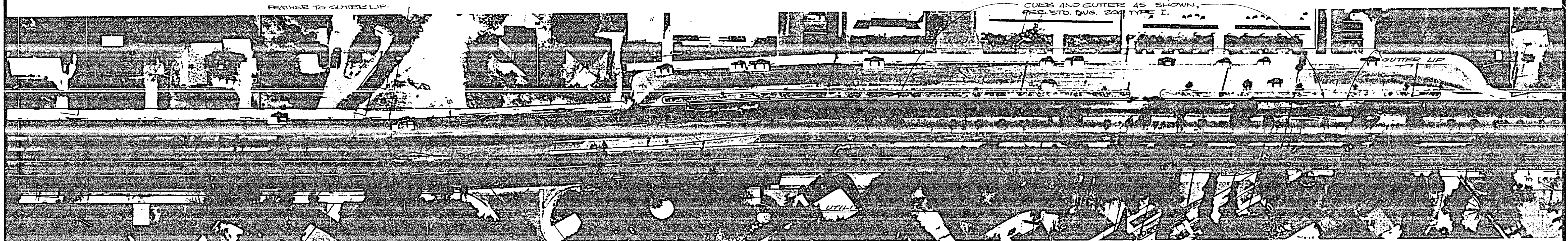
11"

17"

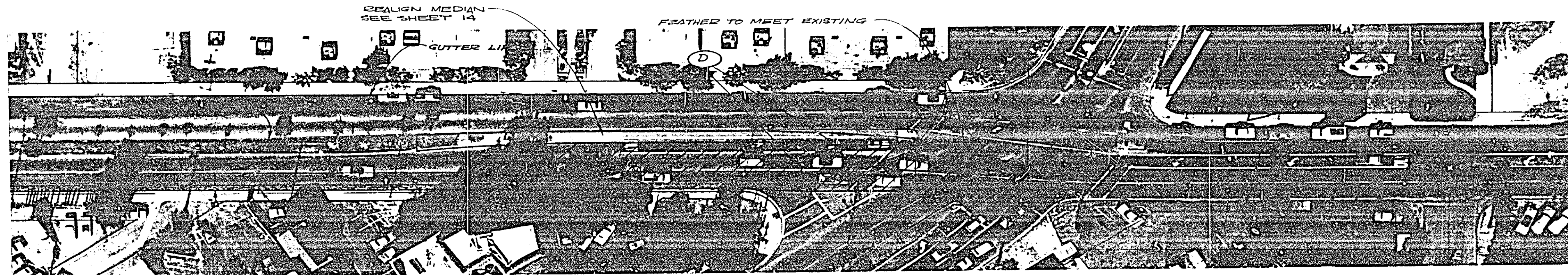
22"



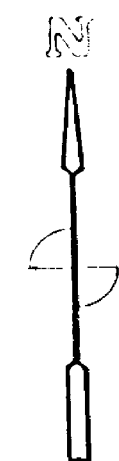
FOR LANDSCAPING REVISIONS
(TYPICAL TO MAGNOLIA),
SEE SHEET 2.



FOR LANDSCAPING REVISIONS,
SEE SHEET 2. REPLACE
CURB AND GUTTER AS SHOWN,
RES. STD. DWS. 24" TYPE I.

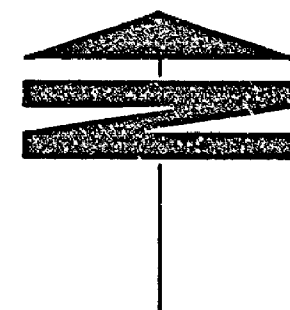
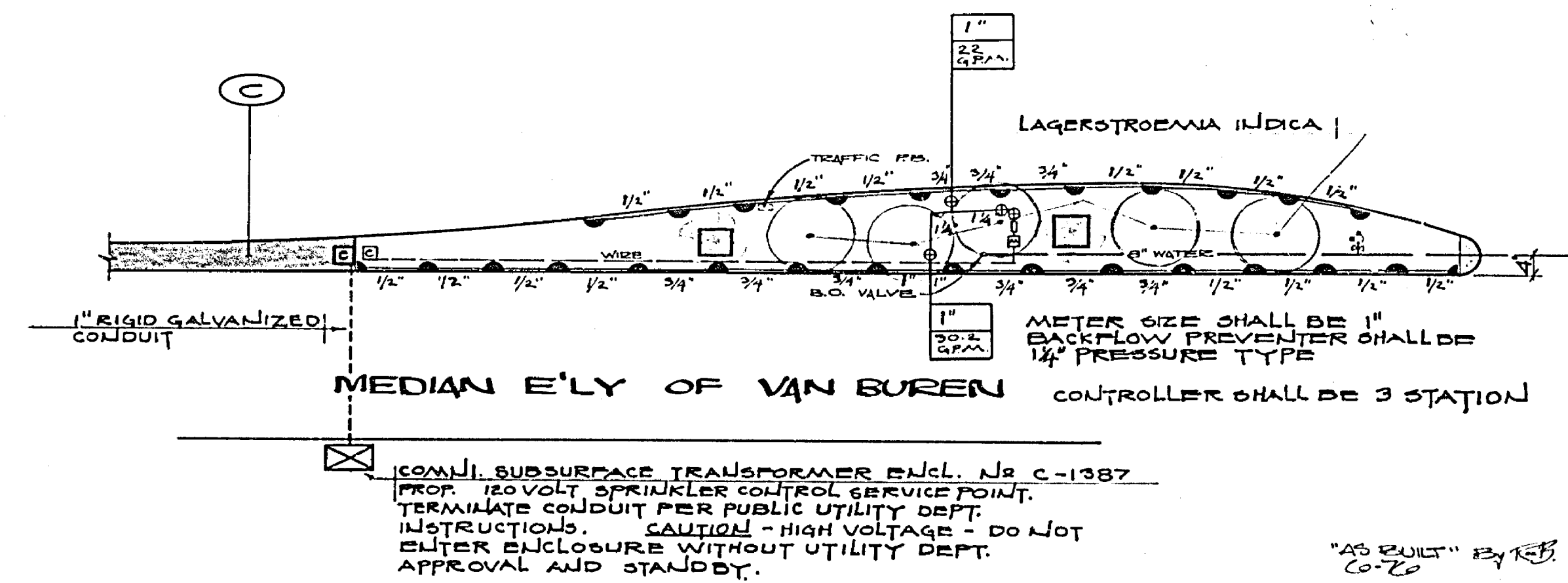
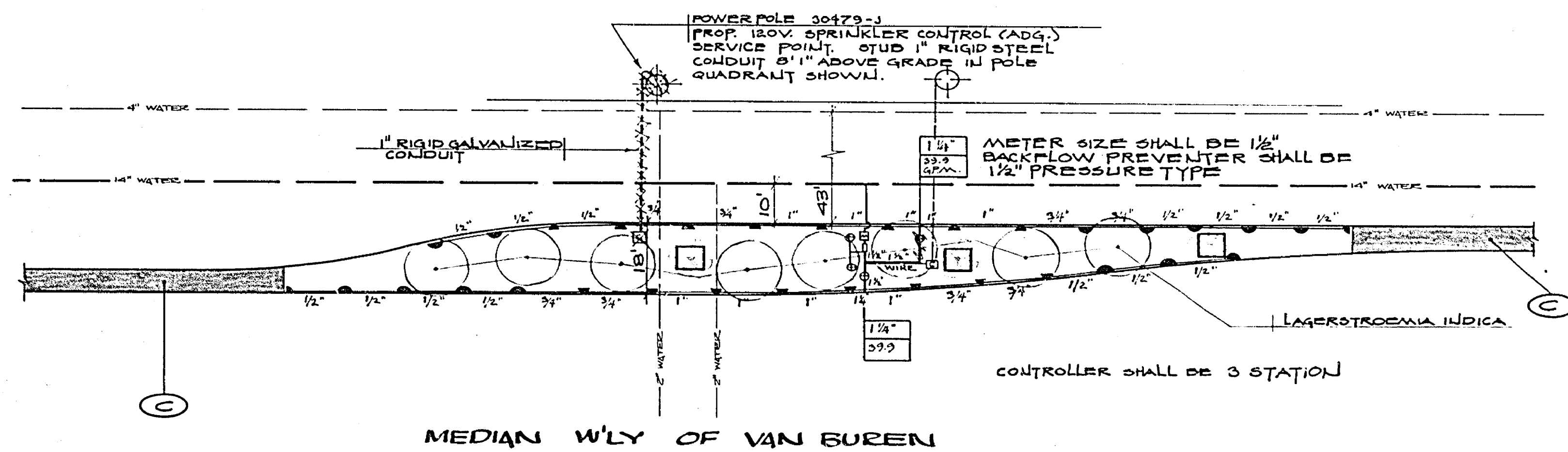
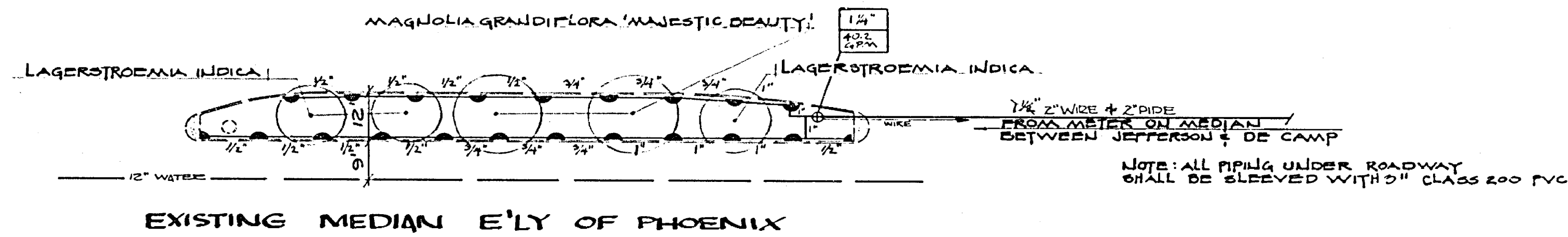
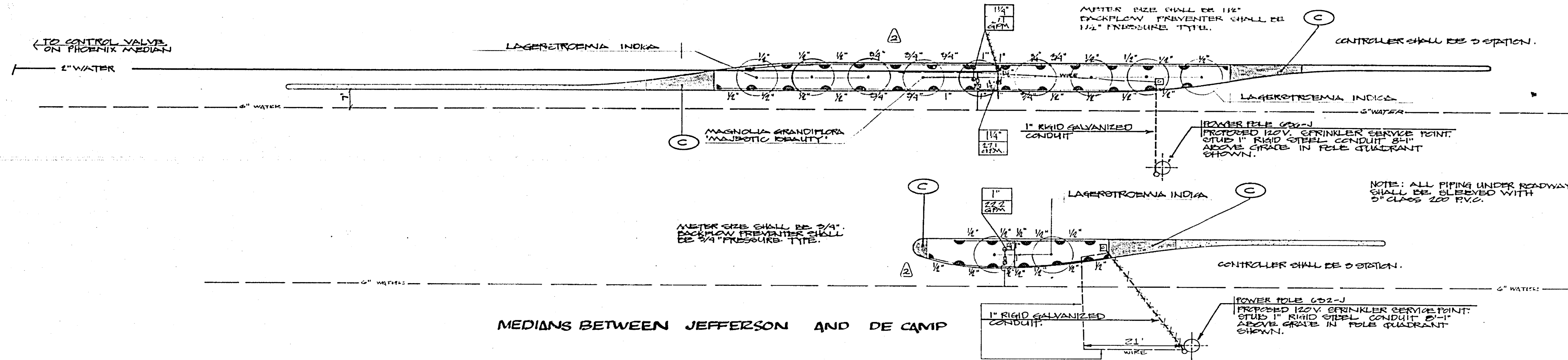


NOTE:
RECONSTRUCT MEDIAN
CURB THIS SHEET



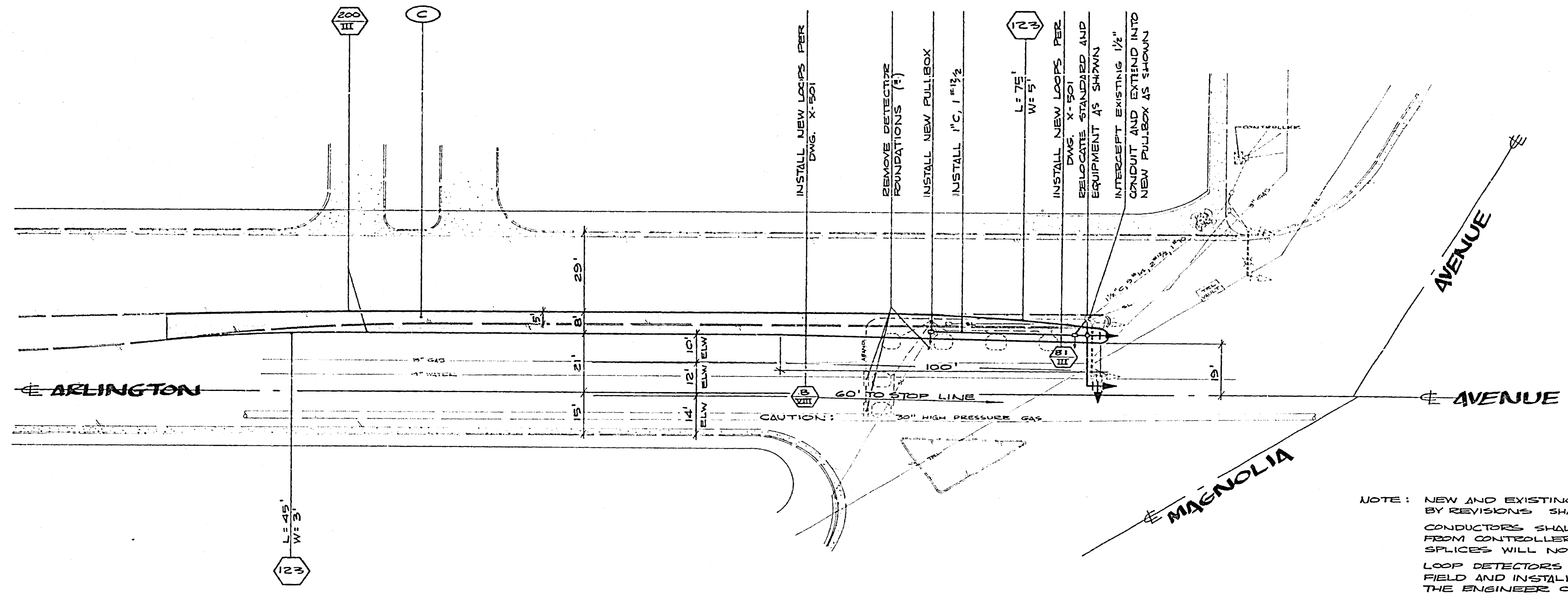
A.C. REMOVAL W/LY OF VALENCIA AT G.L.P. DESIGNED BY <i>RLO</i> DRAWN BY <i>SMY</i> CHECKED BY <i>DCM</i>	CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT		T.I. = 9.0	ACCOUNT NO. FAU 41-6005(003)
	APPROVED BY PRINCIPAL ENGINEER DATE 7/2/32	APPROVED BY DIRECTOR OF PUBLIC WORKS DATE 7/1/32	Arlington Avenue Leveling Course	
SCALE 1" = 40'		VALENCIA TO MAGNOLIA		

W.S. PERRY & SONS
SAN FRANCISCO, CALIF.

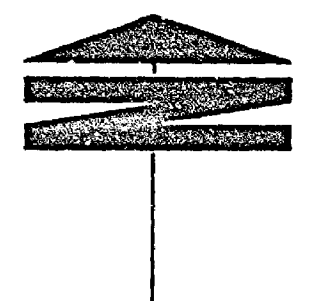


CHANGED MEDIAN CONFIGURATION 1/2 4/11/12	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT		Arlington Avenue Leveling Course		ACCOUNT NO. R-1748
	APPROVED BY [Signature] DATE: 3-5-75	APPROVED BY [Signature]	HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 20'		SHEET 12 OF 16 FILE NO.

"AS BUILT" BY [Signature]
 C-70
 FAU N-6005 (003)



NOTE: NEW AND EXISTING CONDUIT AFFECTED BY REVISIONS SHALL HAVE NEW CONDUCTORS. CONDUCTORS SHALL BE A CONTINUOUS RUN FROM CONTROLLER TO POINT OF TERMINATION. SPLICES WILL NOT BE ALLOWED. LOOP DETECTORS SHALL BE LOCATED IN THE FIELD AND INSTALLED IN THE PRESECE OF THE ENGINEER OR HIS REPRESENTATIVES.

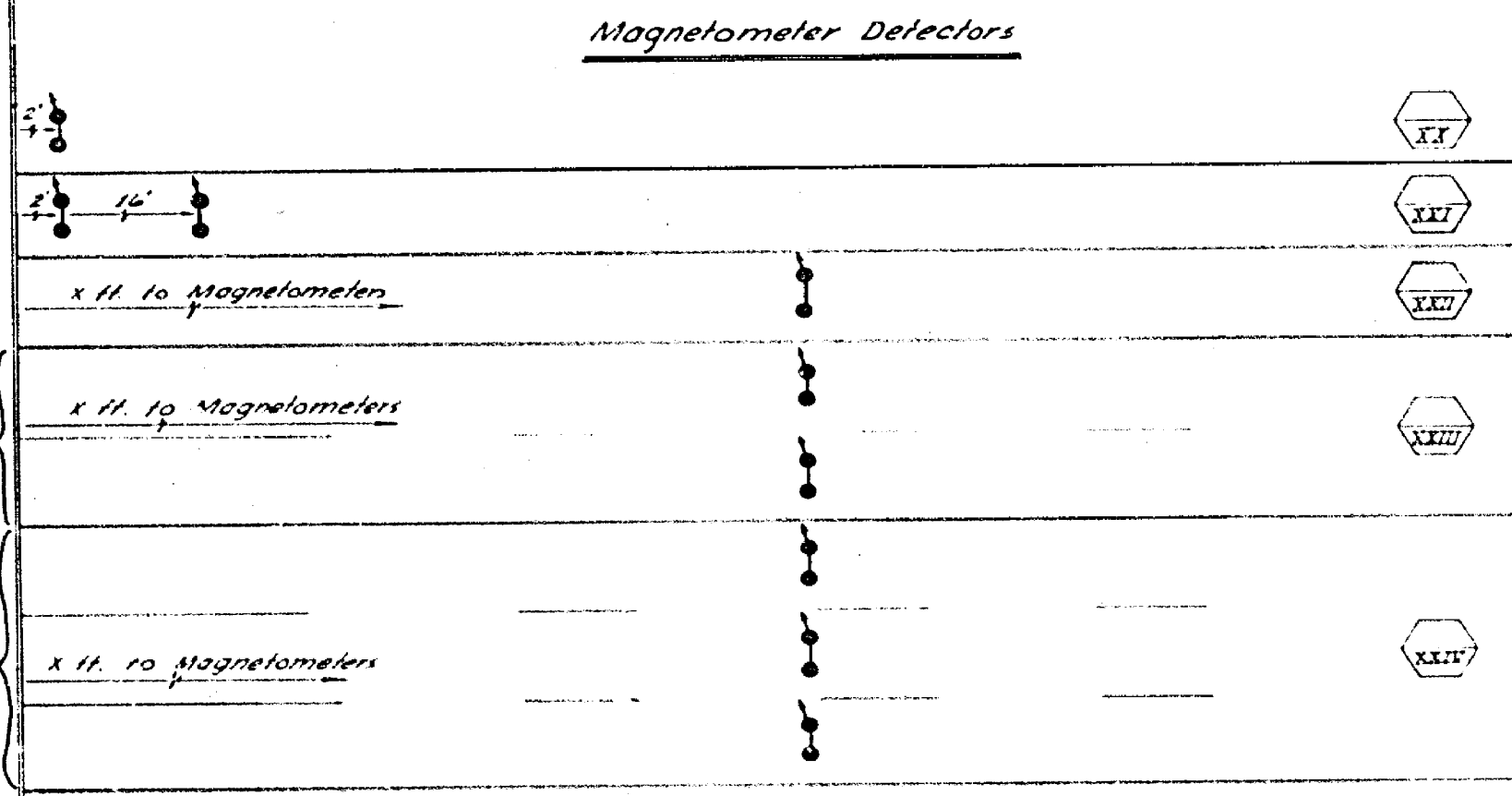
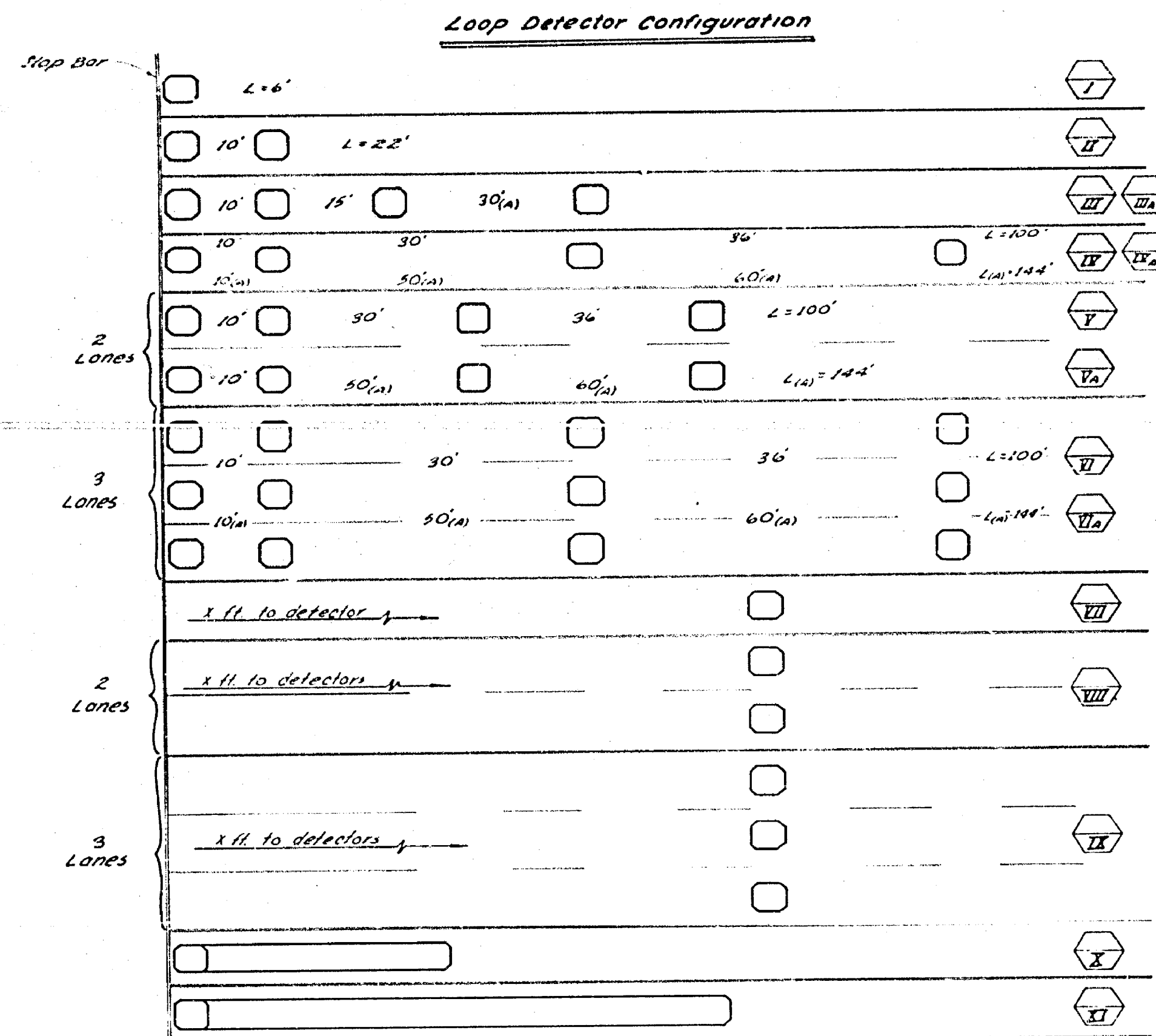


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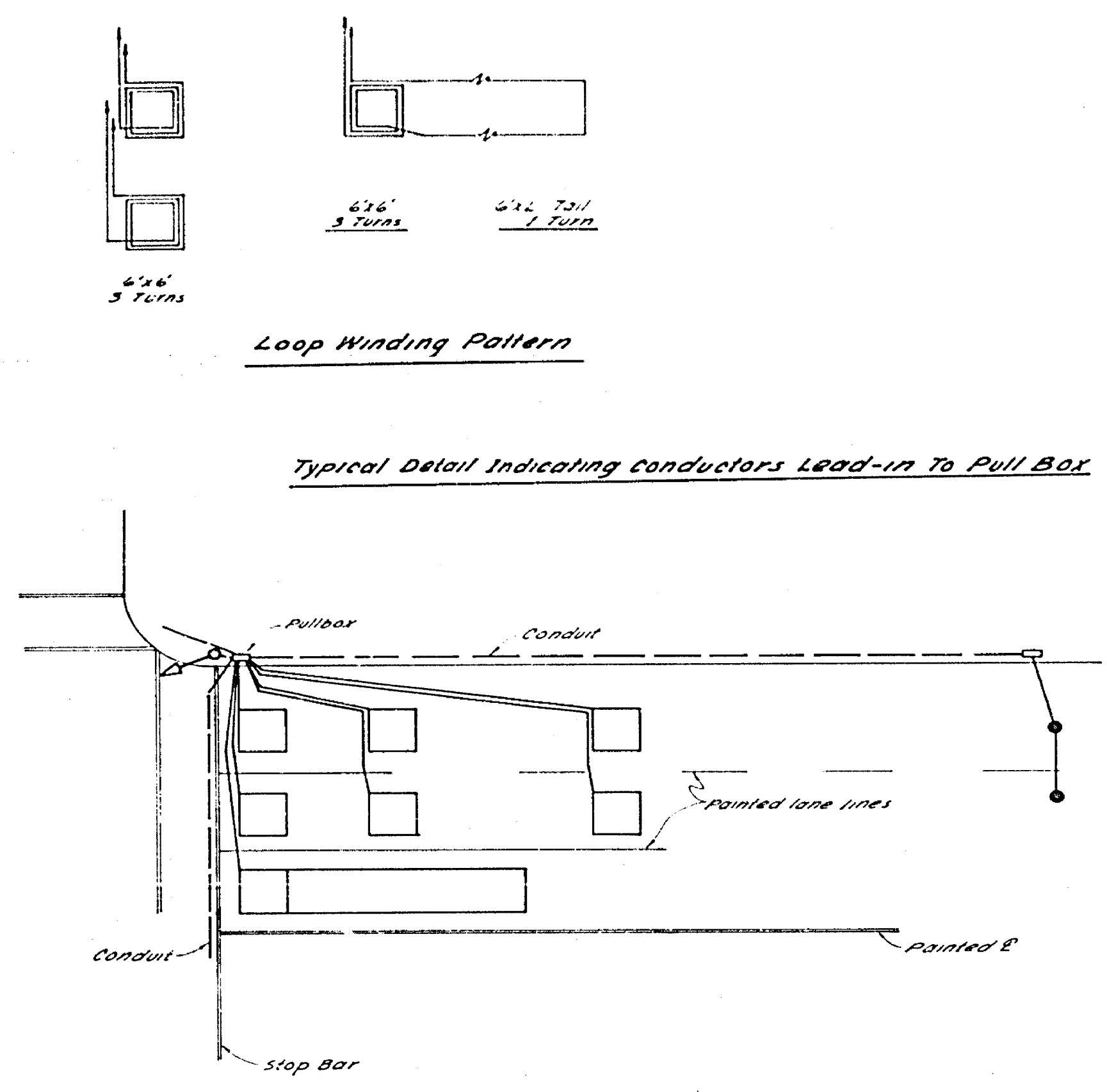
**TRAFFIC SIGNAL AND MEDIAN
RELOCATIONS AT MAGNOLIA**

	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT		Arlington Avenue Leveling Course ACCOUNT NO.	
	DATE: 3-5-75 BY: RW Barry	PER: 1/11 REC: 2-21-75 <i>Amador</i>	SHEET NO. 14 OF 16	R-1748

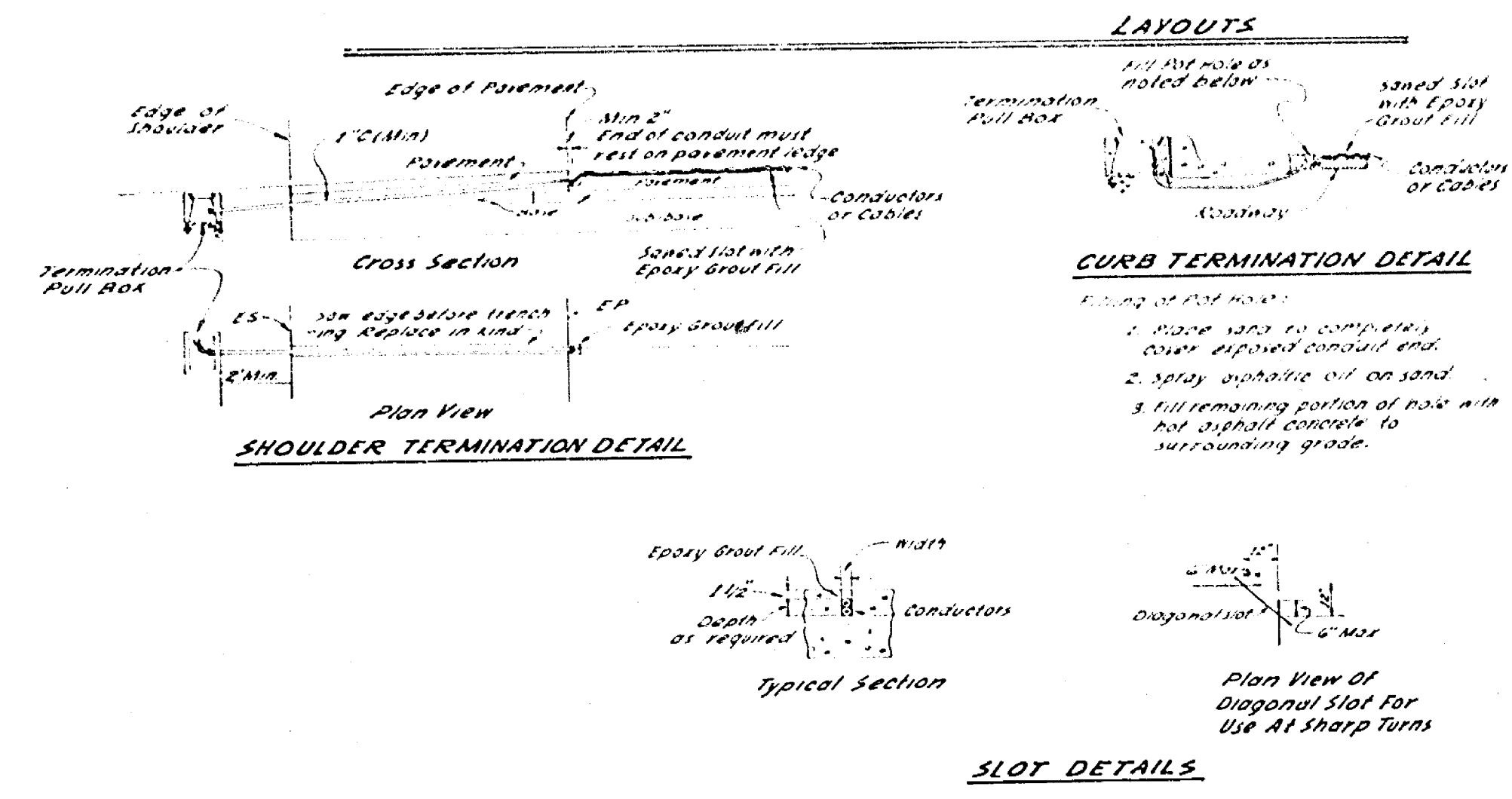
SCALE: 1" = 20'



- #### Symbols
- Sensor unit reference code, indicating assigned lane number and phase. Code to correspond with conductor labeling. Roman numeral indicates type of installation as shown above.
 - Termination pullboxes are numbered (1) five where used for detector leads.
 - Overall length of zone of detection.
 - 6"x6" detector loop configuration.
 - 6"x6" tail with a specific length tail configuration.
 - Magnetometer Sensing Element.
 - Reference distance between stop bar and detector or between detectors as indicated on plans.



- #### Notes:
1. The inductive loop detector configuration shown on plans are minimum requirements, however, the actual configuration with regard to size of loop and number of turns shall be installed in accordance to the manufacturer's recommendations.
 2. Loop or magnetometer detector location will be designated in the field by the Engineer or his representative.
 3. Effective lane width (ELW) will be shown on plans even if lane is not to be striped.
 4. A minimum of 4 feet will be maintained between loops of adjacent lanes.
 5. If terminal pull box is on opposite side of roadway, run connecting slots on that side of detector installation.
 6. Loop or magnetometer detector shall be installed in the presence of the Engineer or his representative.



- #### Magnetometer Sensing Element Installation
1. Shall be installed in accordance with the manufacturer's recommendations.
 2. Magnetometer lead-in cable to controller, shall comply with the specification described in the Special Provisions.

Loop And Magnetometer Installation Procedure
Installation shall be in accordance with the specifications described in the Special Provisions.

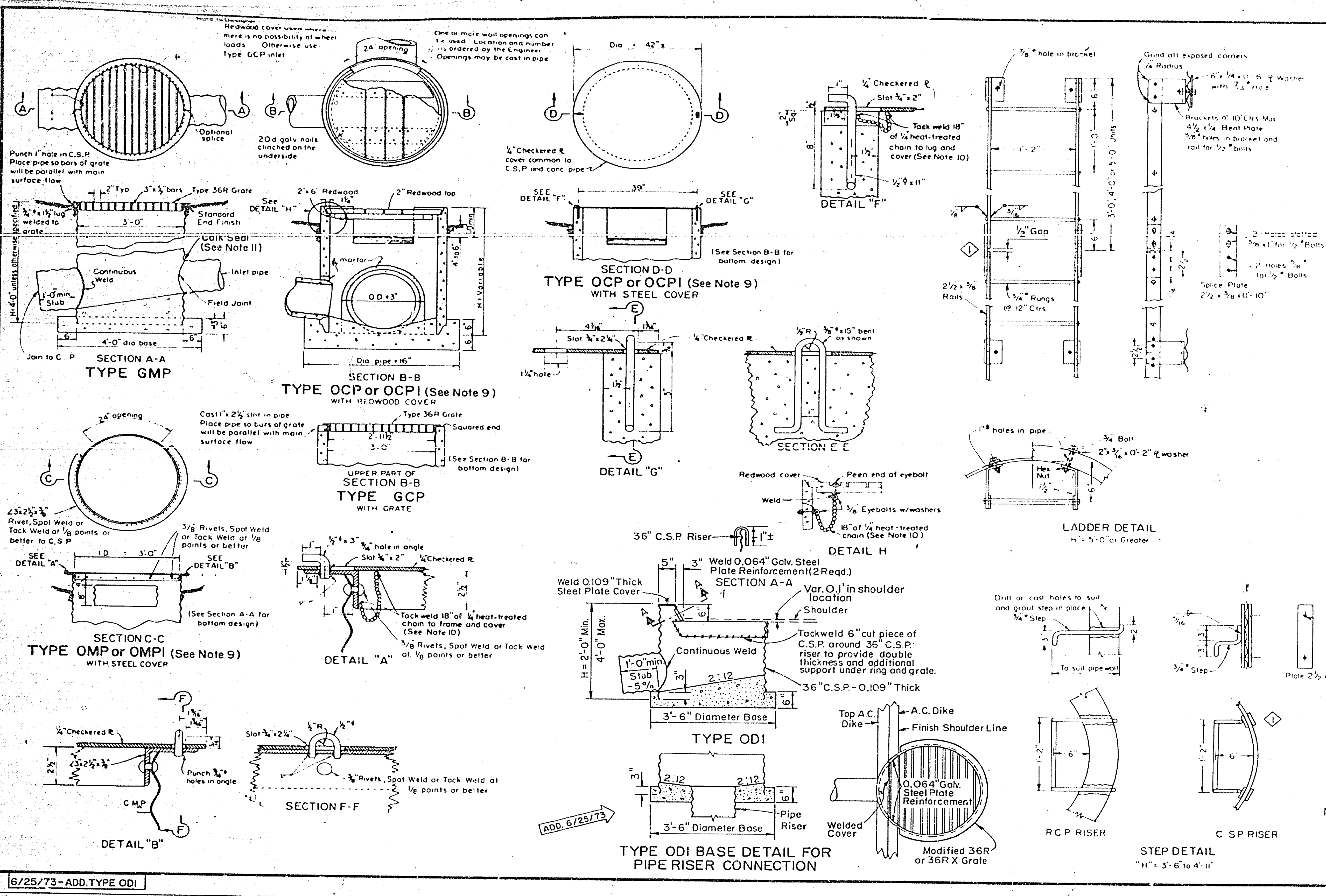
"AS BUILT" 5-77 DJV

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT		APPROVED BY DATE: 3-11-78
DESIGNED BY DRAWN BY: JMK CHECKED BY:	REVISIONS APPR. DATE	ACCOUNT NO. DRAWING NUMBER X-501 SHEET 15 OF 16

Arlington Avenue Leveling Course

LOOP & MAGNETOMETER DETECTOR INSTALLATION DETAIL

SCALE: NONE



APPROVAL RECOMMENDED

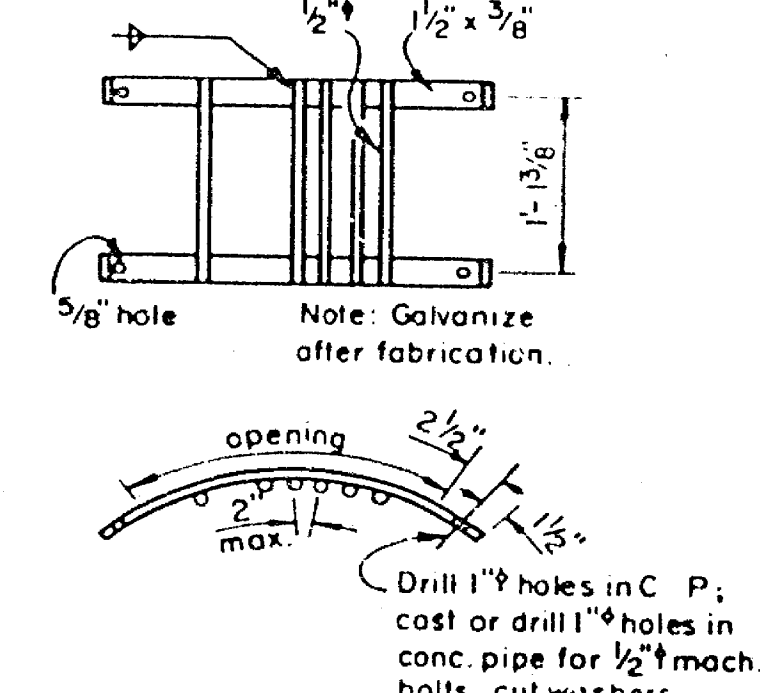
DATE	COUNTY	ROUTE	MILE	TOTAL PROJECT	NO.	NO.

Approved: June 25, 1973

Highway Design Engineer
 Registered Civil Engineer No. 8872

GENERAL NOTES

- Ladders and Steps - None required where "H" is 3'-6" or less. Where "H" is between 3'-6" and 4'-11" place one step + 16" above the floor. If "H" is 5'-0" or more install a ladder placing lowest rung 16" above the floor and highest rung not more than 14" below top of inlet. Place single step or ladder in wall without wall opening.
- Ladder may be constructed in one length at contractor's option on RCP Riser.
- On C.S.P. Riser, connect ladder spine plate so joint can compress 1/2".
- Ladder splice plate to be connected with 1/2" bolts with double nuts.
- Inlet pipes shall not protrude more than 1/2" ± into basin.
- Except for inlets used for junction boxes, basin floors shall have a minimum slope of 1:2.3 from all directions toward outlet pipe, and a wood trowel finish.
- Galvanizing: See Standard Specifications or Special Provisions.
- See "Standard Plan" D77-A and D77-B for Grate and Frame Details and Weights of Miscellaneous Iron and Steel.
- Designation of Type OCP or OMPI Pipe Inlets on plans indicates Trash Racks are to be furnished and installed on all side openings.
- Chain to be provided when specified.
- Calk seal with pliable mixture of sand, portland cement, and emulsified asphalt (Mixture of 1 part portland cement, 3-5 parts sand, and 1/2 parts SSI emulsified asphalt.)



NOTE:
 This plan sheet supersedes plan sheet D75-9 page 45 of the Standard Plans dated January, 1973.

SPECIAL DETAILS
PIPE INLETS

FAU M-6005 (003) SD 75-10

6/25/73-ADD TYPE ODI

SD75-10