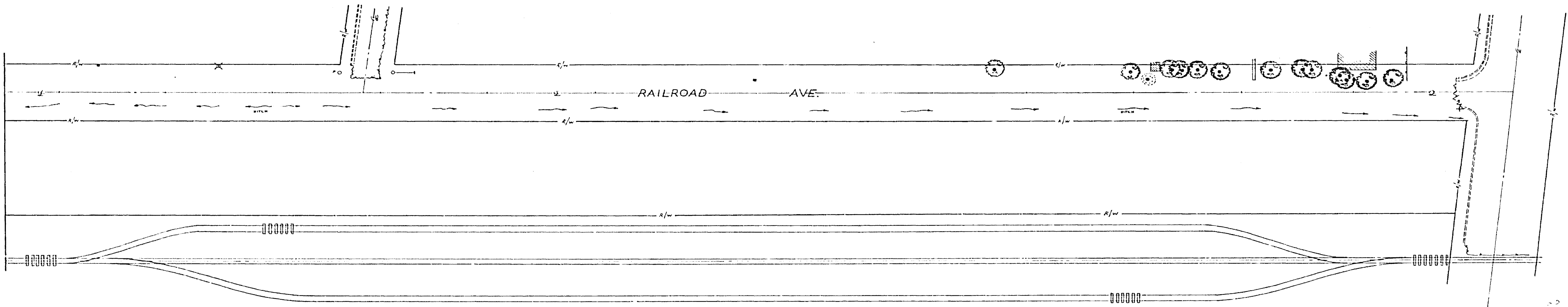
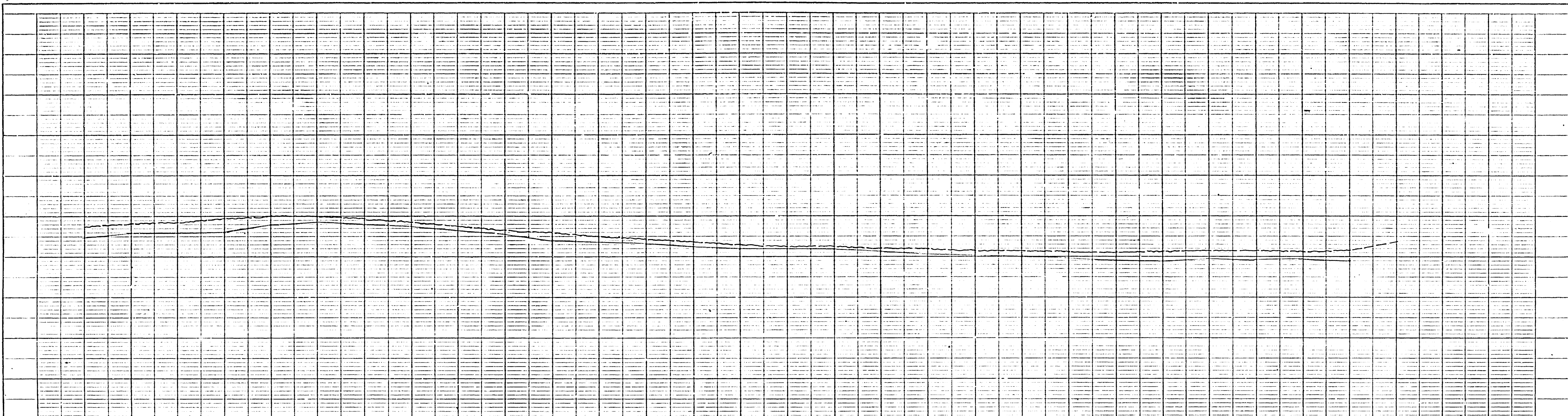


REGISTERED PROFESSIONAL ENGINEER
 STATE OF CALIFORNIA
 R. S. STALEY
 CIVIL ENGINEER

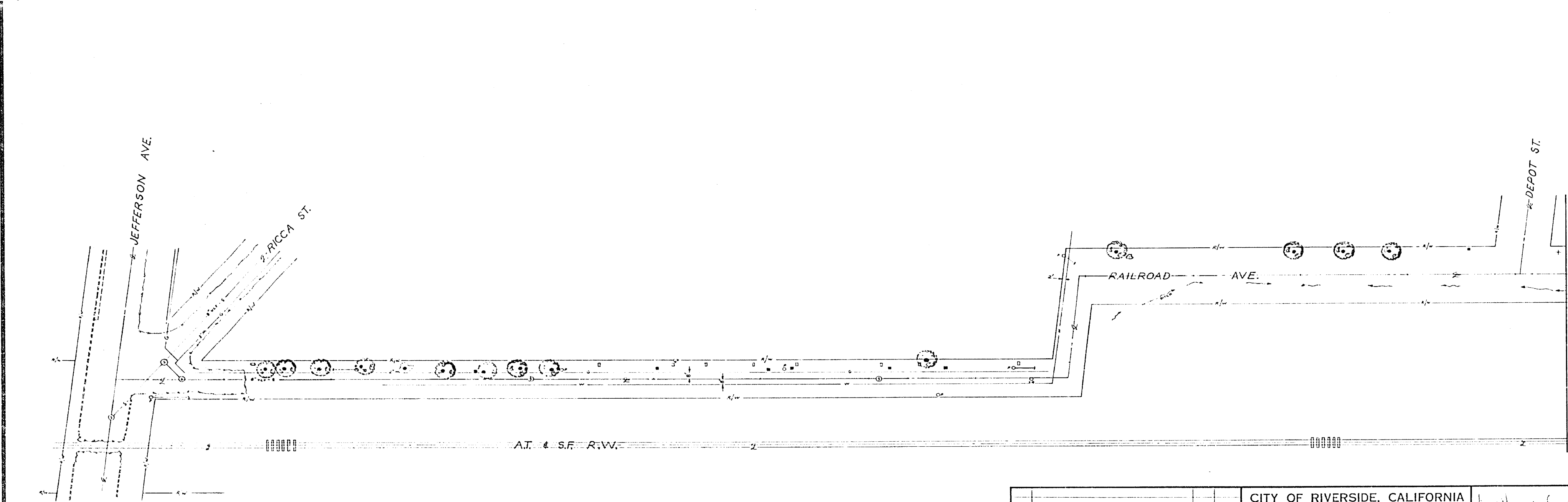
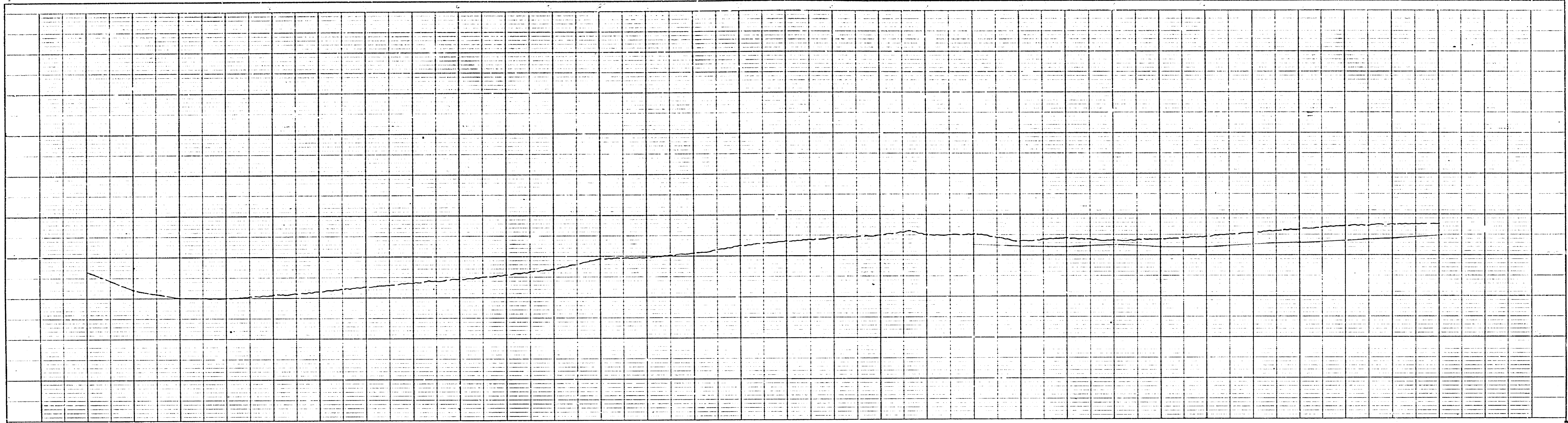
PROJECT
 DISTRICT
 SHEET NO.
 OF



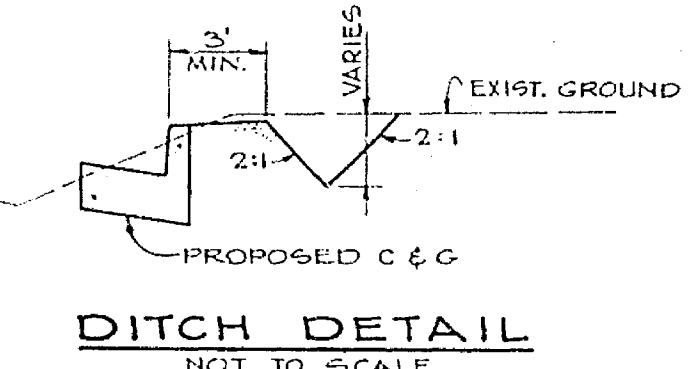
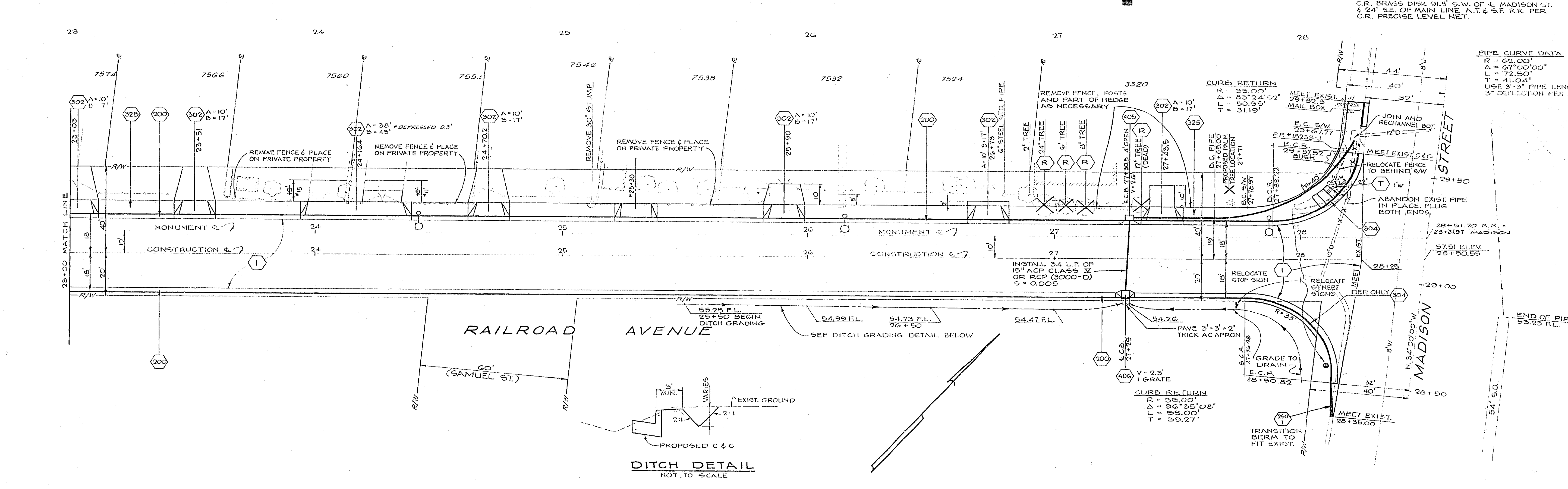
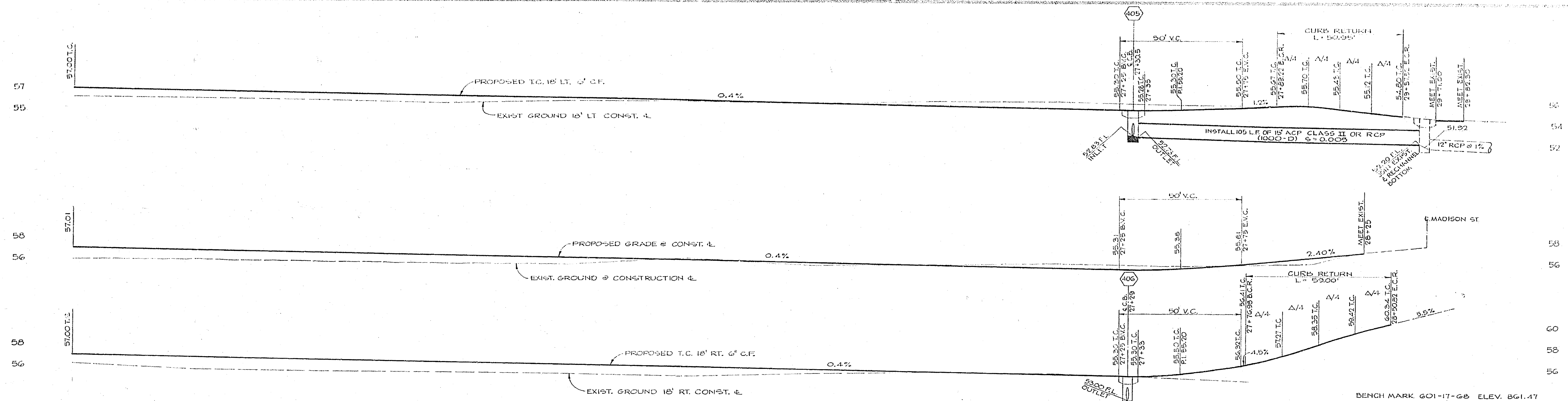
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|--|------------|---|----------------------|---|
| CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT | | Railroad Ave. (at 1st St) | | ACCOUNT NO. DRAWING NUMBER R-1592 |
| APPROVED BY PRINCIPAL ENGINEER | BY DATE | APPROVED BY DIRECTOR OF PUBLIC WORKS | DATE | SHEET 1 OF 2 |
| REVISIONS | APP'D | DATE | HORIZ. SCALE: 1"=10' | VERT. SCALE: 1"=2' |

ENGINEER
 H. S. HENNINGER
 CIVIL ENGINEER
 1110 E. 11TH ST. RIVERSIDE, CALIF.

PROFILE
 DATE: 1/1/1911
 PROJECT: RAILROAD AVE.
 SHEET NO. 1 OF 2



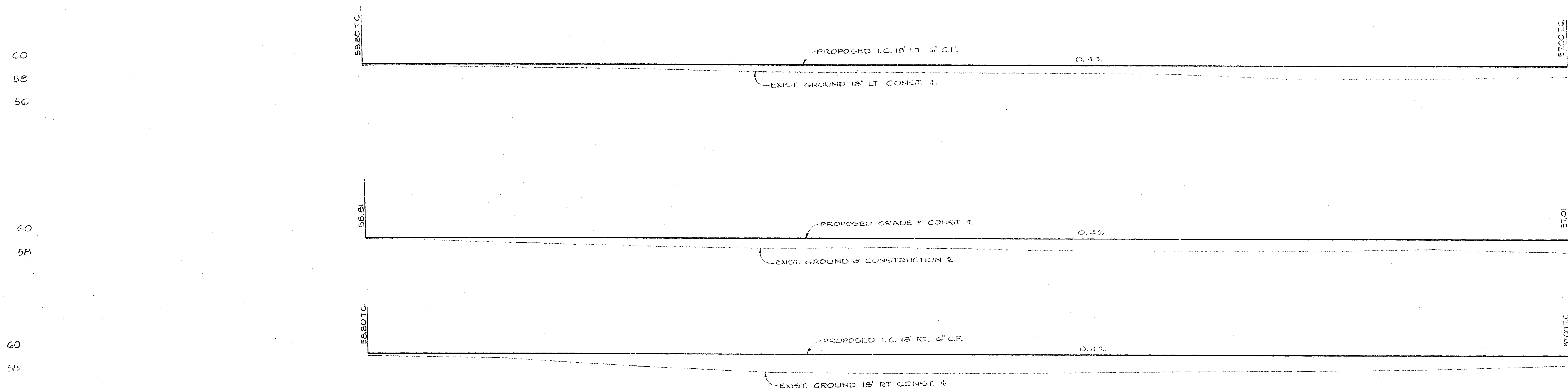
| | | | |
|--|----|---------------------|--------------------------|
| CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT | | ACCOUNT NO. | DRAWING NUMBER |
| APPROVED BY PRINCIPAL ENGINEER | BY | DATE | APPROVED BY |
| TRAFFIC DIVISION | | | DIRECTOR OF PUBLIC WORKS |
| DATE | | | DATE |
| REVISIONS | | HORIZ. SCALE: 1"=1' | VERT. SCALE: 1"=1' |
| | | SHEET 1 OF 2 | |



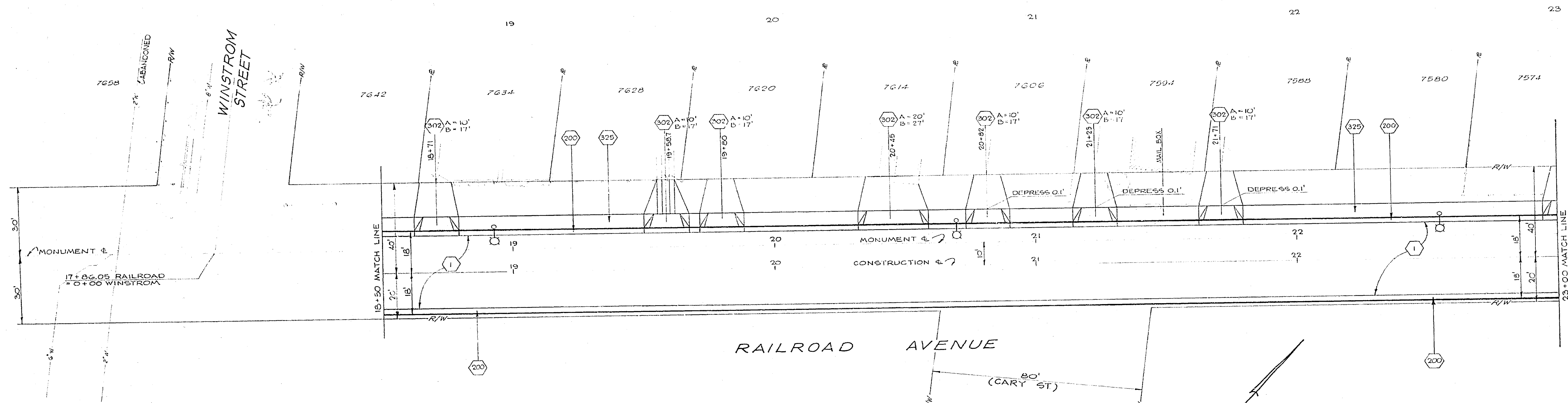
BENCH MARK GO1-17-68 ELEV. 861.47
 C.R. BRASS DISK 91.5' S.W. OF E. MADISON ST.
 & 24' S.E. OF MAIN LINE 'A.T. & S.F. R.R. PER
 C.R. PRECISE LEVEL NET.

PIPE CURVE DATA
 R = 62.00'
 Δ = 67°00'00"
 L = 72.50'
 T = 41.02'
 USE 3" x 3" PIPE LENGTH
 3" DEFLECTION PER JOINT

| | | | | |
|---|-----------------------------|--|---------------------------|----------------------------|
| CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT | | RAILROAD AVENUE HCD PROJECT FROM JEFFERSON STREET TO MADISON STREET | | R-1593 SHEET 8 8 |
| APPROVED BY CITY ENGINEER | DESIGNED BY DESIGNER | DRAWN BY DRAFTER | CHECKED BY CHECKER | DATE 2-23-76 |
| HORIZ SCALE 1" = 20' | | VERT SCALE 1" = 4' | | |



BENCH MARK 601-17-68 ELEV. 861.47
 C.R. BRASS DISC 0.15' S.W. OF E. MADISON ST
 & 24' S.E. OF MAIN LINE A.T. & S.F. R.R. PER
 C.R. PRECISE LEVEL NET.



| | | | | |
|--|--|--|--|--|
| | | | | |
| | | | | |
| | | | | |

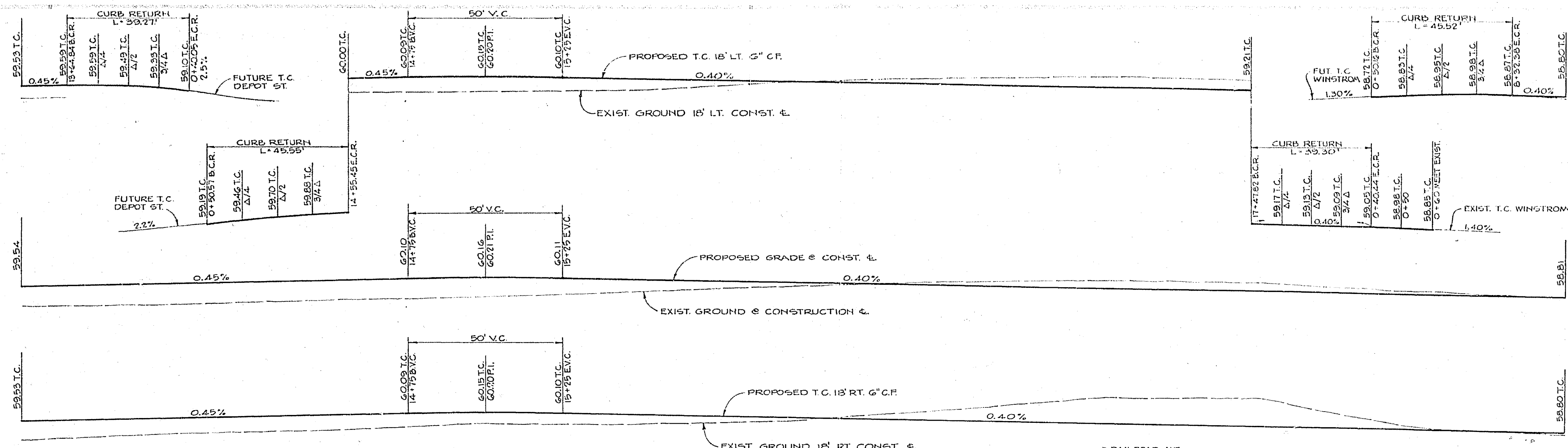
*AS BUILT 8-76 KPT
RAILROAD AVENUE
HCD PROJECT
 FROM JEFFERSON STREET
 TO MADISON STREET
 20' 4'

15-550-453
R-1593
 7 8

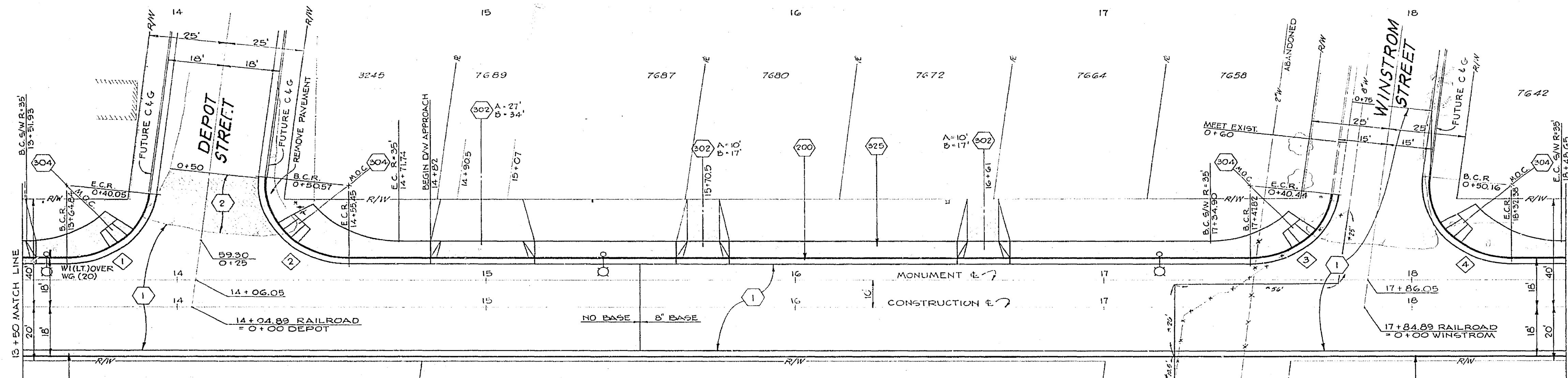
Signature
 Date: 11/16/16
 2:45
 Location: 7/16

60
58
60
58
60
58

60
58
60
58
60
58



C RAILROAD AVE.
 60
59
58
 PROPOSED GRADE @ WINSTROM
 EXIST. A.C. & WINSTROM
 0.75%
 BENCH MARK G01-17-68 ELEV. 861.47
 C.R. BRASS DISK 915' S.W. OF E. MADISON ST.
 24' S.E. OF MAIN LINE A.T. & P.F. R.R. PER
 C.R. PRECISE LEVEL NET.



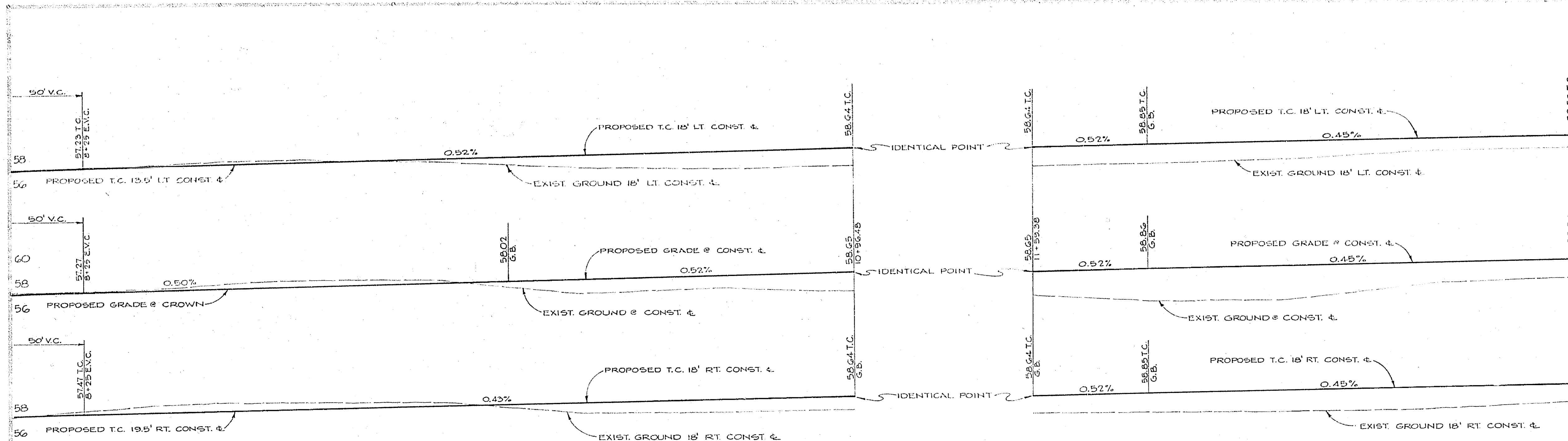
RAILROAD AVENUE

| INDEX | R | Δ | T | L |
|-------|-----|-----------|--------|--------|
| 1 | 27' | 83°19'52" | 24.03' | 39.27' |
| 2 | 27' | 96°40'08" | 30.34' | 45.55' |
| 3 | 27' | 83°24'00" | 24.06' | 39.30' |
| 4 | 27' | 96°36'00" | 30.30' | 45.52' |

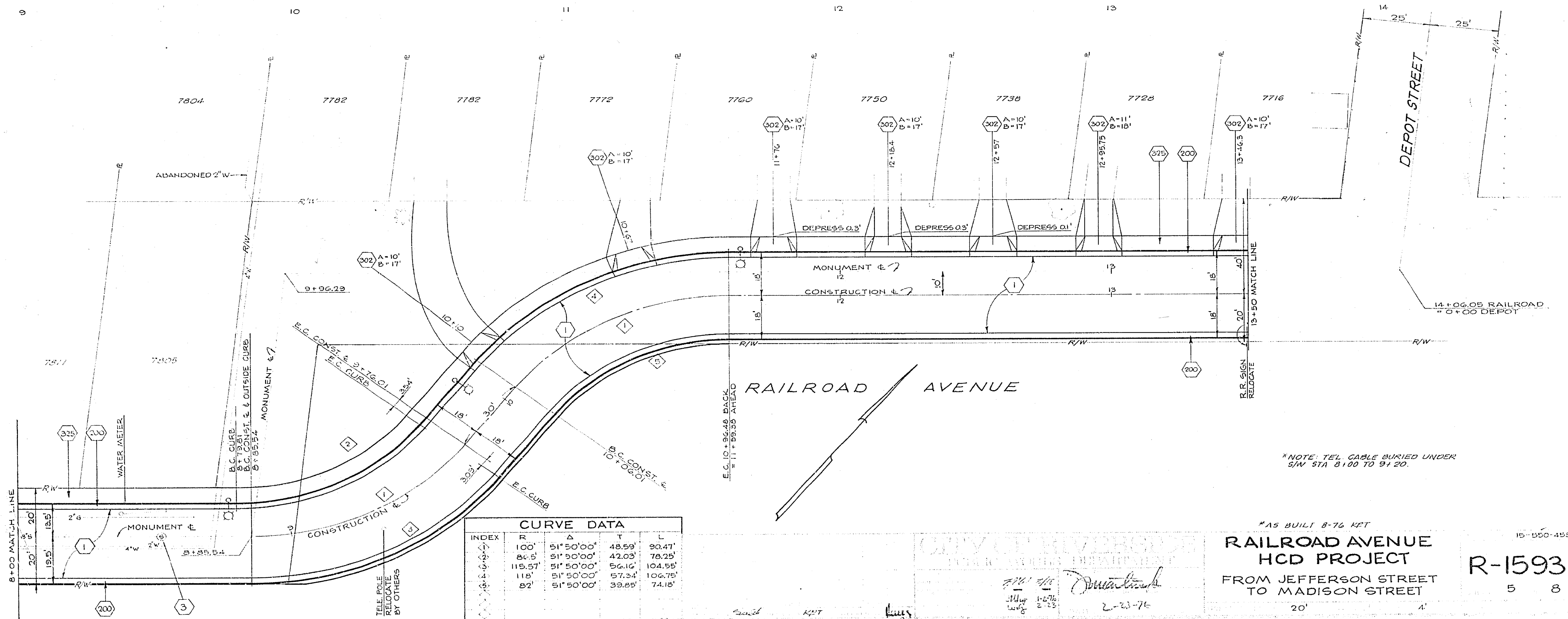
CITY OF RIVERSIDE
 PUBLIC WORKS DEPARTMENT
 2/21/16
 2-21-16

"AS BUILT 8-76 HPT"
 RAILROAD AVENUE
 HCD PROJECT
 FROM JEFFERSON STREET
 TO MADISON STREET

R-1593
 6 8



BENCH MARK 601-18-68 ELEV. 852.12
 U.S.C. & G.S. BRASS DISK STAMPED Q-38 1924
 LOCATED 20' N.W. OF A.T. & S.F. TRACK IN THE
 WEST HDWL. OF CULVERT 123 SW. OF
 JEFFERSON ST PER C.R. PRECISE LEVEL NET
 F.B. 960/14



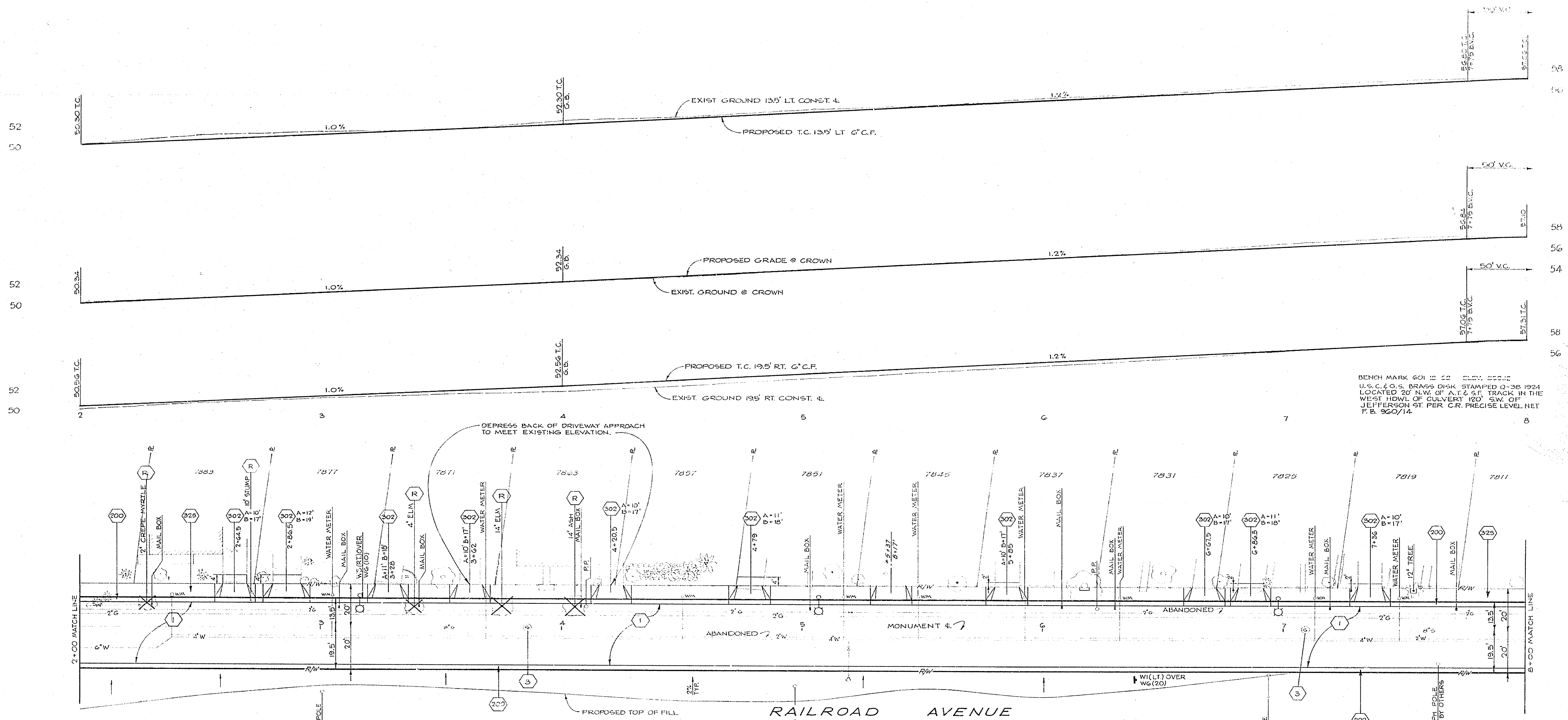
| CURVE DATA | | | | |
|------------|---------|-------------|--------|---------|
| INDEX | R | Δ | T | L |
| 1 | 100' | 51° 50' 00" | 48.59' | 90.47' |
| 2 | 84.5' | 51° 50' 00" | 42.03' | 79.25' |
| 3 | 115.57' | 51° 50' 00" | 56.10' | 104.95' |
| 4 | 118' | 51° 50' 00" | 57.34' | 106.78' |
| 5 | 82' | 51° 50' 00" | 39.89' | 74.18' |

* NOTE: TEL. CABLE BURIED UNDER
 S/W. STA 8100 TO 9120.

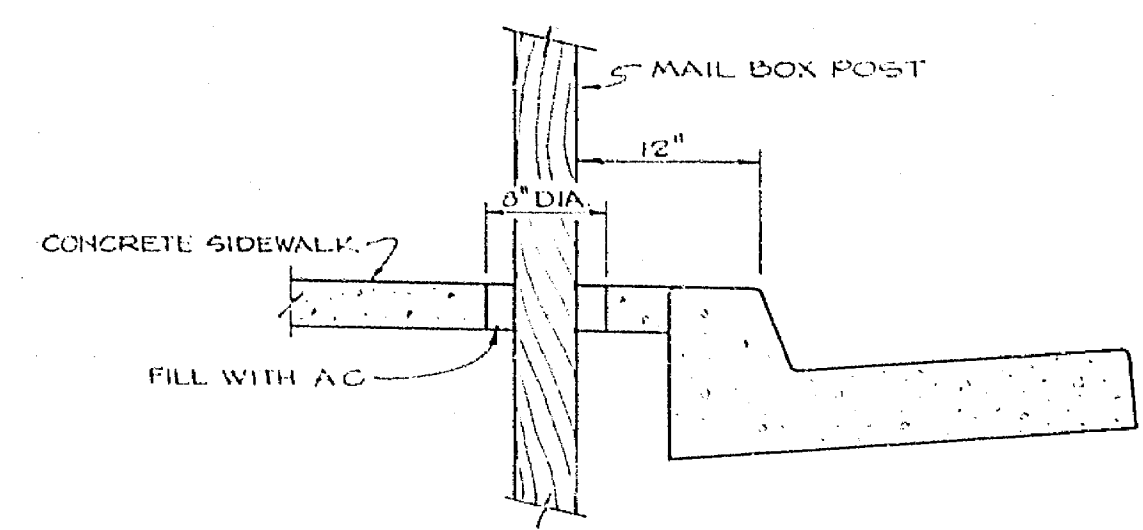
AS BUILT 8-76 KPT
**RAILROAD AVENUE
 HCD PROJECT**
 FROM JEFFERSON STREET
 TO MADISON STREET

R-1593

5 8



BENCH MARK 601 IS 00 I.D.M. 250.12
 U.S.C. & G.S. BRASS DISK STAMPED Q-38 1924
 LOCATED 20' N.W. OF A.T. & S.F. TRACK IN THE
 WEST HDL. OF CULVERT 100' SW. OF
 JEFFERSON ST. PER C.R. PRECISE LEVEL NET
 F.B. 960/14.



MAIL BOX LOCATION DETAIL
 NOT TO SCALE

* NOTE: TEL. CABLE BURIED UNDER 5\"/>

CITY OF RIVERSIDE
 PUBLIC WORKS DEPARTMENT
 2-23-75

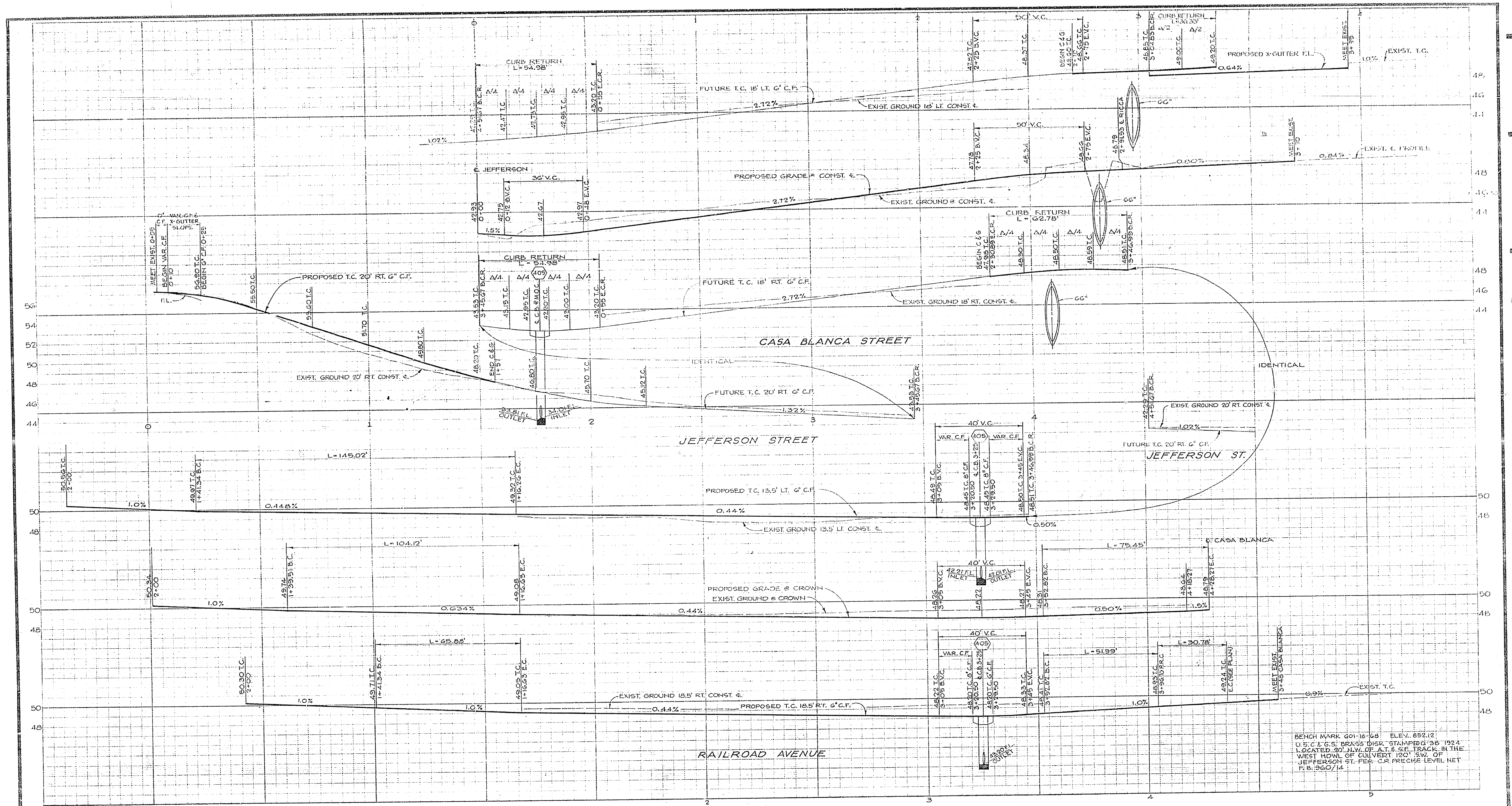
* A5 BUILT 8-16 KPT
RAILROAD AVENUE
HCD PROJECT
 FROM JEFFERSON STREET
 TO MADISON STREET

R-1593
 4 8

Smith KPT

20' 4'

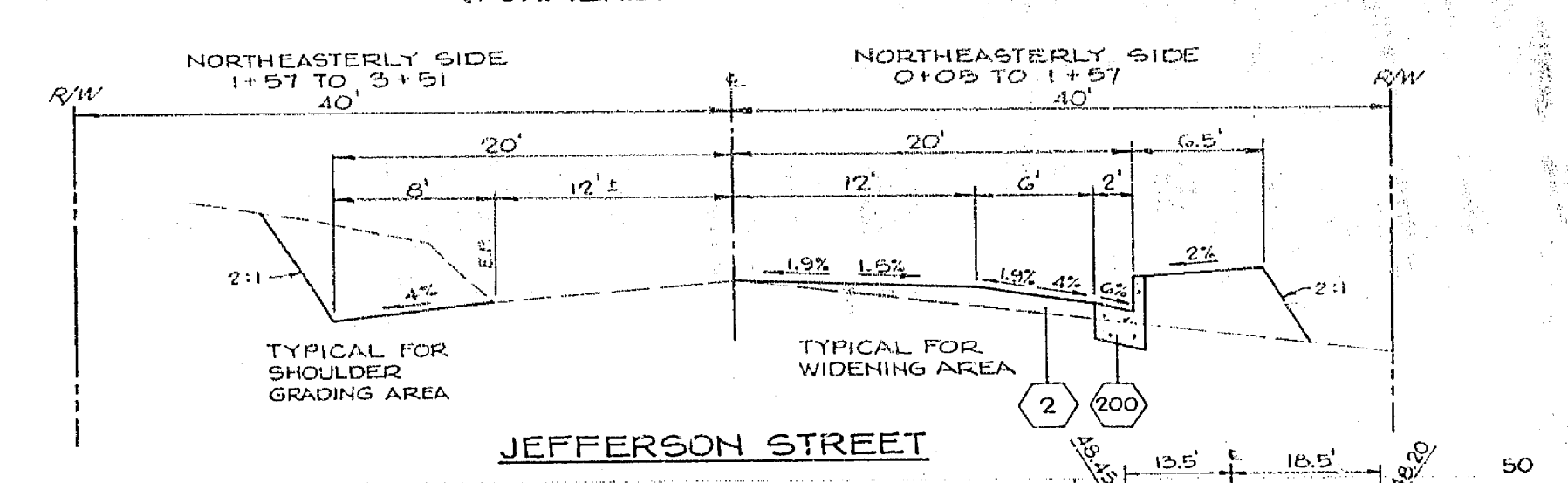
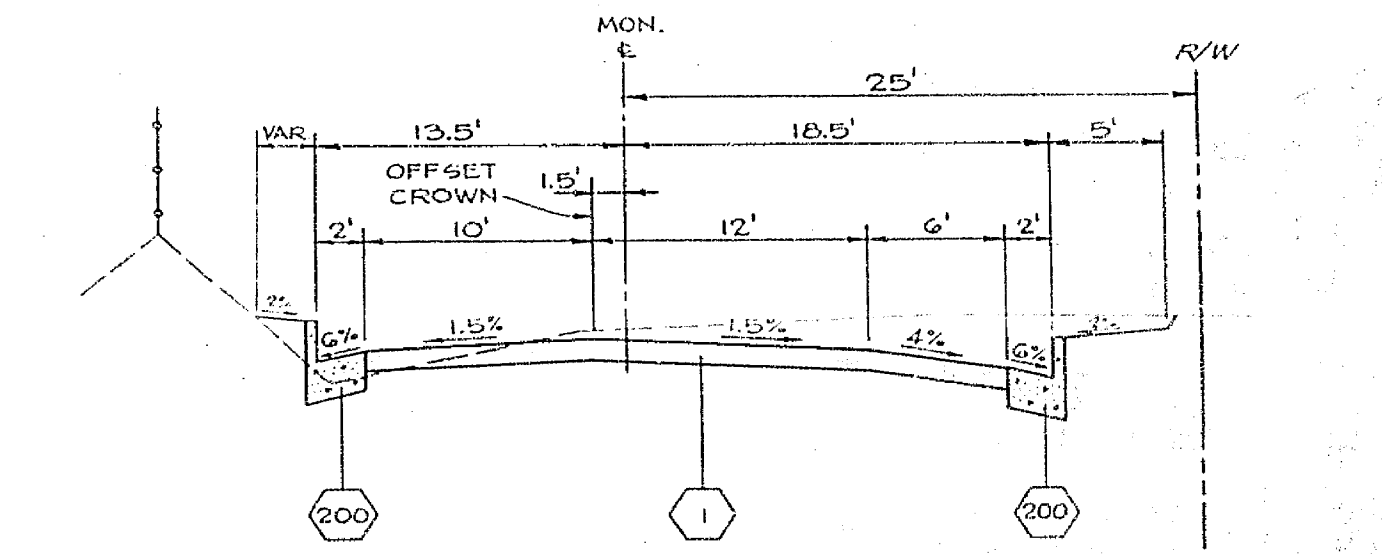
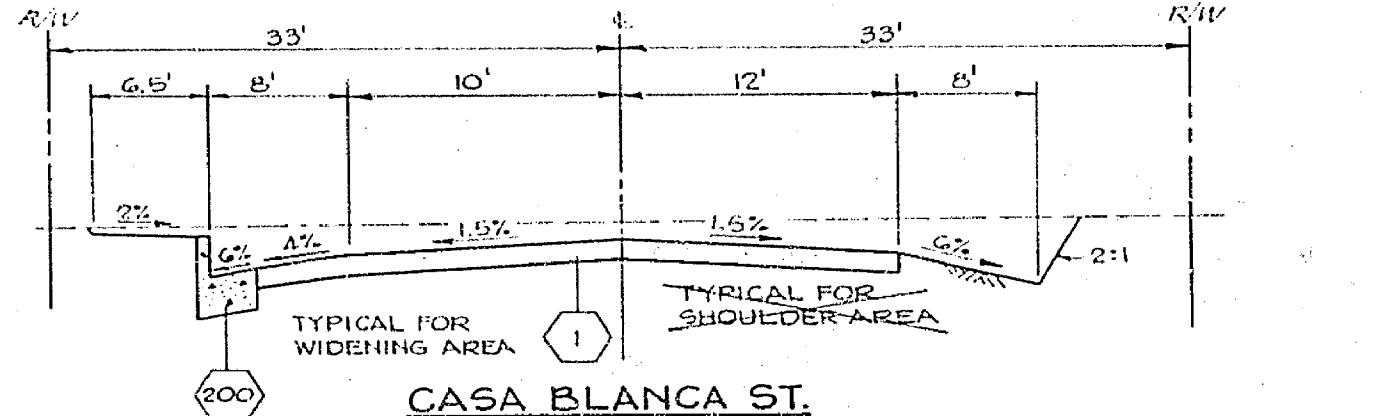
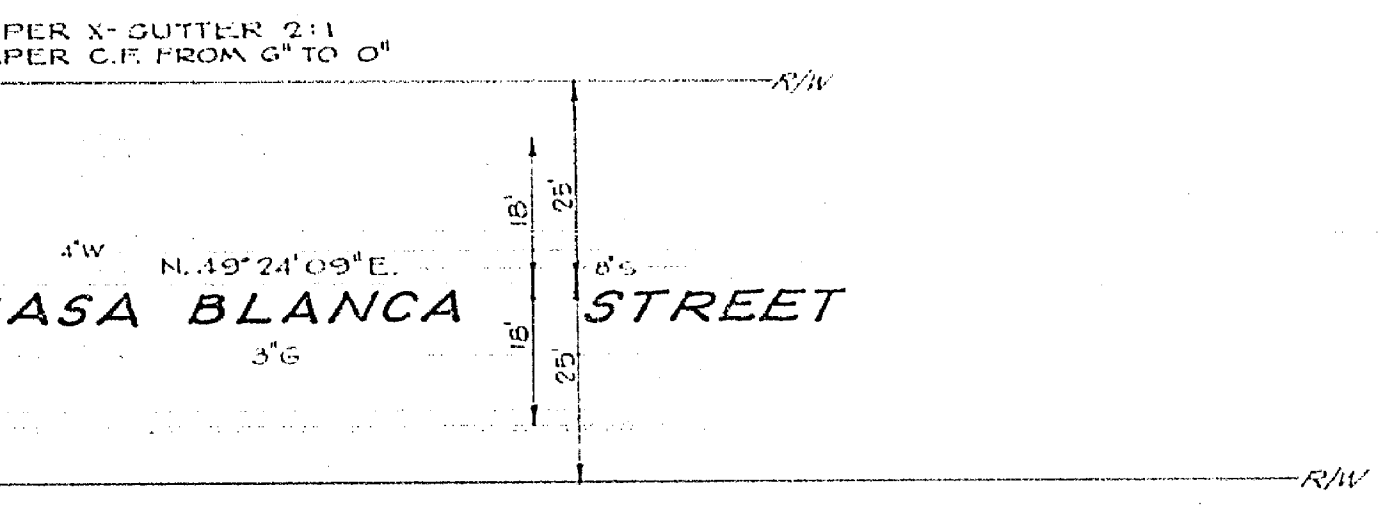
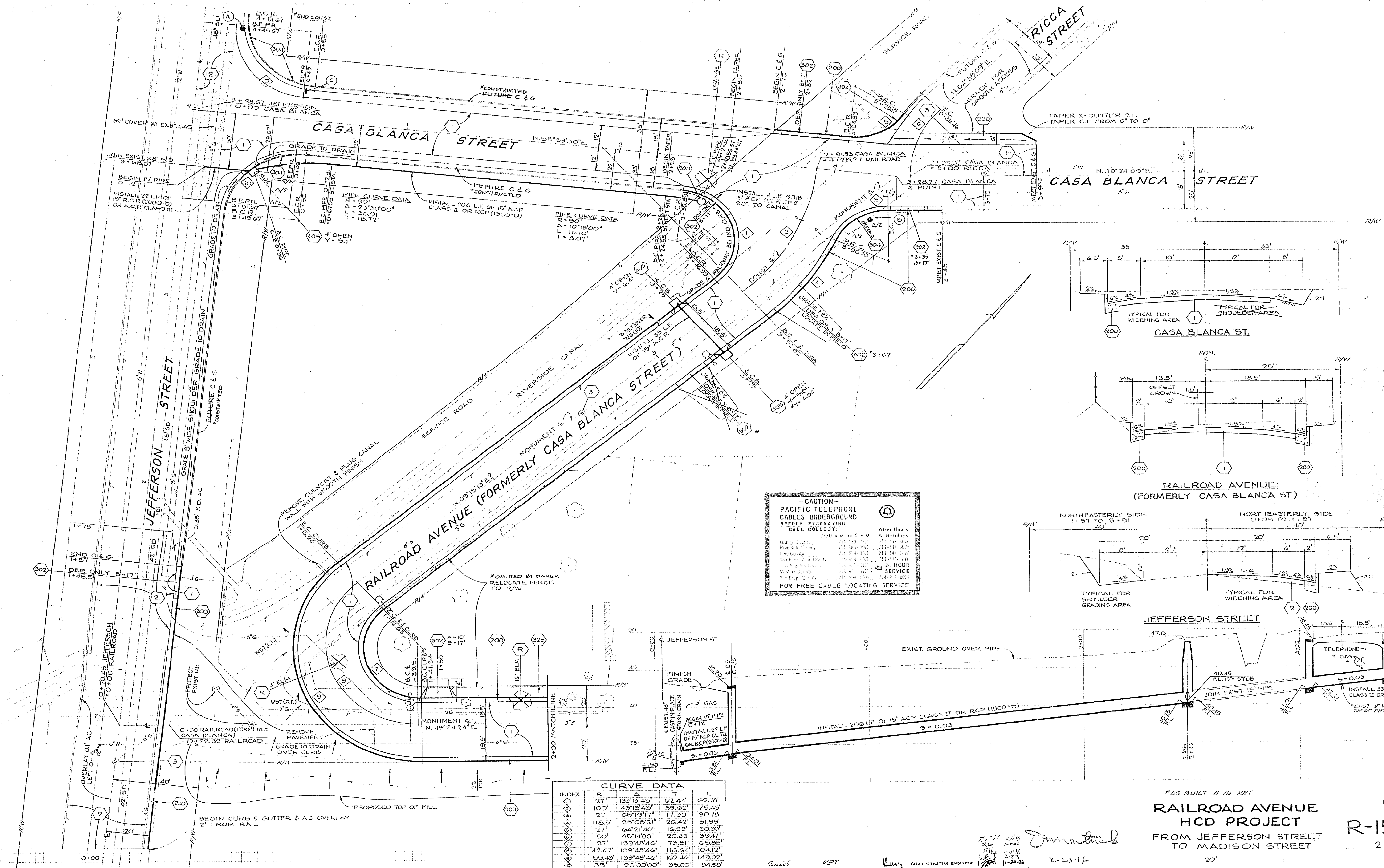
55.0
11.0
11.0
82.0
2.8
11
11
55



72
11
11
82
8.5
11
17
22

*AS BUILT 8-76 KPT

| | | |
|---|---|---|
| <p>CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT</p> <p>APPROVED BY: <i>[Signature]</i> DATE: 1-1-76</p> | <p>RAILROAD AVENUE HCD PROJECT FROM JEFFERSON STREET TO MADISON STREET</p> | <p>ACCOUNT NO. 15-1550-453</p> <p>R-1593</p> <p>SHEET 3 OF 8</p> <p>FILE NO.</p> |
| <p>HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'</p> | | |



- CAUTION -
PACIFIC TELEPHONE
CABLES UNDERGROUND
BEFORE EXCAVATING
CALL COLLECT:

| | | |
|----------------------|--------------|-----------------|
| Orange County | 714-633-3521 | 714-533-5100 |
| Riverside County | 714-942-1901 | 714-933-0000 |
| Imperial County | 714-964-0001 | 714-964-0000 |
| Santa Barbara County | 714-964-0001 | 714-964-0000 |
| San Diego County | 714-291-3114 | 24 HOUR SERVICE |
| San Diego County | 714-291-3114 | 714-291-1007 |

FOR FREE CABLE LOCATING SERVICE

CURVE DATA

| INDEX | R | Δ | T | L |
|-------|--------|------------|---------|---------|
| 1 | 27' | 133°19'43" | 62.44' | 62.78' |
| 2 | 100' | 42°13'43" | 39.62' | 75.45' |
| 3 | 21' | 65°19'17" | 17.20' | 30.70' |
| 4 | 118.5' | 25°08'21" | 26.42' | 51.99' |
| 5 | 27' | 64°21'40" | 16.99' | 30.38' |
| 6 | 50' | 45°14'00" | 20.83' | 39.47' |
| 7 | 27' | 139°48'46" | 73.81' | 65.86' |
| 8 | 42.67' | 139°48'46" | 116.64' | 104.12' |
| 9 | 59.43' | 139°48'46" | 162.46' | 149.02' |
| 10 | 35' | 90°00'00" | 35.00' | 54.98' |

*AS BUILT 8-76 KPT
**RAILROAD AVENUE
 HCD PROJECT**
 FROM JEFFERSON STREET
 TO MADISON STREET

R-1593
 2 8

CHIEF UTILITIES ENGINEER
 11-20-76

RIVERSIDE CITY OF RIVERSIDE CALIFORNIA

PUBLIC WORKS DEPARTMENT

CONSTRUCTION LEGEND



CONSTRUCT PER CITY OF RIVERSIDE STANDARD DRAWINGS:

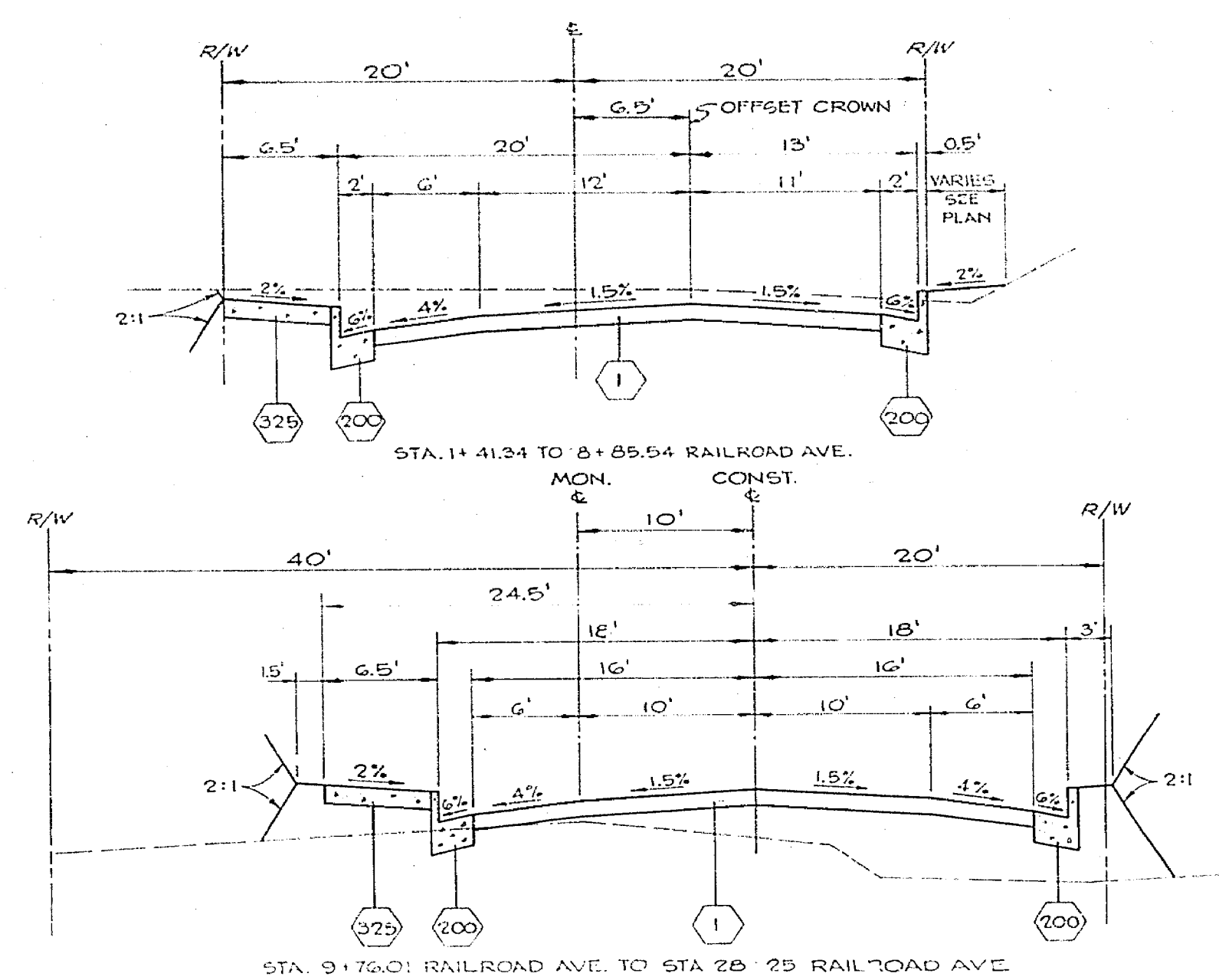
| SECTION | PLAN | DESCRIPTION |
|---------|------|--|
| | | 200 CONST. CURB & GUTTER PER STD. DWG. NO. 200. CURB FACE AS NOTED ON PROFILE. |
| | | 220 CONST. CROSS GUTTER PER STD. DWG. NO. 220. |
| | | 250 CONST. ASPHALT CONC. BERM PER STD. DWG. NO. 250, TYPE I. |
| | | 302 CONST. DRIVEWAY APPROACH PER STD. DWG. NO. 302. |
| | | 304 CONST. WHEELCHAIR RAMP PER STD. DWG. NO. 304. |
| | | 325 CONST. SIDEWALK PER STD. DWG. NO. 325. |
| | | 405 CONST. CATCH BASIN PER STD. DWG. NO. 405. |
| | | 406 CONST. CATCH BASIN PER STD. DWG. NO. 406. PROVIDE 6" x 2" OPENING IN THE BACK. |
| | | 1 CONST. FULL DEPTH ASPHALT CONC. PAVEMENT OR AC OVER DG AS PER STRUCTURAL SCHEDULE. |
| | | 2 OVERLAY EXIST. PAVEMENT WITH VARIABLE THICKNESS OF ASPHALT CONC. |
| | | 3 ADJUST EXIST. MANHOLE TO GRADE. |
| | | R ENTIRE TREE TO BE REMOVED. |
| | | T PALM TREE TO BE TRANSPLANTED. |
| | | REPLACE OR REGRADE DRIVEWAY TO GRADE AS DIRECTED BY THE ENGINEER. MATERIAL AS SHOWN ON THE PLAN. |
| | | 500 CONST. MANHOLE PER STD. DWG. NO. 500. |

GENERAL CONSTRUCTION NOTES

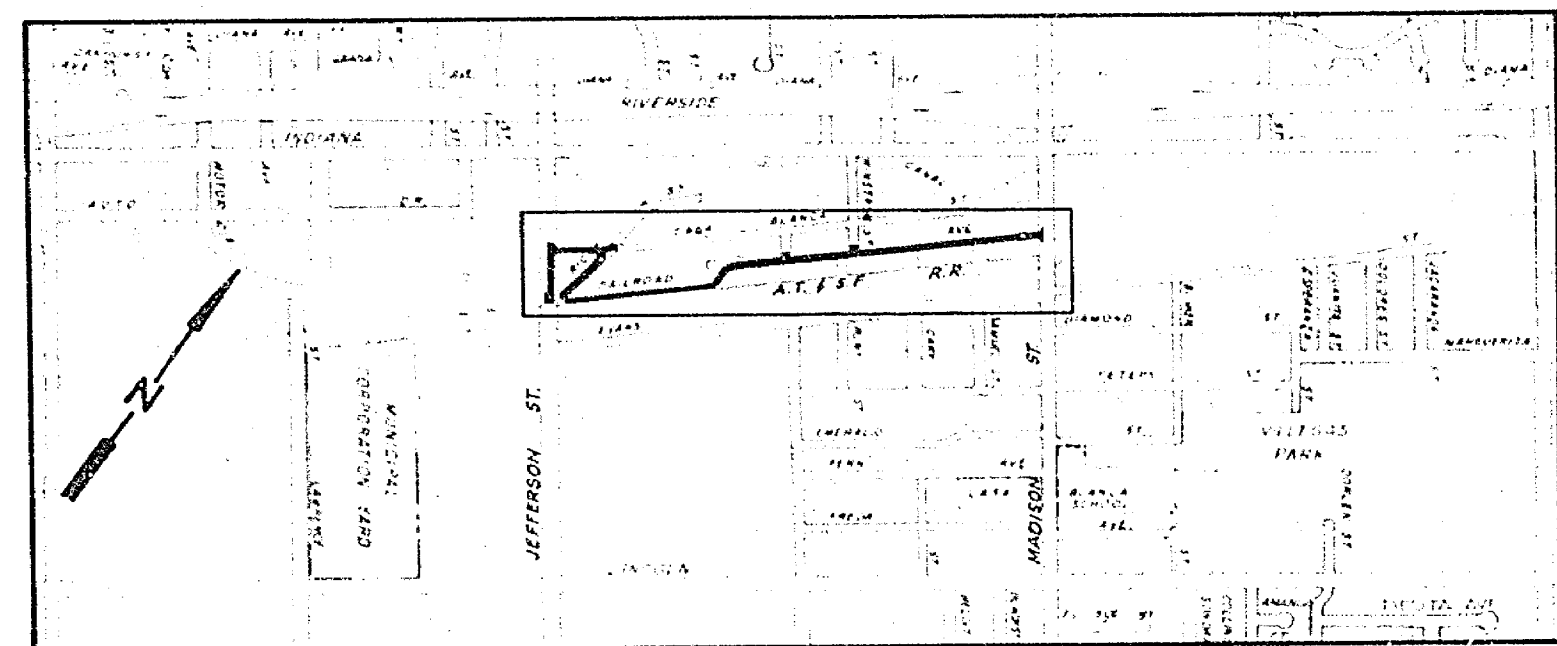
- WHERE NEW CONSTRUCTION IS INDICATED:
 - REMOVE ALL CURB, GUTTER, SIDEWALK AND PCC.
 - REMOVE ALL CURB, GUTTER, SIDEWALK AND PCC.
 - SCARIFY OR REMOVE ALL AC PAVEMENT EXCEPT WHERE OVERLAY OF EXIST. PAVEMENT IS SHOWN ON PLAN.
- TRANSITION NEW CONSTRUCTION TO MEET EXIST. FACILITIES AS DIRECTED BY INSPECTOR.
- DRAIN PIPES SHALL BE INSTALLED PER STD. 452, BACKFILL SHALL BE PER STD. 453.
- EXIST. UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM UTILITY RECORDS. LOCATIONS AND DEPTHS ARE APPROXIMATE. THE CONTRACTOR IS REQUIRED TO PROTECT UTILITIES IN THE WORK AREA WHETHER OR NOT SHOWN ON PLAN.
- ALL TRAFFIC SIGNS IN AREA OF CONSTRUCTION SHALL BE SALVAGED BY THE CONTRACTOR AND TURNED OVER TO THE CITY OF RIVERSIDE TRAFFIC ENGINEERING DIVISION. STREET NAME SIGNS SHALL BE LOCATED BY THE CONTRACTOR WHERE DESIGNATED ON THE PLAN BY 'S' AND SHALL BE SET PER STD. 662. TRAFFIC SIGNS TO BE SET PER STD. 666. ALL SIGNS SHALL BE LOCATED AS DIRECTED BY THE TRAFFIC DIVISION. IN AREAS OF NEW CONC. PROVIDE 8" DIAMETER HOLES FOR SIGNS.
- THESE PLANS ARE FOR STREET CONSTRUCTION ONLY. STREET LIGHTS SHALL BE CONSTRUCTED FROM THE ATTACHED SUBJECT PLANS.
- ALL MAIL BOXES WITHIN CONSTRUCTION AREA SHALL BE RELOCATED TO 12" BEHIND CURB IN AN 8" DIAMETER HOLE. TOP OF POST TO BE 42" - 48" ABOVE F.L. IF POSSIBLE. SEE DETAIL ON SHEET NO. 4.
- FILL & GRADE ALL DIRT DRIVEWAYS TO PROVIDE SMOOTH ACCESS.

EXISTING UNDERGROUND & TOPOGRAPHY LEGEND

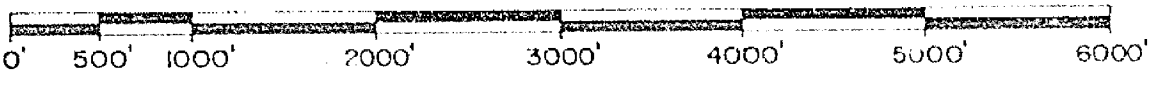
| EXISTING UNDERGROUND UTILITIES | EXISTING TOPOGRAPHY |
|---|--|
| <ul style="list-style-type: none"> SEWER WATER STORM DRAIN PHONE TELEPHONE POWER TRASH | <ul style="list-style-type: none"> TOP OF SLOPE TOE OF SLOPE DIRECTION OF FLOW BRICK WALL BRAND FENCE WIRE FENCE CHAIN LINK FENCE |



TYPICAL SECTIONS NOT TO SCALE



PROJECT LOCATION PLAN

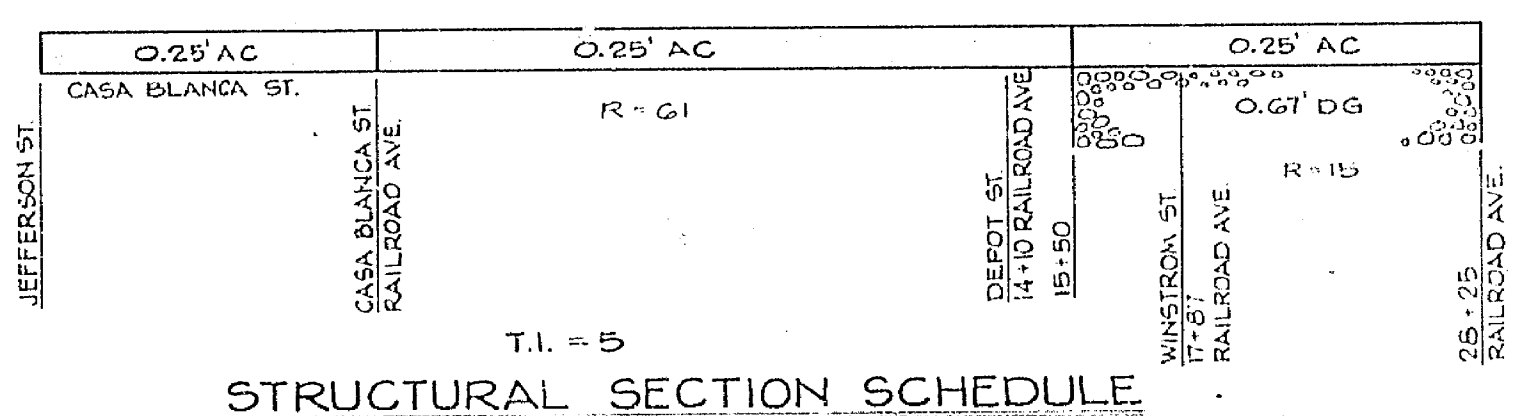


SCALE 1" = 1000'

EXISTING TOPOGRAPHY

| EXISTING TOPOGRAPHY | EXISTING UNDERGROUND UTILITIES |
|---|---|
| <ul style="list-style-type: none"> BRICK WALL BRAND FENCE WIRE FENCE CHAIN LINK FENCE | <ul style="list-style-type: none"> SEWER WATER STORM DRAIN PHONE TELEPHONE POWER TRASH |

| | | |
|---|----------------------------|------|
| A | CASA BLANCA ST | 7800 |
| B | JEFFERSON ST | 3300 |
| C | CASA BLANCA ST | 7800 |
| C | RAILROAD AVE | 3200 |
| C | RI (STOP SIGN) 30" OCTAGON | |



STRUCTURAL SECTION SCHEDULE

AS BUILT 8-76 1/2"

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT

RAILROAD AVENUE HCD PROJECT

ACCOUNT NO. 15-500-493 DRAWING NUMBER **R-1593** SHEET 1 OF 8

DESIGNED BY: [Signature] DATE: 7/20/78

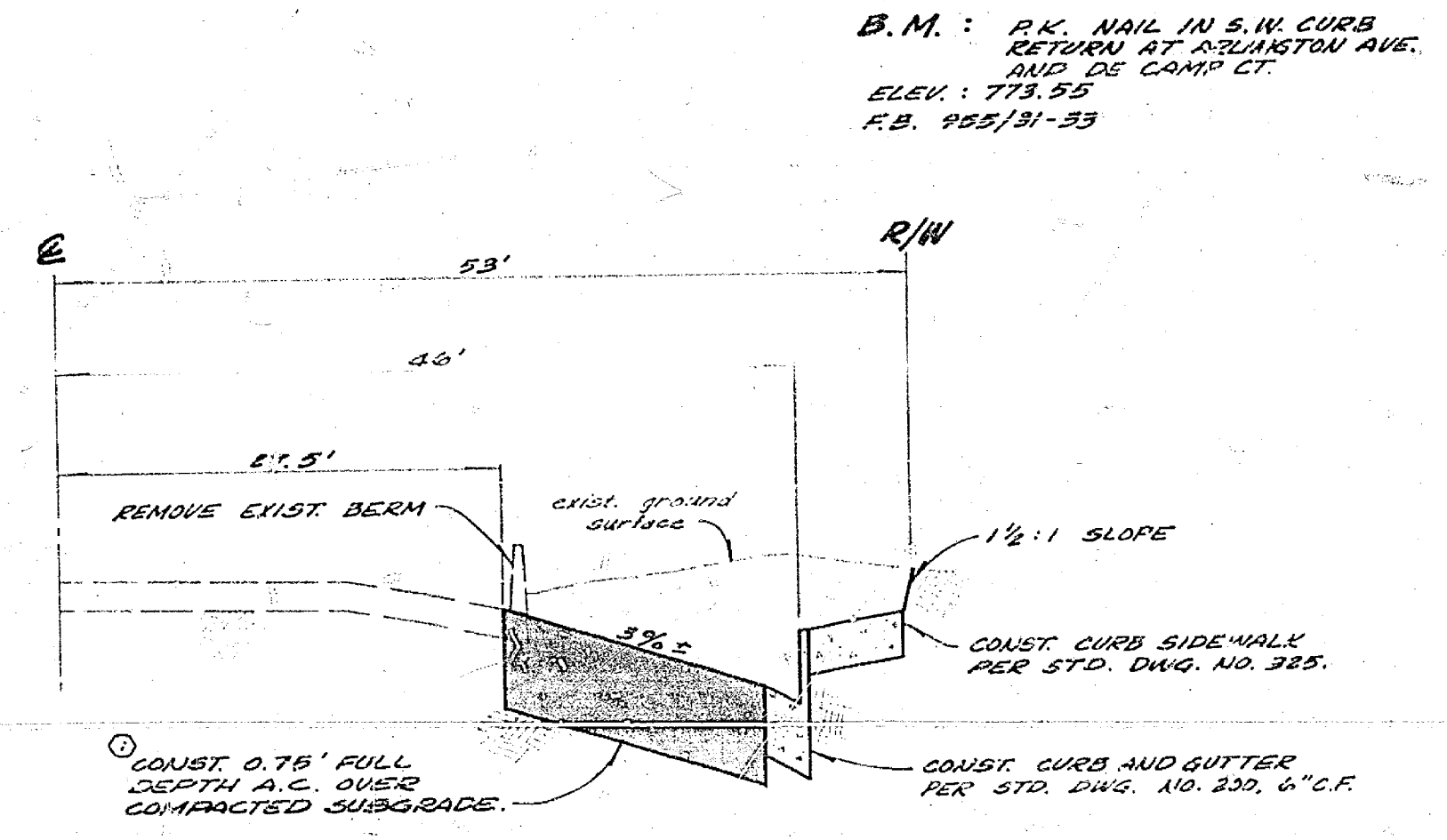
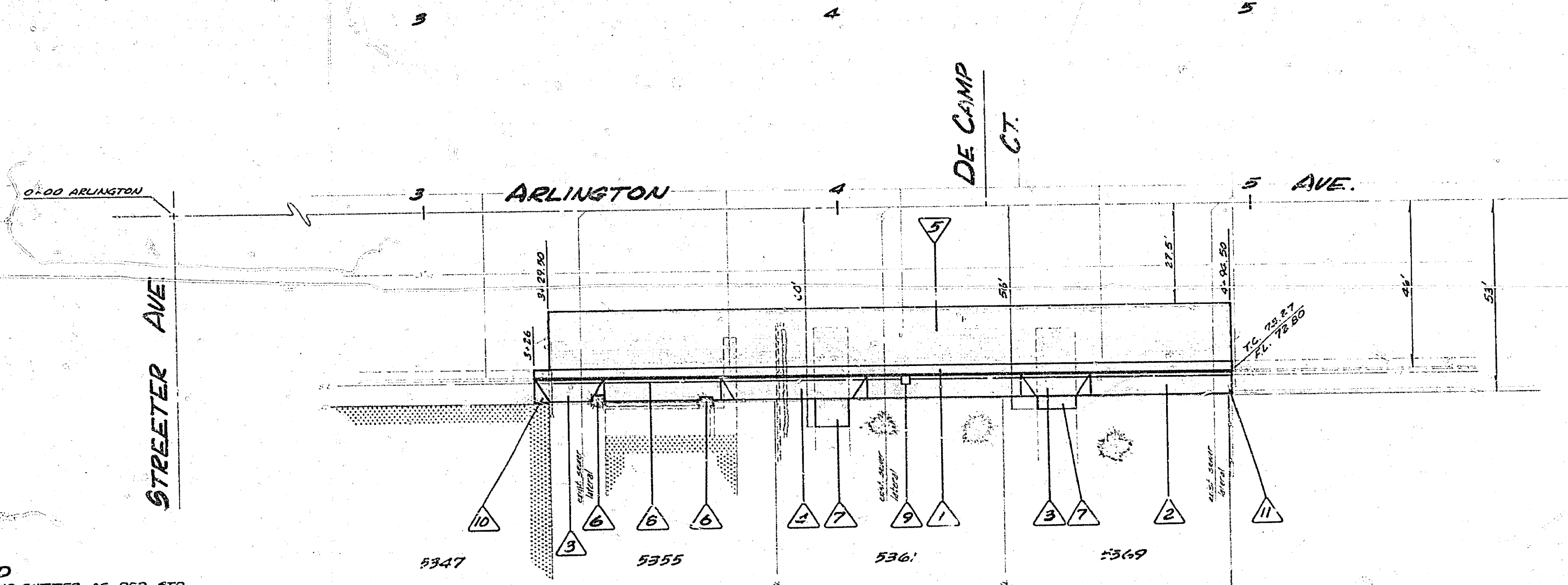
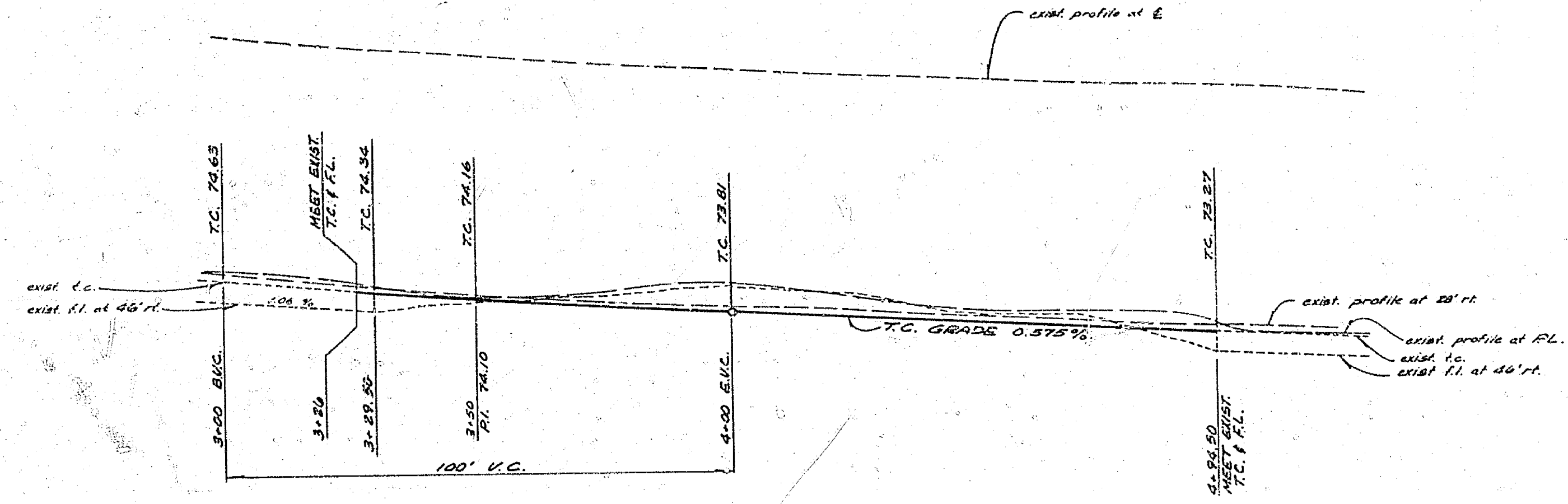
APPROVED BY: [Signature] DATE: 7/20/78

76
75
74

75
74
73

75
74
73

74
73
72



TYPICAL SECTION
SCALE: HOR. 1"=10'
VER. 1"=1'

- LEGEND**
- ▲ CONST. CURB AND GUTTER AS PER STD. DWG. NO. 300, 6" C.F.
 - ▲ CONST. CURB SIDEWALK AS PER STD. DWG. NO. 305
 - ▲ CONST. DIV. APPROACH AS PER STD. DWG. NO. 302, A=10', B=17'
 - ▲ CONST. DIV. APPROACH AS PER STD. DWG. NO. 302, A=15', B=35'
 - ▲ REMOVE EXIST. OBSTRUCTIONS AND CONST. 3" FULL DEPTH A.C. OVER COMPACTED SUBGRADE. (1)
 - ▲ BLOCK OUT SIGN FOR 2 TREES TO REMAIN AS DIRECTED.
 - ▲ ADJUST CONC. DRIVEWAYS ON PRIVATE PROPERTY, P.C.C., 6" THICK. RIGHT OF ENTRY OBTAINED BY CITY.
 - ▲ INSTALL 1" STEEL CONDUIT. CONNECT TO EXIST. STUB OUT.
 - ▲ INSTALL STREET LIGHT FOUNDATION PER ITCM 110. USE OF STD. PLAN 058-001.
 - ▲ REMOVE 3.5' OF EXIST. CURB, GUTTER AND SIDEWALK AND CONST. DIV. APPROACH APPROX. REMOVE PORTION OF INTERFERING CURB. RIGHT OF ENTRY LINE BEING OBTAINED.

UNREVISED PLAN
NO. 159-247-30

ARLINGTON AVE. WIDENING R-1599

FROM 325' WLY OF STREETER AVE.
TO 500' WLY OF STREETER AVE.

20' 2'