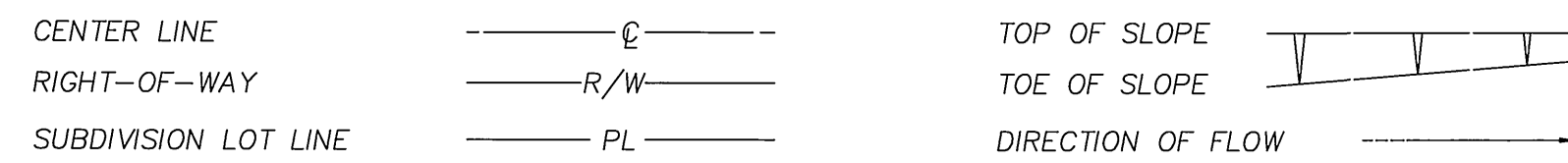


CONSTRUCTION LEGEND



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.
- AB ABANDON, IF APPLIED TO CONDUIT, REMOVE CONDUCTORS.
- ADJ 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.
- CC CONNECT NEW AND EXISTING 2" CONDUIT. REMOVE ALL CONDUCTORS BETWEEN PULL BOX (ADJACENT TO ADVANCED LOOPS) AND CONTROLLER CABINET, AND INSTALL NEW IDLC AND OLD CONDUCTORS.
- C51 CONSTRUCT STRUCTURAL SECTION OF 0.50' D.G.A.C. OVER 1.50' C.A.B. OVER COMPACTED NATIVE SOIL.
- C52 CONSTRUCT STRUCTURAL SECTION OF 0.50' D.G.A.C. OVER 0.65' C.A.B. OVER COMPACTED NATIVE SOIL.
- G1 COLD MILL PAVEMENT TO A DEPTH OF 0.08' BELOW GUTTER LIP AND DAYLIGHT TO MEET EXISTING PAVEMENT IN 5.0 FT.
- REL RELOCATE EXISTING TRAFFIC CONTROL SIGNS AS DIRECTED BY THE PUBLIC WORKS INSPECTOR AND PER STANDARD DRAWING NUMBER 666.
- T I TRANSPLANT EXISTING PALM TREE ON SITE AS DIRECTED BY THE STREET TREE INSPECTOR AND AS DESCRIBED IN THE ACCOMPANYING SPECIAL PROVISIONS. FOR LOCATION AND DIAMETER SEE PLAN.
- TDL5 TRAFFIC DETECTOR LOOP INSTALLATIONS. NUMBER OF DETECTOR LOOPS.
- W WATER METER TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, WATER DIVISION.
- A INDICATES DETAIL
- 3 INDICATES SHEET NO.
- 1 OVERLAY EXISTING PAVEMENT WITH VARIABLE THICKNESS AC ARHM (0.10 MIN)
- 2 APPROXIMATE LOCATION OF CRACK REPAIR
- 3 REMOVE EXISTING CURB AND GUTTER
- 4 REMOVE POST MARKERS AND SALVAGE TO CITY YARD
- 5 LOCATION OF 1 1/2" AND 4" SCH 40 PVC IRRIGATION SLEEVES SEE IRRIGATION PLANS

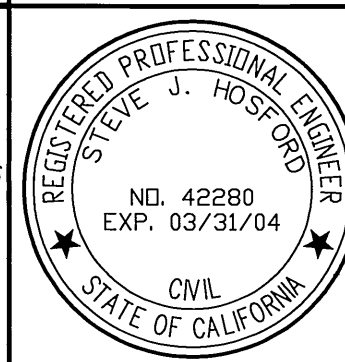
STORM DRAIN CONSTRUCTION NOTES

- 1 CONSTRUCT 18" RCP, CONCRETE JOINT-FLARED BELL DESIGN (SEE PROFILE FOR D-LOAD). 13 L.F.
- 2 CONSTRUCT 21" RCP, CONCRETE JOINT-FLARED BELL DESIGN (SEE PROFILE FOR D-LOAD). 15 L.F.
- 3 CONSTRUCT 24" RCP, CONCRETE JOINT-FLARED BELL DESIGN (SEE PROFILE FOR D-LOAD). 145 L.F.
- 4 CONSTRUCT C.S.P. INLET PER CITY OF RIVERSIDE STD. DWG. NO. 412. 1 EA.
- 5 CONSTRUCT MONOLITHIC CORNER CONNECTION PER RCFC & WCD STD. DWG. NO. CB 109. 2 EA.
- 6 CONSTRUCT CONCRETE FLARED END SECTIONS PER CALTRANS STD. DWG. D94B. 2 EA.
- 7 CONSTRUCT CATCH BASIN PER CITY OF RIVERSIDE STD. CB 405. 3 EA.
- 8 CONSTRUCT JUNCTION STRUCTURE B PER CITY OF RIVERSIDE STD. DWG. NO. 421. 1 EA.
- 9 CONSTRUCT JUNCTION STRUCTURE C PER CITY OF RIVERSIDE STD. DWG. NO. 422. 1 EA.
- 10 CONSTRUCT CONCRETE COLLAR PER CITY OF RIVERSIDE STD. DWG. NO. 424. 5 EA.
- 11 REMOVE EXISTING PIPE. 11 L.F.
- 12 REMOVE EXISTING RISER. 2 EA.
- 13 CONSTRUCT CONCRETE BULKHEAD PER RCFC & WCD STD. DWG. NO. M816. 1 EA.

ESTIMATED QUANTITIES

CITY OF RIVERSIDE BENCHMARK "H3-F3"
 ELEVATION: 741.229' (NGVD1929)
 DESCRIPTION:
 LEAD AND TACK IN TOP OF CURB OF THE MEDIAN NOSE OF VAN BUREN BOULEVARD, SOUTH EASTERLY OF THE INTERSECTION OF CENTRAL AVENUE.

PRIVATE ENGINEERING NOTE:
 CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS, DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.



DESIGNED BY: AV/OS
 DRAWN BY: AV/OS
 CHECKED BY: SJH

PLANS PREPARED UNDER THE SUPERVISION OF:

 STEVE J. HOSFORD RCE 42280

DATE: 11-7-02

AEI-CASC ENGINEERING

937 SOUTH VIA LATA SUITE 500 COLTON, CA 92324
 PH. (909) 783-0101 FAX (909) 783-0108

Underground Service Alert

Call: TOLL FREE 1-800-227-2600

TWO WORKING DAYS BEFORE YOU DIG

MARK	REVISIONS	APPR.	DATE
DESIGNED BY:	DRAWN BY:	CHECKED BY:	

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT

APPROVED BY:
 DATE: 11/13/02

APPROVED BY:
 DATE: 11/13/02

CITY OF RIVERSIDE CENTRAL AVENUE WIDENING FROM VAN BUREN BLVD. TO ESSEX STREET

ACCT. NO. 9537427152-4402330X

R-3630

SHEET 1 OF 1.1

FILE NO.

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

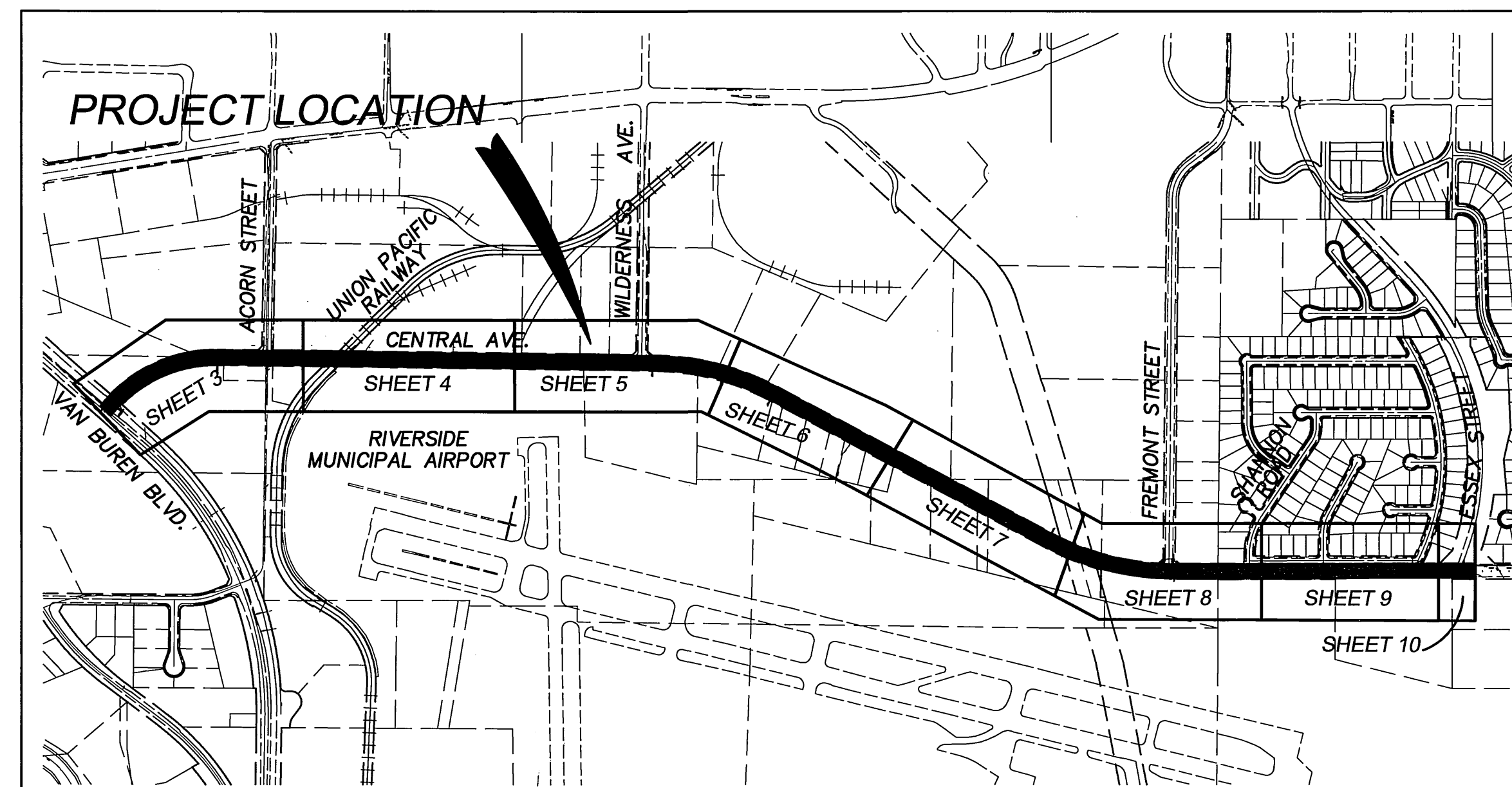
INDEXED 5-14-04

RIVERSIDE CALIFORNIA

INCORPORATED 1885
CITY OF RIVERSIDE

PUBLIC WORKS DEPARTMENT

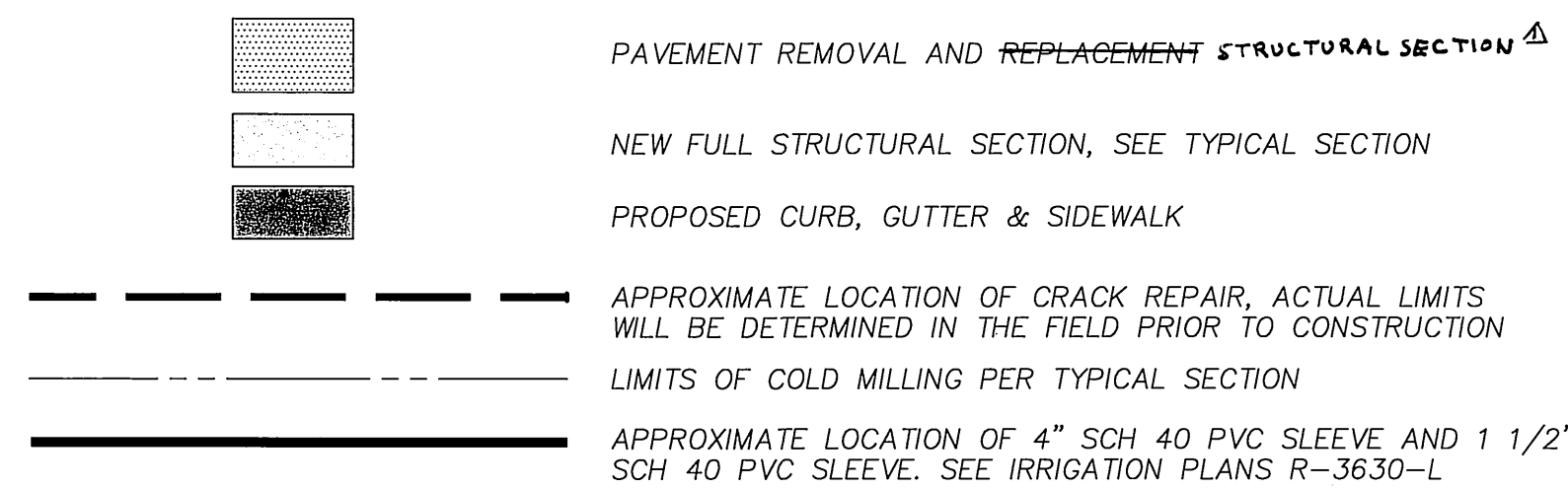
CENTRAL AVENUE WIDENING FROM VAN BUREN BOULEVARD TO ESSEX STREET



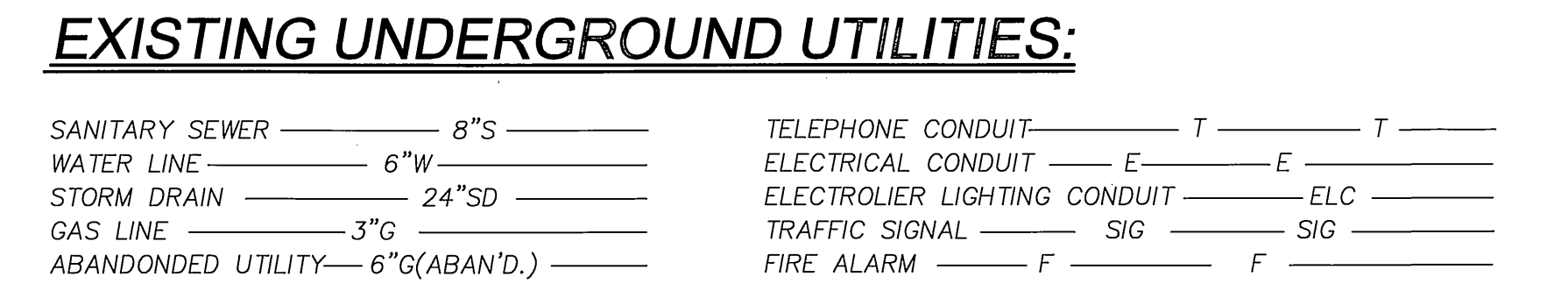
PROJECT LOCATION MAP

SCALE: 1"=700'

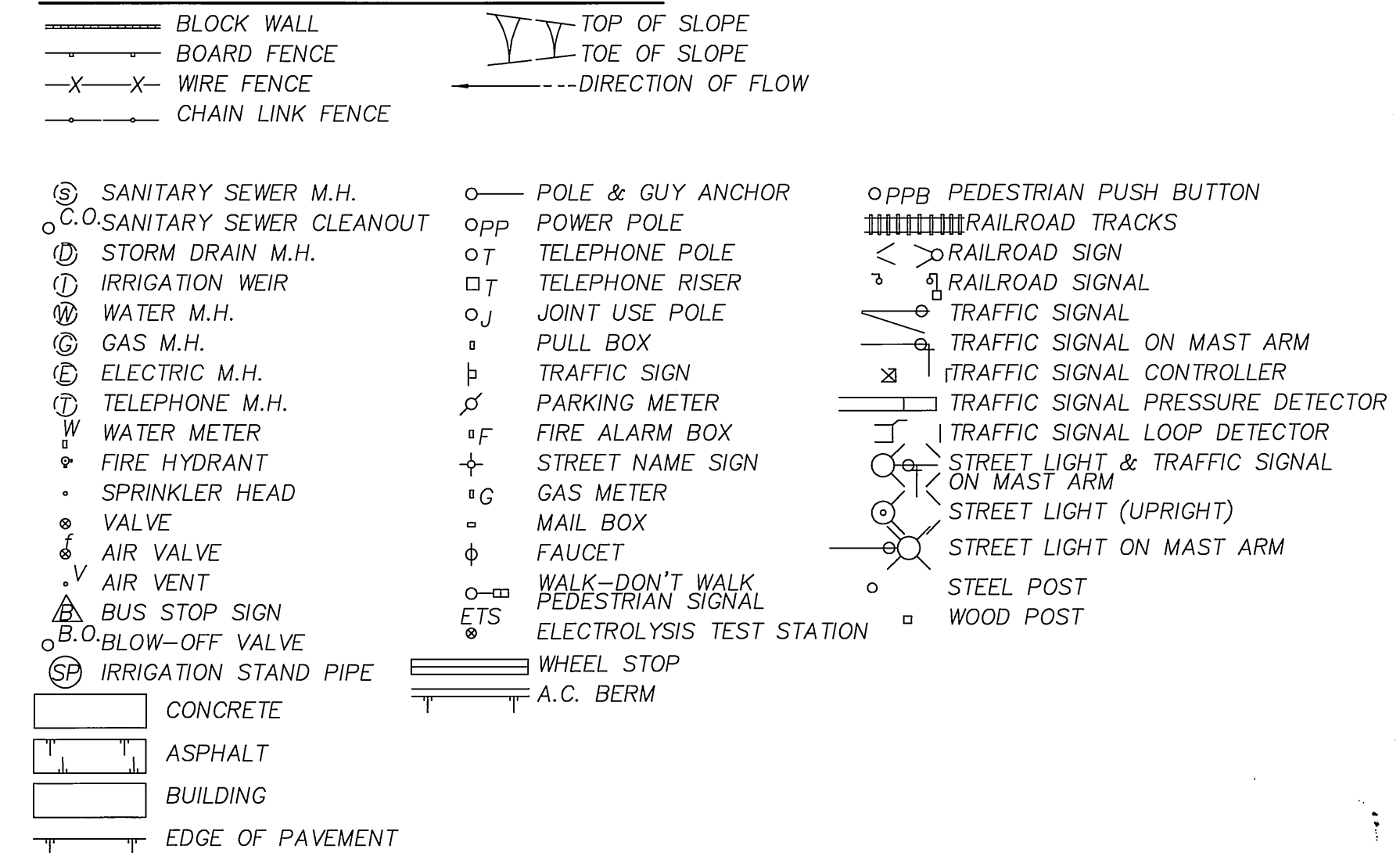
LEGEND



EXISTING UNDERGROUND & TOPOGRAPHY LEGEND



EXISTING TOPOGRAPHY:



GENERAL CONSTRUCTION NOTES

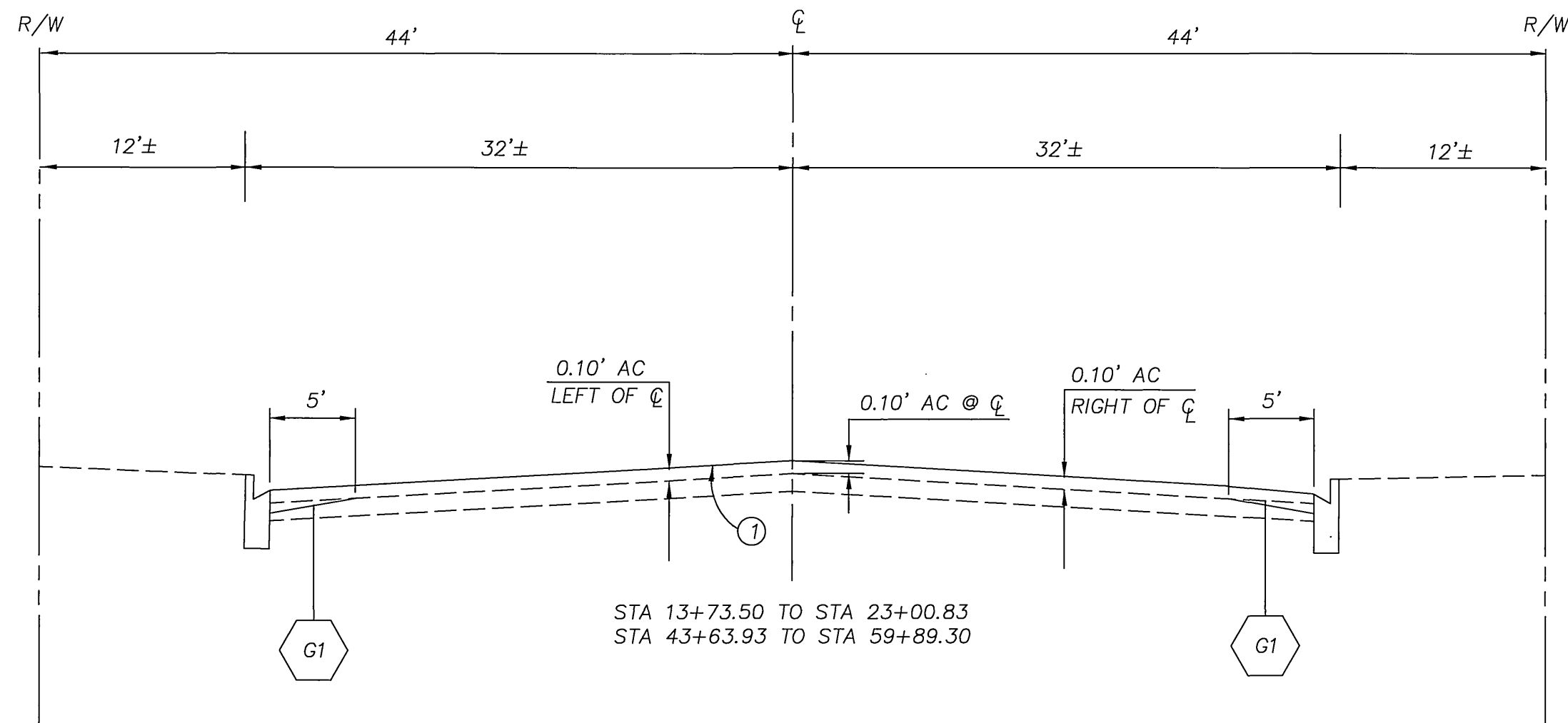
- 1 EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN. IF THE COVER OF A UTILITY IS KNOWN, IT IS SHOWN IN THE PROFILE. UTILITIES SHOWN IN THE PROFILE 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" LICENSE.
- 4 CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DWGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2001 EDITION.
- 5 TRIM EDGE OF EXISTING PAVEMENT WHERE NEW PAVEMENT JOINS TO A SMOOTH STRAIGHT LINE.
- 6 CONTRACTOR SHALL NOTIFY METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA (MWD), MR. JOE MIRONCE OF THE WATER SYSTEM OPERATIONS GROUP PHONE NUMBER (909) 776-2664 AT LEAST TWO (2) WORKING DAYS PRIOR TO STARTING ANY WORK IN THE VICINITY OF MWD FACILITIES.
- 7 CONTRACTOR SHALL ADJUST ELECTRIC MANHOLE COVERS AS DIRECTED BY PUBLIC UTILITIES INSPECTOR PHONE NUMBER (909) 826-5429.

SHEET INDEX

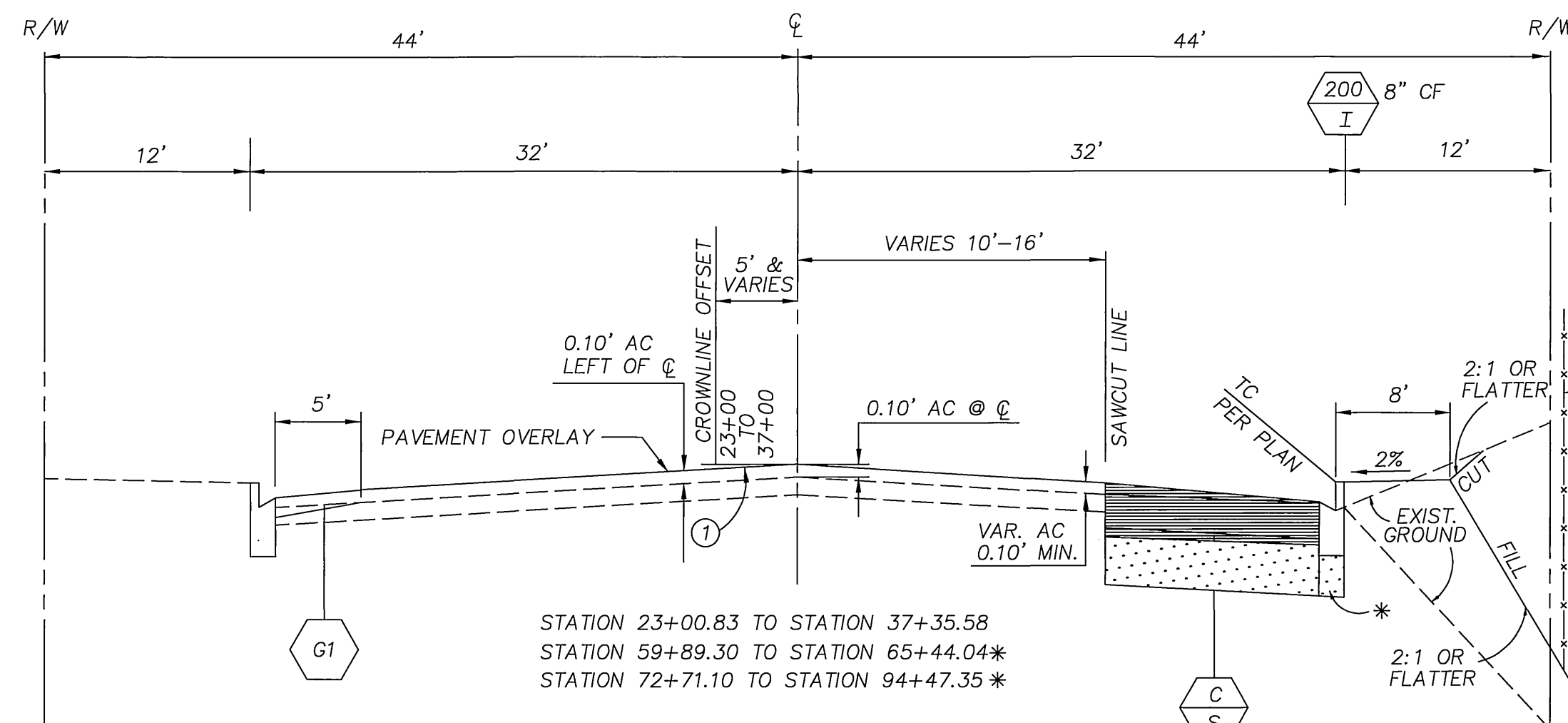
SHEET	TITLE
1	TITLE SHEET
2	TYPICAL SECTIONS
3-10	STREET IMPROVEMENTS
11	STORM DRAIN
XL-376	STRIPING
X-495A	SIGNAL AT CENTRAL AND SHANNON
L5-621163	STREET LIGHTING LAYOUT PLANS
R-3630-L	LANDSCAPING PLANS (THIRTEEN SHEETS)

*AS-BUILT 7-08-05 LPH

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NOT TO SCALE

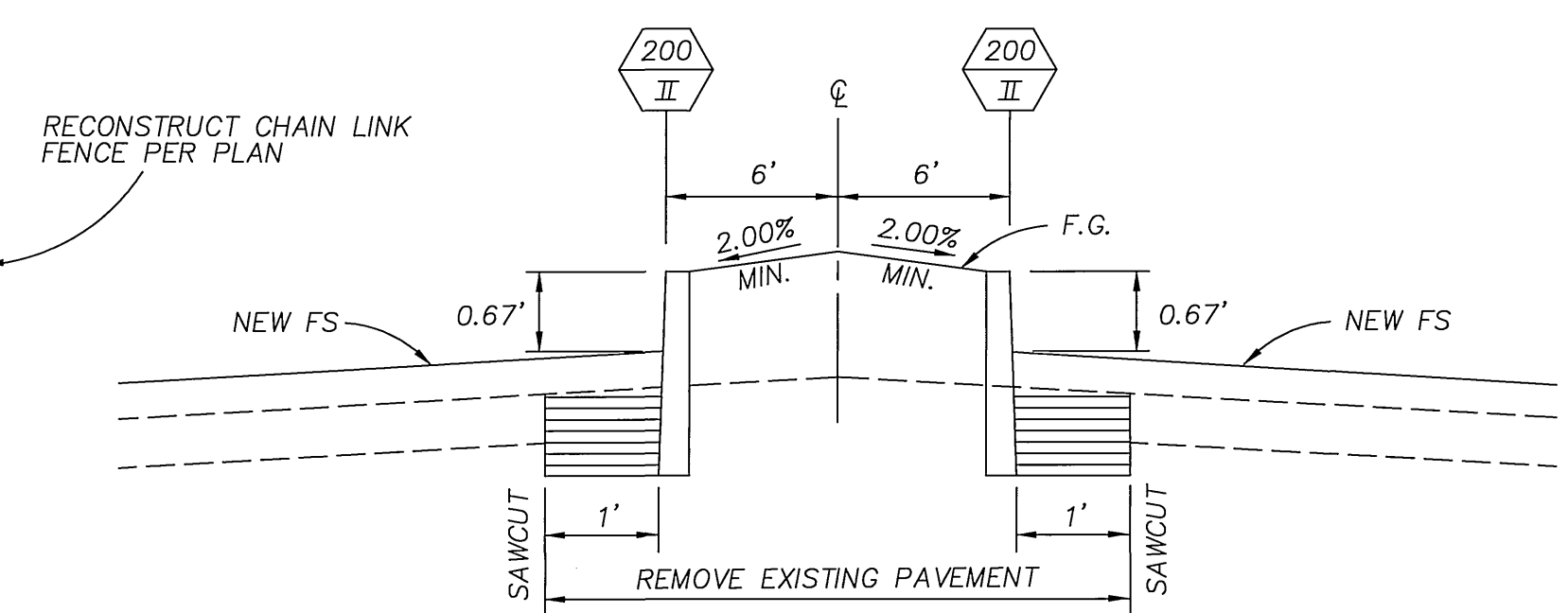


* NO BASE UNDER CURB AND GUTTER

- G1 COLD MILL PAVEMENT TO A DEPTH OF 0.10' BELOW GUTTER LIP AND DAYLIGHT TO MEET EXISTING PAVEMENT IN 5'.
- 1 OVERLAY EXISTING PAVEMENT WITH VARIABLE THICKNESS AC ARHM (0.10 MIN)
- C S CONSTRUCT STRUCTURAL SECTION OF 0.50' OF AC OVER 1.50' AB (WEST OF WILDERNESS) AND 0.50' AC OVER 0.65' AB (EAST OF WILDERNESS) EXTEND BASE UNDER CURB WESTERLY OF WILDERNESS

TYPICAL SECTION

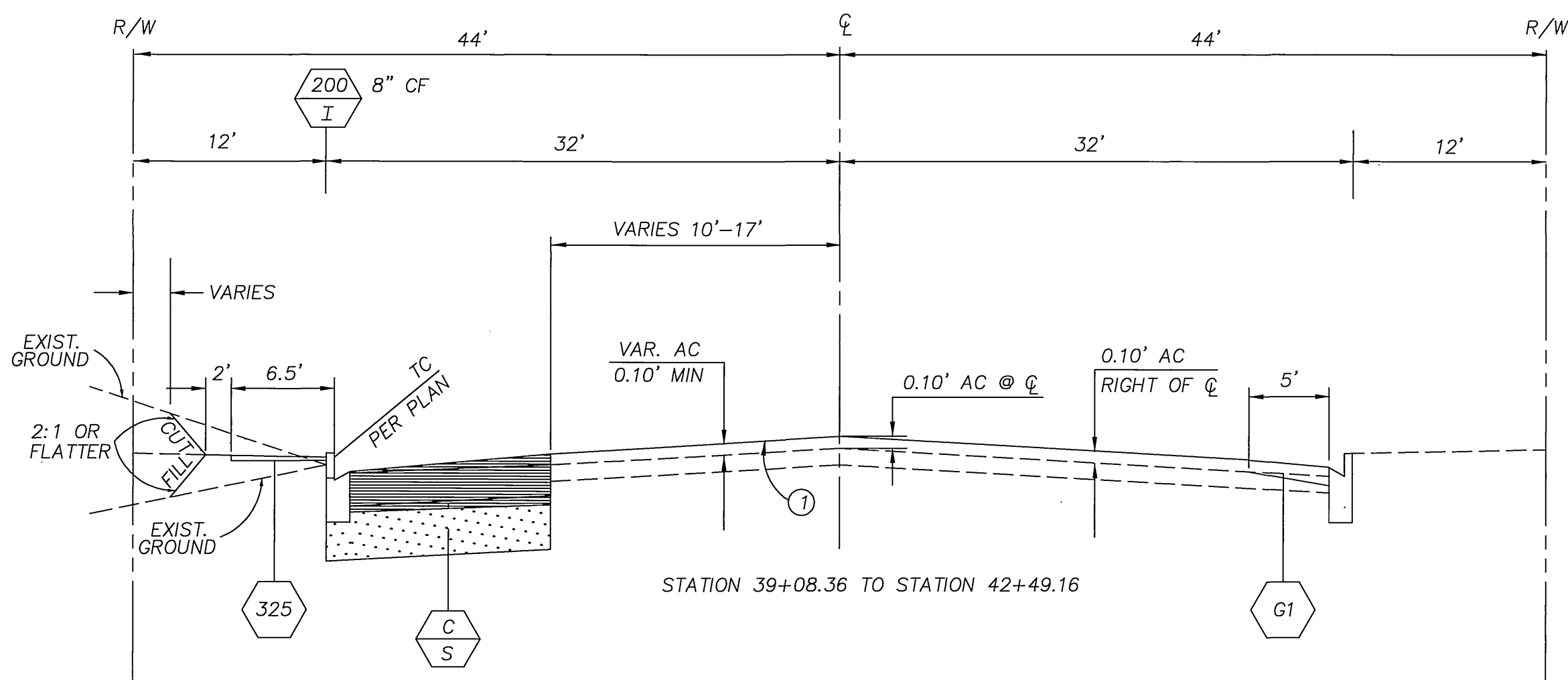
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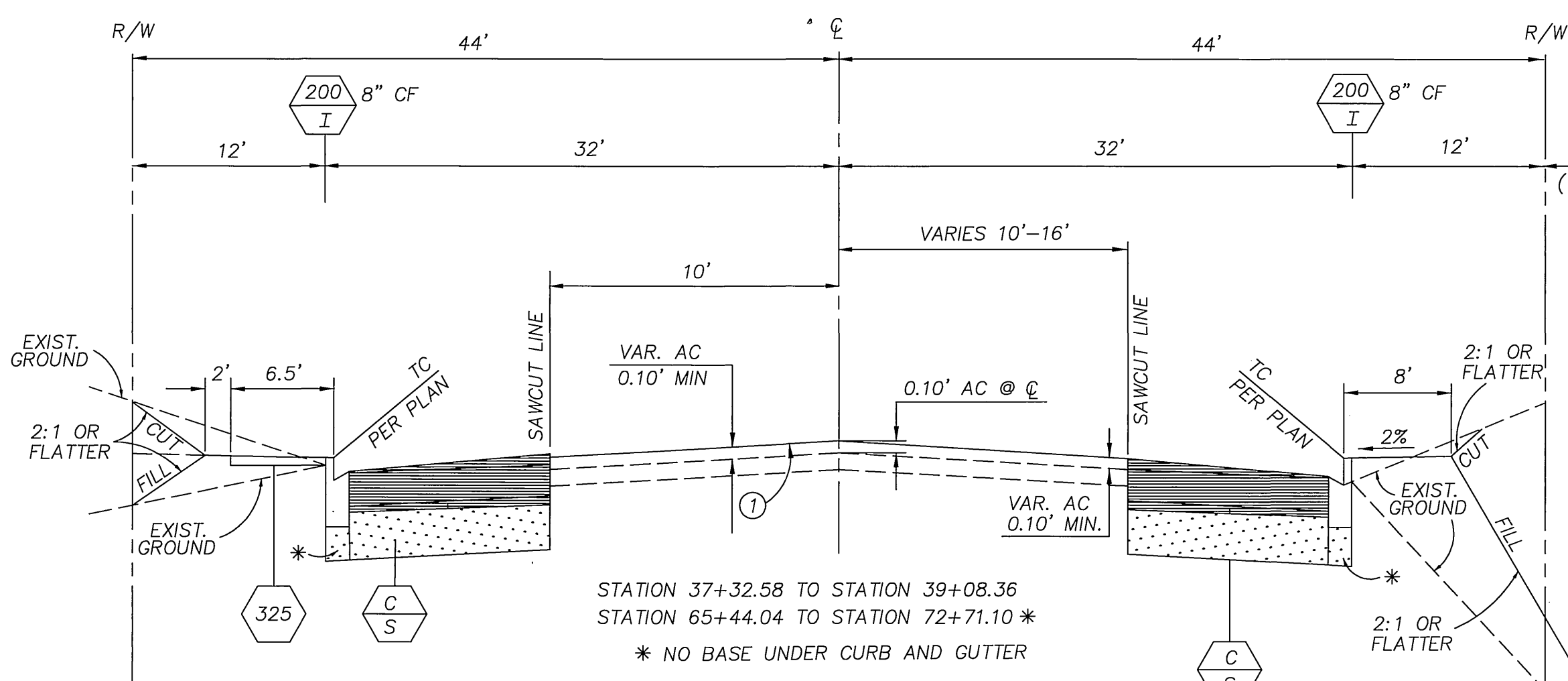
TYPICAL MEDIAN SECTION

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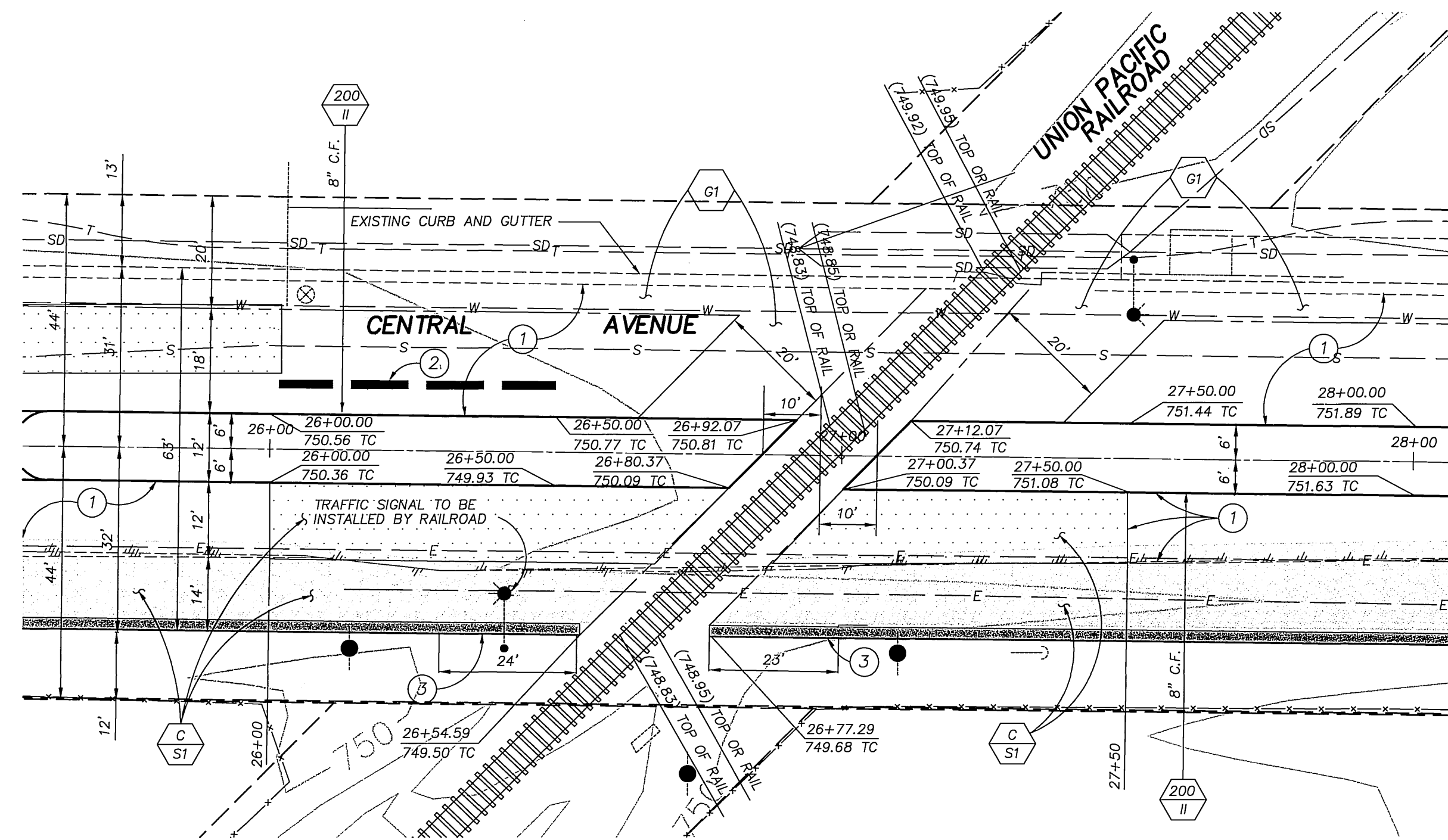
NOTE: MEDIAN TOP OF CURB ELEVATION TO BE DETERMINED BY 0.67 FT. MEASUREMENT FROM NEW FINISHED SURFACE ALONG MEDIAN CURB FACE



NOT TO SCALE



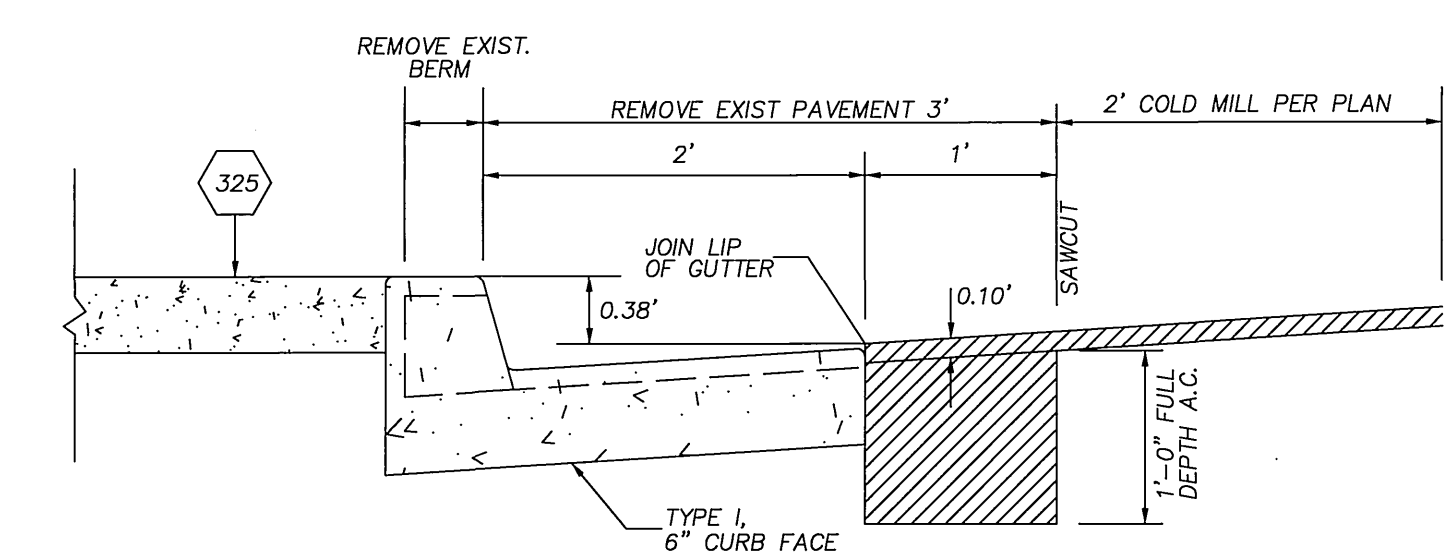
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RAIL ROAD TRACK CROSSING DETAIL

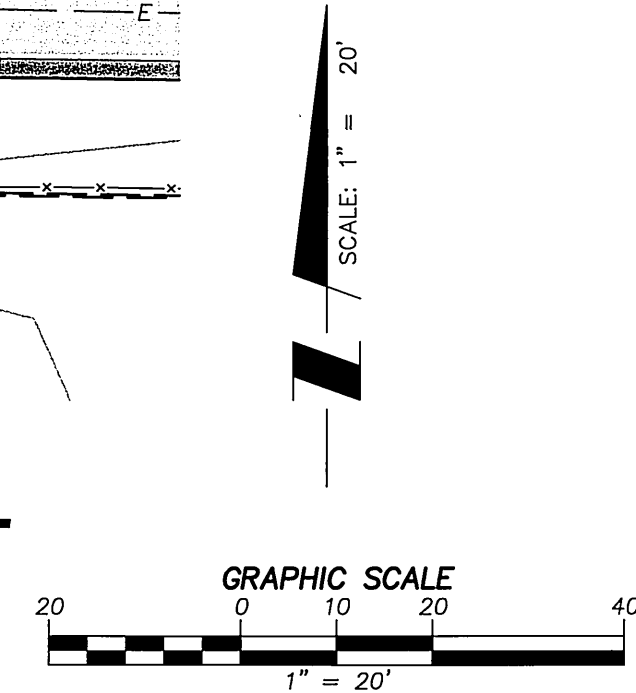
SEE SHEET 4

- 1 OVERLAY EXISTING PAVEMENT WITH VARIABLE THICKNESS AC ARHM (0.10 MIN)
 - 2 APPROXIMATE LOCATION OF CRACK REPAIR
 - 3 REMOVE AND REPLACE EXISTING CURB AND GUTTER
- NOTE: CONSTRUCTION WITHIN 10' OF C OF TRACKS IS TO BE PERFORMED BY UNION PACIFIC RAILROAD



AC BERM REPLACEMENT DETAIL

STATION 92+65.00 TO STATION 94+47.35
SCALE: 1=10'



* AS-BUILT 7-8-08 Lft

G:\76602\street improvement plan\76602SHT02.dwg 11/07/02 14:20



DESIGNED BY: AV/OS
DRAWN BY: AV/OS
CHECKED BY: SJH
PLANS PREPARED UNDER THE SUPERVISION OF:
Steve J. HOSFORD
STEVE J. HOSFORD RCE 42280
DATE: 11-7-02

AEI-CASC ENGINEERING
937 SOUTH VIA LATA
SUITE 500
COLTON, CA 92324
PH. (909) 783-0101 FAX (909) 783-0108

Underground Service Alert
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1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

MARK	REVISIONS	APPR.	DATE

DESIGNED BY: _____ DRAWN BY: _____ CHECKED BY: _____

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT

APPROVED BY:	BY:	DATE:	APPROVED BY:
AIRPORT DIRECTOR	<i>[Signature]</i>	11/15/03	<i>[Signature]</i>
PRINCIPAL ENGINEER	<i>[Signature]</i>	11/15/03	PUBLIC WORKS DIRECTOR
TRAFFIC ENGINEER	<i>[Signature]</i>	11/15/03	
PARKS DEPARTMENT	<i>[Signature]</i>	11/15/03	
INSPECTION	<i>[Signature]</i>	11/15/03	
SURVEYOR	<i>[Signature]</i>	11/15/03	
STREET SERVICES	<i>[Signature]</i>	11/15/03	

DATE: 2/18/03

CITY OF RIVERSIDE CENTRAL AVENUE WIDENING

DETAIL SHEET

HORIZ. SCALE: AS SHOWN VERT. SCALE: 1" = 4'

ACCT. NO. 9537427152-440233X

R-3630

SHEET 2 OF 11

FILE NO.

INDEXED 5-14-04 Lft

740-LT

740-CL

740-RT

14+00

15+00

16+00

17+00

18+00

19+00

20+00

21+00

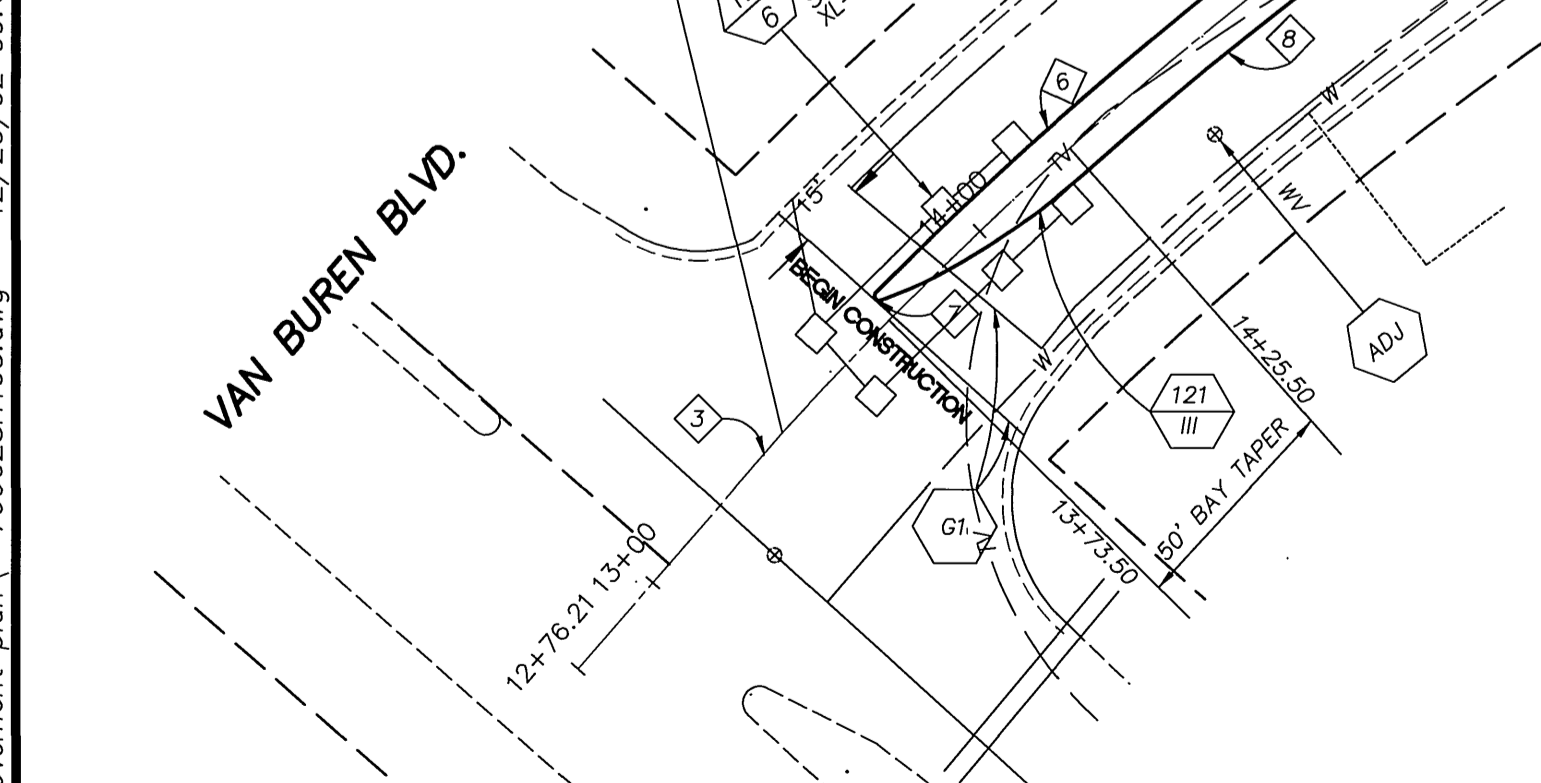
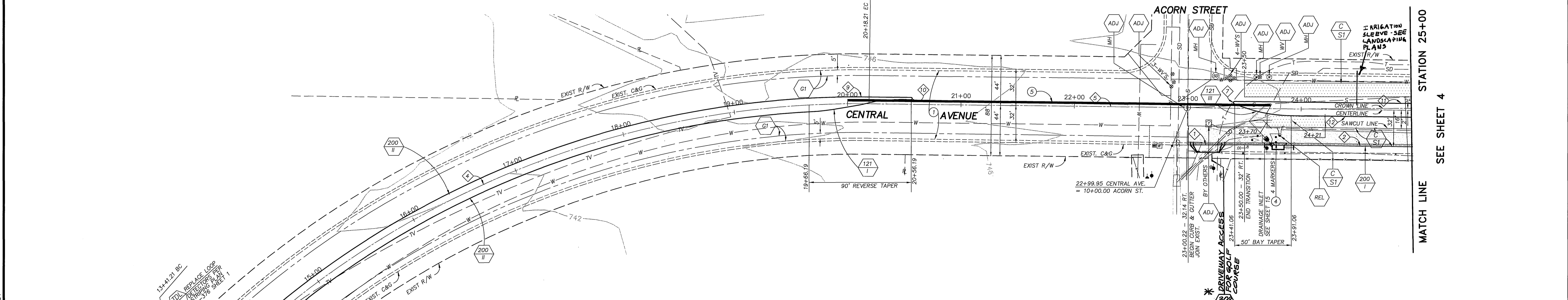
22+00

23+00

24+00

25+00

PROFILE SCALES
HORIZ.: 1"=40'
VERT.: 1"=4'



CURVE/LINE DATA

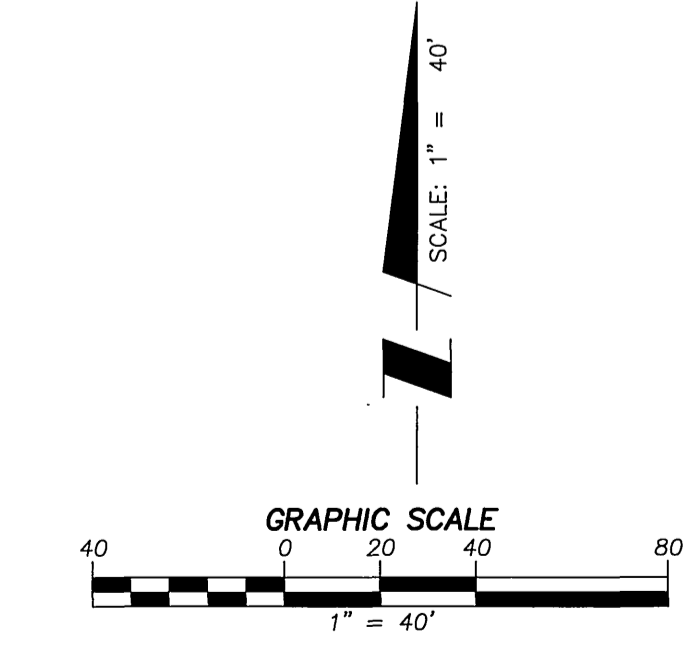
NO.	DELTA/BEARING	RADIUS	LEN/DIST.	TANGENT
1	N89°07'21"E	-	49.18'	-
2	N89°54'38"W	-	150.00'	-
3	N40°21'25"E	-	65.00'	-
4	48°29'12"	800.00'	677.00'	360.26'
5	N89°54'38"W	-	481.79'	-
6	46°01'16"	806.00'	647.39'	342.30'
7	158°13'40"	1.00'	2.76'	5.20'
8	37°59'56"	794.00'	526.59'	273.39'
9	N89°17'50"W	-	37.79'	-
10	168°32'27"	1.00'	2.94'	9.97'
11	N89°17'50"W	-	158.75'	-
12	N89°17'50"W	-	108.94'	-

SPECIFIC CONSTRUCTION NOTES

- ① CONSTRUCT VARIABLE THICKNESS A.C. (ARHM) OVERLAY (0.10" MINIMUM)
- ④ REMOVE POST MARKERS AND SALVAGE TO CITY YARD
- ⑤ LOCATION OF 1 1/2" AND 4" SCH 40 PVC IRRIGATION SLEEVES SEE IRRIGATION PLANS
- ⑥ 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.
- ⑦ 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.
- ⑧ CONSTRUCT STRUCTURAL SECTION OF 0.50" D.G.A.C. OVER 1.50" C.A.B. OVER COMPACTED NATIVE SOIL.

- ⑥1 COLD MILL PAVEMENT TO A DEPTH OF 0.10" BELOW GUTTER LIP AND DAYLIGHT TO MEET EXISTING PAVEMENT IN 5.0 FT.
- REL RELOCATE EXISTING TRAFFIC CONTROL SIGNS AS DIRECTED BY THE PUBLIC WORKS INSPECTOR AND PER STANDARD DRAWING NUMBER 666.
- REM REMOVE SIGN AND SALVAGE TO THE CITY YARD

*AS-BUILT 7-08-05 Lft



G:\76602\street improvement plan\ 76602SH103.dwg 12/20/02 09:51

CITY OF RIVERSIDE BENCHMARK "H3-F3"
ELEVATION: 741.229' (NGVD1929)
DESCRIPTION:
LEAD AND TACK IN TOP OF CURB OF THE MEDIAN
NOSE OF VAN BUREN BOULEVARD, SOUTH
EASTERLY OF THE INTERSECTION OF CENTRAL AVENUE.



DESIGNED BY: AV/OS
DRAWN BY: AV/OS
CHECKED BY: SJH
PLANS PREPARED UNDER THE SUPERVISION OF:
Steve J. Hofsford 11-7-02
STEVE J. HOSFORD RCE 42280 DATE

AEI-CASC ENGINEERING
937 SOUTH VIA LATA SUITE 500
COLTON, CA 92324
PH. (909) 783-0101 FAX (909) 783-0108

Underground Service Alert
Call: TOLL FREE
1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

MARK	REVISIONS	APPR.	DATE

DESIGNED BY: _____ DRAWN BY: _____ CHECKED BY: _____

**CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT**

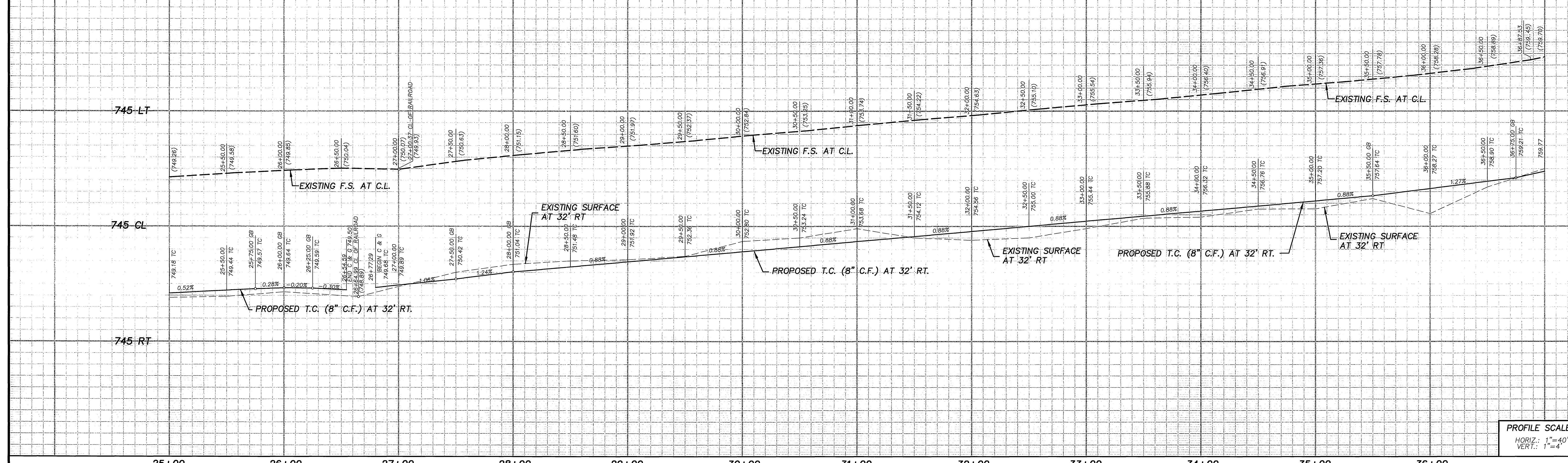
APPROVED BY: [Signature] DATE: 12/13/03
AIRPORT DIRECTOR
PRINCIPAL ENGINEER
TRAFFIC ENGINEER
PARKS DEPARTMENT
INSPECTION SURVEYOR
STREET SERVICES

**CITY OF RIVERSIDE
CENTRAL AVENUE WIDENING
FROM STATION: 13+73.50
TO STATION: 25+00.00**

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

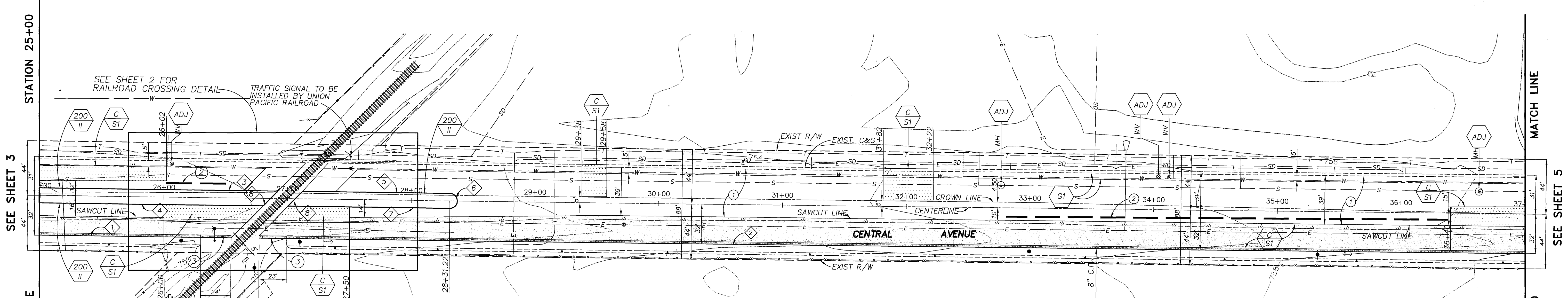
ACCT. NO. 9537427152-440223XX
R-3630
SHEET 3 OF 11
FILE NO.

INDEXED 5-14-04 Lft



PROFILE SCALES
 HORIZ.: 1" = 40'
 VERT.: 1" = 4'

25+00 26+00 27+00 28+00 29+00 30+00 31+00 32+00 33+00 34+00 35+00 36+00



SEE SHEET 3
 MATCH LINE

MATCH LINE
 SEE SHEET 5

SPECIFIC CONSTRUCTION NOTES

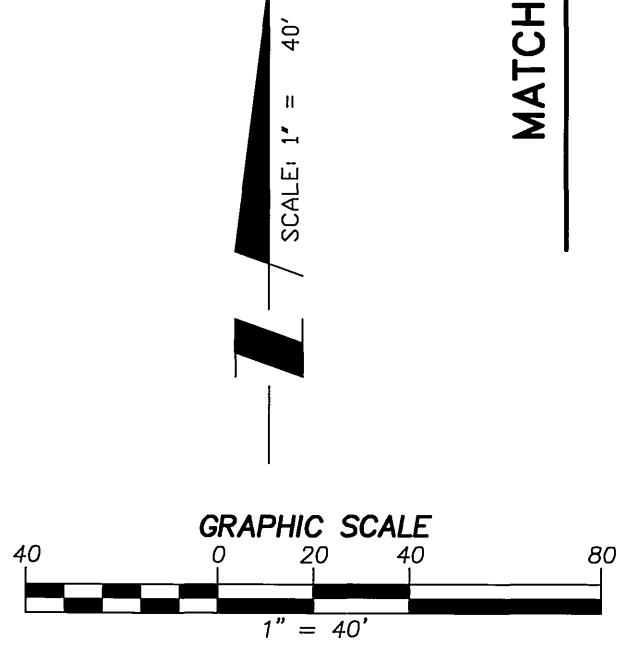
- ① CONSTRUCT VARIABLE THICKNESS A.C. OVERLAY (0.10' MINIMUM)
- ② APPROXIMATE LOCATION OF CRACK REPAIR
- ③ REMOVE AND REPLACE EXISTING CURB AND GUTTER
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- C/SI CONSTRUCT STRUCTURAL SECTION OF 0.50' D.G.A.C. OVER 1.50' C.A.B. OVER COMPACTED NATIVE SOIL.

G1 COLD MILL PAVEMENT TO A DEPTH OF 0.10' BELOW GUTTER LIP AND DAYLIGHT TO MEET EXISTING PAVEMENT IN 5.0 FT.

CURVE/LINE DATA

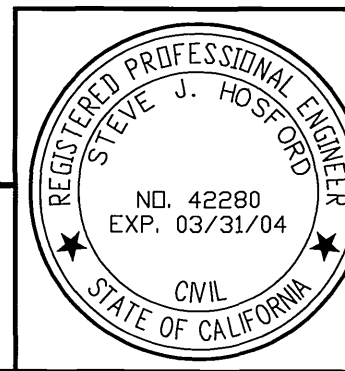
DELTA/BEARING	RADIUS	LEN/DIST.	TANGENT
N89°54'38"E	-	130.04'	-
N89°54'38"E	-	1000.12'	-
N89°54'38"E	-	192.07'	-
N89°54'38"E	-	180.37'	-
N89°54'38"E	-	119.15'	-
180°00'00"	6.00'	130.85'	INFINITE
N89°54'38"E	-	18.85'	-
N44°21'55"E	-	16.76'	-

*AS-BUILT 7-08-05 LHM



G:\28602\street improvement\plan\ 78602SH104.dwg 11/07/02 12:53

CITY OF RIVERSIDE BENCHMARK "H3-F3"
 ELEVATION: 741.223' (NGVD1928)
 DESCRIPTION:
 LEAD AND TACK IN TOP OF CURB OF THE MEDIAN
 NOSE OF VAN BUREN BOULEVARD, SOUTH
 EASTERLY OF THE INTERSECTION OF CENTRAL AVENUE.



DESIGNED BY: AV/OS
 DRAWN BY: AV/OS
 CHECKED BY: SJH
 PLANS PREPARED UNDER THE SUPERVISION OF:
 DATE: 11-7-02
 STEVE J. HOSFORD RCE 42280

AEI-CASC ENGINEERING
 937 SOUTH VIA LATA SUITE 500
 COLTON, CA 92324
 PH. (909) 783-0101 FAX (909) 783-0108

Underground Service Alert
 Call: TOLL FREE
 1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

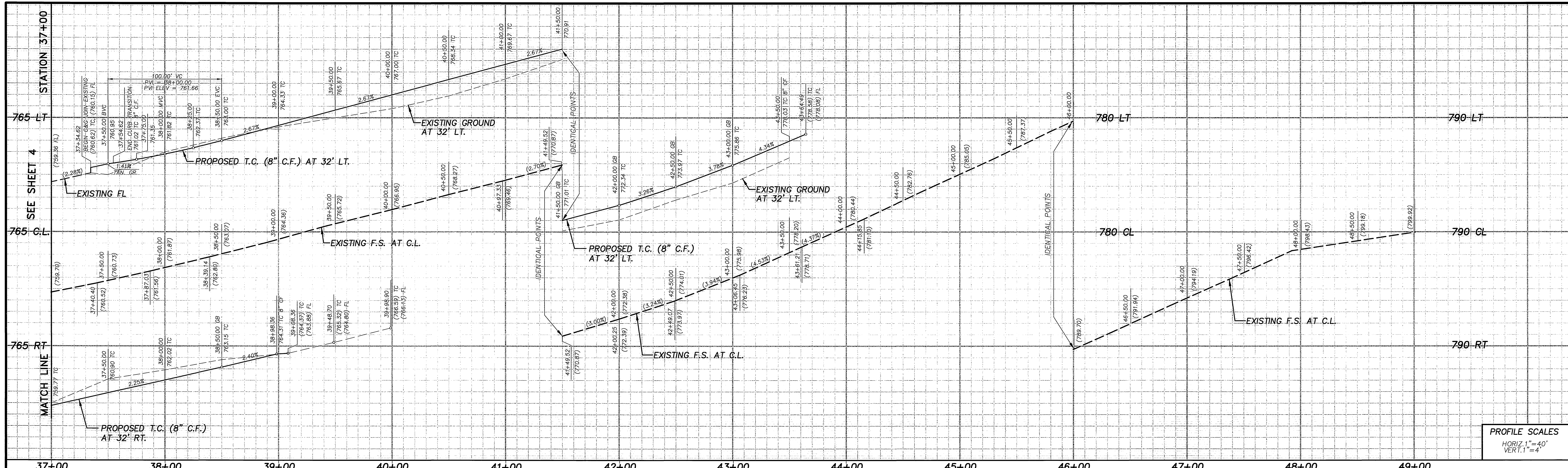
MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
 APPROVED BY: [Signature]
 DATE: 2/13/03

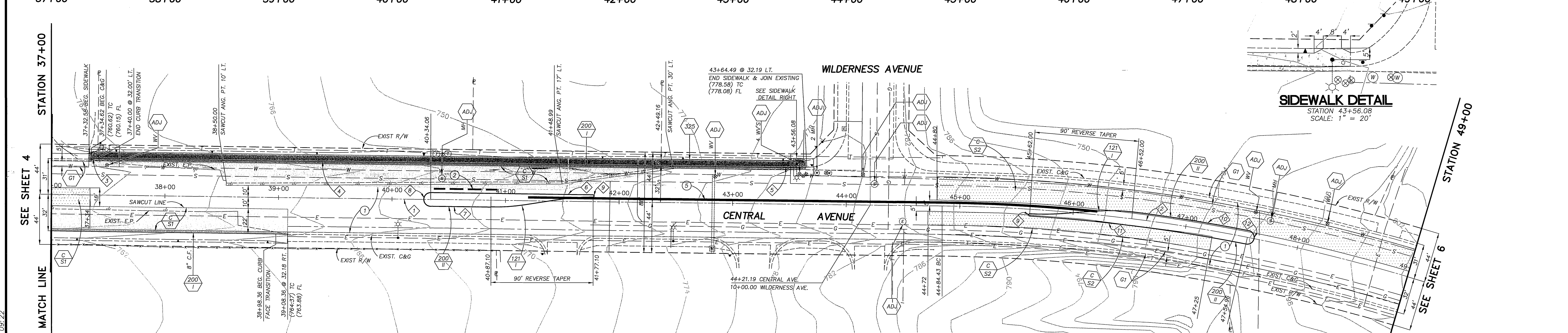
CITY OF RIVERSIDE
CENTRAL AVENUE WIDENING
 FROM STATION: 25+00
 TO STATION: 37+00
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

ACCT. NO. 9537427152-440223XX
R-3630
 SHEET 4 OF 11
 FILE NO.

INDEXED 5-14-04 LHM



PROFILE SCALES
HORIZ. 1" = 40'
VERT. 1" = 4'



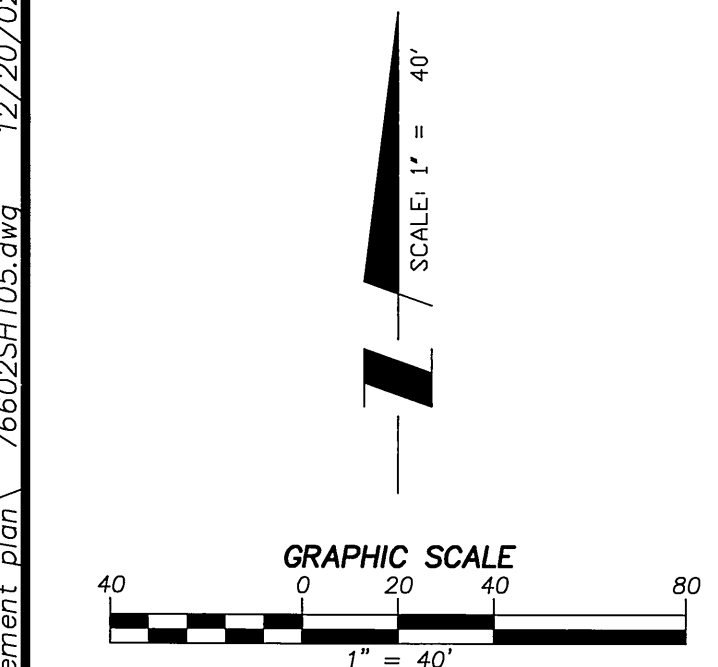
SPECIFIC CONSTRUCTION NOTES

- ① CONSTRUCT VARIABLE THICKNESS A.C. OVERLAY (0.10" MINIMUM)
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- 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.
- ADJ 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.
- C CONSTRUCT STRUCTURAL SECTION OF 0.50' D.G.A.C. OVER 1.50' C.A.B. OVER COMPACTED NATIVE SOIL.

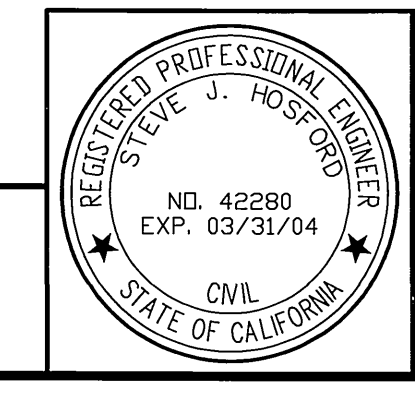
- C S2 CONSTRUCT STRUCTURAL SECTION OF 0.50' D.G.A.C. OVER 0.65' C.A.B. OVER COMPACTED NATIVE SOIL.
- G1 COLD MILL PAVEMENT TO A DEPTH OF 0.10' BELOW GUTTER LIP AND DAYLIGHT TO MEET EXISTING PAVEMENT IN 5.0 FT.

CURVE/LINE DATA

Δ	DELTA/BEARING	RADIUS	LEN/DIST.	TANGENT
1	N89°54'38"W	-	784.43'	-
2	15°52'25"	1500.00'	415.57'	209.13'
3	N85°09'18"E	-	7.44'	-
4	N89°54'38"W	-	610.00'	-
5	N88°21'45"E	-	13.94'	-
6	N89°17'50"W	-	143.00'	-
7	N89°17'50"W	-	43.10'	-
8	180°00'00"	6.00'	18.85'	INFINITE
9	168°32'27"	1.00'	2.94'	9.97'
10	03°33'22"	1506.00'	93.49'	46.75'
11	07°22'19"	1494.00'	192.23'	96.25'
12	180°00'00"	6.00'	18.85'	INFINITE



CITY OF RIVERSIDE BENCHMARK "H3-F3"
ELEVATION: 741.225' (NGVD1929)
DESCRIPTION:
LEAD AND TACK IN TOP OF CURB OF THE MEDIAN
NORTH OF VAN BUREN BOULEVARD SOUTH
EASTERLY OF THE INTERSECTION OF CENTRAL AVENUE.



DESIGNED BY: AV/OS
DRAWN BY: AV/OS
CHECKED BY: SJH
PLANS PREPARED UNDER THE SUPERVISION OF:
Steve J. Hosford 11-7-02
STEVE J. HOSFORD RCE 42280 DATE

AEI-CASC ENGINEERING
937 SOUTH VIA LATA SUITE 500
COLTON, CA 92324
PH. (909) 783-0101 FAX (909) 783-0108

Underground Service Alert
Call: TOLL FREE
1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

MARK	REVISIONS	APPR	DATE

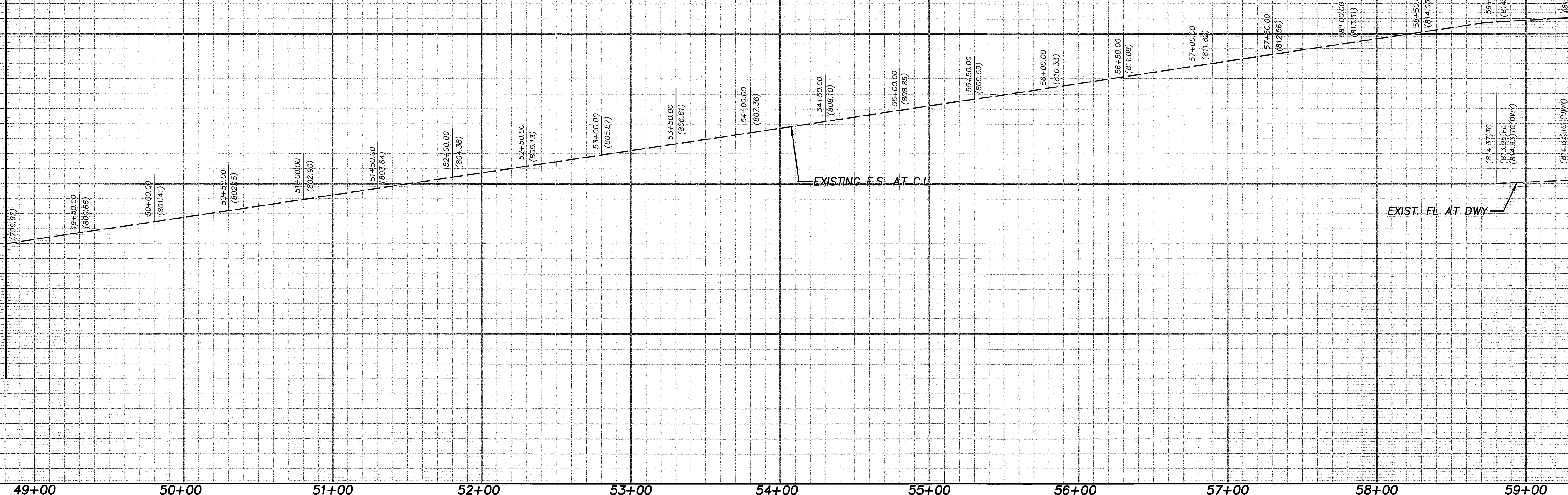
CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY: *[Signature]*
DATE: 2/13/02
PRINCIPAL ENGINEER
TRAFFIC ENGINEER
PARKS DEPARTMENT
INSPECTION
SURVEYOR
STREET SERVICES

CITY OF RIVERSIDE
CENTRAL AVENUE WIDENING
FROM STATION: 37+00
TO STATION: 49+00
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'
ACCT. NO. 9537427152-440223XX
R-3630
SHEET 5 OF 11
FILE NO.

805 LT
805 CL
805 RT

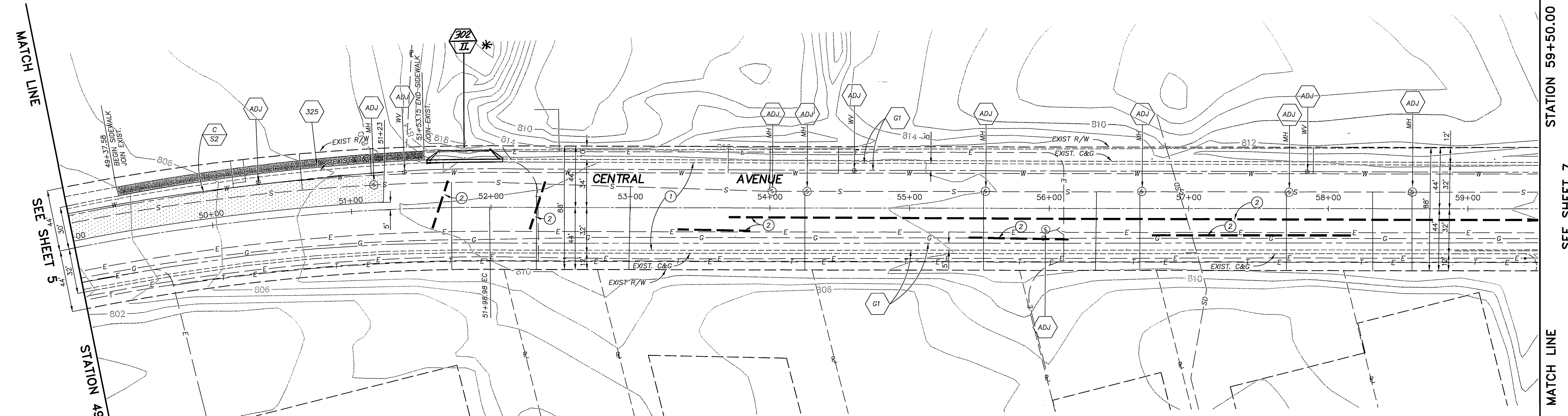
SEE SHEET 5
MATCHLINE

STA 49+00.00
MATCHLINE
SEE SHEET 7
STA 59+50.00



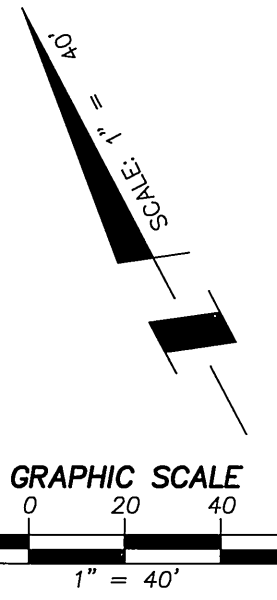
PROFILE SCALES
HORIZ.: 1"=40'
VERT.: 1"=4'

49+00 50+00 51+00 52+00 53+00 54+00 55+00 56+00 57+00 58+00 59+00



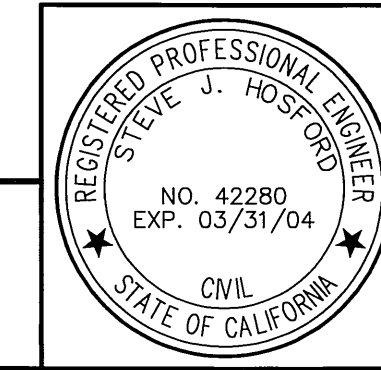
SPECIFIC CONSTRUCTION NOTES

- ① CONSTRUCT VARIABLE THICKNESS A.C. OVERLAY (0.10' MINIMUM)
- ② APPROXIMATE LOCATION OF CRACK REPAIR
- 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.
- ADJ 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.
- G1 COLD MILL PAVEMENT TO A DEPTH OF 0.10' BELOW GUTTER LIP AND DAYLIGHT TO MEET EXISTING PAVEMENT IN 5.0 FT.
- C S2 CONSTRUCT STRUCTURAL SECTION OF 0.50' D.G.A.C. OVER 0.65' C.A.B. OVER COMPACTED NATIVE SOIL.



Q:\76602\street improvement plan\ 76602SHT06.dwg 12/20/02 09:25

CITY OF RIVERSIDE BENCHMARK "H3-F3"
ELEVATION: 741.229' (NGVD1929)
DESCRIPTION:
LEAD AND TACK IN TOP OF CURB OF THE MEDIAN
NOSE OF VAN BUREN BOULEVARD, SOUTH-
EASTERLY OF THE INTERSECTION OF CENTRAL AVENUE.



DESIGNED BY: AV/OS
DRAWN BY: AV/OS
CHECKED BY: SJH
PLANS PREPARED UNDER THE SUPERVISION OF:
Steve J. Hosford 11-7-02
STEVE J. HOSFORD RCE 42280 DATE

AEI-CASC
ENGINEERING
937 SOUTH VIA LATA
SUITE 500
COLTON, CA 92324
PH. (909) 783-0101 FAX (909) 783-0108

Underground Service Alert
Call: TOLL FREE
1-800
227-2600
TWO WORKING DAYS BEFORE YOU DIG

MARK	REVISIONS	APPR.	DATE

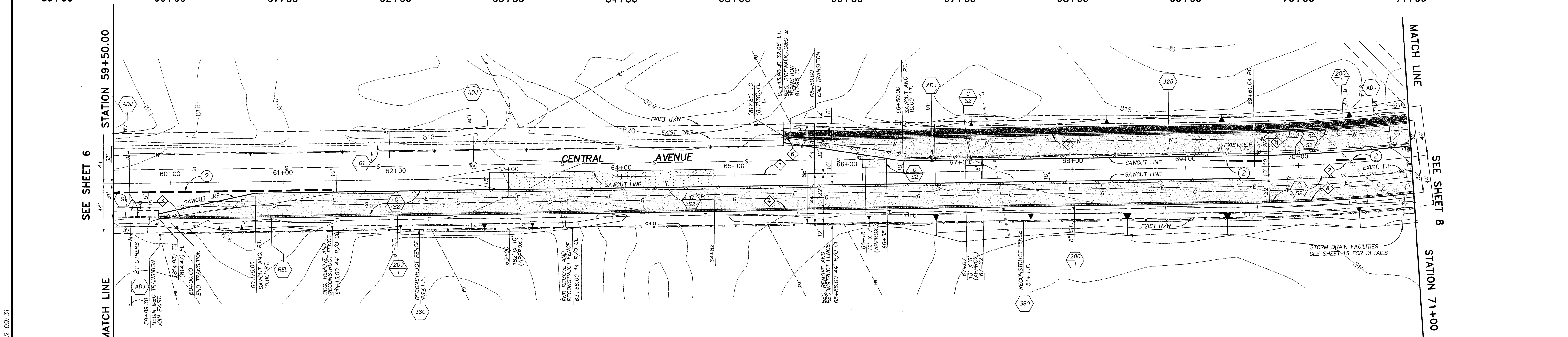
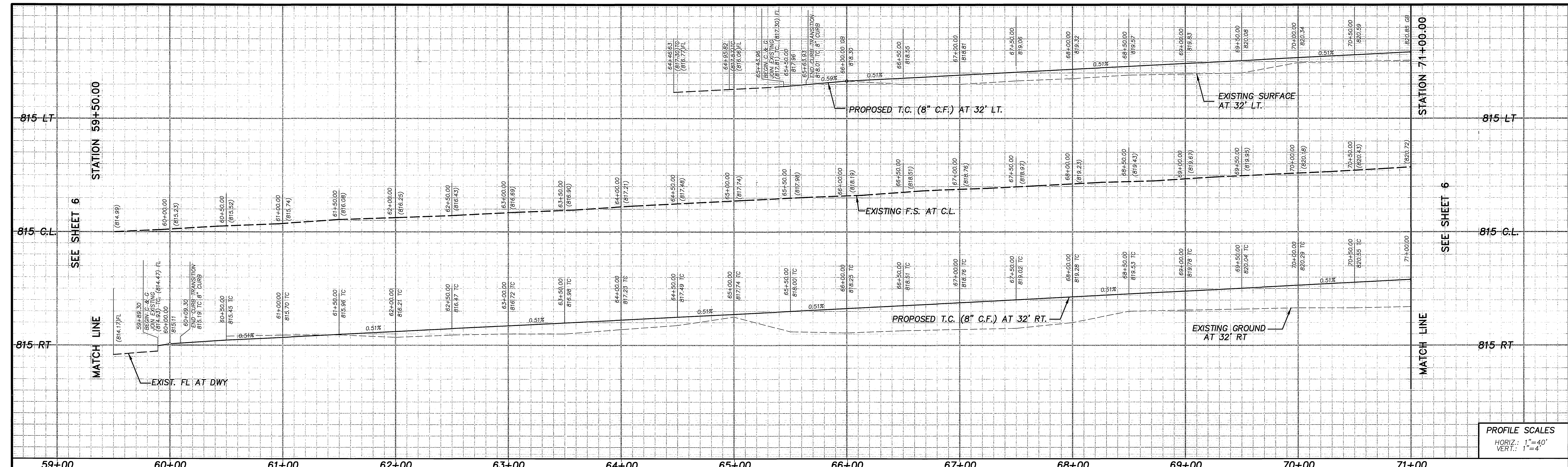
DESIGNED BY: _____ DRAWN BY: _____ CHECKED BY: _____

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY: _____ BY: _____ DATE: 2/13/03
AIRPORT DIRECTOR
PRINCIPAL ENGINEER
TRAFFIC ENGINEER
PARKS DEPARTMENT
INSPECTION
SURVEYOR
STREET SERVICES

* AS-BUILT 7-08-05
CITY OF RIVERSIDE
CENTRAL AVENUE WIDENING
FROM STATION: 49+00
TO STATION: 59+50.00
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

ACCT. NO. 9537427152-44023XX
R-3630
SHEET 6 OF 11
FILE NO.

INDEXED 5-14-04



PROFILE SCALES
 HORIZ.: 1"=40'
 VERT.: 1"=4'

SPECIFIC CONSTRUCTION NOTES

- ① CONSTRUCT VARIABLE THICKNESS A.C. OVERLAY (0.10' MINIMUM)
- ② APPROXIMATE LOCATION OF CRACK REPAIR
- 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.
- ADJ 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.

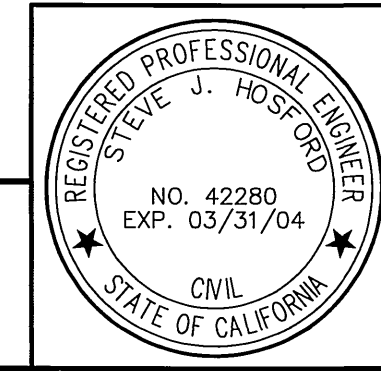
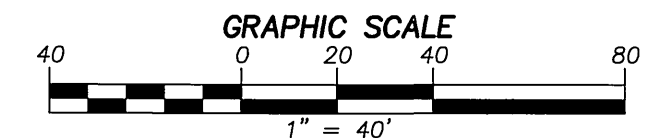
- C S2 CONSTRUCT STRUCTURAL SECTION OF 0.50' D.G.A.C. OVER 0.65' C.A.B. OVER COMPACTED NATIVE SOIL.
- G1 COLD MILL PAVEMENT TO A DEPTH OF 0.10' BELOW GUTTER LIP AND DAYLIGHT TO MEET EXISTING PAVEMENT IN 5.0 FT.
- REL RELOCATE EXISTING TRAFFIC CONTROL SIGNS AS DIRECTED BY THE PUBLIC WORKS INSPECTOR AND PER STANDARD DRAWING NUMBER 666.

CURVE/LINE DATA

DELTA/BEARING	RADIUS	LEN/DIST.	TANGENT
N62°36'54"W	-	1011.04'	-
05°18'29"	1500.00'	138.96'	-
N58°29'49"W	-	10.73'	-
N62°36'54"W	-	961.04'	-
05°18'29"	1532.00'	141.93'	71.01'
N64°43'44"W	-	5.96'	-
N62°36'54"W	-	411.04'	-
05°18'29"	1468.00'	136.00'	68.05'

*AS-BUILT 7-08-05 LH

Q:\76602\street improvement plan\76602SH107.dwg 12/20/02 09:31



DESIGNED BY: AV/OS
 DRAWN BY: AV/OS
 CHECKED BY: SJH
 PLANS PREPARED UNDER THE SUPERVISION OF:
 STEVE J. HOSFORD RCE 42280
 DATE: 11-7-02

AEI-CASC ENGINEERING
 937 SOUTH VIA LATA SUITE 500 COLTON, CA 92324
 PH. (909) 783-0101 FAX (909) 783-0108

Underground Service Alert
 Call: TOLL FREE 1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

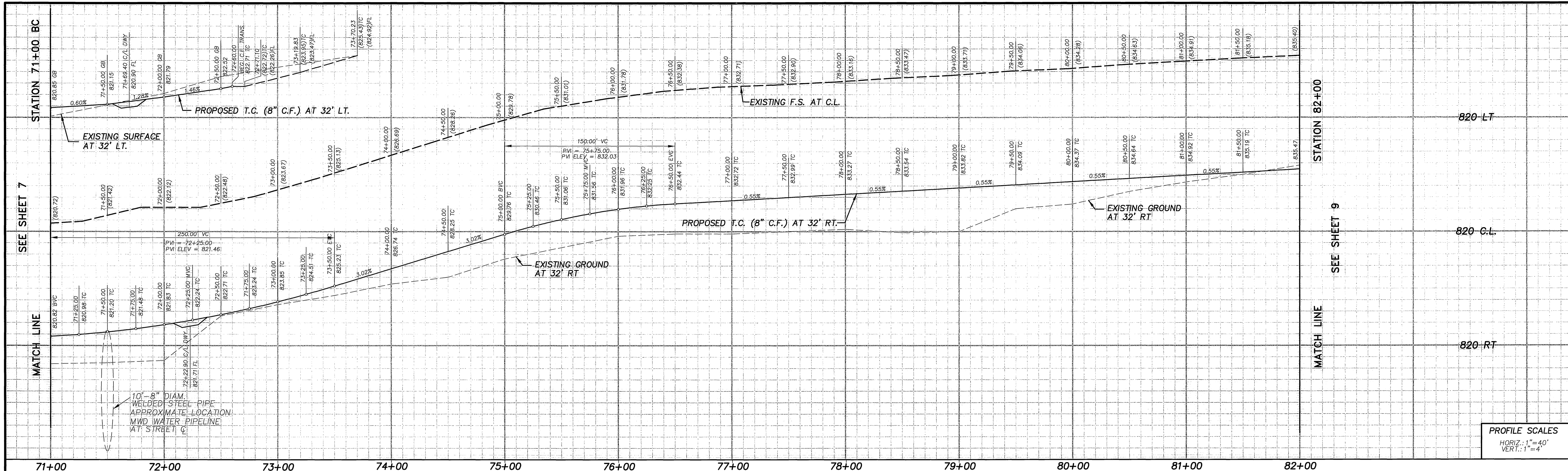
MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT
 APPROVED BY: [Signature]
 BY: [Signature] DATE: 2/13/03
 AIRPORT DIRECTOR
 PRINCIPAL ENGINEER
 TRAFFIC ENGINEER
 PARKS DEPARTMENT
 INSPECTION
 SURVEYOR
 STREET SERVICES

CITY OF RIVERSIDE CENTRAL AVENUE WIDENING
 FROM STATION: 59+50.00 TO STATION: 71+00.00
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

ACCT. NO. 9537427152-440223XX
R-3630
 SHEET 7 OF 11
 FILE NO.

INDEXED 5-14-04 LH



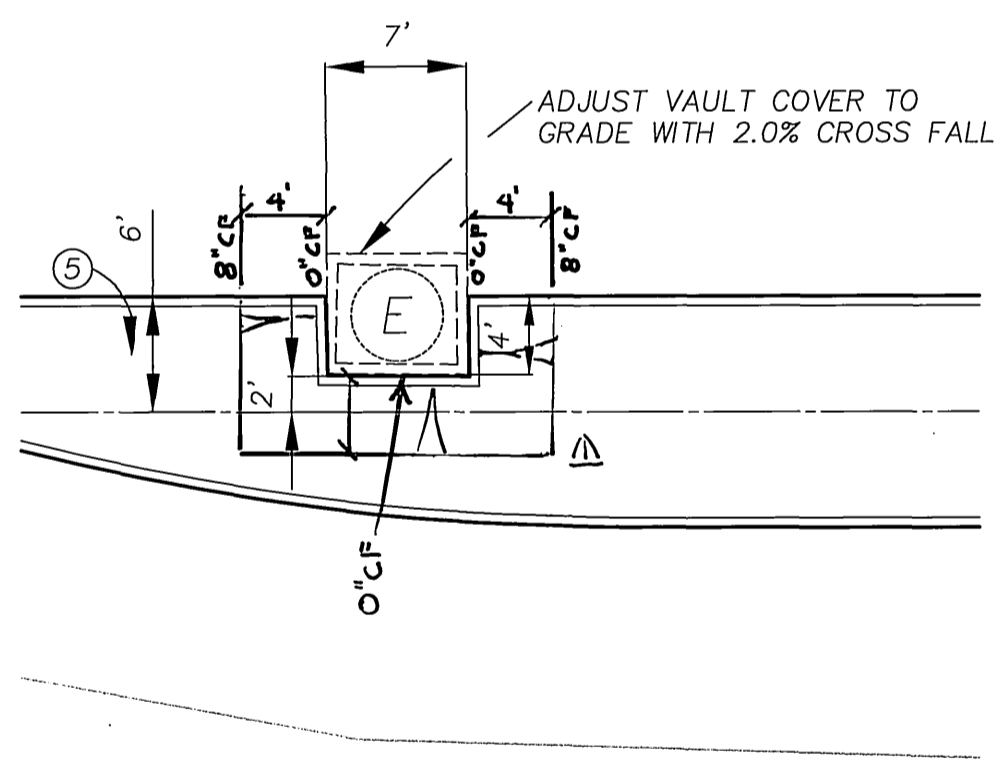
PROFILE SCALES
 HORIZ. 1" = 40'
 VERT. 1" = 4'

SPECIFIC CONSTRUCTION NOTES

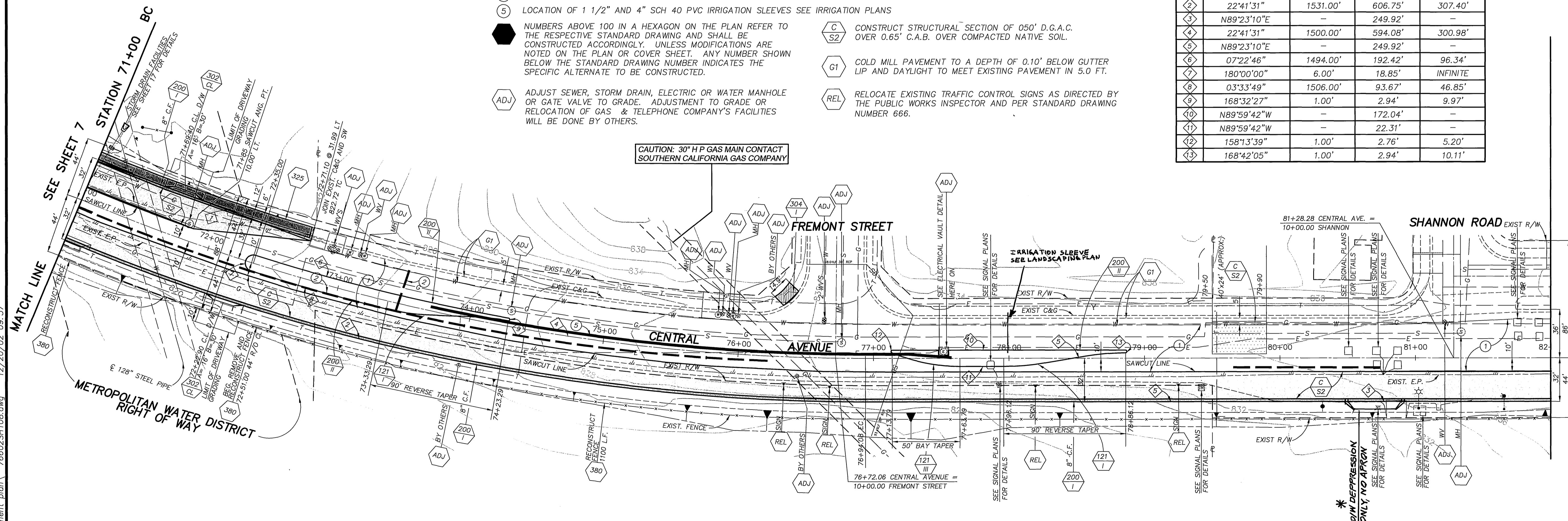
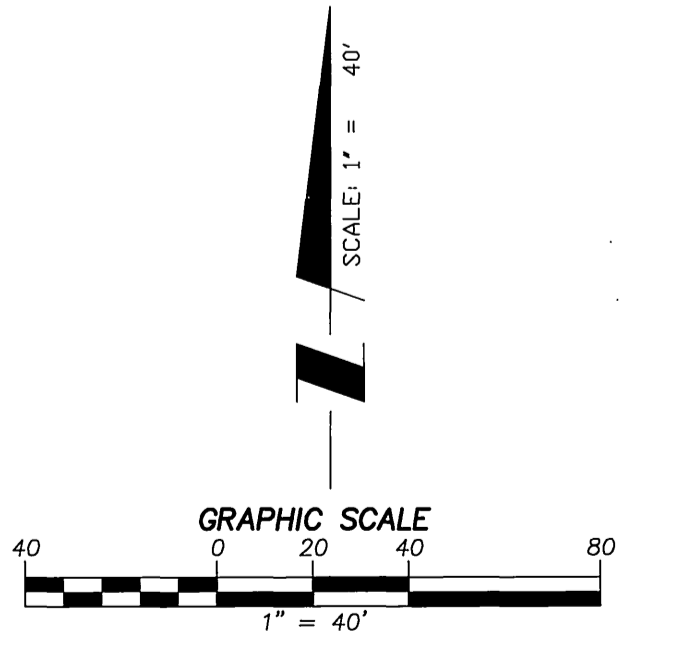
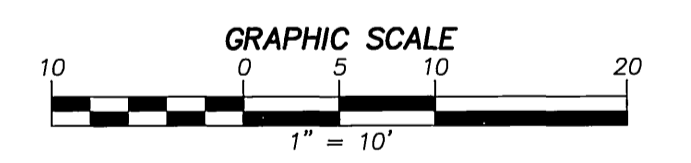
- ① CONSTRUCT VARIABLE THICKNESS A.C. OVERLAY (0.10' MINIMUM)
- ② APPROXIMATE LOCATION OF CRACK REPAIR
- ⑤ LOCATION OF 1 1/2" AND 4" SCH 40 PVC IRRIGATION SLEEVES SEE IRRIGATION PLANS
- ⬡ NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. 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.
- ⬢ 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.
- Ⓢ CONSTRUCT STRUCTURAL SECTION OF 050' D.G.A.C. OVER 0.65' C.A.B. OVER COMPACTED NATIVE SOIL.
- G1 COLD MILL PAVEMENT TO A DEPTH OF 0.10' BELOW GUTTER LIP AND DAYLIGHT TO MEET EXISTING PAVEMENT IN 5.0 FT.
- REL RELOCATE EXISTING TRAFFIC CONTROL SIGNS AS DIRECTED BY THE PUBLIC WORKS INSPECTOR AND PER STANDARD DRAWING NUMBER 666.

CURVE/LINE DATA

DELTA/BEARING	RADIUS	LEN/DIST.	TANGENT
06°32'08"	1468.00'	167.45'	83.82'
22°41'31"	1531.00'	606.75'	307.40'
N89°23'10"E	-	249.92'	-
22°41'31"	1500.00'	594.08'	300.98'
N89°23'10"E	-	249.92'	-
07°22'46"	1494.00'	192.42'	96.34'
180°00'00"	6.00'	18.85'	INFINITE
03°33'49"	1506.00'	93.67'	46.85'
168°32'27"	1.00'	2.94'	9.97'
N89°59'42"W	-	172.04'	-
N89°59'42"W	-	22.31'	-
158°13'39"	1.00'	2.76'	5.20'
168°42'05"	1.00'	2.94'	10.11'



ELECTRICAL VAULT & MEDIAN CURB DETAIL



CITY OF RIVERSIDE BENCHMARK "H3-F3"
 ELEVATION: 741.225' (NGVD1928)
 DESCRIPTION: LEAD AND TACK IN TOP OF CURB OF THE MEDIAN NOSE OF VAN BUREN BOULEVARD, SOUTH EASTERLY OF THE INTERSECTION OF CENTRAL AVENUE.

REGISTERED PROFESSIONAL ENGINEER
 STEVE J. HOSFORD
 NO. 42280
 EXP. 03/31/04
 CIVIL
 STATE OF CALIFORNIA

DESIGNED BY: AV/OS
 DRAWN BY: AV/OS
 CHECKED BY: SJH
 PLANS PREPARED UNDER THE SUPERVISION OF:

STEVE J. HOSFORD RCE 42280
 DATE: 11-7-02

AEI-CASC ENGINEERING

937 SOUTH VIA LATA SUITE 500
 COLTON, CA 92324
 PH. (909) 783-0101 FAX (909) 783-0108

Underground Service Alert

Call: TOLL FREE 1-800-227-2600

TWO WORKING DAYS BEFORE YOU DIG

Marked Median Electric Vault

DESIGNED BY: DRAWN BY: CHECKED BY:

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT

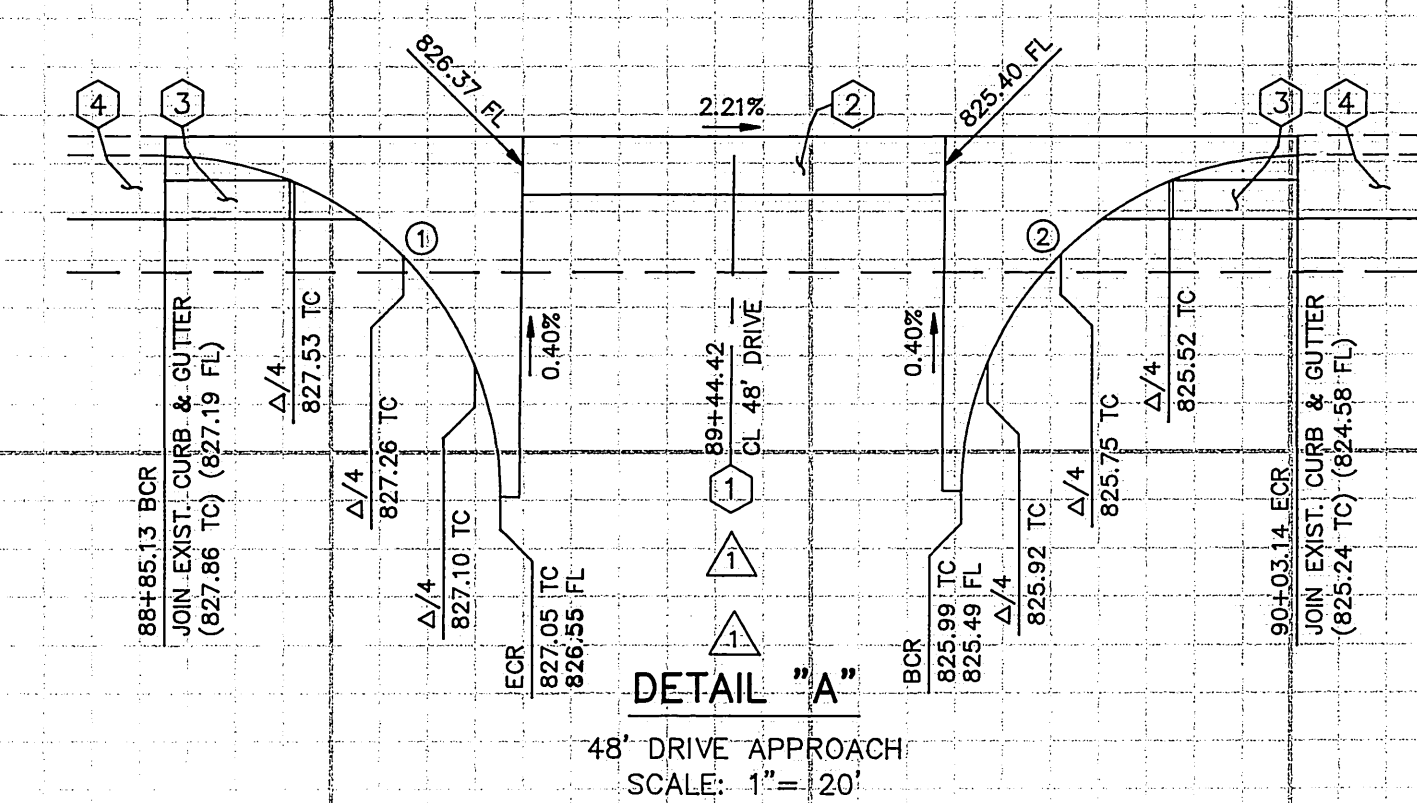
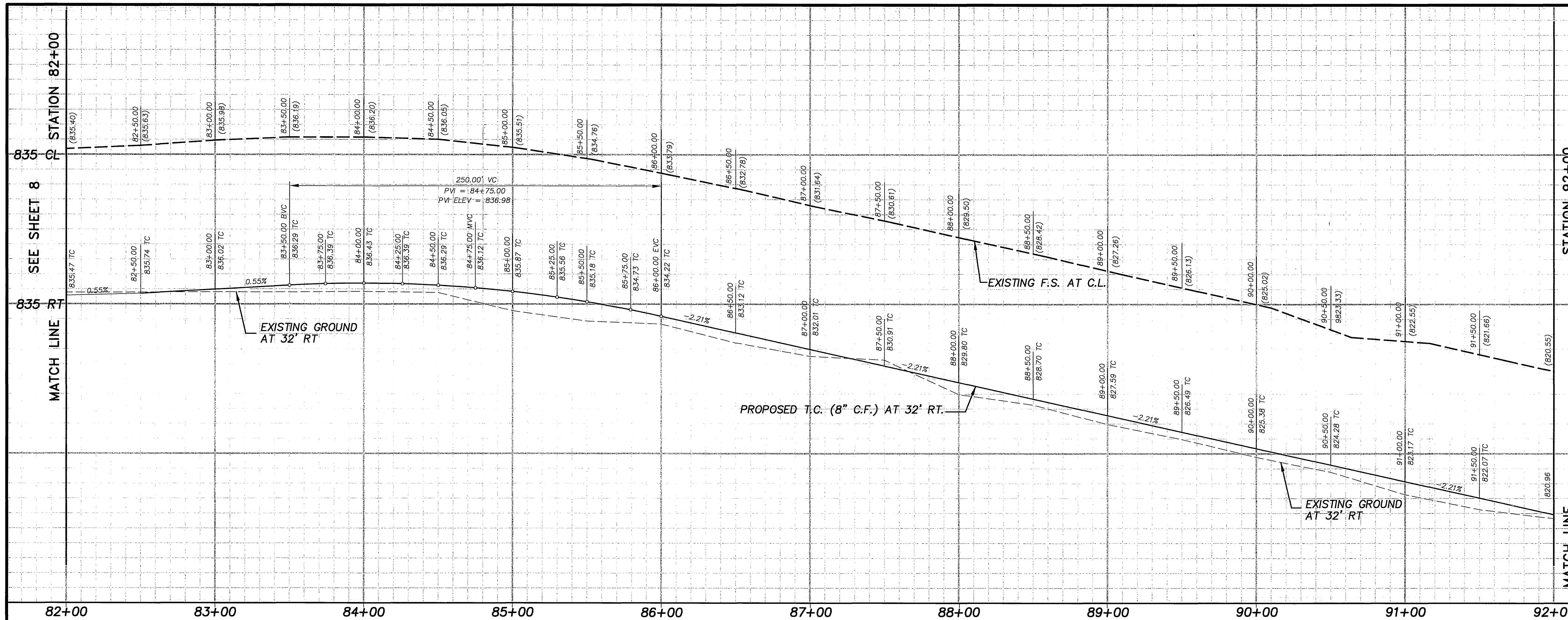
APPROVED BY: [Signature]
 AIRPORT DIRECTOR
 PRINCIPAL ENGINEER
 TRAFFIC ENGINEER
 PARKS DEPARTMENT
 INSPECTION SURVEYOR
 STREET SERVICES

CITY OF RIVERSIDE
 CENTRAL AVENUE WIDENING
 FROM STATION: 71+00
 TO STATION: 82+00

ACCT. NO. 9537427152-440223XX
R-3630
 SHEET 8 OF 11
 FILE NO.

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

INDEXED S-14-09 Lft



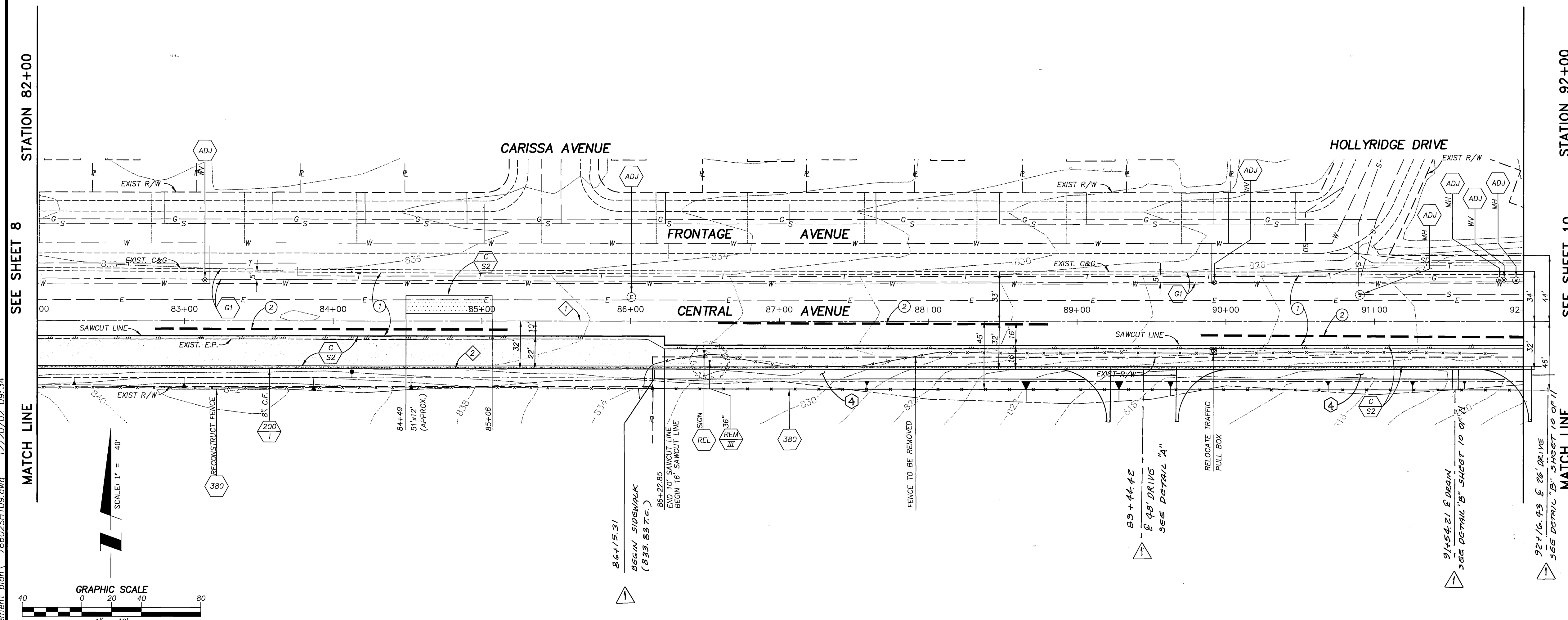
REVISION: ADDITION OF 48' DRIVE AT STA. 89+44.42, A 26' DRIVE AT STA. 92+16.43, SIDEWALK FROM STA. 86+15.31 TO STA. 92+80.90, AND PARKWAY DRAINS AT STA. 91+54.21 AND STA. 92+68.21 PREPARED BY PAUL DIEGES, R.C.E. 13234, Exp. 3-31-2007 1051 DAVIDS ROAD PERRIS, CA 92571 (951) 657-2822 CITY OF RIVERSIDE BUSINESS TAX CERTIFICATE No. 011880, EXPIRATION DATE 4-14-2007.

Paul Dieges 5-12-06
 REGISTERED PROFESSIONAL ENGINEER
 No. 13234
 Exp. 3-31-2007
 CIVIL
 STATE OF CALIFORNIA

CURVE DATA

Δ	DELTA	RADIUS	LENGTH	TANGENT
①	90°27'54"	35.00'	55.26'	35.29'
②	89°32'06"	35.00'	54.69'	34.72'

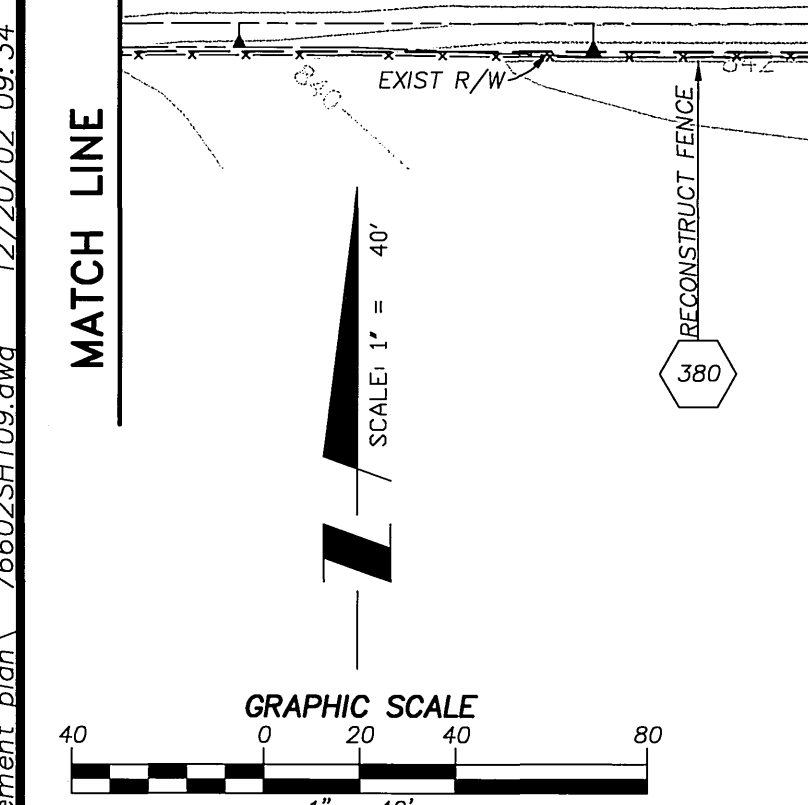
- CONSTRUCTION NOTES**
- CONSTRUCT DRIVEWAY APPROACH.
 - CONSTRUCT TYPE II CROSS GUTTER & SPANDRAL PER CITY STD. 220.
 - CONSTRUCT WHEELCHAIR RAMP PER CITY STD. 304, TYPE III.
 - CONSTRUCT CURB-SIDEWALK PER CITY STD. 325.
- PROFILE SCALES**
 HORIZ.: 1" = 40'
 VERT.: 1" = 4'



- SPECIFIC CONSTRUCTION NOTES**
- CONSTRUCT VARIABLE THICKNESS A.C. OVERLAY (0.10' MINIMUM)
 - APPROXIMATE LOCATION OF CRACK REPAIR
- 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.
- ADJ: 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.
 - C S2: CONSTRUCT STRUCTURAL SECTION OF 0.50" D.G.A.C. OVER 0.65' C.A.B. OVER COMPACTED NATIVE SOIL.
 - G1: COLD MILL PAVEMENT TO A DEPTH OF 0.10' BELOW GUTTER LIP AND DAYLIGHT TO MEET EXISTING PAVEMENT IN 5.0 FT.
 - REL: RELOCATE EXISTING TRAFFIC CONTROL SIGNS AS DIRECTED BY THE PUBLIC WORKS INSPECTOR AND PER STANDARD DRAWING NUMBER 666.
 - REM III: REMOVE TREE, CLASS III

CURVE/LINE DATA

Δ	DELTA/BEARING	RADIUS	LEN./DIST.	TANGENT
①	N89°23'10"E	-	1000.00'	-
②	N89°23'10"E	-	1000.00'	-



DESIGNED BY: AV/OS
 DRAWN BY: AV/OS
 CHECKED BY: SJH
 PLANS PREPARED UNDER THE SUPERVISION OF:
 DATE: 11-7-02
 STEVE J. HOSTFORD R.C.E. 42280

AEI-CASC ENGINEERING
 937 SOUTH VIA LATA SUITE 500 COLTON, CA 92324
 PH. (909) 783-0101 FAX (909) 783-0108

Underground Service Alert
 Call: TOLL FREE 1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

ADD 26' x 48' DRIVES, DRAIN & SIDEWALKS

MARK	REVISIONS	APPR.	DATE

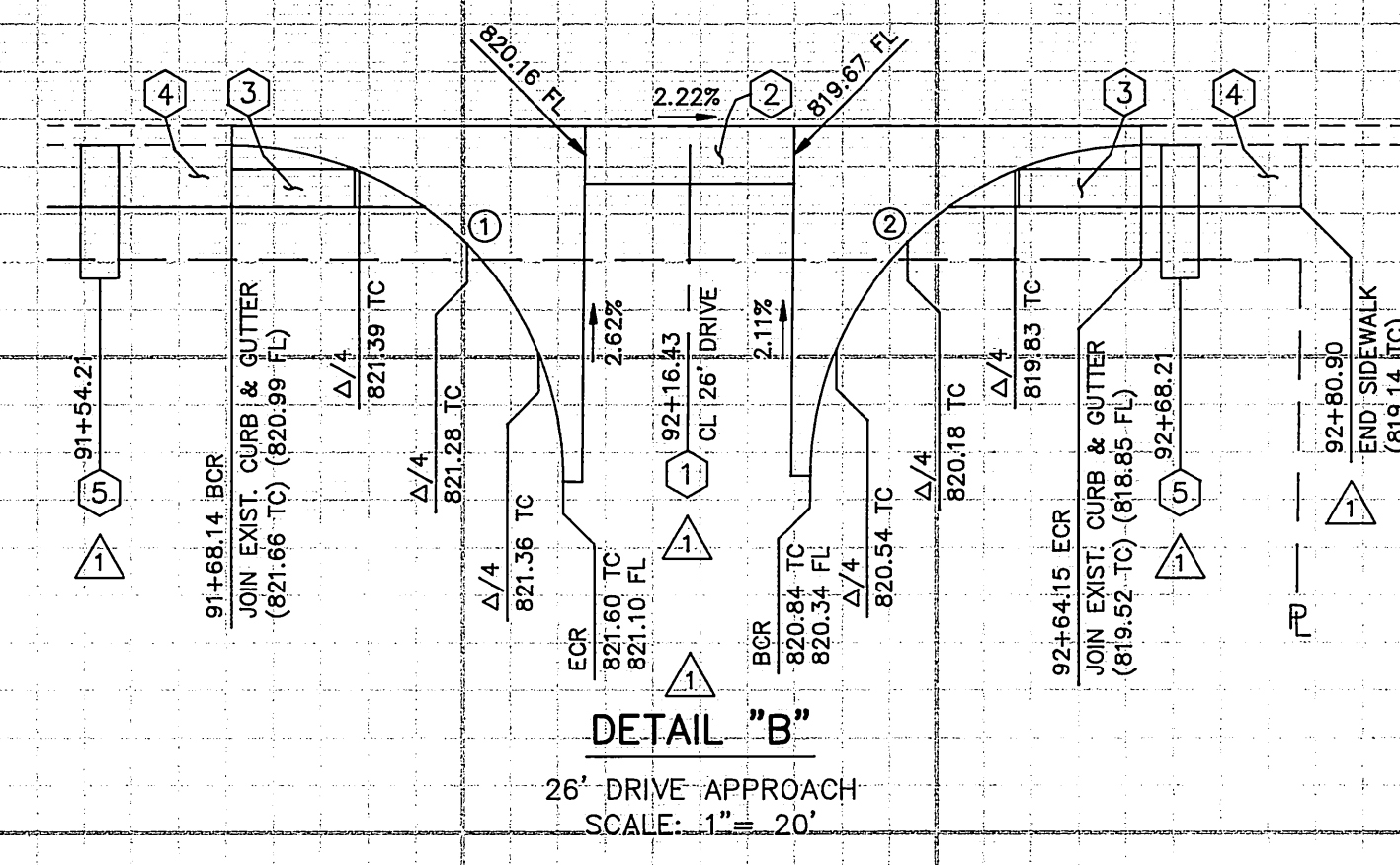
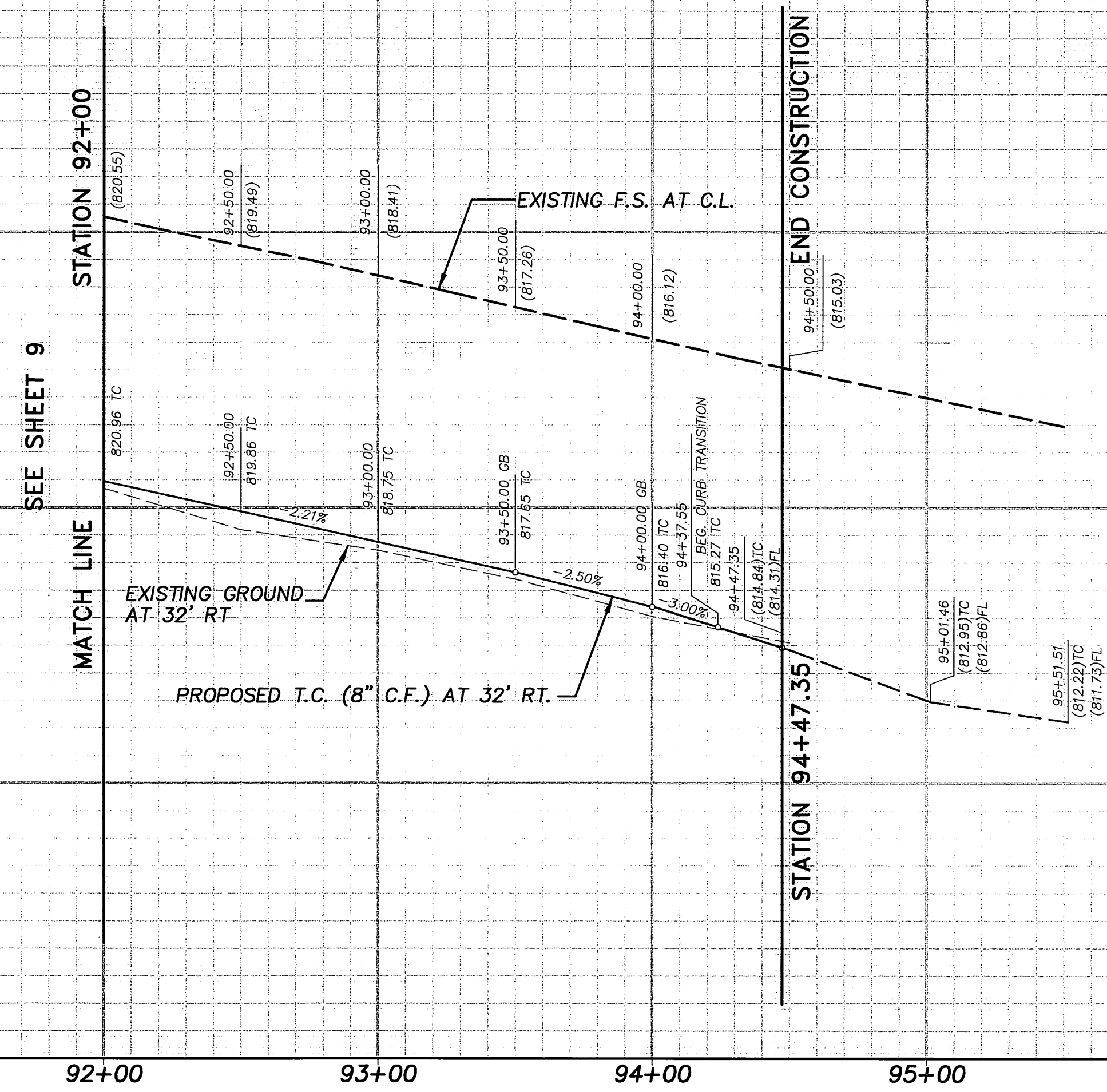
DESIGNED BY: _____ DRAWN BY: _____ CHECKED BY: _____

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT
 APPROVED BY: [Signature]
 DATE: 2/12/03

CITY OF RIVERSIDE CENTRAL AVENUE WIDENING FROM STATION: 82+00 TO STATION: 92+00
 ACCT. NO. 9537427152-440223XX
R-3630
 SHEET 9 OF 11
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'
 FILE NO. INDEXED 5-14-04

820-C.L.

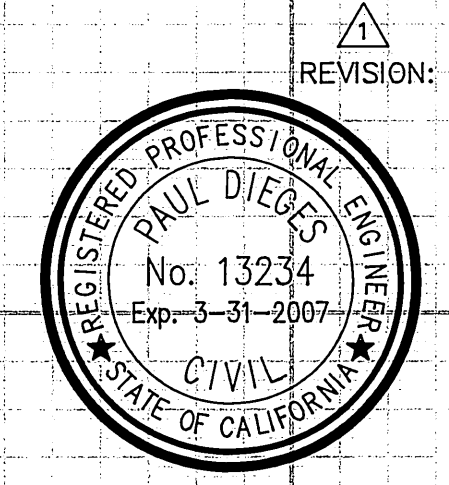
820-RT



CURVE DATA

NO	DELTA	RADIUS	LENGTH	TANGENT
1	90°27'54"	35.00'	55.26'	35.28'
2	89°32'06"	35.00'	54.69'	34.72'

- CONSTRUCTION NOTES
- 1 CONSTRUCT DRIVEWAY APPROACH.
 - 2 CONSTRUCT TYPE II CROSS GUTTER & SPANDRAL PER CITY STD. 220.
 - 3 CONSTRUCT WHEELCHAIR RAMP PER CITY STD. 304, TYPE III.
 - 4 CONSTRUCT CURB SIDEWALK PER CITY STD. 325.
 - 5 CONSTRUCT PARKWAY DRAIN PER A.P.W.A. STD. 151-1.



REVISION: PW05-1114
ADDITION OF 48" DRIVE AT STA. 89+44.42, A 26" DRIVE AT STA. 92+16.43, SIDEWALK FROM STA. 86+15.31 TO STA. 92+80.90, AND PARKWAY DRAINS AT STA. 91+54.21 AND STA. 92+68.21 PREPARED BY PAUL DIEGES, R.C.E. 13234, Exp. 3-31-2007. 1051-DAVIDS ROAD PERRIS, CA 92571 (951) 657-2822 CITY OF RIVERSIDE BUSINESS TAX CERTIFICATE No. 011880, EXPIRATION DATE 4-14-2007.

Paul Dieges 5-12-06

PROFILE SCALES
HORIZ.: 1" = 40'
VERT.: 1" = 4'

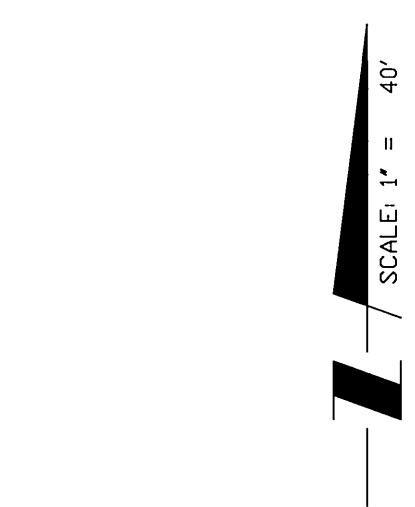
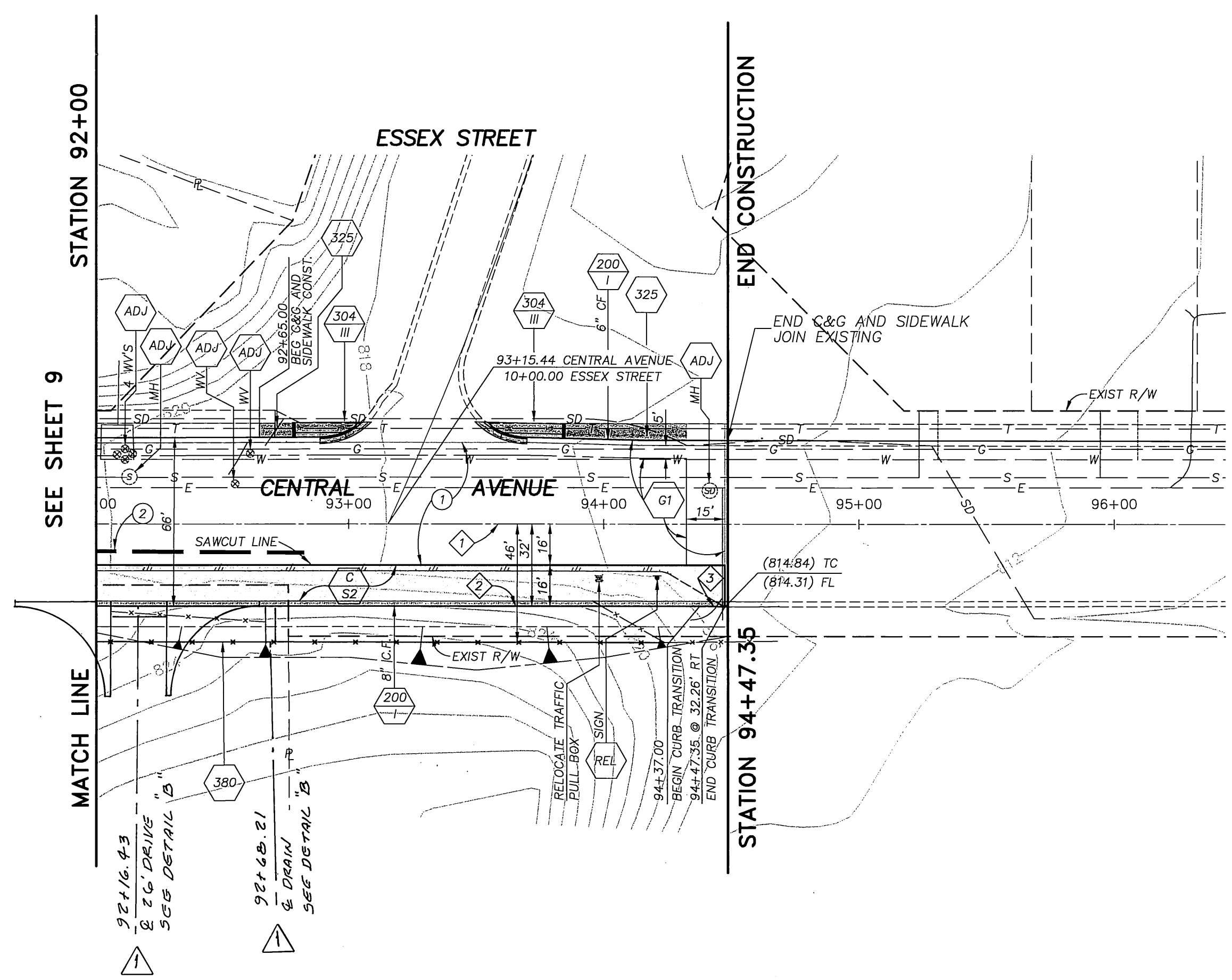
92+00 93+00 94+00 95+00

SPECIFIC CONSTRUCTION NOTES

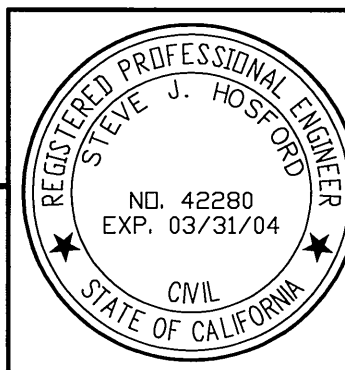
- 1 CONSTRUCT VARIABLE THICKNESS A.C. OVERLAY (0.10' MINIMUM)
 - 2 APPROXIMATE LOCATION OF CRACK REPAIR
- NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
- ADJ 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.
 - C S2 CONSTRUCT STRUCTURAL SECTION OF 0.50' D.G.A.C. OVER 0.65' C.A.B. OVER COMPACTED NATIVE SOIL.
 - G1 COLD MILL PAVEMENT TO A DEPTH OF 0.10' BELOW GUTTER LIP AND DAYLIGHT TO MEET EXISTING PAVEMENT IN 5.0 FT.
 - REL RELOCATE EXISTING TRAFFIC CONTROL SIGNS AS DIRECTED BY THE PUBLIC WORKS INSPECTOR AND PER STANDARD DRAWING NUMBER 666.

CURVE/LINE DATA

NO	DELTA/BEARING	RADIUS	LEN/DIST.	TANGENT
1	N89°23'10"E	-	247.35'	-
2	N89°23'10"E	-	240.00'	-
3	N88°35'17"W	-	7.35'	-



C:\Users\jhosford\Documents\76502Sheet\76502Sheet110.dwg 12/20/02 09:40



DESIGNED BY: AV/OS
DRAWN BY: AV/OS
CHECKED BY: SJH
PLANS PREPARED UNDER THE SUPERVISION OF:
Steve J. Hosford RCE 42280
DATE: 11-7-02



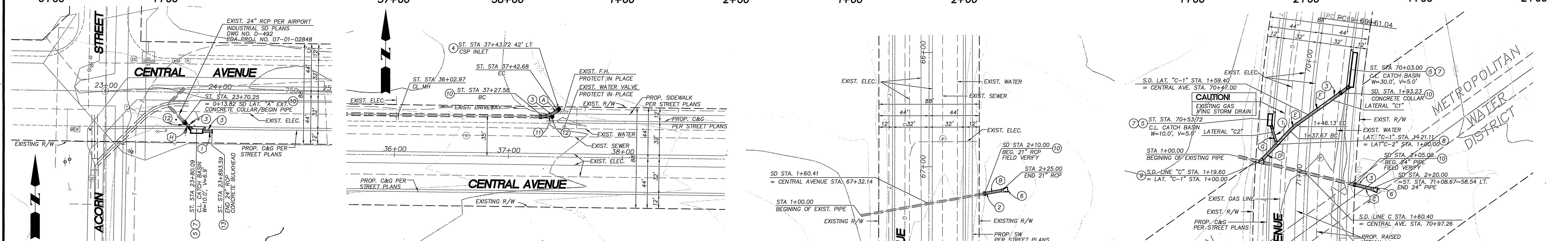
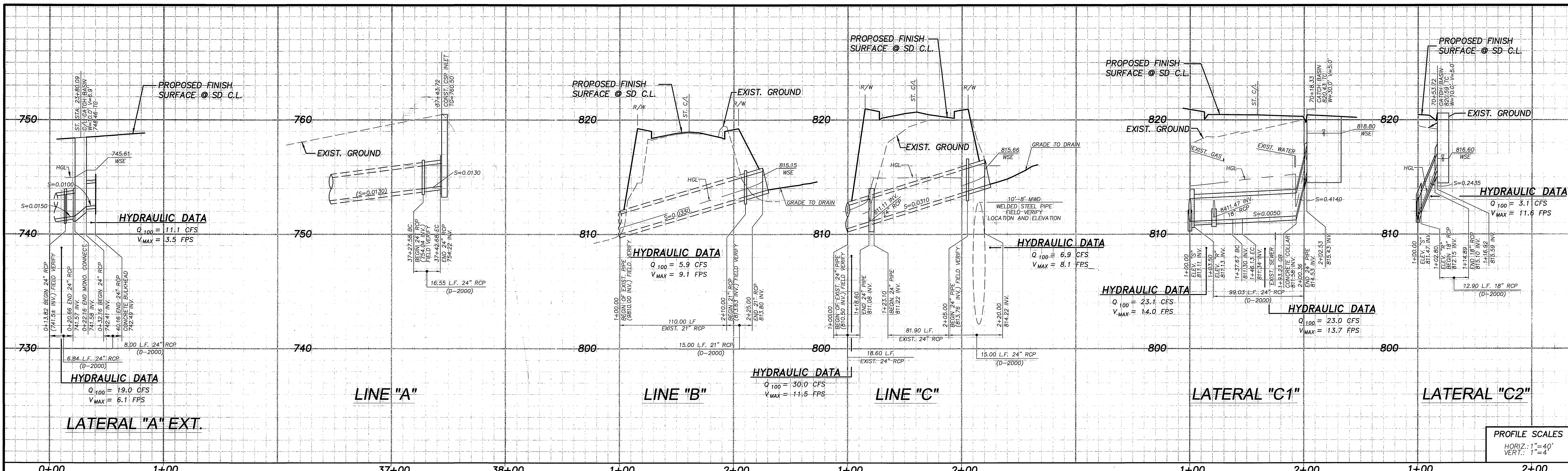
937 SOUTH VIA LATA SUITE 500 COLTON, CA 92324
PH. (909) 783-0101 FAX (909) 783-0108

Underground Service Alert
Call: TOLL FREE 1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

MARK	REVISIONS	APPR.	DATE
	ADD 26" DRIVE, DRAIN & SIDEWALK	RE	5/31/06

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY: [Signature]
DATE: 4/13/03

CITY OF RIVERSIDE
CENTRAL AVENUE WIDENING
FROM STATION: 92+00.00
TO STATION: 94+47.35
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'
ACCT. NO. 9537427152-44023XX
R-3630
SHEET 10 OF 11
INDEXED 5-14-04



STORM DRAIN LAT. "A" EXT.

STORM DRAIN LINE "A"

STORM DRAIN LINE "B"

STORM DRAIN LINE "C"

CONSTRUCTION NOTES

- 1) CONSTRUCT 18" RCP, CONCRETE JOINT-FLARED BELL DESIGN (SEE PROFILE FOR D-LOAD).
- 2) CONSTRUCT 21" RCP, CONCRETE JOINT-FLARED BELL DESIGN (SEE PROFILE FOR D-LOAD).
- 3) CONSTRUCT 24" RCP, CONCRETE JOINT-FLARED BELL DESIGN (SEE PROFILE FOR D-LOAD).
- 4) CONSTRUCT C.S.P. INLET PER CITY OF RIVERSIDE STD. DWG. NO. 412
- 5) CONSTRUCT MONOLITHIC CORNER CONNECTION PER RCFC & WCD STD. DWG. NO. CB 109
- 6) CONSTRUCT CONCRETE FLARED END SECTIONS PER CALTRANS STD. DWG. D94B
- 7) CONSTRUCT CATCH BASIN PER CITY OF RIVERSIDE STD. CB 405
- 8) CONSTRUCT JUNCTION STRUCTURE B PER CITY OF RIVERSIDE STD. DWG. NO. 421
- 9) CONSTRUCT JUNCTION STRUCTURE C PER CITY OF RIVERSIDE STD. DWG. NO. 422
- 10) CONSTRUCT CONCRETE COLLAR PER CITY OF RIVERSIDE STD. DWG. NO. 424
- 11) REMOVE EXISTING PIPE
- 12) REMOVE EXISTING RISER
- 13) CONSTRUCT CONCRETE BULKHEAD PER RCFC & WCD STD. DWG. NO. M816

JUNCTION STRUCTURE B DETAILS

LATERAL	A	B	C'	D1	D2	E'	L'	ELEV "R"	ELEV "S"
LATERAL "C1"	60'00"00"	24"	3.50'	24"	24"	3.50'	4.50'	811.13	811.11

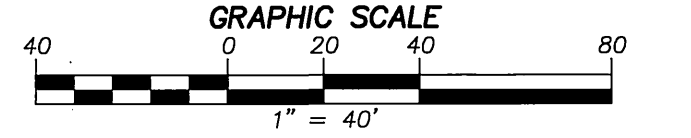
JUNCTION STRUCTURE C DETAILS

LATERAL	A	B	C'	D1	D2	E'	L'	ELEV "R"	ELEV "S"
LATERAL "C2"	60'00"00"	18"	2.80'	24"	24"	2.10'	2.60'	812.44	811.47

DATA

DELTA/BEARING	RADIUS	LEN./DIST.	TANGENT
(A) 42°08'54"	22.50'	16.55'	8.67'
(B) N17°59'54"E	—	15.00'	—
(C) N33°23'34"E	—	15.00'	—
(D) N26°36'26"W	—	37.67'	—
(E) 10°46'01"	45.00'	8.46'	4.24'
(F) N15°50'25"W	—	56.40'	—
(G) N86°36'26"W	—	16.92'	—
(H) N44°17'50"W	—	8.34'	—
(I) N89°17'50"W	—	8.00'	—

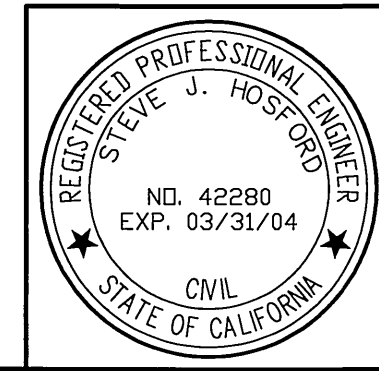
* NOTE: POTHOLING PRIOR TO THE START OF CONSTRUCTION IS REQUIRED WITHIN THE LIMITS OF MWD RIGHT OF WAY AND SHALL BE PERFORMED UNDER THE SUPERVISION OF MWD.



* AS-BUILT 7-08-05 Lft

G:\Y6602\lateral improvement.plm 11/07/02 14:02

CITY OF RIVERSIDE BENCHMARK "H3-F3" - ELEVATION: 741.229' (MWD 1929)
 LEAD AND TRAIL IN TOP OF CURB OF THE MEDIAN (NOSE OF URBAN BUREN BLVD. SOUTH EASTERLY OF THE INTERSECTION OF CENTRAL AVENUE)



DESIGNED BY: HG/OS
 DRAWN BY: HC/OS
 CHECKED BY: JLC
 PLANS PREPARED UNDER THE SUPERVISION OF:
 DATE: 11-7-02

AEI-CASC ENGINEERING
 937 SOUTH VIA LATA SUITE 500 COLTON, CA 92324
 PH. (909) 783-0101 FAX (909) 783-0108

Underground Service Alert
 Call: TOLL FREE 1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT
 APPROVED BY: [Signature]
 TRAFFIC ENGINEER: [Signature]
 DATE: 2/13/03

CITY OF RIVERSIDE CENTRAL AVENUE WIDENING STORM DRAIN PLANS LINE A, LINE B AND LINE C
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

ACCT. NO. 9537427152-440223XX
R-3630
 SHEET 11 OF 11
 FILE NO.

INDEXED 5-14-04 Lft