RIVERSIDE CALIFORNIA

PUBLIC WORKS DEPARTMENT

CENTRAL AVENUE BIKEWAY

CHAPALA TO U.S. 395

PROJECT LENGTH: 6300'

SPECIAL CONSTRUCTION NOTES

CONSTRUCT A.C. BIKEWAY 6' WIDE 0.25' THICK.

PLACE 4" OR 2½" A.C. OVER COMPACTED NATIVE SOIL AS SHOWN ON PLAN.

NUMBERS ABOVE 100 SHOWN IN ⬡ ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING NUMBERS AND SHALL BE CONSTRUCTED ACCORDINGLY UNLESS MODIFICATIONS ARE NOTED ON PLAN OF THIS SHEET BELOW. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.

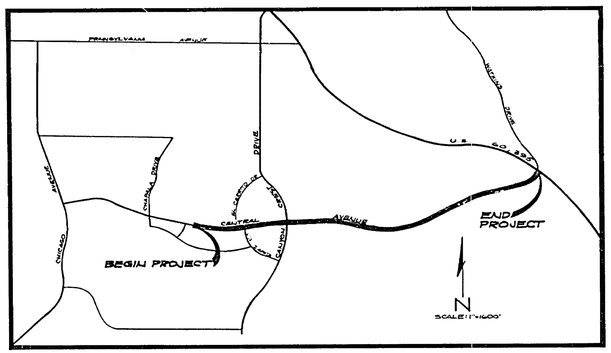
CONSTRUCT DOWN DRAIN PER DETAIL ON SHEET #6.*

EXISTING UNDERGROUND UTILITIES:

SANITARY SEWER	—8"S—	TELEPHONE CONDUIT	—T—
WATER LINE	—6"W—	ELECTRICAL CONDUIT	—E—
STORM DRAIN	—24"S.D—	STREET LIGHTING	—SL—
GAS LINE	—3"G—	TRAFFIC SIGNAL	—SIG—
IRRIGATION LINE	—20"IRR—	FIRE ALARM	—F—

EXISTING TOPOGRAPHY:

- BLOCK WALL
- BOARD FENCE
- WIRE FENCE
- CHAIN LINK FENCE
- TOP OF SLOPE
- TOE OF SLOPE
- DIRECTION OF FLOW
- SANITARY SEWER M.H.
- SANITARY SEWER CLEANOUT
- STORM DRAIN M.H.
- IRRIGATION AEIR
- WATER M.H.
- GAS M.H.
- ELECTRIC M.H.
- TELEPHONE M.H. OR VAULT
- WATER METER
- FIRE HYDRANT
- SPRINKLER HEAD
- VALVE
- POLE & GUY ANCHOR
- ELECTRIC POLE
- TELEPHONE POLE
- JOINT USE POLE
- PULL BOX
- TRAFFIC MAN
- PARKING METER
- FIRE ALARM BOX
- STREET NAME SIGN
- GAS METER
- MAIL BOX
- FAUCET
- WALK DON'T WALK PEDESTRIAN SIGNAL
- PEDESTRIAN PUSH BUTTON
- RAILROAD TRACKS
- RAILROAD SIGN
- RAILROAD SIGNAL
- STREET LIGHT & TRAFFIC SIGNAL ON MAST ARM
- STREET LIGHT (UPRIGHT)
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL ON MAST ARM
- TRAFFIC SIGNAL CONTROLLER
- TRAFFIC SIGNAL PRESSURE DETECTOR
- TRAFFIC SIGNAL LOOP DETECTOR
- CONCRETE
- ASPHALT
- EDGE OF PAVEMENT
- BUILDING
- UNDERGROUND STRUCTURE
- OVERHANGING STRUCTURE
- CITRUS TREE
- OR DECIDUOUS TREE
- OR PALM TREE
- SHRUBBERY
- TREE STUMP



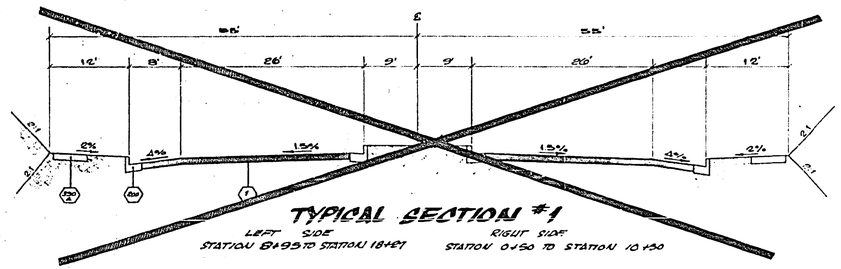
LOCATION MAP

GENERAL CONSTRUCTION NOTES

1. EXACT LOCATION AND DEPTH OF UNDERGROUND UTILITIES ARE UNKNOWN. THE LOCATIONS AND DEPTHS SHOWN ON THIS PLAN ARE FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UNDERGROUND FACILITIES WHETHER OR NOT SHOWN ON PLAN. WHERE THE COVER TO THE TOP OF A UTILITY IS UNKNOWN IT IS SHOWN IN THE PROFILE BY: ?—— UTILITY NAME, BUT IS NOT EXPECTED TO CONFLICT WITH IMPROVEMENTS
2. CLEAR AND GRUB WHERE NEW CONSTRUCTION IS INDICATED.
3. TRAFFIC SIGNS REMOVED DURING CONSTRUCTION SHALL BE SALVAGED BY THE CONTRACTOR AND RELOCATED AS DIRECTED BY THE INSPECTOR.
4. UNLESS OTHERWISE NOTED ON THE PLAN: ALL FILL SLOPES TO BE 2:1. SLOPES LESS THAN 2' HIGH ARE NOT NECESSARILY SHOWN ON THE PLAN. ALL CUT SLOPES LESS THAN 2' HIGH TO BE 2:1. ALL CUT SLOPES 2' HIGH OR HIGHER TO BE 1½:1.
5. ALL ELEVATIONS SHOWN ON THE PLAN SHALL BE STAKED IN THE FIELD.
6. GRADE AS NECESSARY TO AND FROM PROPOSED DRAINS AND DITCHES.

* AS BUILT 7-8-77 DKV

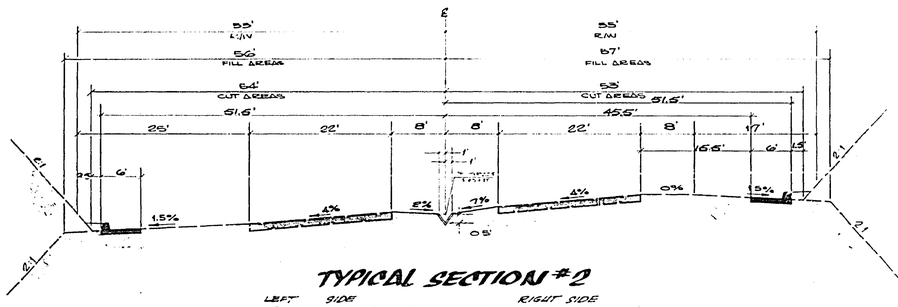
CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT			Central Avenue Bikeway Chapala to U.S. 395	ACCOUNT NO 80 875 882 20
APPROVED BY			APPROVED BY [signature] PUBLIC WORKS DIRECTOR	R-1898
PRINCIPAL ENGINEER	[signature]	2/10	DATE 2-14-77	SHEET 1 OF 7
TRAFFIC DIVISION	[signature]	2-11	DESIGNED BY CEH DRAWN BY GRW CHECKED BY DKP	FILE NO.
CHIEF P.W. ENGINEER	[signature]	2-10		



TYPICAL SECTION #1

LEFT SIDE
STATION 8+95 TO STATION 18+27

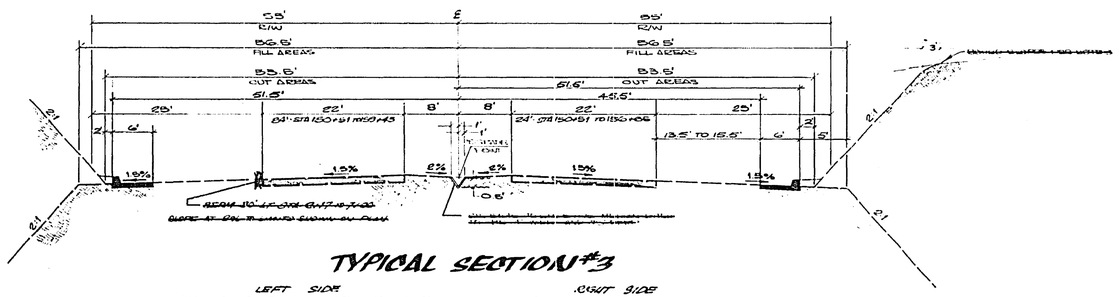
RIGHT SIDE
STATION 0+50 TO STATION 10+50



TYPICAL SECTION #2

LEFT SIDE
STATION 118+60 TO STATION 133+65

RIGHT SIDE
STATION 117+54 TO STATION 133+65



TYPICAL SECTION #3

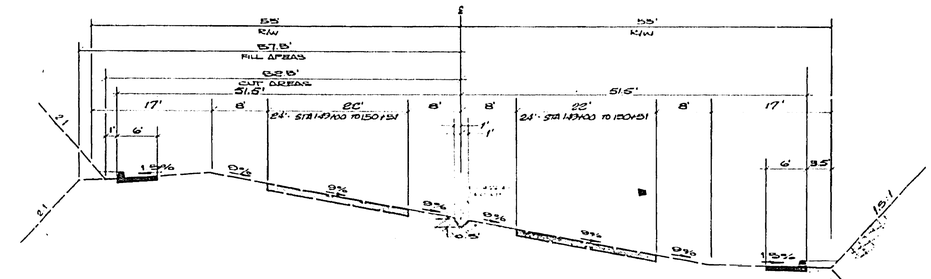
LEFT SIDE
~~STATION 6+17 TO STATION 7+00~~
STATION 133+65 TO STATION 144+64
STATION 150+51 TO STATION 159+43

RIGHT SIDE
~~STATION 16+05 TO STATION 17+54~~
STATION 133+65 TO STATION 144+65
STATION 150+51 TO STATION 156+65

FOR SECTIONS FROM STA. 61+20 TO STA. 71+00 AND STA. 71+90 TO STA. 80+60 SEE SHEET 3 & 4.

TYPICAL SECTION NOTES:

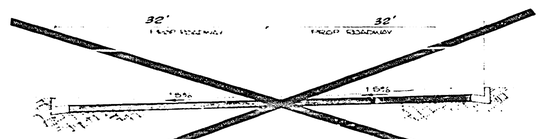
1. THE [illegible] SLOPES SHOWN ARE [illegible] AND [illegible] APPLY ONLY [illegible] THE PROPOSED [illegible] ARE NOT SHOWN [illegible] SHEET PROFILES.
2. STATIONS [illegible] THE AREAS [illegible] GEOMETRIC TRANSITIONS ARE [illegible]
3. [illegible] TOP OF PROPOSED SLOPES A MINIMUM OF 3' AS DIRECTED



TYPICAL SECTION #4

LEFT SIDE
STATION 144+65 TO STATION 150+51

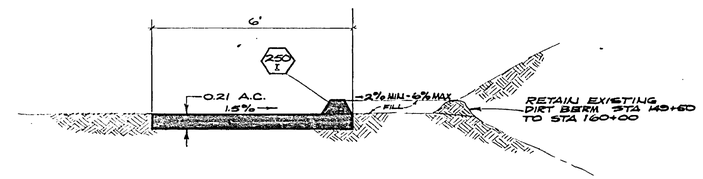
RIGHT SIDE
STATION 144+65 TO STATION 150+51



TYPICAL SECTION #5

LEFT SIDE
STATION 60+27 TO STATION 62+10

RIGHT SIDE
STATION 60+27 TO STATION 62+[illegible]



TYPICAL BIKEWAY SECTION

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

LEFT SIDE
STA. 118+60 TO STA. 159+85

RIGHT SIDE
STA. 117+54 TO STA. 160+00

* AS BUILT [illegible]

MARK	REVISIONS	APPR.	DATE

DESIGNED BY [illegible] DRAWN BY [illegible] CHECKED BY [illegible]

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER	[illegible]	2/11
TRAFFIC DIVISION		
ASSISTANT CITY ENG.	[illegible]	2-10

APPROVED BY [illegible]
DIRECTOR OF PUBLIC WORKS
DATE [illegible]

Central Avenue Bikeway

Chapala to U.S. 395

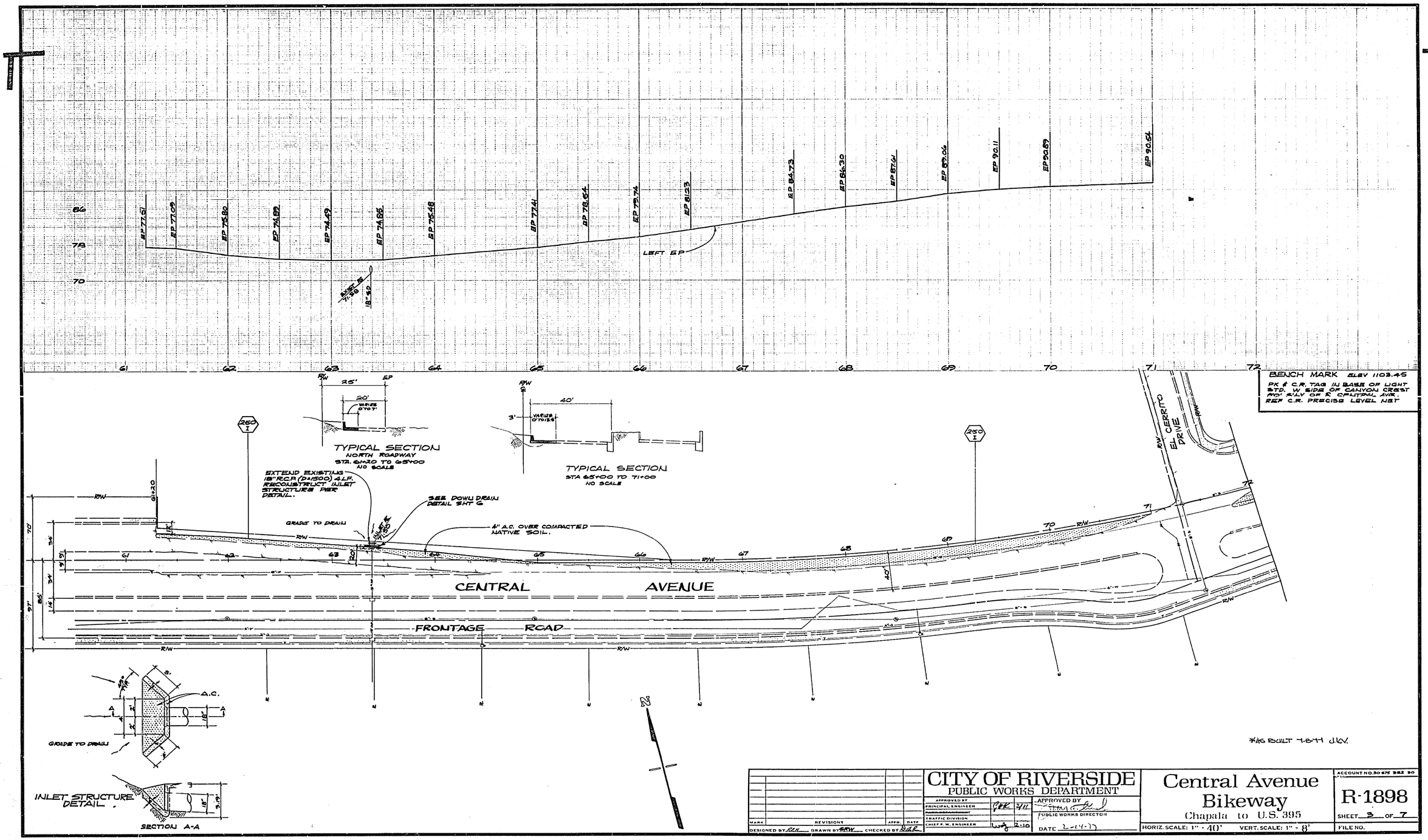
HORIZ. SCALE: 1" = 10' VERT. SCALE: 1" = 4'

PROJECT NO [illegible]

R-1898

SHEET 2 OF 7

FILE NO.



MARK	REVISIONS	APPR.	DATE

DESIGNED BY RCH DRAWN BY GRW CHECKED BY DAR

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY
PRINCIPAL ENGINEER GFK 3/11
TRAFFIC DIVISION
CHIEF P. W. ENGINEER Wag 2-10

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 2-14-77

Central Avenue
Bikeway
Chapala to U.S. 395

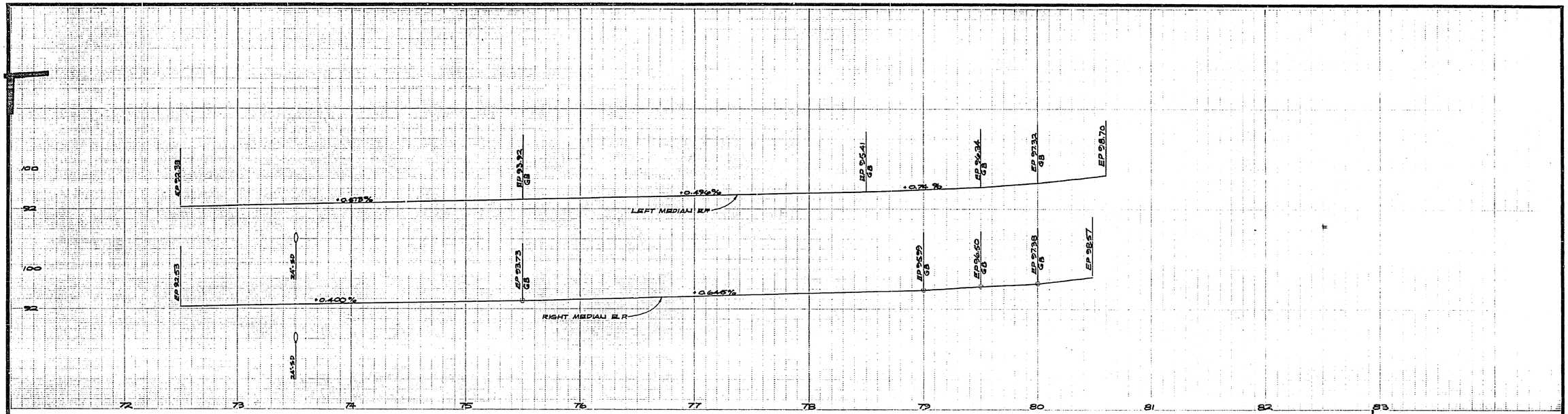
HORIZ. SCALE: 1" - 40' VERT. SCALE: 1" - 8'

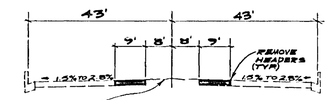
ACCOUNT NO. 30 675 382 90

R-1898

SHEET 3 OF 7

FILE NO.

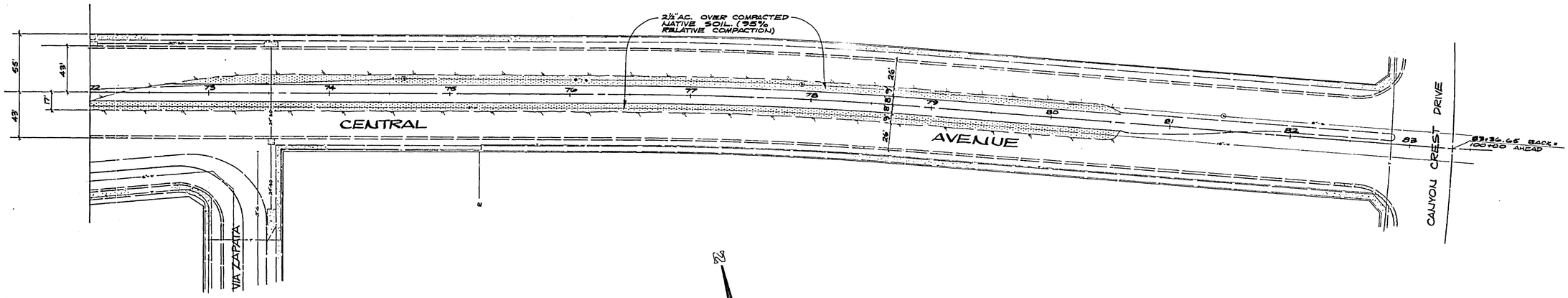




GRADE MEDIAN AS DIRECTED IN THE FIELD.

TYPICAL SECTION
STA. 71+90 TO STA. 80+60

BENCH MARK ELEV. 1103.46
PK & C.R. TAG IN BASE OF LIGHT STR. W. SIDE OF CANYON CREST 20' S'LY OF E. CENTRAL AVE.
REF. C.R. PRECISE LEVEL NET.



*AS BUILT 7-8-77 J.K.V.

MARK	REVISIONS	APPR	DATE

DESIGNED BY REH DRAWN BY GRW CHECKED BY DCR

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY PRINCIPAL ENGINEER		4/11
TRAFFIC DIVISION		
CHIEF P.W. ENGINEER		5/10

APPROVED BY _____ PUBLIC WORKS DIRECTOR
DATE 2-14-77

Central Avenue Bikeway
Chapala to U.S. 395

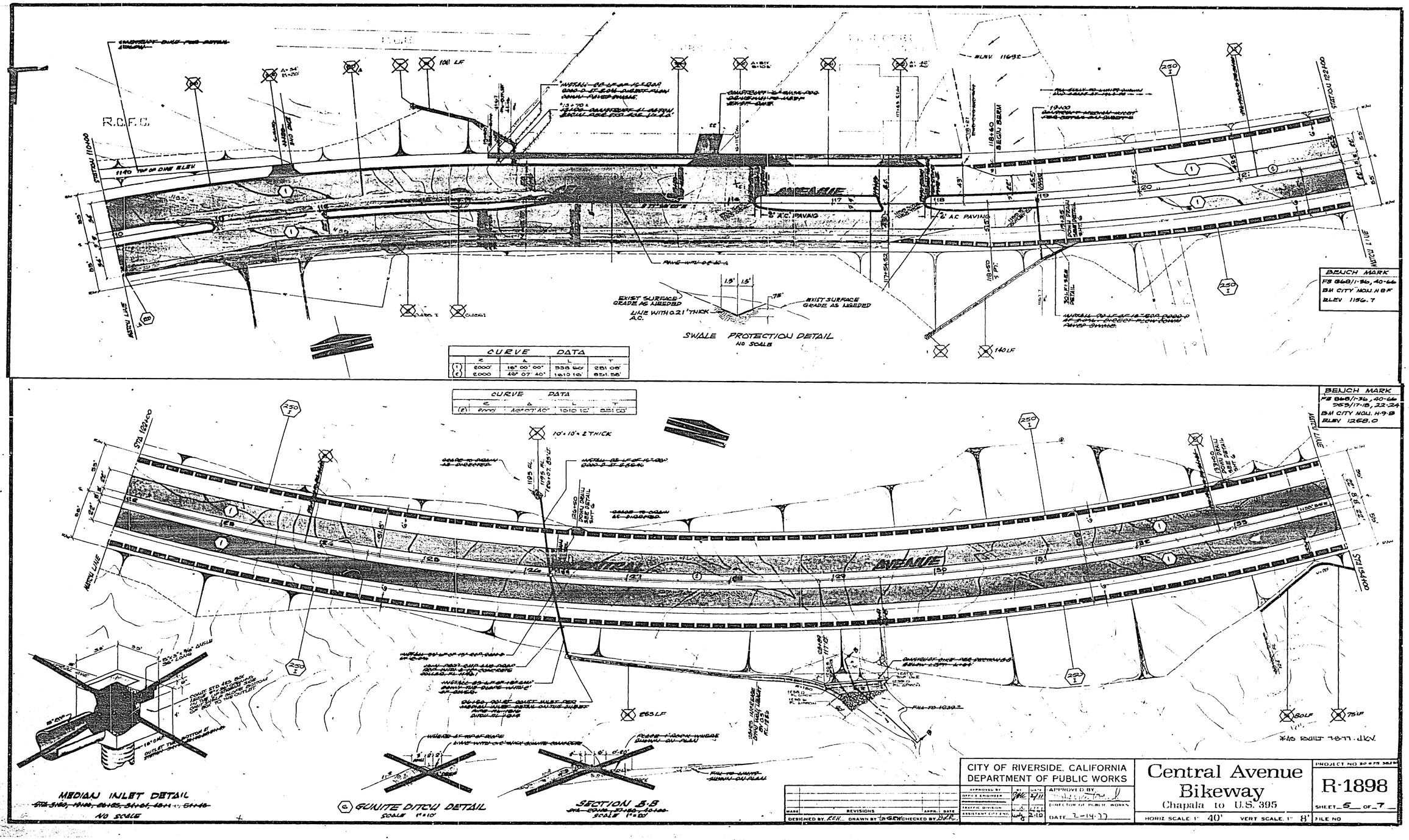
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

ACCOUNT NO. 30 879 382 80

R-1898

SHEET 4 OF 7

FILE NO.



CURVE DATA				
	R	Δ	L	T
(1)	2000'	16° 00' 00"	558.60'	281.08'
(2)	2000	48° 07' 40"	1610.16'	851.58'

CURVE DATA				
	R	Δ	L	T
(2)	2000'	48°07'40"	1610.16'	851.58'

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: DATE 2/11
APPROVED BY: DIRECTOR OF PUBLIC WORKS
DATE 2-14-77

Central Avenue Bikeway

Chapala to U.S. 395

HORIZ SCALE 1" 40' VERT SCALE 1" 8'

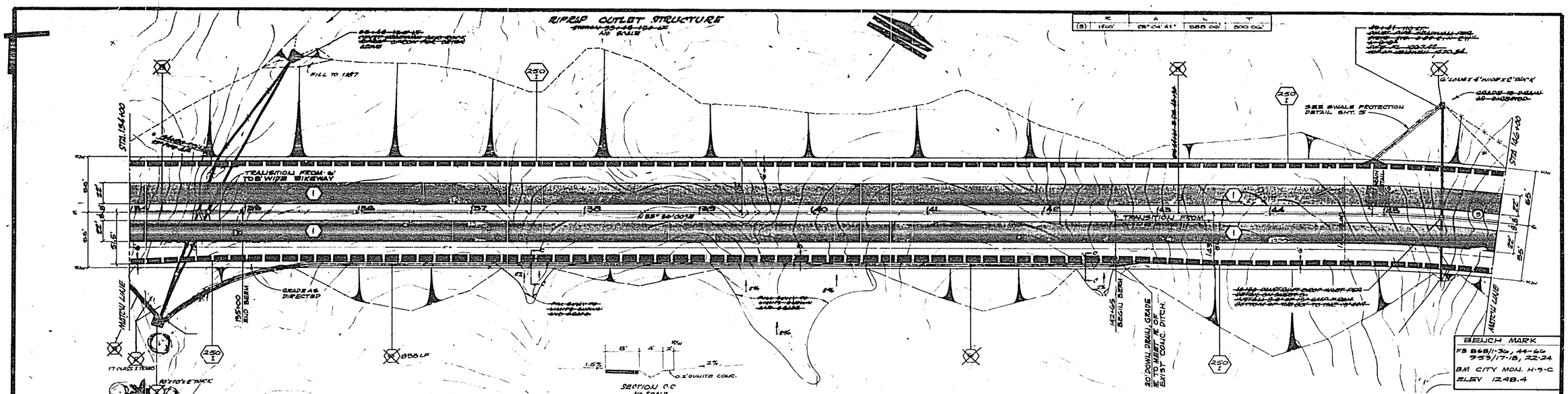
PROJECT NO 30 475 3828

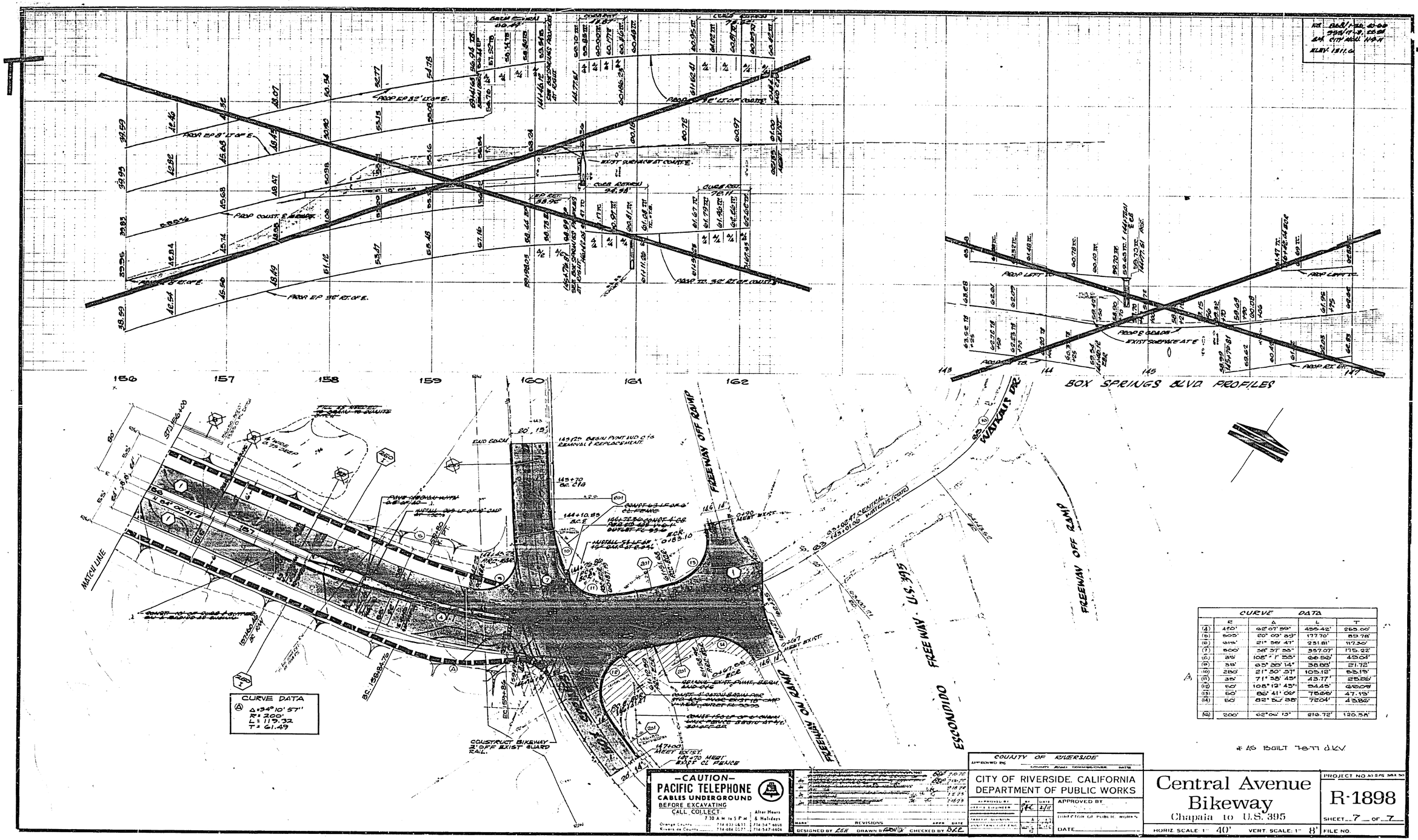
R-1898

SHEET 5 OF 7

FILE NO

DESIGNED BY REH DRAWN BY GRW CHECKED BY DLR


RIPRAP OUTLET STRUCTURE
NO SCALE
FILL TO 1187
TRANSITION FROM 6' TO 8' WIDE BIKEWAY
TRANSITION FROM
GRADE AS DIRECTED
SEE SWALE PROTECTION DETAIL SHT. 5
6' LONG x 4' WIDE x 2' THICK
STA. 134+00
STA. 146+00
MATCH LINE
135+00 END BERM
142+65 BEGIN BERM
20' DOWN DRAIN, GRADE TO MEET ℄ OF EXIST. CONC. DITCH.
858 LF
17 CLASS I TREES
10'x10'x2' THICK
SECTION C-C
NO SCALE
0.2' QUNITE CONC.
BENCH MARK
FB 868/1-36, 44-66
953/17-18, 22-24
BM CITY MON. H-9-C
ELEV 1248.4
664 LF
4' WIDE x 1.75' DEEP
CONSTRUCT DOWN DRAIN WINGS TO MEET EXIST. DOWN DRAIN AT R/W.
CENTRAL AVENUE
N 84° 00' 41" E
STA. 156+00
1½:1 SLOPE
CITY
COUNTY
DEPRESS 0.5' BELOW E.P.
DOWN DRAIN DETAIL
NO SCALE
BENCH MARK
FB 868/1-36, 44-66
953/17-18, 22-24
BM CITY MON. H-9-E
ELEV. 1312.6
AS BUILT 7-8-77. O.K.V.
CURVE DATA
R
A
L
T
(3) 1600' 28°04'41" 588.00' 300.00'
COUNTY OF RIVERSIDE
APPROVED BY
COUNTY ROAD COMMISSIONER DATE
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 2-14-77
REVISIONS
DESIGNED BY LEH DRAWN BY CHECKED BY
Central Avenue
Bikeway
Chapala to U.S. 395
HORIZ SCALE 1" 40'
VERT SCALE 1" 8'
PROJECT NO 30 975 382 90
R-1898
SHEET 6 OF 7
FILE NO



CURVE DATA				
	R	Δ	L	T
(4)	450'	62°07'39"	455.42'	255.00'
(5)	505'	20°09'39"	177.70'	89.78'
(6)	615'	21°38'47"	231.81'	117.30'
(7)	500'	38°37'33"	337.07'	175.22'
(8)	35'	108°17'55"	66.56'	49.04'
(9)	35'	63°30'14"	38.88'	21.72'
(10)	280'	21°30'37"	105.12'	53.15'
(11)	35'	71°38'45"	43.77'	25.26'
(12)	50'	108°12'45"	94.45'	66.09'
(13)	50'	86°41'06"	75.66'	47.15'
(14)	50'	82°50'38"	72.04'	43.86'
(16)	200'	62°06'13"	216.72'	120.38'

* AS BUILT 7-8-77 J.K.V.

-CAUTION-
PACIFIC TELEPHONE
CABLES UNDERGROUND
BEFORE EXCAVATING
CALL COLLECT
7:30 A.M. to 5 P.M. — After Hours & Holidays
Orange County 714-633-0633 — 714-547-6606
Riverside County 714-684-0071 — 714-547-6606

REVISIONS
DESIGNED BY LEH DRAWN BY GRW CHECKED BY BKL

COUNTY OF RIVERSIDE
APPROVED BY
COUNTY ROAD COMMISSIONER DATE

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE

Central Avenue Bikeway
Chapaia to U.S. 395

PROJECT NO. 30 575 383 50
R-1898
SHEET 7 OF 7
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'
FILE NO.