RIVERSIDE CITY OF 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 OR 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:

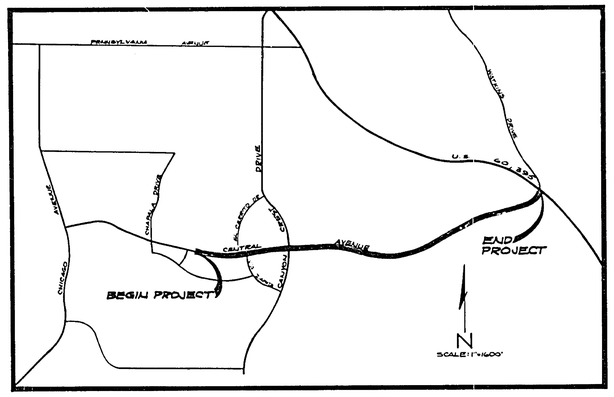
SANITARY SEWER	8"S	TELEPHONE CONDUIT	T
WATER LINE	6"W	ELECTRICAL CONDUIT	E
STORM DRAIN	24"SD	STREET LIGHTING	SL
GAS LINE	3"G	TRAFFIC SIGNAL	SIG
IRRIGATION LINE	20"IRR	FIRE ALARM	F

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 AIR
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 SIGN
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)
STREET LIGHT
TRAFFIC SIGNAL
TRAFFIC SIGNAL ON MAST ARM
TRAFFIC SIGNAL CONTROLLER
TRAFFIC SIGNAL PRESSURE DETECTOR
TRAFFIC SIGNAL LOOP DETECTOR
CITRUS TREE
OR DECIDUOUS TREE
OR PALM TREE
SHRUBBERY
TREE STUMP

CONCRETE
ASPHALT
EDGE OF PAVEMENT
BUILDING
UNDERGROUND STRUCTURE
OVERHANGING STRUCTURE



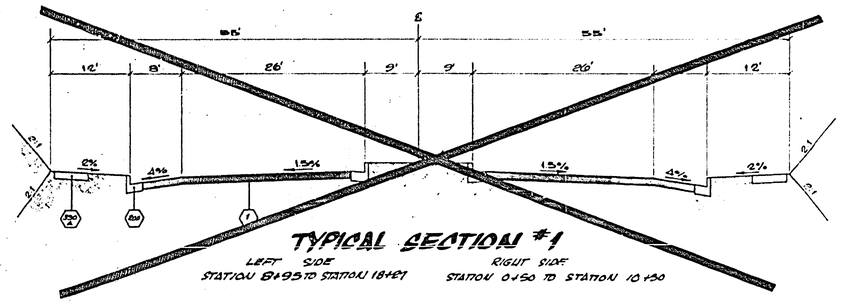
LOCATION MAP

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: 2 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.

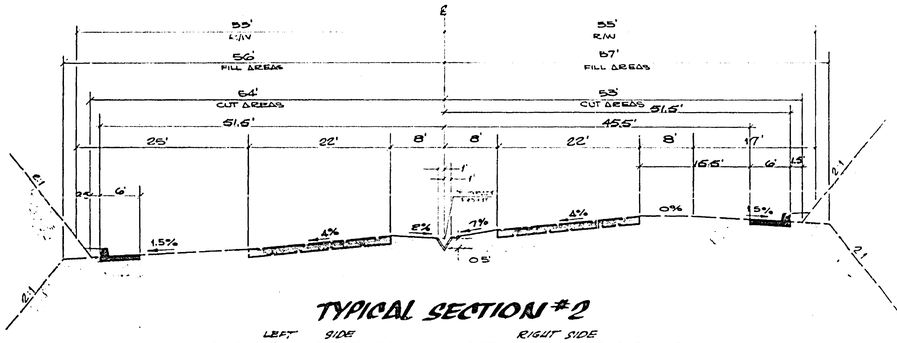
CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT			Central Avenue Bikeway Chapala to U.S. 395	ACCOUNT NO. 50 875 882 20 R-1898
APPROVED BY			APPROVED BY PUBLIC WORKS DIRECTOR	SHEET 1 OF 7
PRINCIPAL ENGINEER		2/10		
TRAFFIC DIVISION		2/10	DATE 2-14-77	DESIGNED BY KEH DRAWN BY GRW CHECKED BY DKR
CHIEF P.W. ENGINEER		2/10		FILE NO.



TYPICAL SECTION #1

LEFT SIDE
STATION 8+95 TO STATION 18+27

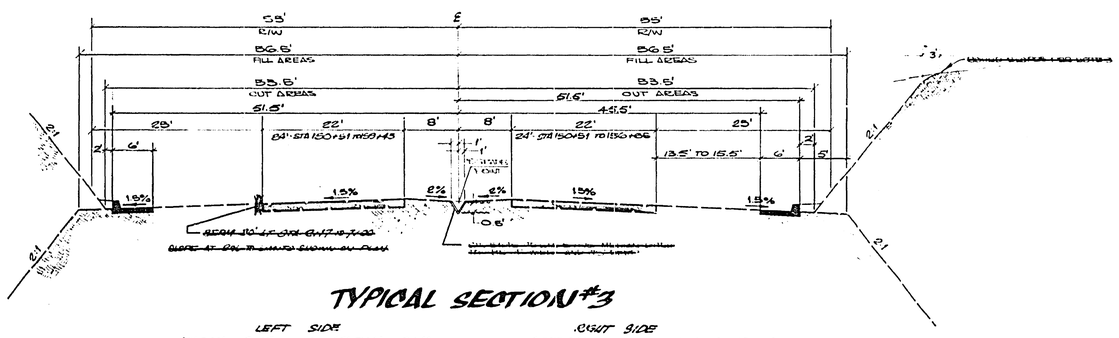
RIGHT SIDE
STATION 0+50 TO STATION 10+50



TYPICAL SECTION #2

LEFT SIDE
STATION 118+60 TO STATION 133+65

RIGHT SIDE
STATION 117+54 TO STATION 133+65



TYPICAL SECTION #3

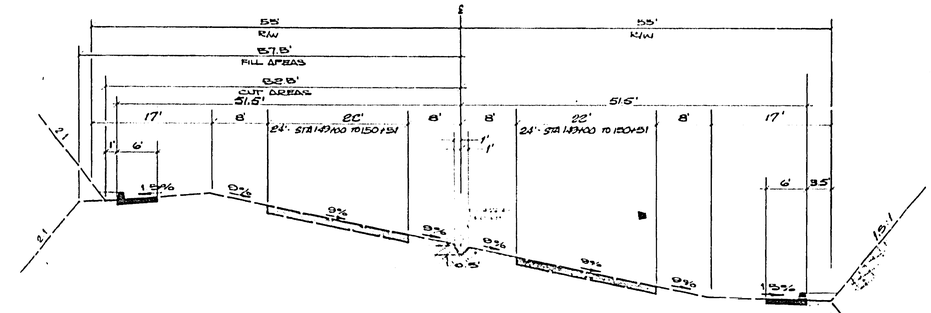
LEFT SIDE
~~STATION 2+17 TO STATION 7+00~~
STATION 133+65 TO STATION 144+64
STATION 150+51 TO STATION 159+43

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:

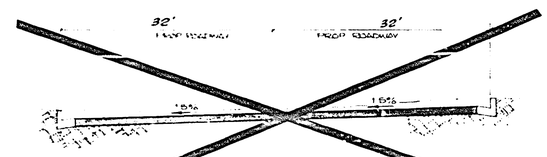
1. THE CROSS SLOPES SHOWN ARE TYPICAL AND SHALL APPLY ONLY WHERE THE PROPOSED PAVEMENT GRADES ARE NOT SHOWN ON THE PLAN SHEET PROFILES.
2. STATIONS FOR THE AREAS OF ROADWAY GEOMETRIC TRANSITIONS ARE INDICATED
3. ROUND TOP OF PROPOSED SLOPES A MINIMUM OF 3' AS DIRECTED



TYPICAL SECTION #4

LEFT SIDE
STATION 144+65 TO STATION 150+51

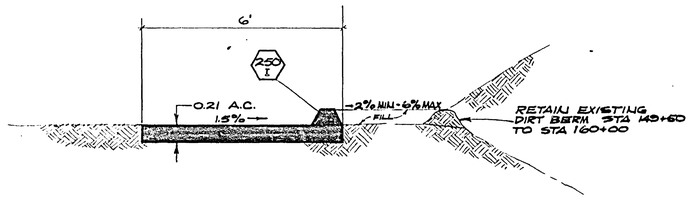
RIGHT SIDE
STATION 144+65 TO STATION 150+51



TYPICAL SECTION #5

LEFT SIDE
STATION 60+27 TO STATION 62+10

RIGHT SIDE
STATION 60+27 TO STATION 62+10



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 7-8-77 JKV.

MARK	REVISIONS	APPR	DATE
A	~~[illegible]~~		~~[illegible]~~

DESIGNED BY LEN DRAWN BY [illegible] CHECKED BY DLR

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

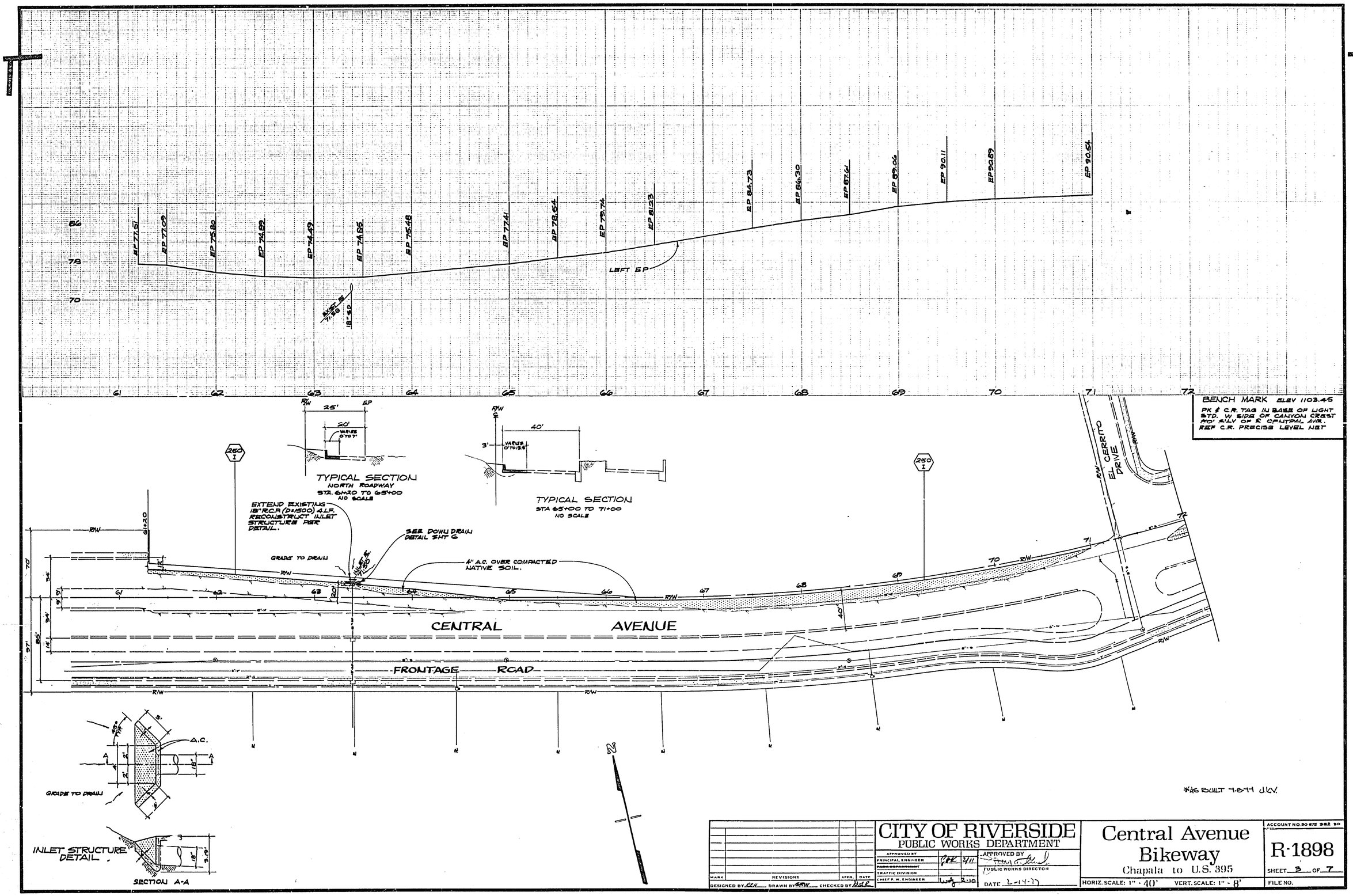
HORIZ. SCALE: 1" = 10' VERT. SCALE: 1" = 4'

PROJECT NO 30 575 382 30

R-1898

SHEET 2 OF 7

FILE NO.



MARK	REVISIONS	APPR.	DATE

DESIGNED BY RCH DRAWN BY SRW CHECKED BY DAR

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY PRINCIPAL ENGINEER	PER	3/11
~~PARKS DEPARTMENT~~		
TRAFFIC DIVISION		
CHIEF P. W. ENGINEER		

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 2-14-77

Central Avenue Bikeway
Chapala to U.S. 395

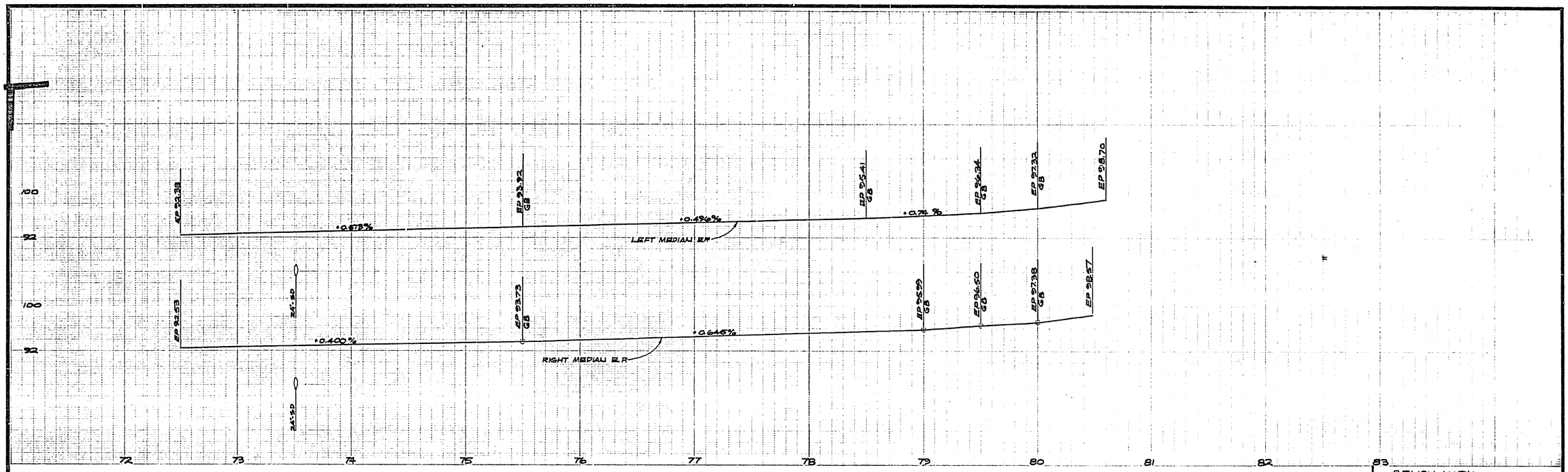
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

ACCOUNT NO. 30 675 382 30

R-1898

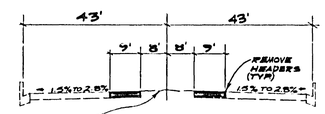
SHEET 3 OF 7

FILE NO.



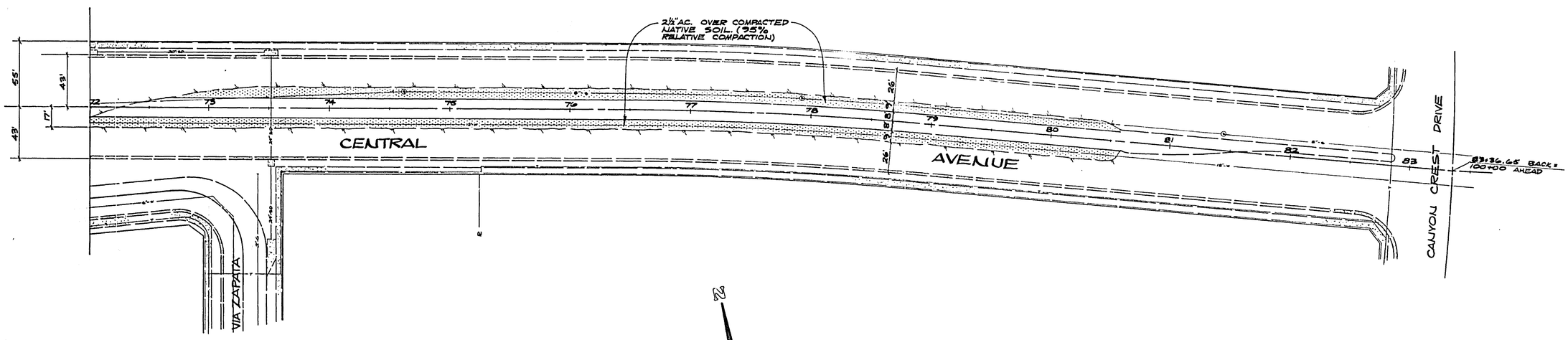
BENCH MARK ELEV. 1103.45

PK & C.R. TAG IN BASE OF LIGHT STD. W SIDE OF CANYON CREST 50' S'LY OF ℄ CENTRAL AVE. REF. C.R. PRECISE LEVEL NET.



GRADE MEDIAN AS DIRECTED IN THE FIELD.

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



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

MARK	REVISIONS	APPR	DATE

DESIGNED BY KEH DRAWN BY GRW CHECKED BY DEK

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY		
PRINCIPAL ENGINEER	JAK	2/11
TRAFFIC DIVISION		
CHIEF P.W. ENGINEER		2-11-77

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 2-14-77

Central Avenue Bikeway

Chapala to U.S. 395

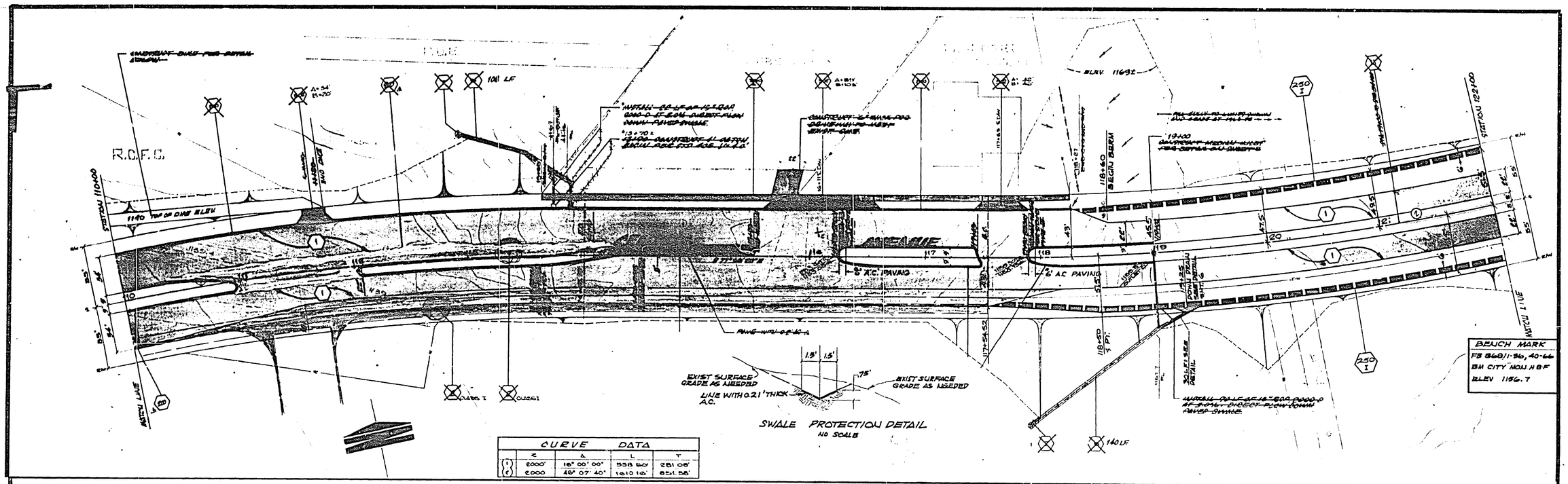
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

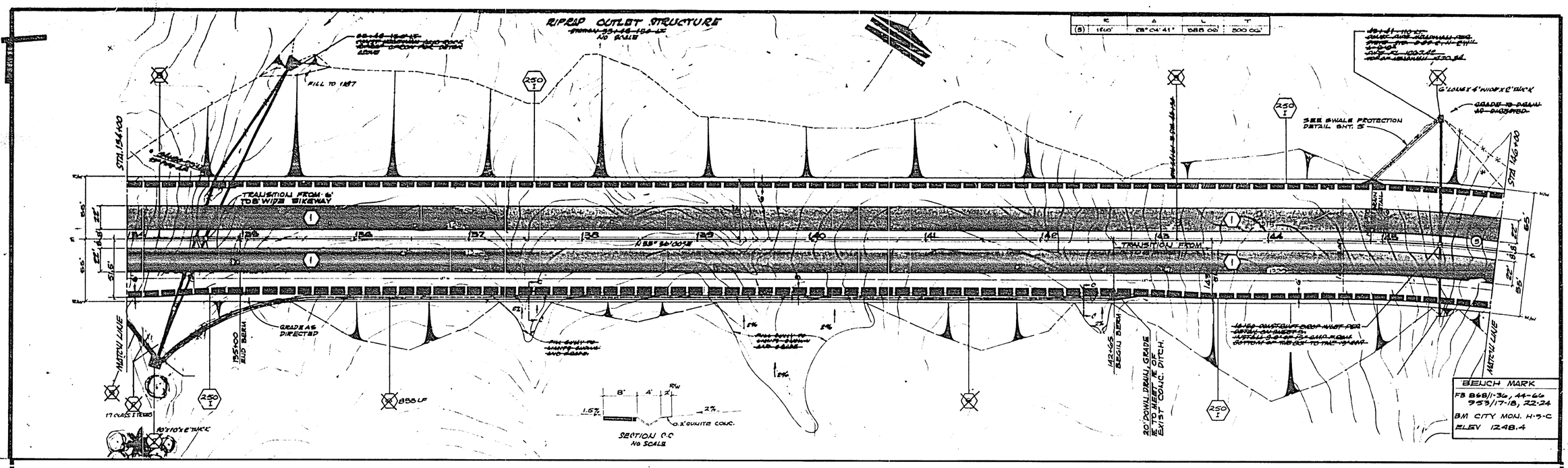
ACCOUNT NO. 30 875 382 80

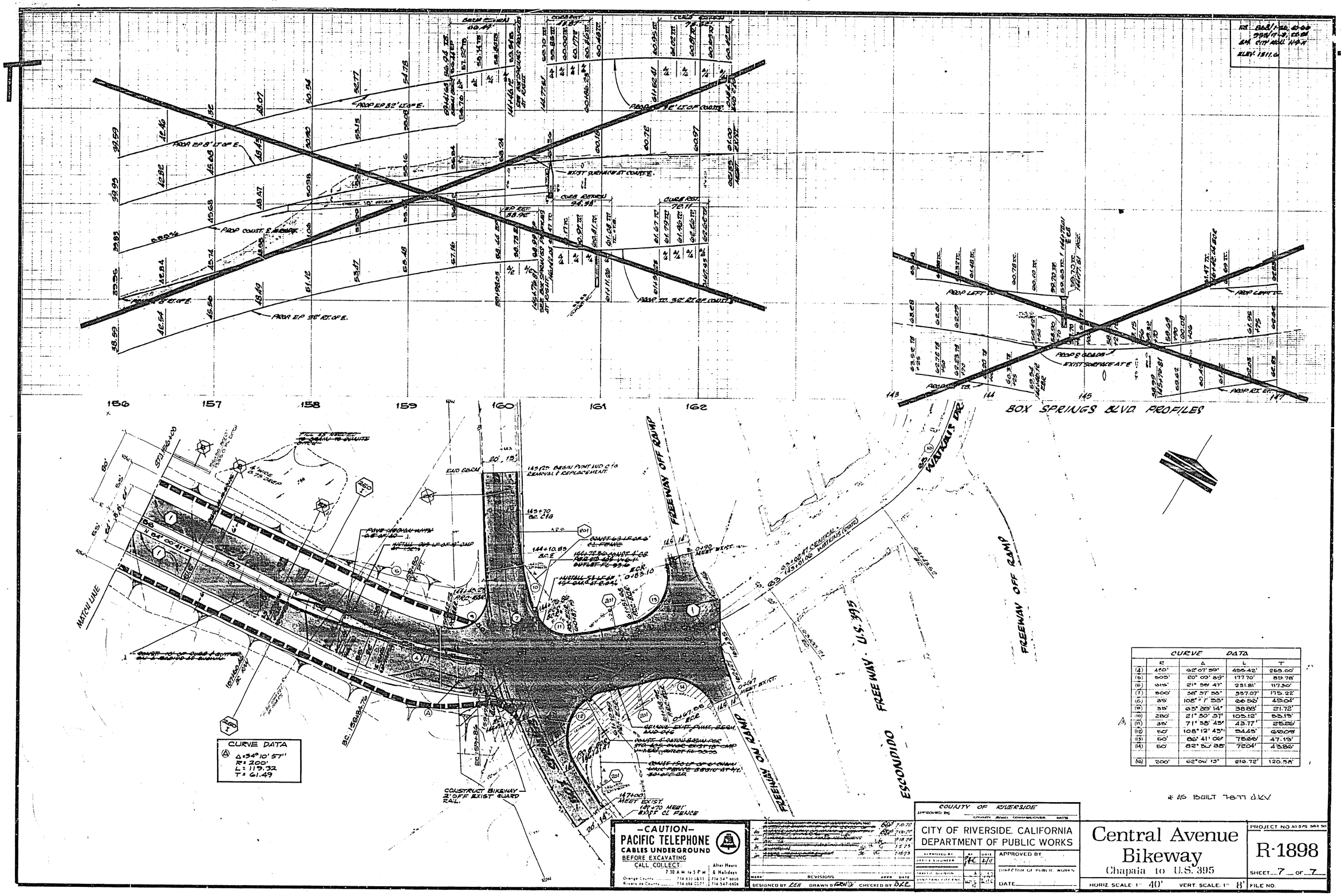
R-1898

SHEET 4 OF 7

FILE NO.


R.C.F.C.
STATION 110+00
STATION 122+00
MATCH LINE
AVENUE
6" A.C. PAVING
EXIST SURFACE GRADE AS NEEDED
LINE WITH 0.21' THICK A.C.
SWALE PROTECTION DETAIL
NO SCALE
BENCH MARK
FB 868/1-36, 40-66
BM CITY MON. H8F
ELEV 1156.7
CURVE DATA
R | Δ | L | T
(1) 2000' | 18° 00' 00" | 558.60' | 281.08'
(2) 2000' | 42° 07' 40" | 1610.16' | 851.58'
BENCH MARK
FB 868/1-36, 40-66
353/17-18, 22-24
BM CITY MON. H-9-B
ELEV 1268.0
10'x10'x2' THICK
STA 122+00
STA 134+00
MEDIAN INLET DETAIL
NO SCALE
GUNITE DITCH DETAIL
SCALE 1"=10'
SECTION B-B
SCALE 1"=20'
*AS BUILT 7-8-77. J.K.V.
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
Central Avenue
Bikeway
Chapala to U.S. 395
R-1898
SHEET 5 OF 7
DESIGNED BY REH DRAWN BY GRW CHECKED BY DLR
DATE 2-14-77
HORIZ SCALE 1" 40' VERT SCALE 1" 8'


RIPRAP OUTLET STRUCTURE
NO SCALE
FILL TO 1187
TRANSITION FROM 6' TO 8' WIDE BIKEWAY
TRANSITION FROM
SEE SWALE PROTECTION DETAIL SHT. 5
GRADE AS DIRECTED
MATCH LINE
STA. 154+00
STA. 146+00
855 LF
SECTION C-C
NO SCALE
20' DOWN DRAIN, GRADE TO MEET TE OF EXIST. CONC. DITCH.
BENCH MARK
FB 868/1-36, 44-66
953/17-18, 22-24
BM CITY MON. H-9-C
ELEV 1248.4
664 LF
CONSTRUCT DOWN DRAIN WINGS TO MEET EXIST. DOWN DRAIN AT R/W.
CENTRAL AVENUE
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. D.K.V.
CURVE DATA
R A L T
(5) 1600' 28°04'41" 588.00' 300.00'
COUNTY OF RIVERSIDE
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
Central Avenue
Bikeway
Chapala to U.S. 395
R-1898
SHEET 6 OF 7
HORIZ SCALE 1" 40'
VERT SCALE 1" 8'
FILE NO
DESIGNED BY
DRAWN BY
CHECKED BY
REVISIONS
APPROVED BY
DATE


BOX SPRINGS BLVD. PROFILES
156
157
158
159
160
161
162
143
144
145
147
PROP EP 32' LT OF E.
PROP EP 8' LT OF E.
PROP EP 8' RT OF E.
PROP EP 32' RT OF E.
PROP. CONST. E. SIDEWALK
EXIST SURFACE AT E.
PROP. TC. 32' RT OF COUNTE.
PROP. TC. 32' LT OF COUNTE.
PROP LEFT TC.
PROP E GRADE
PROP. RT. EP.
MATCH LINE
FREEWAY ON RAMP
FREEWAY OFF RAMP
FREE WAY - U.S. 395
ESCONDIDO
WATKINS DR.
CONSTRUCT BIKEWAY 2' OFF EXIST GUARD RAIL.
CURVE DATA
Δ = 34° 10' 57"
R = 200'
L = 1119.32
T = 61.49
CURVE DATA
(4) 475' 42° 07' 59" 455.42' 239.00'
(5) 505' 20° 09' 29" 177.70' 89.78'
(6) 615' 21° 56' 47" 231.81' 117.30'
(7) 500' 58° 37' 55" 357.07' 195.22'
(8) 35' 108° 11' 55" 66.58' 45.03'
(9) 35' 63° 29' 14" 38.88' 21.72'
(10) 280' 21° 50' 37" 105.12' 53.19'
(11) 35' 71° 38' 45" 43.77' 25.26'
(12) 60' 108° 12' 43" 94.45' 60.09'
(13) 60' 86° 41' 06" 75.66' 47.19'
(14) 60' 82° 50' 38" 72.04' 43.86'
(16) 200' 62° 06' 13" 216.72' 120.58'
* 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 0611 714 547 6808
Riverside County 714 684 0271 714 547 6808
MARK REVISIONS APPR. DATE
DESIGNED BY RCH DRAWN BY CHECKED BY
COUNTY OF RIVERSIDE
APPROVED FOR COUNTY ROAD COMMISSIONER DATE
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE
HORIZ. SCALE 1" = 40'
VERT. SCALE 1" = 8'
Central Avenue
Bikeway
Chapaia to U.S. 395
PROJECT NO. 10 575 383 50
R-1898
SHEET 7 OF 7
FILE NO.