RIVERSIDE CALIFORNIA

CITY OF RIVERSIDE — INCORPORATED 1883 — CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

OLIVEWOOD AVENUE WIDENING

JURUPA AVE. TO PROSPECT AVE.

SELECT SYSTEM PROJECT NO. 319

LENGTH OF PROJECT = 4250 Feet = 0.805 Mile

SPECIAL CONSTRUCTION NOTES

SECTION LEGEND — SHADING LEGEND

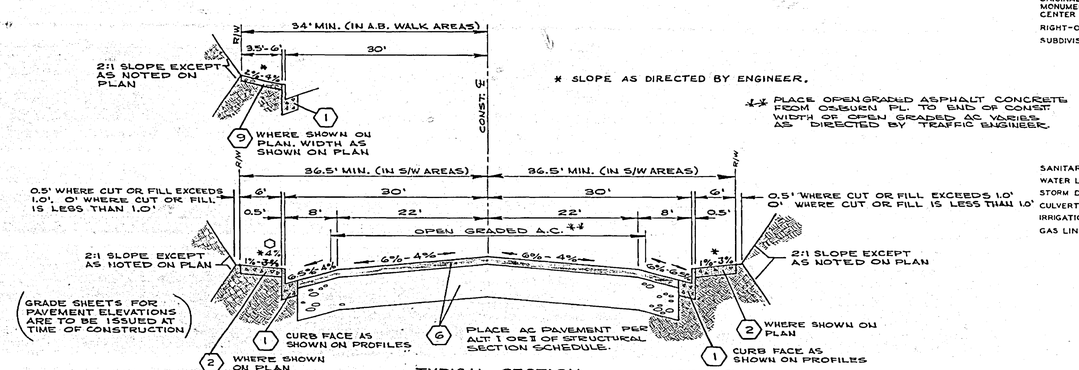
1. CONST. CURB AND GUTTER PER STD. DWG. 200. CURB FACE AS NOTED ON CURB PROFILES.
2. CONST. CURB SIDEWALK PER STD. DWG. 325A.
3. CONST. DRIVEWAY APPROACH PER STD. DWG. 302. A=10' AND B=17' EXCEPT AS NOTED ON THE PLAN. FINAL LOCATION TO BE DETERMINED IN THE FIELD BY ENGINEER. MATERIAL AS SHOWN ON PLAN.
4. REPLACE OR REGRADE DRIVEWAY TO GRADES AS DIRECTED BY THE ENGINEER. MATERIAL AS SHOWN ON PLAN. 6" THICK PCC REPLACEMENT.
5. CONST. AC BERM PER STD. 250
6. PLACE AC PAVEMENT PER ALT. I OR ALT. II OF STRUCTURAL SECTION SCHEDULE BELOW.
7. OVERLAY EXISTING PAVEMENT WITH VARIABLE THICKNESS OF ASPHALT CONCRETE.
8. PLACE 2½" OF ASPHALT CONCRETE OVER NATIVE SOIL (90% RELATIVE COMPACTION)
9. CONST DISINTEGRATED GRANITE WALKWAY (90% RELATIVE COMPACTION) WIDTH SHOWN ON PLAN.
10. ADJUST MANHOLE TO GRADE.
- ENTIRE TREE REMOVED IN PRIOR CONTRACT.
- TREE REMOVED IN PRIOR CONTRACT. CONTRACT. STUMP REMOVED TO 2' MIN. BELOW EXIST GROUND LEVEL.
11. CONST TREE WELL PER STD. DWG 326. STATION IS SHOWN ON PLAN. OMIT COVERS.
- E. ELECTRICAL UNDERGROUND FACILITIES TO BE CONSTRUCTED BY OTHERS DURING CONTRACT.

GENERAL CONSTRUCTION NOTES

1. WHERE NEW CONST. IS INDICATED
   a) CLEAR AND GRUB
   b) REMOVE ALL CURB, GUTTER, SIDWALK, P.C.C. AND ABANDONED ST. LITE BASES
   c) SCARIFY OR REMOVE ALL AC PAVEMENT EXCEPT WHERE OVERLAY OF EXIST. PAVEMENT IS SHOWN ON PLAN.
2. EXCESS EXCAVATED MATERIAL SHALL BE PLACED AND COMPACTED IN THE DIRT DISPOSAL AREA ACCORDING TO THE ACCOMPANYING PLAN. THE CITY HAS OBTAINED RIGHT OF ENTRIES FOR WORK TO BE DONE OUTSIDE THE STREET RIGHT-OF-WAY.

REFERENCE PLANS

1. TRAFFIC SIGNALS, OLIVEWOOD AND PANORAMA X-410
2. STREET LIGHTING, OLIVEWOOD, JURUPA TO PROSPECT LS-0919
3. UNDERGROUND ELECTRIC, JURUPA TO PROSPECT US-0170
4. PARKING LOT MODIFICATION PLAN, RIVERSIDE CITY COLLEGE.
5. OLIVEWOOD AVE. DIRT STORAGE PLAN - R-1176-DS

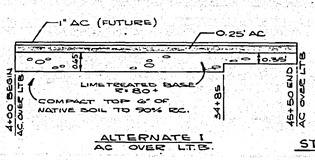


* SLOPE AS DIRECTED BY ENGINEER.

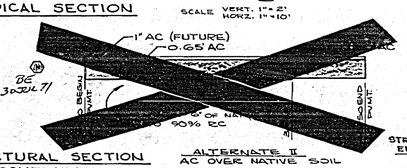
** PLACE OPEN GRADED ASPHALT CONCRETE FROM OSBURN PL. TO END OF CONST. WIDTH OF OPEN GRADED AC VARIES, AS DIRECTED BY TRAFFIC ENGINEER.

TYPICAL SECTION

SCALE VERT. 1" = 2' HORZ. 1" = 10'



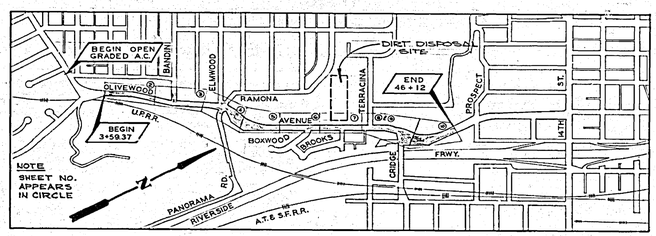
ALTERNATE I
AC OVER LT.B.



ALTERNATE II
AC OVER NATIVE SOIL

STRUCTURAL SECTION SCHEDULE

STRUCTURAL ELEMENT	DESIGN T.I.
BASE	6.5
PRESENT A.C.	6.0
FUTURE A.C.	6.5



PROJECT LOCATION MAP

0 500 1000 2000 3000 4000 5000 FEET

SCALE 1" = 800'

CONSTRUCTION LEGEND

M.H. WYE LATERAL CLEANOUT — SANITARY SEWER

CLEANOUT BOX M.H. C.B. — STORM DRAIN

CURBING
CHAIN LINK FENCE
RETAINING WALL
CHAIN LINK FENCE ON RETAINING WALL
CHAIN LINK FENCE ON CURBING

DIRECTION OF FLOW IN PROP. GUTTER
GRADE CONTROL LINE — GCL
CONSTRUCTION CENTER LINE — CONST. ℄
ORIGINAL MONUMENT CENTER LINE — ORIG. MON. ℄
RIGHT-OF-WAY LINE — R/W
SUBDIVISION LOT LINE — ℄

TOP OF SLOPE
TOE OF SLOPE

EXISTING CULTURE & UNDERGROUND LEGEND

EXISTING UNDERGROUND UTILITIES

SANITARY SEWER	8"VCP — S	TELEPHONE CONDUIT	T — T
WATER LINE	6"CI — W	ELECTRICAL CONDUIT	E — E
STORM DRAIN	24"RCP — SD	STREET LIGHTING	SL — SL
CULVERT	15"CONC — C	TRAFFIC SIGNAL	SIG — SIG
IRRIGATION LINE	20" — IRR	FIRE ALARM	F — F
GAS LINE	3"M — G	ABANDONED UTILITY	

EXISTING TOPOGRAPHY

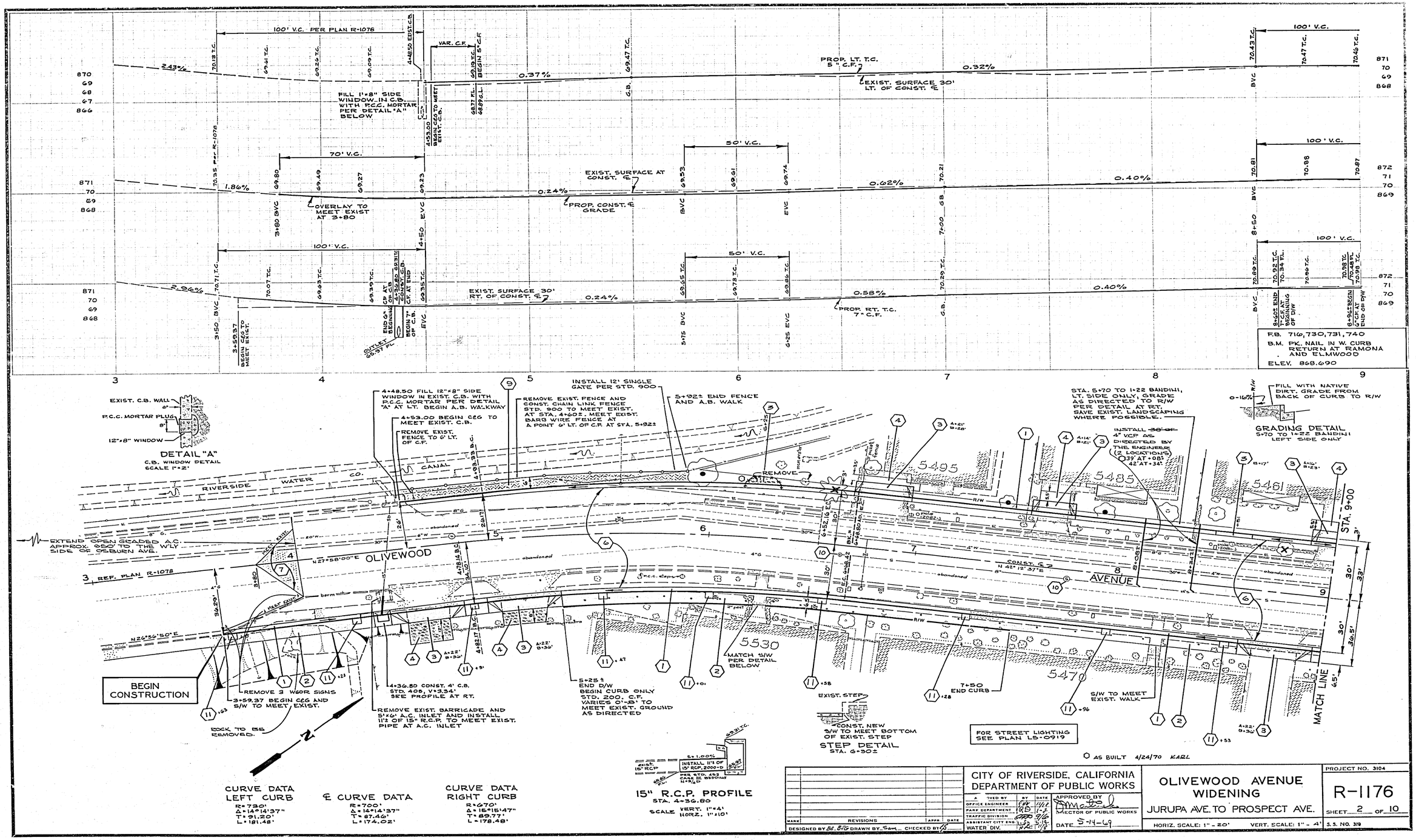
- SANITARY SEWER MH
- SANITARY SEWER CLEANOUT
- STORM DRAIN MH
- IRRIGATION WEIR
- WATER MH
- GAS MH
- ELECTRIC MH
- TELEPHONE MH OR VAULT
- GAS METER
- WATER METER
- FIRE HYDRANT
- SPRINKLER HEAD
- WATER VALVE
- GAS VALVE
- HYDRANT OR FAUCET
- MAIL BOX
- POWER POLE
- GUY POLE
- POLE & GUY ANCHOR
- PULL BOX
- TRAFFIC SIGN
- PARKING METER
- FIRE ALARM BOX
- PORCH
- STEPS
- YARD LIGHT
- RAILROAD TRACKS
- RAILROAD SIGN
- RAILROAD SIGNAL
- R.C.C. STREET LIGHT
- STREET LIGHT
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL ON MAST ARM
- TRAFFIC CONTROL BOX
- TRAFFIC SIGNAL DETECTOR
- CONCRETE
- ASPHALT
- EDGE OF PAVEMENT
- BUILDING
- UNDERGROUND OR OVERHANGING STRUCTURE
- ROCK EDGING
- TREE
- PALM TREE
- SHRUBBERY
- ROCK
- BLOCK WALL
- BOARD FENCE
- WIRE FENCE
- CHAIN LINK FENCE
- TOP OF SLOPE
- TOE OF SLOPE
- DIRECTION OF FLOW

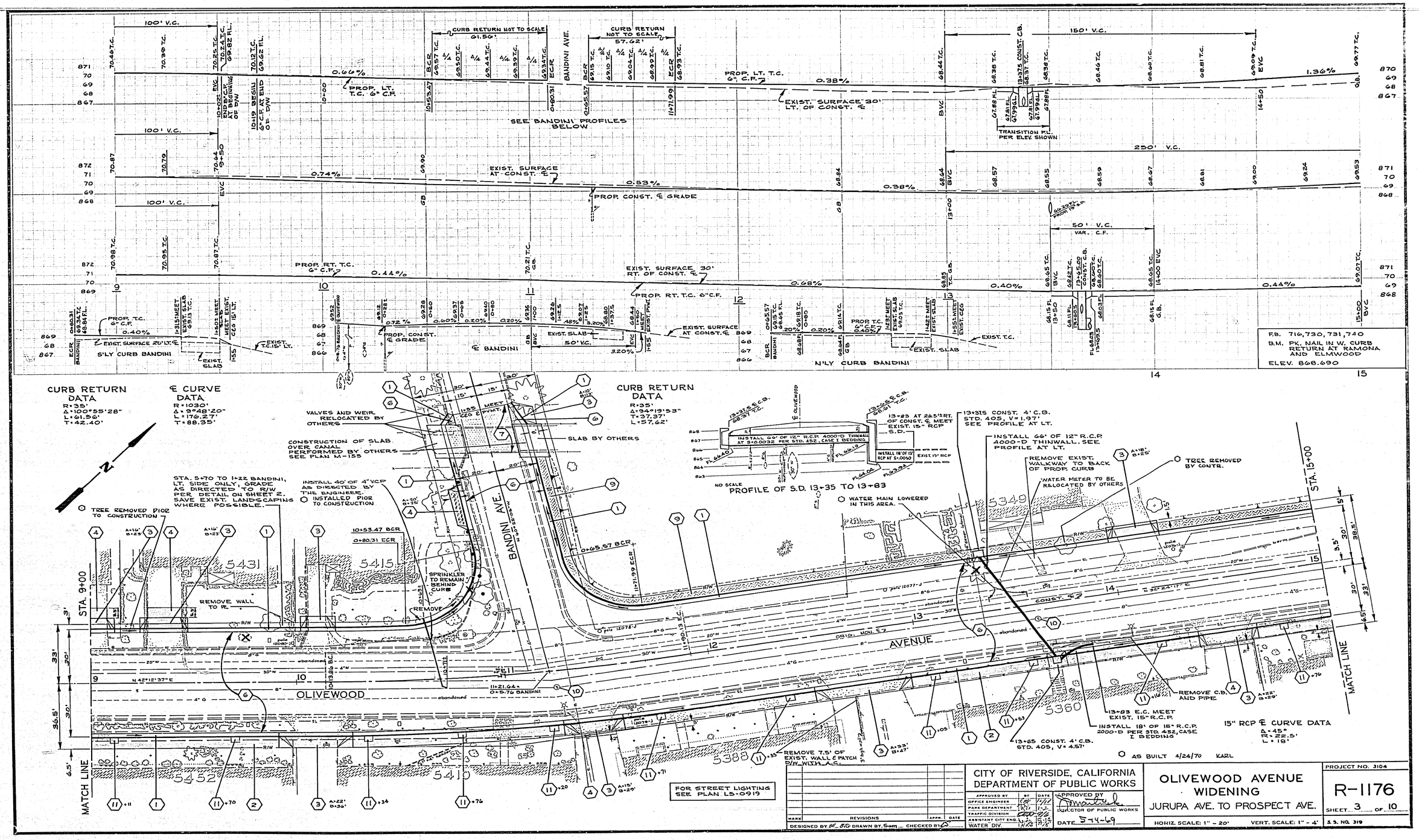
O AS BUILT 4/24/70 KRL

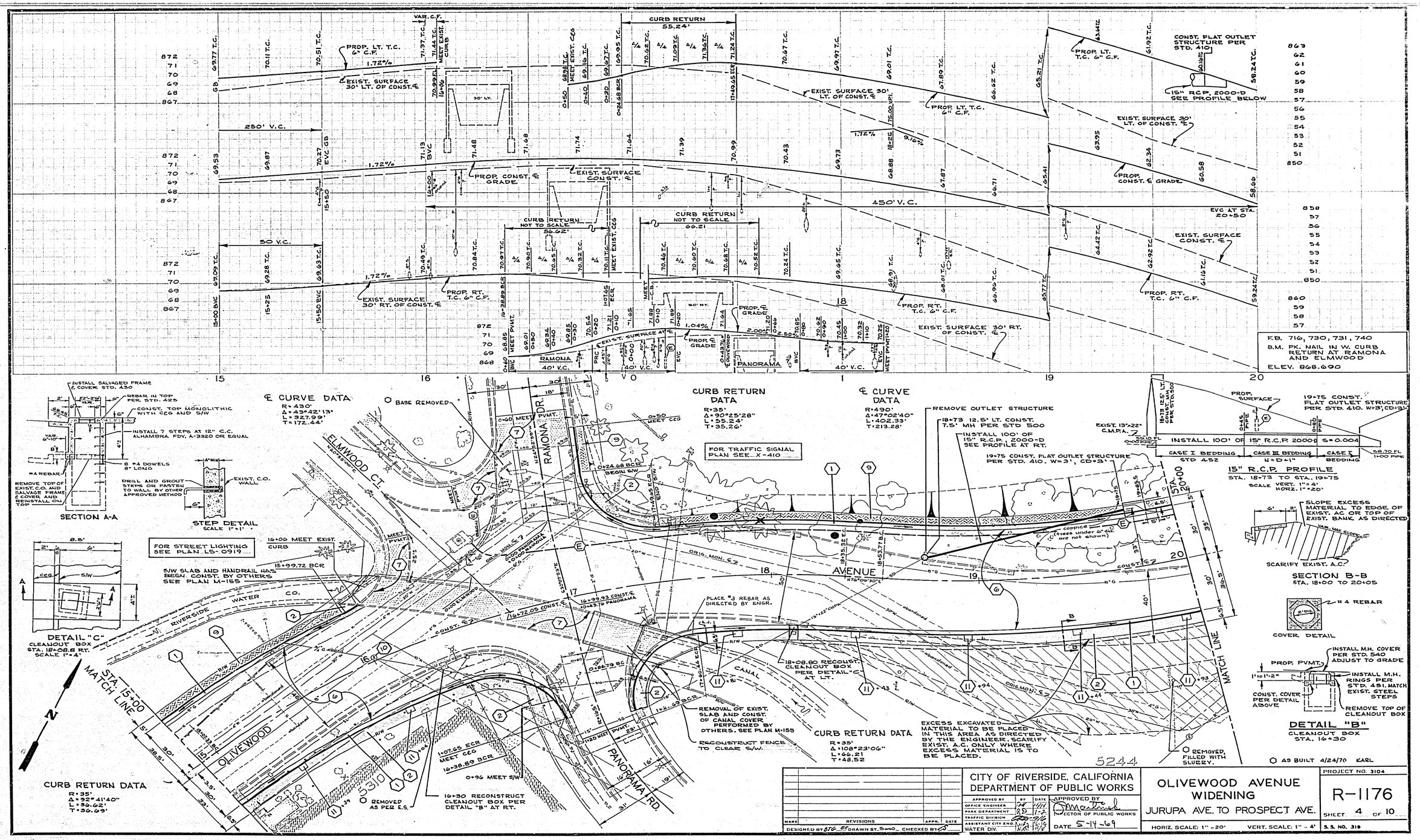
OLIVEWOOD AVE. WIDENING
JURUPA AVE. TO PROSPECT AVE.

APPROVED BY	BY	DATE	APPROVED BY	PROJECT NO. 3104
OFFICE ENGINEER				R-1176
PARK DEPARTMENT			DIRECTOR OF PUBLIC WORKS	
TRAFFIC DIVISION				
ASSISTANT CITY ENG			DATE 5-14-69	SHEET 1 OF 10
WATER DIV.				

SAM DESIGNED BY BJG DRAWN BY Sam CHECKED BY CS B.S. NO. 319


100' V.C. PER PLAN R-1078
VAR. C.F.
4+48.50 EXIST. C.B.
BEGIN 5" C.F.
2.43%
0.37%
PROP. LT. T.C. 5" C.F.
0.32%
EXIST. SURFACE 30' LT. OF CONST. ℄
FILL 1"x8" SIDE WINDOW IN C.B. WITH P.C.C. MORTAR PER DETAIL "A" BELOW
4+53.00 BEGIN C&G TO MEET EXIST. C.B.
70' V.C.
50' V.C.
100' V.C.
1.86%
0.24%
0.62%
0.40%
EXIST. SURFACE AT CONST. ℄
OVERLAY TO MEET EXIST AT 3+80
PROP. CONST. ℄ GRADE
2.96%
EXIST. SURFACE 30' RT. OF CONST. ℄
0.58%
PROP. RT. T.C. 7" C.F.
OUTLET 68.97 FL.
END DR. BEGINNING
BEGIN C.B. AT C.B.
C.P. AT END CONST. C.B.
3+59.37 BEGIN C&G TO MEET EXIST.
F.B. 716, 730, 731, 740
B.M. PK. NAIL IN W. CURB RETURN AT RAMONA AND ELMWOOD
ELEV. 868.690
EXIST. C.B. WALL
P.C.C. MORTAR PLUG
12"x8" WINDOW
DETAIL "A"
C.B. WINDOW DETAIL
SCALE 1"=2'
4+48.50 FILL 12"x8" SIDE WINDOW IN EXIST. C.B. WITH P.C.C. MORTAR PER DETAIL "A" AT LT. BEGIN A.B. WALKWAY
4+53.00 BEGIN C&G TO MEET EXIST. C.B.
REMOVE EXIST. FENCE TO 6' LT. OF C.F.
INSTALL 12' SINGLE GATE PER STD. 900
REMOVE EXIST. FENCE AND CONST. CHAIN LINK FENCE STD. 900 TO MEET EXIST. AT STA. 4+60± MEET EXIST. BARB WIRE FENCE AT A POINT 6' LT. OF C.F. AT STA. 5+92±
5+92± END FENCE AND A.B. WALK
STA. 5+70 TO 1+22 BANDINI, LT. SIDE ONLY, GRADE AS DIRECTED TO R/W PER DETAIL AT RT. SAVE EXIST. LANDSCAPING WHERE POSSIBLE.
INSTALL ~~30' OF~~ 4" VCP AS DIRECTED BY THE ENGINEER (2 LOCATIONS) 39' AT +08+ 42' AT +34+
FILL WITH NATIVE DIRT. GRADE FROM BACK OF CURB TO R/W
0-16%
GRADING DETAIL
5+70 TO 1+22 BANDINI LEFT SIDE ONLY
RIVERSIDE WATER CO.
CANAL
OLIVEWOOD
AVENUE
CONST. ℄
N 42°12'37"E
EXTEND OPEN GRADED A.C. APPROX. 850' TO THE W'LY SIDE OF SSBURN AVE.
REF. PLAN R-1078
N 27°58'00"E
N 24°56'50"E
5495
5485
5461
5530
5470
STA. 9+00
MATCH LINE
BEGIN CONSTRUCTION
REMOVE 3 W&OR SIGNS
3+59.37 BEGIN C&G AND S/W TO MEET EXIST.
ROCK TO BE REMOVED.
4+36.80 CONST. 4' C.B. STD. 405, V=3.34' SEE PROFILE AT RT.
REMOVE EXIST. BARRICADE AND 5'x6' A.C. INLET AND INSTALL 11'± OF 15" R.C.P. TO MEET EXIST. PIPE AT A.C. INLET
5+25± END D/W BEGIN CURB ONLY STD. 200, C.F. VARIES 0'-8' TO MEET EXIST. GROUND AS DIRECTED
MATCH S/W PER DETAIL BELOW
EXIST. STEP
CONST. NEW S/W TO MEET BOTTOM OF EXIST. STEP
STEP DETAIL
STA. 6+30±
7+50 END CURB
S/W TO MEET EXIST. WALK
FOR STREET LIGHTING SEE PLAN LB-0919
AS BUILT 4/24/70 KARL
CURVE DATA LEFT CURB
R=730'
Δ=14°14'37"
T=91.20'
L=181.48'
℄ CURVE DATA
R=700'
Δ=14°14'37"
T=87.46'
L=174.02'
CURVE DATA RIGHT CURB
R=670'
Δ=15°15'47"
T=89.77'
L=178.48'
15" R.C.P. PROFILE
STA. 4+36.80
SCALE VERT. 1"=4' HORZ. 1"=10'
MARK REVISIONS APPR. DATE
DESIGNED BY BL. B/C DRAWN BY Sam CHECKED BY
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
OFFICE ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
ASSISTANT CITY ENG.
WATER DIV.
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 5-14-69
OLIVEWOOD AVENUE WIDENING
JURUPA AVE. TO PROSPECT AVE.
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'
PROJECT NO. 3104
R-1176
SHEET 2 OF 10
S.S. NO. 319


CURB RETURN DATA
R=35'
Δ=100°55'28"
L=61.59'
T=42.40'
℄ CURVE DATA
R=1030'
Δ=9°48'20"
L=176.27'
T=88.35'
CURB RETURN DATA
R=35'
Δ=94°19'53"
L=57.62'
PROFILE OF S.D. 13+35 TO 13+83
NO SCALE
S'LY CURB BANDINI
N'LY CURB BANDINI
℄ BANDINI
BANDINI AVE.
OLIVEWOOD AVENUE
STA. 9+00
STA. 15+00
MATCH LINE
SEE BANDINI PROFILES BELOW
SLAB BY OTHERS
VALVES AND WEIR RELOCATED BY OTHERS
CONSTRUCTION OF SLAB OVER CANAL PERFORMED BY OTHERS SEE PLAN M-155
STA. 5+70 TO 1+22 BANDINI, LT. SIDE ONLY, GRADE AS DIRECTED TO R/W PER DETAIL ON SHEET 2. SAVE EXIST. LANDSCAPING WHERE POSSIBLE.
INSTALL 40' OF 4" VCP AS DIRECTED BY THE ENGINEER.
TREE REMOVED PIOR TO CONSTRUCTION
WATER MAIN LOWERED IN THIS AREA.
REMOVE EXIST. WALKWAY TO BACK OF PROP. CURB
WATER METER TO BE RELOCATED BY OTHERS
TREE REMOVED BY CONTR.
REMOVE WALL TO RE.
SPRINKLER TO REMAIN BEHIND CURB
REMOVE
REMOVE C.B. AND PIPE
REMOVE 7.5' OF EXIST. WALL & PATCH R/W WITH A.S.
INSTALL 18' OF 18" R.C.P. 2000-D PER STD. 422, CASE I BEDDING
13+65 CONST. 4' C.B. STD. 405, V=4.57'
13+83 E.C. MEET EXIST. 15" R.C.P.
15" RCP ℄ CURVE DATA
Δ=45°
R=22.5'
L=18'
AS BUILT 4/24/70 KARL
FOR STREET LIGHTING SEE PLAN L5-0919
F.B. 716, 730, 731, 740
B.M. PK. NAIL IN W. CURB RETURN AT RAMONA AND ELMWOOD
ELEV. 868.690
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 5-4-69
OLIVEWOOD AVENUE WIDENING
JURUPA AVE. TO PROSPECT AVE.
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'
PROJECT NO. 3104
R-1176
SHEET 3 OF 10
S.S. NO. 319
DESIGNED BY
DRAWN BY Sam
CHECKED BY
REVISIONS



MARK	REVISIONS	APPR.	DATE

DESIGNED BY BTG DRAWN BY Sam CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

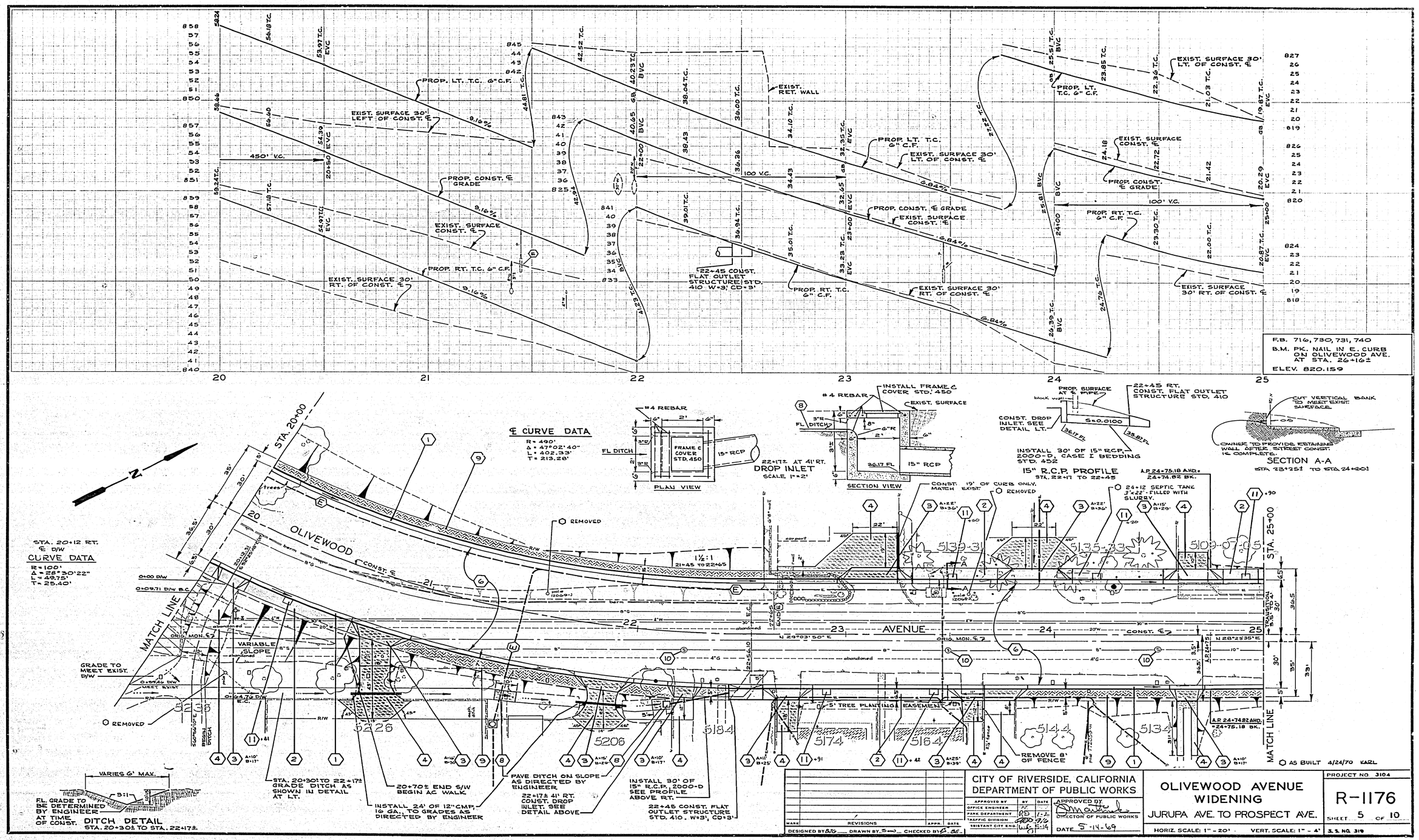
APPROVED BY	BY	DATE
OFFICE ENGINEER		11/18
PARK DEPARTMENT	RD	1-2
TRAFFIC DIVISION		9/16
ASSISTANT CITY ENG.		5-19
WATER DIV.		11/8

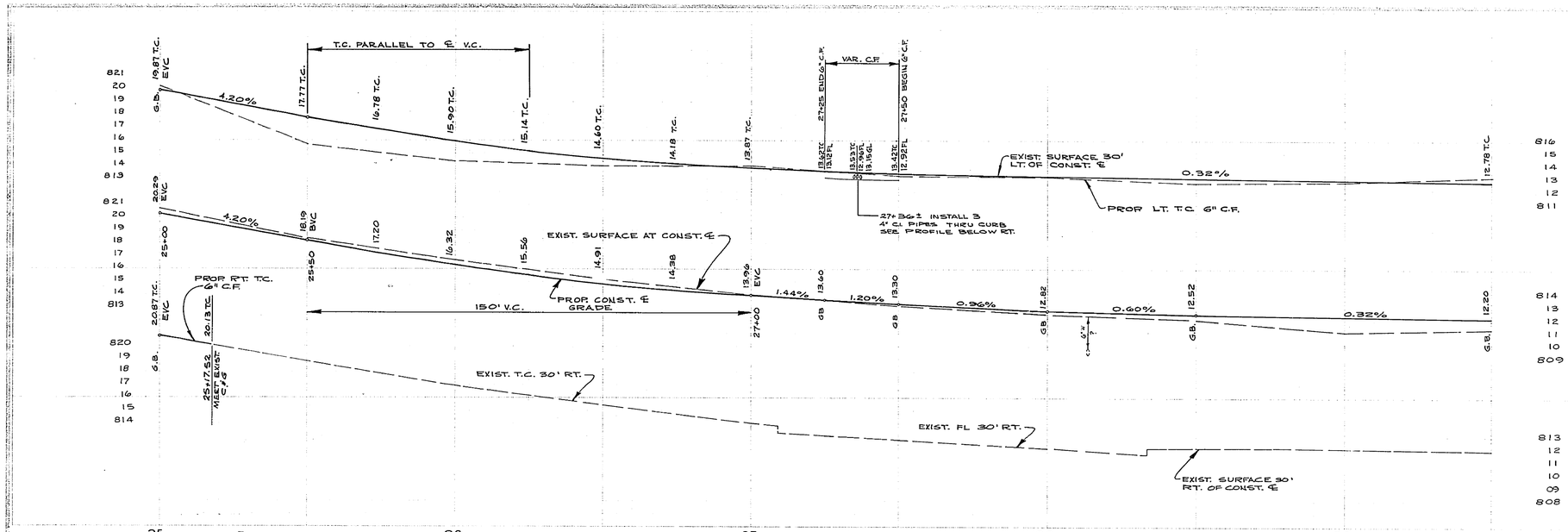
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 5-14-69

OLIVEWOOD AVENUE WIDENING
JURUPA AVE. TO PROSPECT AVE.

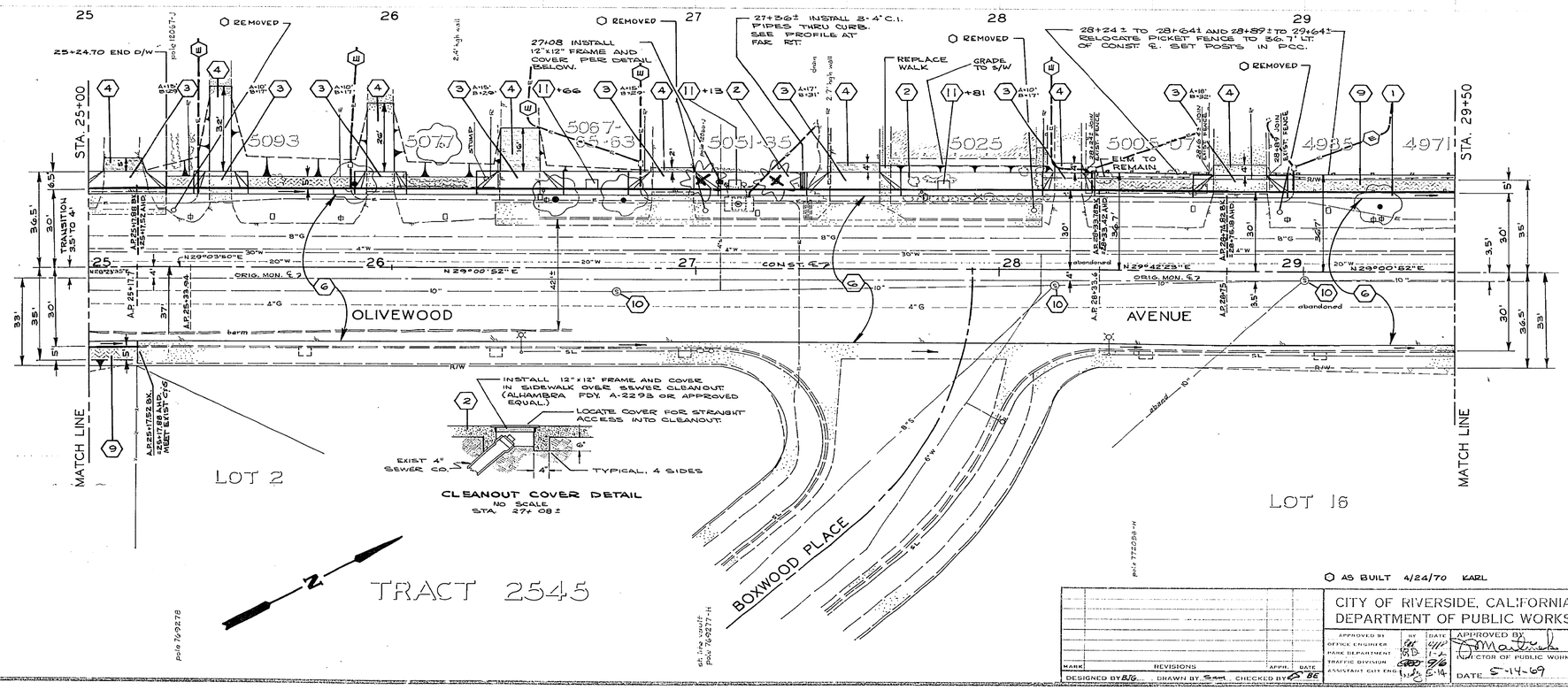
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'

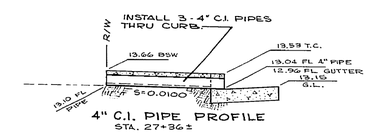
PROJECT NO. 3104
R-1176
SHEET 4 OF 10
S.S. NO. 319


F.B. 716, 730, 731, 740
B.M. PK. NAIL IN E. CURB ON OLIVEWOOD AVE. AT STA. 26+16±
ELEV. 820.159
PROP. LT. T.C. 6" C.F.
EXIST. SURFACE 30' LT. OF CONST. ℄
PROP. CONST. ℄ GRADE
EXIST. SURFACE CONST. ℄
PROP. RT. T.C. 6" C.F.
EXIST. SURFACE 30' RT. OF CONST. ℄
EXIST. RET. WALL
22+45 CONST. FLAT OUTLET STRUCTURE STD. 410 W=3', CD=3'
450' V.C.
100 V.C.
℄ CURVE DATA
R = 490'
Δ = 47°02'40"
L = 402.33'
T = 213.28'
DROP INLET
SCALE 1"=2'
PLAN VIEW
SECTION VIEW
15" R.C.P. PROFILE
STA. 22+17 TO 22+45
SECTION A-A
STA. 23+25± TO STA. 24+20±
CURVE DATA
R = 100'
Δ = 28°30'22"
L = 49.75'
T = 25.40'
OLIVEWOOD AVENUE
CONST. ℄
MATCH LINE
VARIABLE SLOPE
GRADE TO MEET EXIST. D/W
REMOVED
5' TREE PLANTING EASEMENT
REMOVE 8' OF FENCE
AS BUILT 4/24/70 KARL
DITCH DETAIL
STA. 20+30± TO STA. 22+17±
FL. GRADE TO BE DETERMINED BY ENGINEER AT TIME OF CONST.
STA. 20+30± TO 22+17± GRADE DITCH AS SHOWN IN DETAIL AT LT.
20+70± END S/W BEGIN AC WALK
INSTALL 24' OF 12" CMP, 16 GA., TO GRADES AS DIRECTED BY ENGINEER
PAVE DITCH ON SLOPE AS DIRECTED BY ENGINEER
22+17± 41' RT. CONST. DROP INLET. SEE DETAIL ABOVE
INSTALL 30' OF 15" R.C.P. 2000-D SEE PROFILE ABOVE RT.
22+45 CONST. FLAT OUTLET STRUCTURE STD. 410. W=3', CD=3'
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY
OFFICE ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
ASSISTANT CITY ENG.
DIRECTOR OF PUBLIC WORKS
DATE 5-14-69
OLIVEWOOD AVENUE WIDENING
JURUPA AVE. TO PROSPECT AVE.
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'
PROJECT NO. 3104
R-1176
SHEET 5 OF 10
S.S. NO. 319
REVISIONS
DESIGNED BY
DRAWN BY
CHECKED BY



F.B. 716, 730, 731, 740
B.M. PK. NAIL IN E. CURB ON OLIVEWOOD AVE. AT STA. 26+16±
ELEV. 820.159





4" C.I. PIPE PROFILE
STA. 27+36±

○ AS BUILT 4/24/70 KARL

MARK	REVISIONS	APPR.	DATE

DESIGNED BY B.G. DRAWN BY Sam CHECKED BY B.E.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

	BY	DATE
APPROVED BY OFFICE ENGINEER		
PARK DEPARTMENT		1-2
TRAFFIC DIVISION		9/6
ASSISTANT CITY ENG.		5-14

APPROVED BY: DIRECTOR OF PUBLIC WORKS
DATE 5-14-69

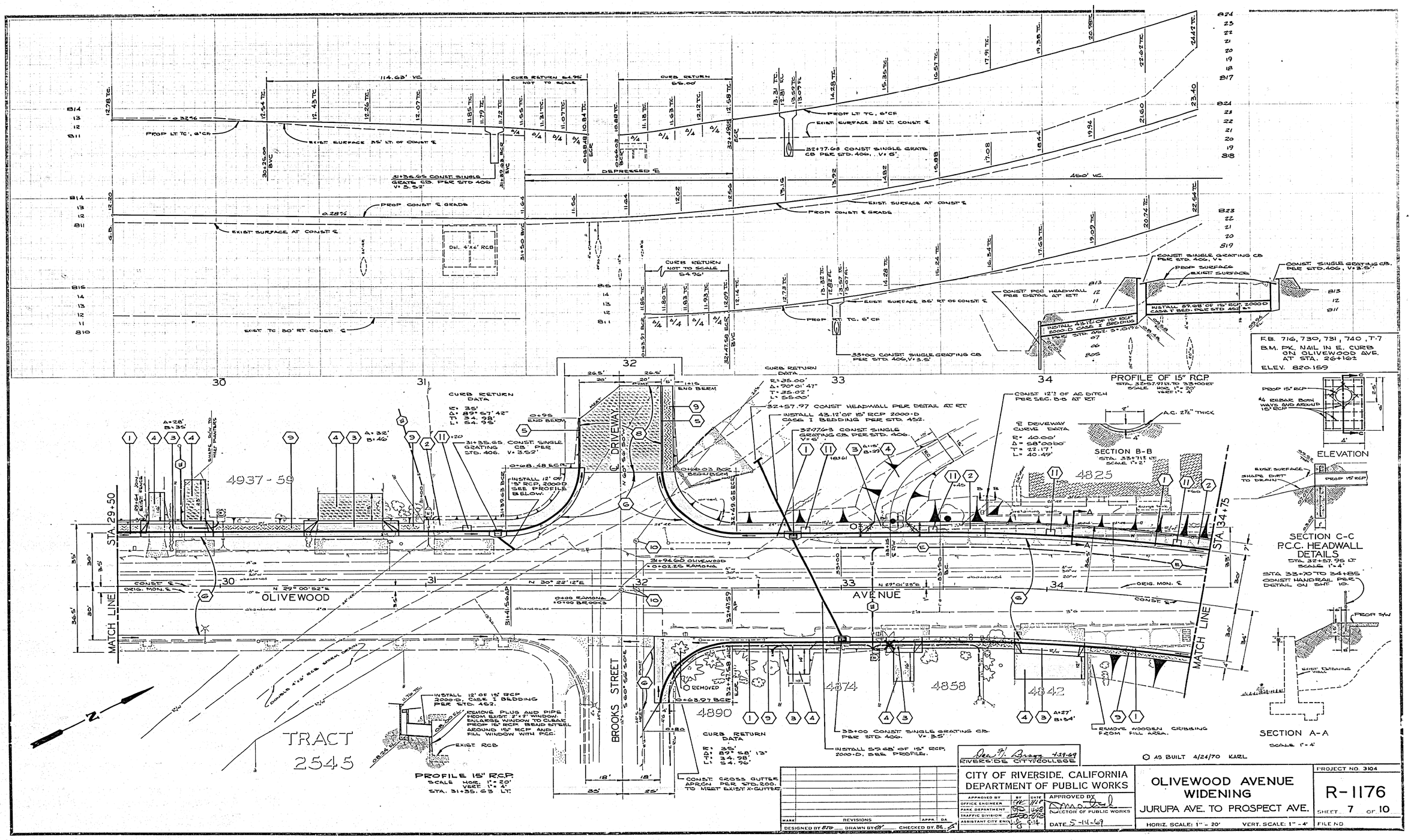
OLIVEWOOD AVENUE WIDENING
JURUPA AVE. TO PROSPECT AVE.

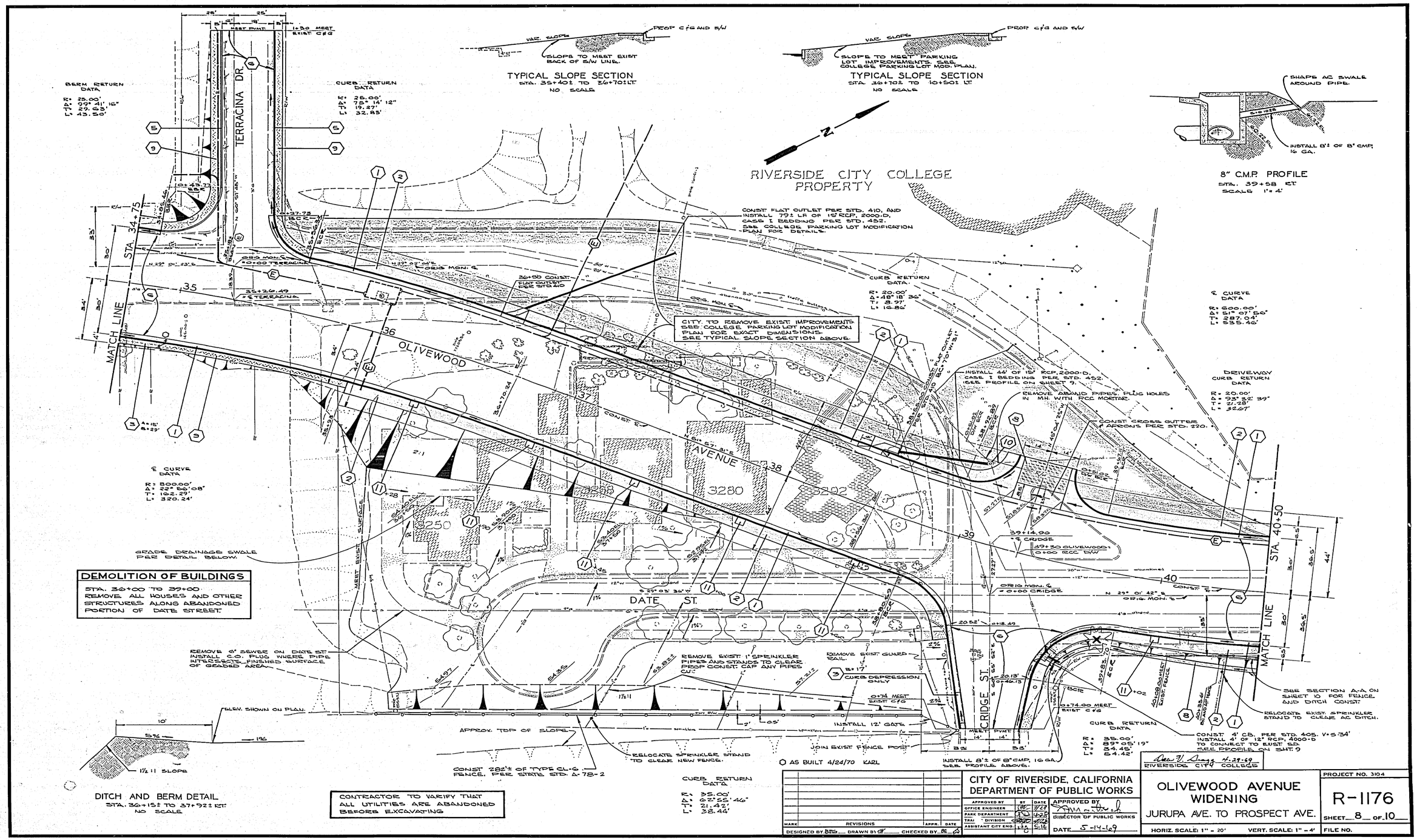
HORIZ. SCALE: 1" 20' VERT. 4' S.S. NO. 319

3104

R-1176

6 10


PROFILE OF 15" RCP
STA. 32+57.97 LT. TO 33+00 LT
SCALE HOR. 1" = 20'
VERT. 1" = 4'
F.B. 716, 730, 731, 740, T-7
B.M. PK. NAIL IN E. CURB ON OLIVEWOOD AVE. AT STA. 26+16±
ELEV. 820.159
CURB RETURN DATA
R: 35'
Δ: 89° 57' 42"
T: 34.98'
L: 54.93'
CURB RETURN DATA
R: 35.00'
Δ: 90° 01' 47"
T: 35.02'
L: 55.00'
CURB RETURN DATA
R: 35'
Δ: 87° 58' 13"
T: 34.98'
L: 54.96'
32+57.97 CONST HEADWALL PER DETAIL AT RT
INSTALL 43.12' OF 15" RCP 2000-D CASE I BEDDING PER STD. 452.
32+77.63 CONST SINGLE GRATING CB PER STD. 406, V=2'
33+00 CONST SINGLE GRATING CB PER STD. 406, V=3.5'
31+35.65 CONST. SINGLE GRATING CB. PER STD. 406. V=3.52'
INSTALL 12' OF 15" RCP, 2000-D SEE PROFILE BELOW.
INSTALL 12' OF 15" RCP 2000-D CASE I BEDDING PER STD. 452.
REMOVE PLUG AND PIPE FROM EXIST 2'x2' WINDOW. ENLARGE WINDOW TO CLEAR PROP 15" RCP. BEAD NTEEL AROUND 15" RCP AND FILL WINDOW WITH PCC.
EXIST RCB
PROFILE 15" RCP
SCALE HOR. 1" = 20'
VERT. 1" = 4'
STA. 31+35.65 LT.
CONST. CROSS GUTTER APRON PER STD. 200. TO MEET EXIST X-GUTTER
INSTALL 59.68' OF 15" RCP, 2000-D, SEE PROFILE.
33+00 CONST SINGLE GRATING CB. PER STD. 406. V=3.5'
REMOVE WOODEN CRIBBING FROM FILL AREA.
CONST. 12'½ OF AC DITCH PER SEC. B-B AT RT.
℄ DRIVEWAY CURVE DATA
R: 40.00'
Δ: 58° 00' 00"
T: 22.17'
L: 40.49'
SECTION B-B
STA. 33+71½ LT.
SCALE 1" = 2'
A.C. 2½" THICK
ELEVATION
SECTION C-C
P.C.C. HEADWALL DETAILS
STA. 32+57.95 LT
SCALE 1" = 4'
STA 33+70 TO 34+85 CONST HANDRAIL PER DETAIL ON SHT 10.
SECTION A-A
SCALE 1" = 4'
AS BUILT 4/24/70 KARL
OLIVEWOOD AVENUE
BROOKS STREET
MATCH LINE
STA. 29+50
STA. 34+75
TRACT 2545
4937-59
4890
4874
4858
4842
4825
REVISIONS
DESIGNED BY
DRAWN BY
CHECKED BY
RIVERSIDE CITY COLLEGE
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY
OFFICE ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
ASSISTANT CITY ENGINEER
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 5-14-69
OLIVEWOOD AVENUE WIDENING
JURUPA AVE. TO PROSPECT AVE.
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'
PROJECT NO. 3104
R-1176
SHEET 7 OF 10
FILE NO.


TERRACINA DR.
OLIVEWOOD AVENUE
DATE ST.
CRIDGE ST.
RIVERSIDE CITY COLLEGE PROPERTY
TYPICAL SLOPE SECTION
STA. 35+40± TO 36+70± LT
NO SCALE
TYPICAL SLOPE SECTION
STA. 36+70± TO 40+50± LT
NO SCALE
8" C.M.P. PROFILE
STA. 39+58 ET
SCALE 1" = 4'
BERM RETURN DATA
CURB RETURN DATA
CURB RETURN DATA
DRIVEWAY CURB RETURN DATA
℄ CURVE DATA
CONST. FLAT OUTLET PER STD. 410, AND INSTALL 79± LF OF 15" RCP, 2000-D, CASE I BEDDING PER STD. 452. SEE COLLEGE PARKING LOT MODIFICATION PLAN FOR DETAILS.
CITY TO REMOVE EXIST. IMPROVEMENTS SEE COLLEGE PARKING LOT MODIFICATION PLAN FOR EXACT DIMENSIONS. SEE TYPICAL SLOPE SECTION ABOVE.
INSTALL 44' OF 15" RCP, 2000-D, CASE I BEDDING PER STD. 452. (SEE PROFILE ON SHEET 9.)
REMOVE ABANDONED PIPES, PLUG HOLES IN M.H. WITH RCC MORTAR.
CONST. CROSS GUTTER & APRONS PER STD. 220.
GRADE DRAINAGE SWALE PER DETAIL BELOW.
DEMOLITION OF BUILDINGS
STA. 36+00 TO 39+00
REMOVE ALL HOUSES AND OTHER STRUCTURES ALONG ABANDONED PORTION OF DATE STREET.
REMOVE 6" SEWER ON DATE ST. INSTALL C.O. PLUG WHERE PIPE INTERSECTS FINISHED SURFACE OF GRADED AREA.
REMOVE EXIST. 1" SPRINKLER PIPES AND STANDS TO CLEAR PROP. CONST. CAP ANY PIPES CUT.
REMOVE EXIST. GUARD RAIL.
CURB DEPRESSION ONLY
ELEV. SHOWN ON PLAN.
APPROX. TOP OF SLOPE
INSTALL 12' GATE
JOIN EXIST. FENCE POST
RELOCATE SPRINKLER STAND TO CLEAR NEW FENCE.
CONST. 282'± OF TYPE CL-6 FENCE, PER STATE STD. A-78-2
INSTALL 8'± OF 8" CMP, 16 GA. SEE PROFILE ABOVE.
SEE SECTION A-A ON SHEET 10 FOR FENCE AND DITCH CONST.
RELOCATE EXIST. SPRINKLER STAND TO CLEAR AC DITCH.
CONST. 4' C.B. PER STD. 405. V=5.34'
INSTALL 4' OF 12" RCP, 4000-D TO CONNECT TO EXIST. S.D.
(SEE PROFILE ON SHT. 9)
DITCH AND BERM DETAIL
STA. 36+15± TO 37+92± ET
NO SCALE
CONTRACTOR TO VARIFY THAT ALL UTILITIES ARE ABANDONED BEFORE EXCAVATING
AS BUILT 4/24/70 KARL
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY
OFFICE ENGINEER
PARK DEPARTMENT
TRAF. DIVISION
ASSISTANT CITY ENG.
DIRECTOR OF PUBLIC WORKS
DATE 5-14-69
RIVERSIDE CITY COLLEGE
OLIVEWOOD AVENUE WIDENING
JURUPA AVE. TO PROSPECT AVE.
PROJECT NO. 3104
R-1176
SHEET 8 OF 10
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'
FILE NO.
DESIGNED BY
DRAWN BY
CHECKED BY
REVISIONS

RIVERSIDE CITY COLLEGE 4-29-69

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE

APPROVED BY	BY	DATE
OFFICE ENGINEER		
PARK DEPARTMENT		
TR. DIVISION		
ASSISTANT CITY ENG.		

MARK	REVISIONS	APPD.	DATE

DESIGNED BY BJG DRAWN BY CHECKED BY BE

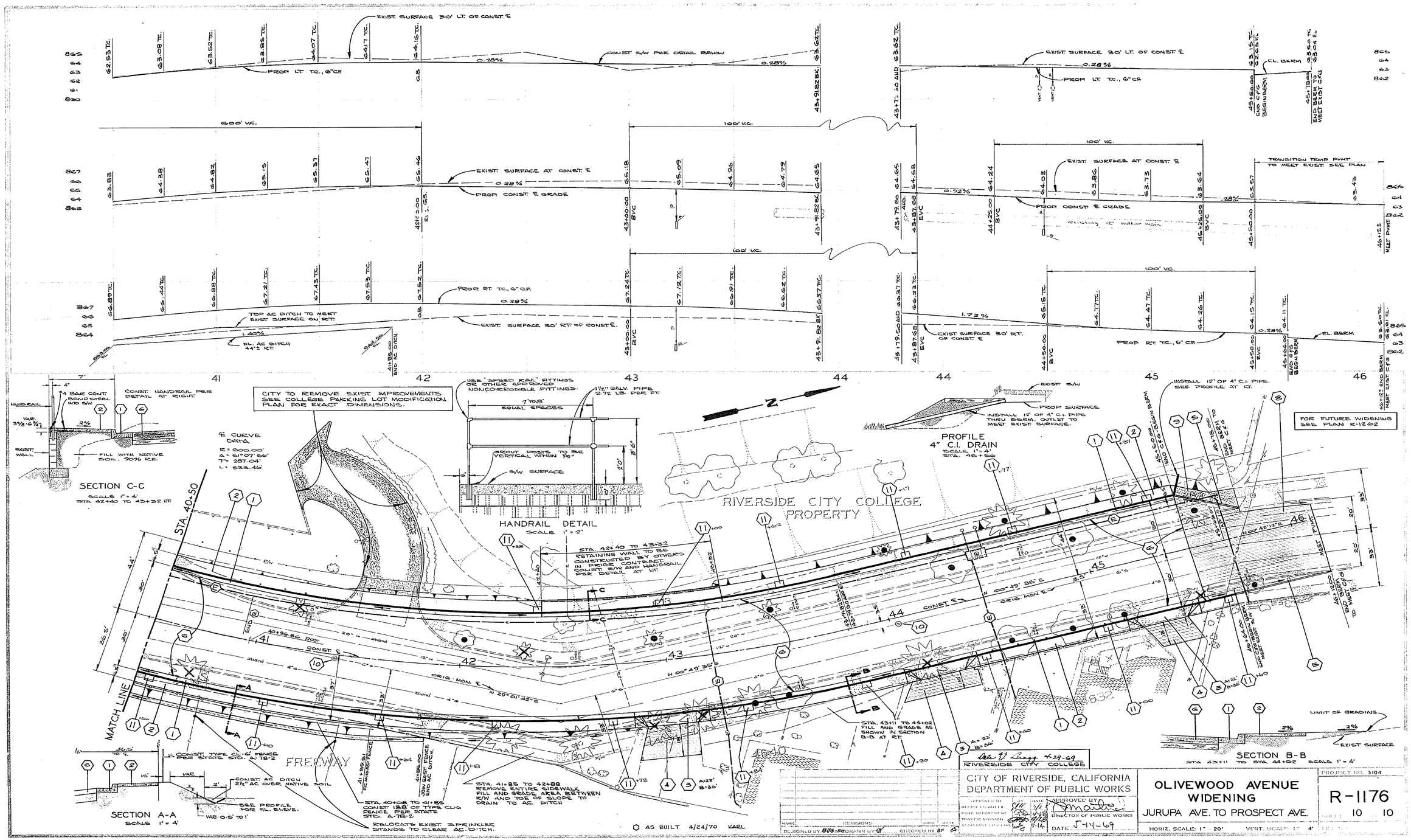
OLIVEWOOD AVENUE WIDENING

JURUPA AVE. TO PROSPECT AVE

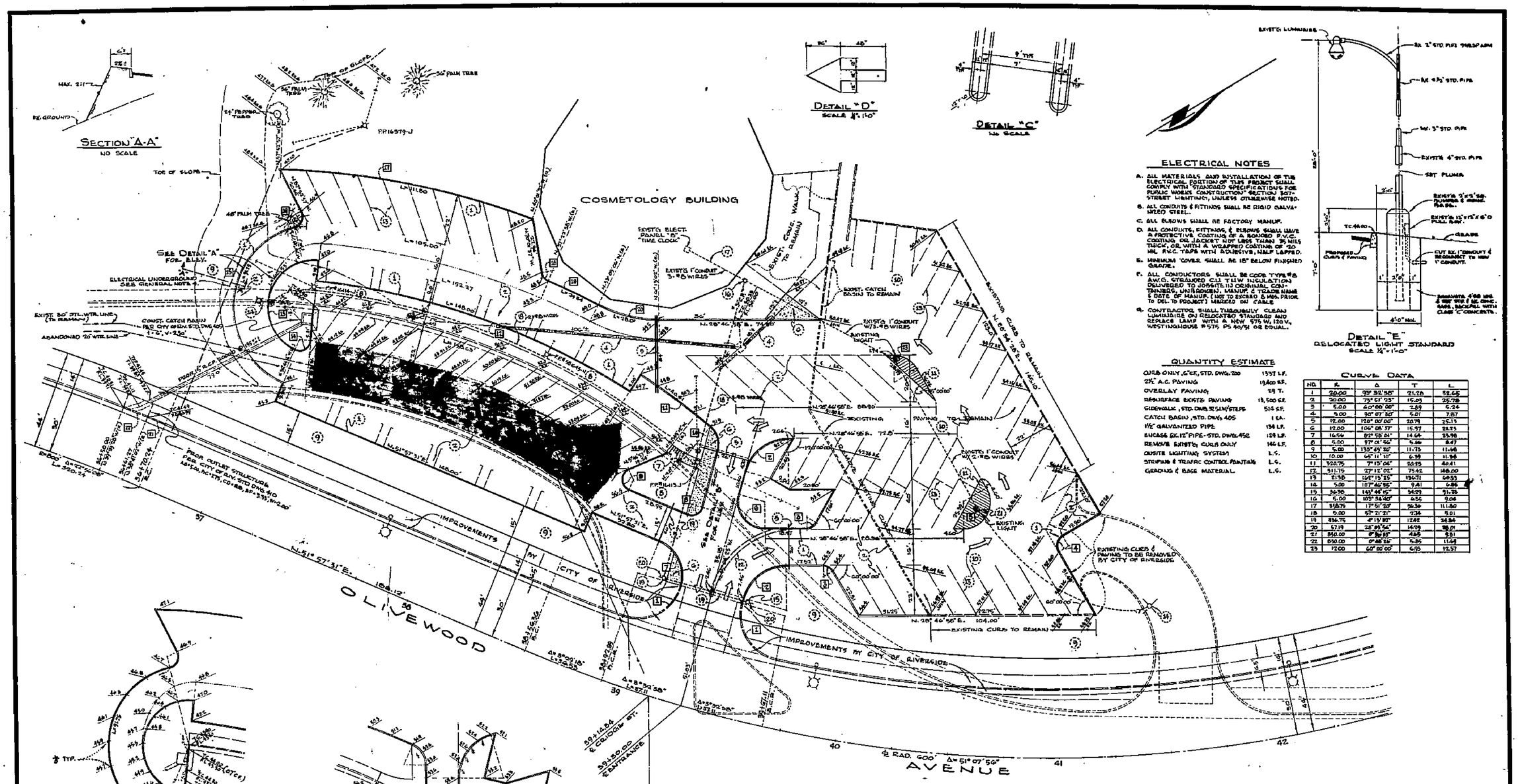
PROJECT NO.
R-1176

SHEET 9 OF 10

HORIZ SCALE 1" = 20' VERT SCALE 1" = 4'



EXIST. SURFACE 30' LT. OF CONST. ℄
CONST. S/W PER DETAIL BELOW
PROP. LT. T.C., 6" C.F.
600' V.C.
100' V.C.
EXIST. SURFACE AT CONST. ℄
PROP. CONST. ℄ GRADE
TRANSITION TEMP. PVMT. TO MEET EXIST. SEE PLAN
PROP. RT. T.C., 6" C.F.
TOP AC DITCH TO MEET EXIST. SURFACE ON RT.
EXIST. SURFACE 30' RT. OF CONST. ℄
FL. AC DITCH 44'± RT.
FL. BERM
41
42
43
44
45
46
SECTION C-C
SCALE 1" = 4'
STA. 42+40 TO 43+32 LT.
CONST. HANDRAIL PER DETAIL AT RIGHT.
FILL WITH NATIVE SOIL, 90% R.C.
CITY TO REMOVE EXIST. IMPROVEMENTS. SEE COLLEGE PARKING LOT MODIFICATION PLAN FOR EXACT DIMENSIONS.
℄ CURVE DATA
R = 600.00'
Δ = 61°07'56"
T = 287.04'
L = 535.46'
USE "SPEED RAIL" FITTINGS OR OTHER APPROVED NONCORRODIBLE FITTINGS.
1½" GALV. PIPE 2.72 LB. PER FT.
7' TO 8' EQUAL SPACES
GROUT POSTS TO BE VERTICAL WITHIN 1/8"
S/W SURFACE
HANDRAIL DETAIL
SCALE 1" = 2'
PROFILE
4" C.I. DRAIN
SCALE 1" = 4'
STA. 45+50
INSTALL 12' OF 4" C.I. PIPE THRU BERM. OUTLET TO MEET EXIST. SURFACE.
INSTALL 12' OF 4" C.I. PIPE. SEE PROFILE AT LT.
FOR FUTURE WIDENING SEE PLAN R-1262
RIVERSIDE CITY COLLEGE PROPERTY
STA. 40+50
MATCH LINE
STA. 42+40 TO 43+32 RETAINING WALL TO BE CONSTRUCTED BY OTHERS IN PRIOR CONTRACT. CONST. S/W AND HANDRAIL PER DETAIL AT LT.
CONST. ℄
ORIG. MON. ℄
N 29°01'42" E
N 00°49'35" E
FREEWAY
CONST. TYPE CL-6 FENCE PER STATE STD. A-78-2
CONST. AC DITCH 2½" AC OVER NATIVE SOIL
SEE PROFILE FOR FL. ELEVS.
SECTION A-A
SCALE 1" = 4'
STA. 40+08 TO 41+85 CONST. 188' OF TYPE CL-6 FENCE PER STATE STD. A-78-2
RELOCATE EXIST. SPRINKLER STANDS TO CLEAR AC. DITCH.
STA. 41+85 TO 42+88 REMOVE ENTIRE SIDEWALK FILL AND GRADE AREA BETWEEN R/W AND TOE OF SLOPE TO DRAIN TO AC. DITCH
STA. 43+11 TO 44+02 FILL AND GRADE AS SHOWN IN SECTION B-B AT RT.
LIMIT OF GRADING
EXIST. SURFACE
SECTION B-B
STA. 43+11 TO STA. 44+02 SCALE 1" = 4'
AS BUILT 4/24/70 KARL
RIVERSIDE CITY COLLEGE
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 5-14-69
OLIVEWOOD AVENUE WIDENING
JURUPA AVE. TO PROSPECT AVE.
PROJECT NO. 3104
R-1176
SHEET 10 OF 10
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'



ELECTRICAL NOTES

A. ALL MATERIALS AND INSTALLATION OF THE ELECTRICAL PORTION OF THIS PROJECT SHALL COMPLY WITH "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" SECTION 87-STREET LIGHTING, UNLESS OTHERWISE NOTED.

B. ALL CONDUITS & FITTINGS SHALL BE RIGID GALVANIZED STEEL.

C. ALL ELBOWS SHALL BE FACTORY MANUF.

D. ALL CONDUITS, FITTINGS, & ELBOWS SHALL HAVE A PROTECTIVE COATING OF A BONDED P.V.C. COATING OR JACKET NOT LESS THAN 5 MILS THICK, OR WITH A WRAPPED COATING OF 20 MIL P.V.C. TAPE WITH ADHESIVE, HALF LAPPED.

E. MINIMUM COVER SHALL BE 18" BELOW FINISHED GRADE.

F. ALL CONDUCTORS SHALL BE CODE TYPE #8 A.W.G. STRANDED CU. THW INSULATION DELIVERED TO JOBSITE IN ORIGINAL CONTAINERS, UNIFORMED, MANUF. & TRADE NAME & DATE OF MANUF. (NOT TO EXCEED 6 MOS. PRIOR TO DEL. TO PROJECT) MARKED ON CABLE.

G. CONTRACTOR SHALL THOROUGHLY CLEAN LUMINAIRE ON RELOCATED STANDARD AND REPLACE LAMP WITH A NEW S75 W, 120 V., WESTINGHOUSE #S75 PS 40/51 OR EQUAL.

QUANTITY ESTIMATE

CURB ONLY, 6"CF, STD. DWG. 200	1537 L.F.
2½" A.C. PAVING	13,400 S.F.
OVERLAY PAVING	29 T.
RESURFACE EXIST'G PAVING	13,500 S.F.
SIDEWALK, STD. DWG. 2154N/STEPS	514 S.F.
CATCH BASIN, STD. DWG. 405	1 EA.
1½" GALVANIZED PIPE	134 L.F.
ENCASE 20" 12" PIPE - STD. DWG. 452	129 L.F.
REMOVE EXIST'G CURB ONLY	146 L.F.
OUTSITE LIGHTING SYSTEM	L.S.
STRIPING & TRAFFIC CONTROL PAINTING	L.S.
GRADING & BASE MATERIAL	L.S.

CURVE DATA

NO.	R	Δ	T	L
1	20.00	95° 32' 55"	21.26	33.35
2	20.00	72° 51' 05"	15.03	25.78
3	5.00	60° 00' 00"	2.89	5.24
4	5.00	90° 07' 30"	5.01	7.87
5	12.00	120° 00' 00"	20.78	25.13
6	12.00	104° 08' 37"	15.57	22.75
7	16.54	82° 55' 24"	14.64	23.98
8	5.00	97° 01' 54"	5.66	8.47
9	5.00	135° 49' 32"	11.73	11.86
10	10.00	64° 11' 10"	6.38	11.36
11	520.75	7° 15' 08"	32.75	66.41
12	511.75	27° 12' 02"	75.42	148.00
13	215.0	104° 15' 29"	136.71	69.53
14	5.00	107° 46' 55"	6.41	6.85
15	36.75	149° 48' 12"	34.73	71.36
16	5.00	103° 34' 40"	6.55	9.04
17	515.75	17° 51' 32"	56.39	111.50
18	5.00	57° 21' 21"	2.74	5.01
19	536.75	4° 15' 52"	12.82	24.34
20	57.19	28° 43' 54"	14.79	28.01
21	850.00	2° 36' 35"	4.65	9.31
22	850.00	0° 48' 16"	5.86	11.48
23	12.00	60° 00' 00"	6.93	12.57

CONSTRUCTION NOTES

1. CONSTRUCT CURB ONLY, 6"CF, PER STD. DWG. 200.
2. CONSTRUCT 2½" A.C. PAVING OVER NATIVE SOIL.
3. OVERLAY EXIST'G PAVING AS REQ'D. (SHADED AREA) WHERE OVERLAY EXCEEDS 3" A SUBGRADE OF ENGINEERED MATERIAL MAY BE USED.
4. E...OSE EXISTING 12" CONC. PIPE & ENCASE PER CASE "E", STD. DWG. 452 (NO STEEL REQ'D)
5. INSTALL 1½" GALV. PIPE, CAPPED BOTH ENDS, FOR FUTURE WATER SYSTEM, LATER OR SHOWN, LOCATE IN FIELD
6. CONSTRUCT CONCRETE SIDEWALK PER STD. DWG. 215A OR AS DIMENSIONED.
7. CONSTRUCT CONCRETE STEPS TO MEET EXISTING SIDEWALK. (5-6" RISERS W/11½" TREAD)
8. EXISTING POWER POLES & FIXTURES TO BE REMOVED BY CITY OF RIVERSIDE LIGHT DEPT.
9. GRADE UNIFORM SLOPE TO MEET PROPOSED OLIVEWOOD AVE. PARKWAY ELEVATION AND TO MEET EXISTING GROUND PER SECTION "A-A" ABOVE.
10. EXISTING PAVED SURFACE TO BE COATED WITH "JET SEAL" TO MFR. SPECS. OR EQUAL.
11. PAINT 4" WIDE BORDER WITH 4" WIDE CROSS STRIPING ON 18" CENTERS. PAINT TO BE "TRAFFIC YELLOW" 2 COATS
12. PAINT DOUBLE 4" WIDE STRIPES 12" APART, 4 OAD. 40' PAINT TO BE "TRAFFIC YELLOW" 2 COATS
13. ALL PARKING SPACES TO BE STRIPED PER DETAIL "C" AND DIRECTIONAL ARROWS PER DETAIL "D", PAINT TO BE "TRAFFIC WHITE", 2 COATS
14. EXISTING LIGHT STANDARD TO BE RELOCATED TO SOUTH END OF NEW PARKING AREA AS INDICATED. SEE DETAIL "E" ABOVE.
15. INSTALL PULL BOX, 3000XS NO. 3½ OR APPD. EQUAL.
16. INTERCEPT EXIST'G 1" CONDUIT W/ PULL BOX TO BOX NO. 3½ OR APPROVED EQUAL.
17. RE-PULL 3-#8 WIRES BETWEEN PANEL "B" AND NEW PULL BOX IF NECESSARY.
18. INSTALL 1" CONDUIT WITH NUMBER AND SIZE OF WIRE INDICATED.
19. INSTALL 1" CONDUIT WITH PULL WIRE OR PULL CORD FOR FUTURE LIGHTS
20. INSTALL 1" CONDUIT STUB WITH CAP
21. EXISTING 1" CONDUIT W/2-#8 WIRES TO BE DISCONNECTED AND ABANDONED

GENERAL NOTES

1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF RIVERSIDE DEPT. OF PUBLIC WORKS, STD. SPECIFICATIONS AND STANDARD DRAWINGS.
2. ALL ELEVATIONS, UNLESS OTHERWISE SPECIFIED, ARE SHOWN THUS:
   EXISTING TOP OF PAVING 569.5
   PROPOSED TOP OF PAVING 569.5
3. DISCONNECTION AND REMOVAL OF EXISTING SPRINKLER SYSTEM SHALL BE BY OWNER, PRIOR TO CONSTRUCTION.
4. FOR POSITION OF WORK TO BE DONE BY CITY OF RIVERSIDE REFER TO:
   PUBLIC WORKS ENG. DWG. NO. R-1176 SHT. 8-10 (STS. IMP.)
   PUBLIC UTILITIES ENG. DWG. NO. US-0919 (ST. LIGHTING)
   DWG NO. US-0170 (ELECT. U.G.)

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA

APPROVED BY R.G. Hammatt DATE 3-16-69
R.E. NO. 16059

W.O. 68-309 FOR: RIVERSIDE CITY SCHOOLS, F.B. 1010

MARK	REVISIONS	APPR.	DATE

DESIGNED BY GAC DRAWN BY GAC CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
ASSISTANT CITY ENG.		

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE

Dan V. Bragg 4-30-69
RIVERSIDE CITY COLLEGE

RIVERSIDE CITY COLLEGE
PARKING LOT MODIFICATION
COSMETOLOGY BUILDING
CONSTRUCTION DRAWING
SUPPLEMENT TO CITY OF RIV. PLAN NO R-1176

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" =

PROJECT NO.
FILE WITH R-1176
SHEET 1 OF 1
FILE NO. 68-309