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

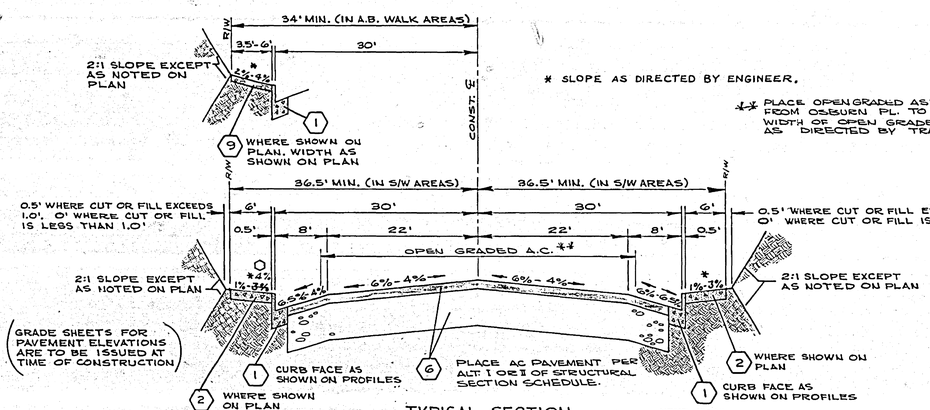
1. CONST. CURB AND GUTTER PER STD. DWG. 200. CURB FACE AS NOTED ON CURB PROFILES.
2. CONST. CURB SIDEWALK PER STD. DWG. 325A.
3. CONST. DRIVEWAY APPROACH PER STD. DWG. 302. A-10' AND B-17' EXCEPT AS NOTED ON THE PLAN. FINAL LOCATION TO BE DETERMINED IN THE FIELD BY ENGINEER. MATERIAL AS SHOWN ON PLAN.
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. 1 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. STUMP REMOVED TO 2' MIN. BELOW EXIST GROUND LEVEL.
11. CONST. TREE WELL PER STD. DWG 326. STATION 15 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: U5-0170
4. PARKING LOT MODIFICATION PLAN, RIVERSIDE CITY COLLEGE.
5. OLIVEWOOD AVE. DIRT STORAGE PLAN - R-1176-D5

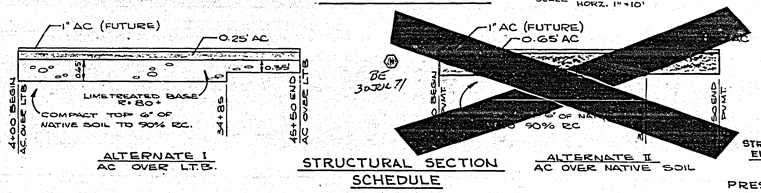


* SLOPE AS DIRECTED BY ENGINEER.

** PLACE OPEN GRADED ASPHALT CONCRETE FROM OSBORN 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'

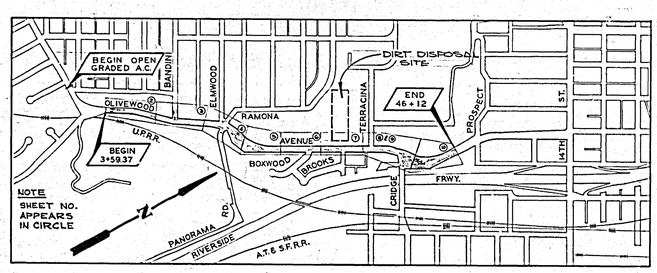


ALTERNATE I — AC OVER LT.B.

STRUCTURAL SECTION SCHEDULE

ALTERNATE II — AC OVER NATIVE SOIL

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
- POWER POLE
- GUY POLE
- POLE & GUY ANCHOR
- PULL BOX
- TRAFFIC SIGN
- PARKING METER
- FIRE ALARM BOX
- 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
- GAS METER
- WATER METER
- FIRE HYDRANT
- SPRINKLER HEAD
- WATER VALVE
- GAS VALVE
- HYDRANT OR FAUCET
- MAIL BOX
- PORCH
- STEPS
- YARD LIGHT
- 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

OLIVEWOOD AVE. WIDENING
JURUPA AVE. TO PROSPECT AVE.

APPROVED BY	BY	DATE
OFFICE ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
ASSISTANT CITY ENG		5-14
WATER DIV.		

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

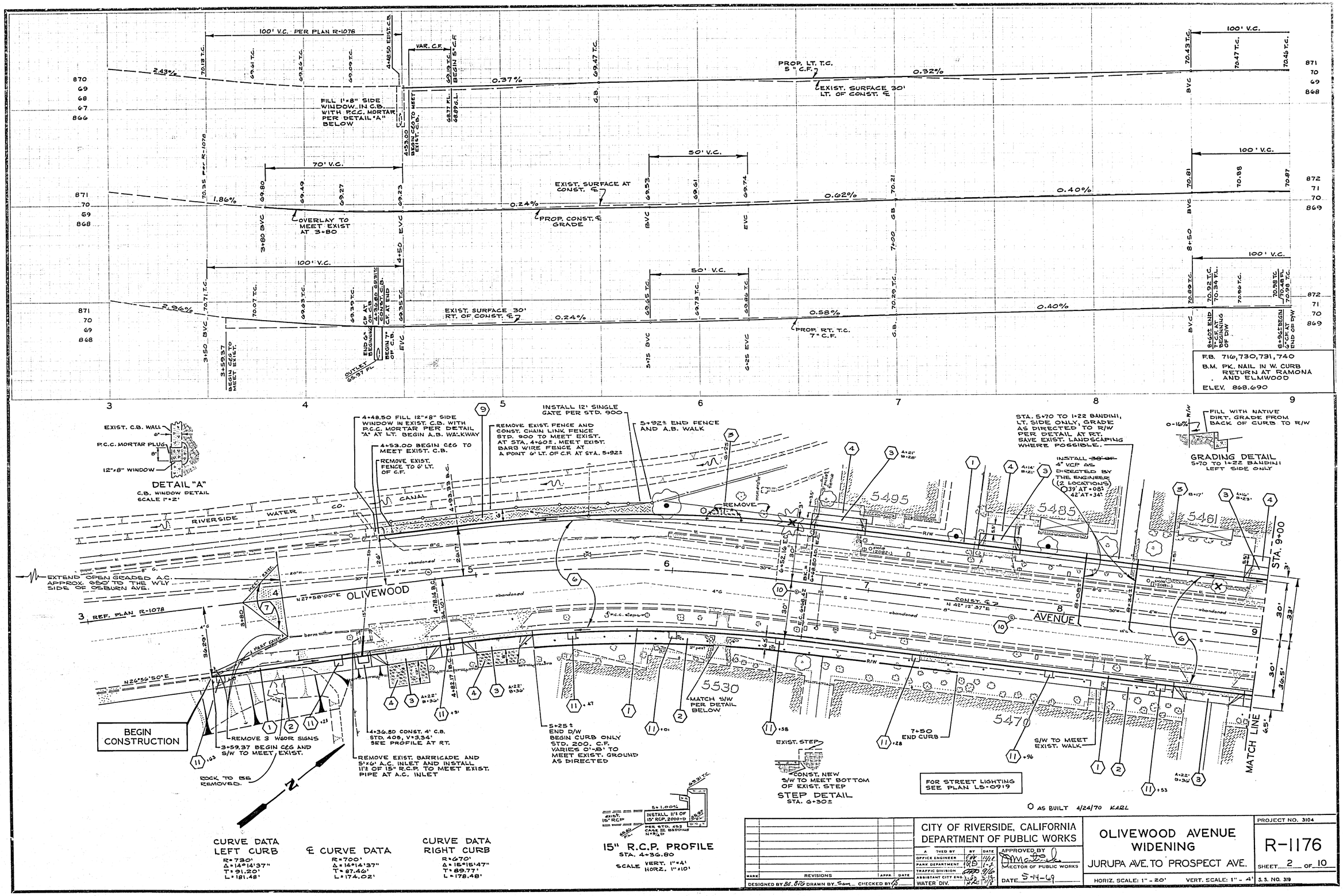
PROJECT NO. 3104

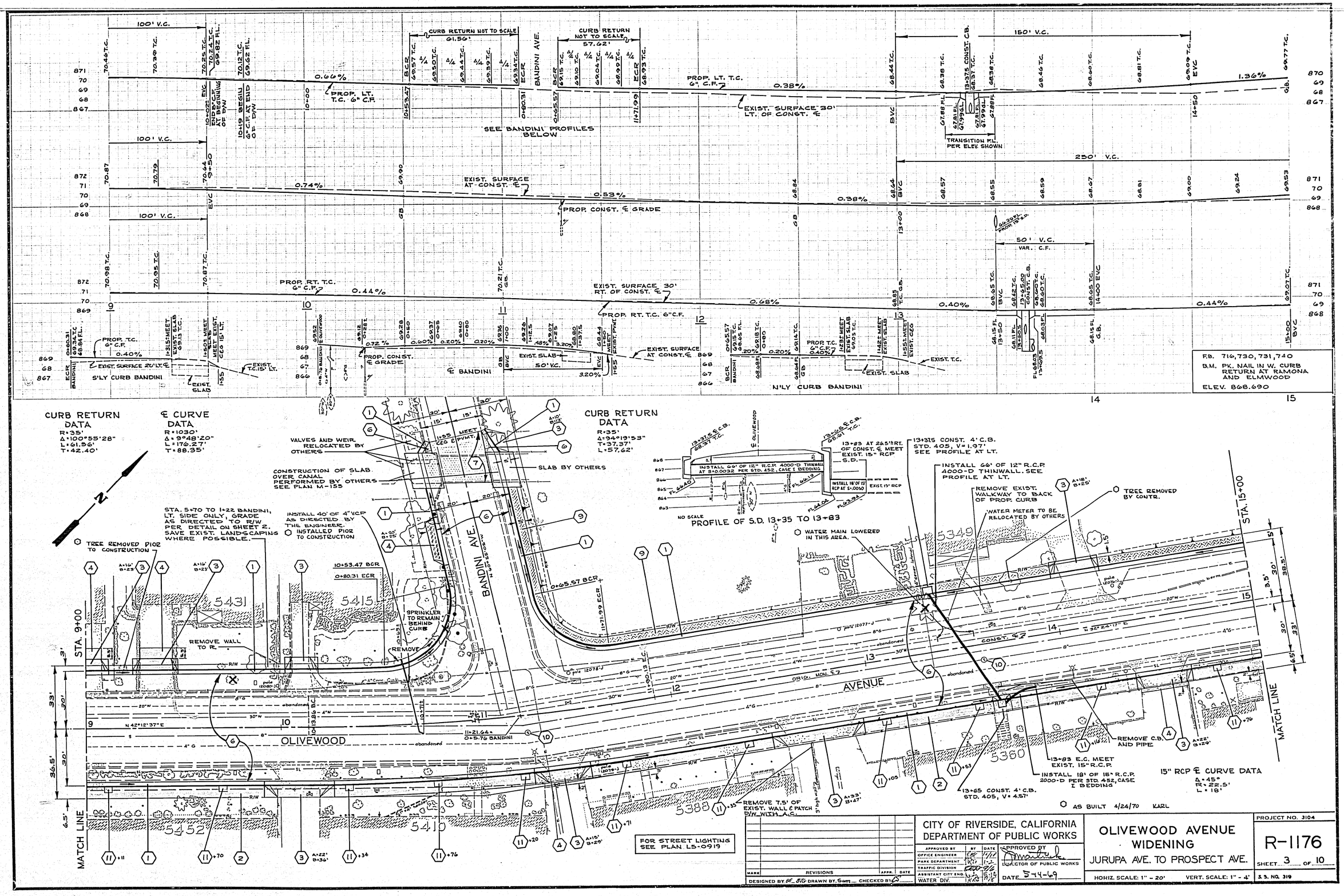
R-1176

SHEET 1 OF 10

SAM DESIGNED BY BTF DRAWN BY Sam CHECKED BY CS S.S. NO. 319

○ AS BUILT 4/24/70 KRL


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%
EXIST. SURFACE AT CONST. ℄
0.62%
0.40%
OVERLAY TO MEET EXIST AT 3+80
PROP. CONST. ℄ GRADE
3+80 BVC
4+50 EVC
7+00 GB
8+50 BVC
100' V.C.
50' V.C.
100' V.C.
2.96%
0.24%
EXIST. SURFACE 30' RT. OF CONST. ℄
0.58%
0.40%
PROP. RT. T.C. 7" C.F.
3+50 BVC
3+59.37 BEGIN C&G TO MEET EXIST.
OUTLET 69.97 FL.
END C.P. AT 4+36.80 BEGIN C.P. AT 4+36.80 69.31 T.C.
CONST. C.B.
BEGIN TP OF C.B.
C.P. AT END OF C.B.
4+36.80 EVC
5+15 BVC
6+25 EVC
7+50 GB
8+50 BVC
9+60± END BEGIN OF D/W
9+94±BEGIN C.P.C.P. END OF D/W
F.B. 710,730,731,740
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.
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±
INSTALL 12' SINGLE GATE PER STD. 900
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 ~~36" 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
REMOVE
5495
5485
5461
5530
5470
STA. 9+00
EXTEND OPEN GRADED A.C. APPROX. 650' TO THE W'LY SIDE OF OSBURN AVE.
REF. PLAN R-1078
N 27°58'00"E OLIVEWOOD
CONST. C.2 N 41°12'57"E
AVENUE
N 24°56'50"E
BEGIN CONSTRUCTION
REMOVE 3 W60R 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. 408, 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
MATCH LINE
FOR STREET LIGHTING SEE PLAN LS-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'
INSTALL 11'± OF 15" RCP, 2000-D
PER STD. 403 CASE II BEDDING
NPP/AD
S=1.00%
EXIST. 15" RCP
REVISIONS
DESIGNED BY BS. 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



MARK	REVISIONS	APPR.	DATE

DESIGNED BY BE BTG DRAWN BY Sam CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

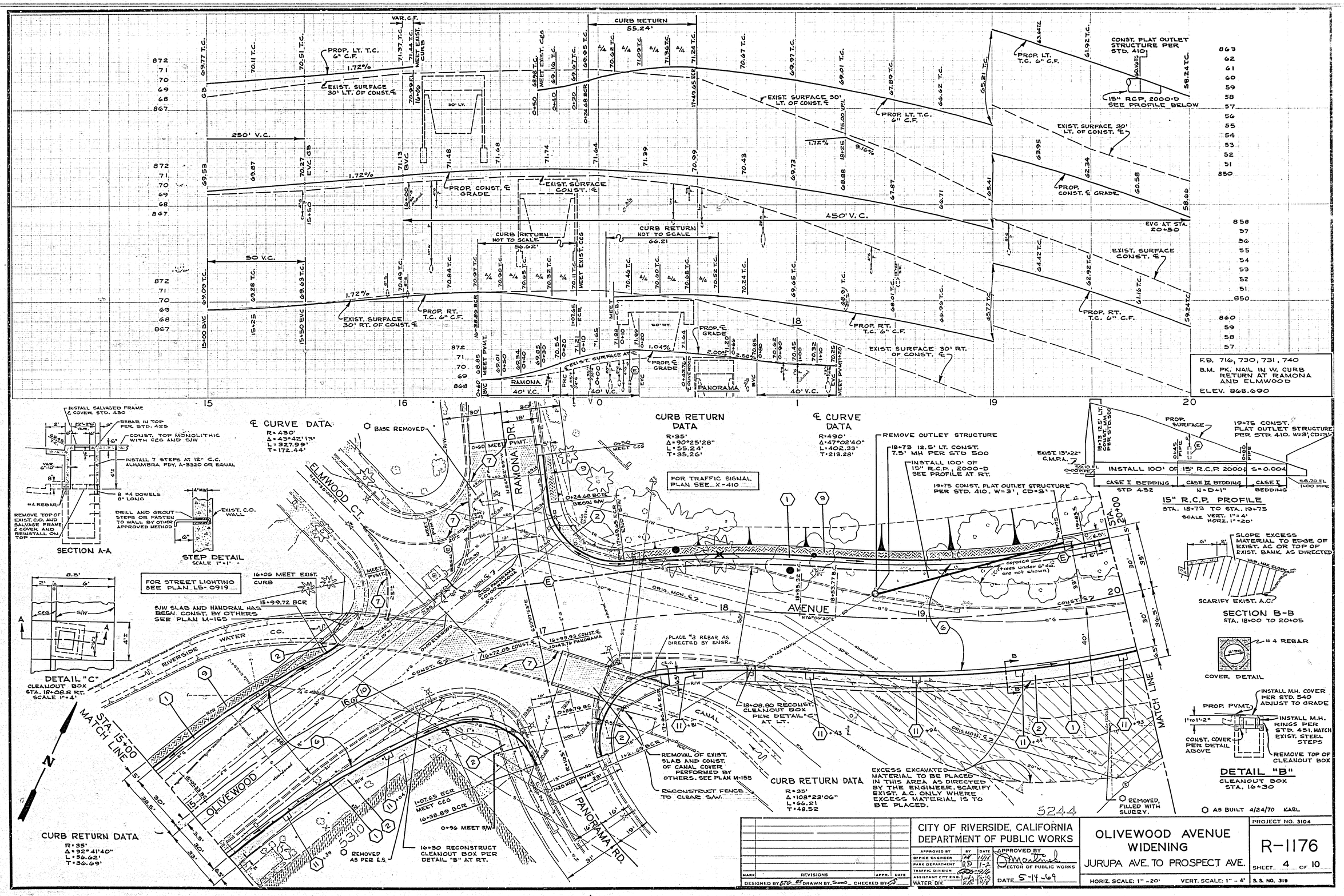
APPROVED BY	BY	DATE
OFFICE ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
ASSISTANT CITY ENG.		
WATER DIV.		

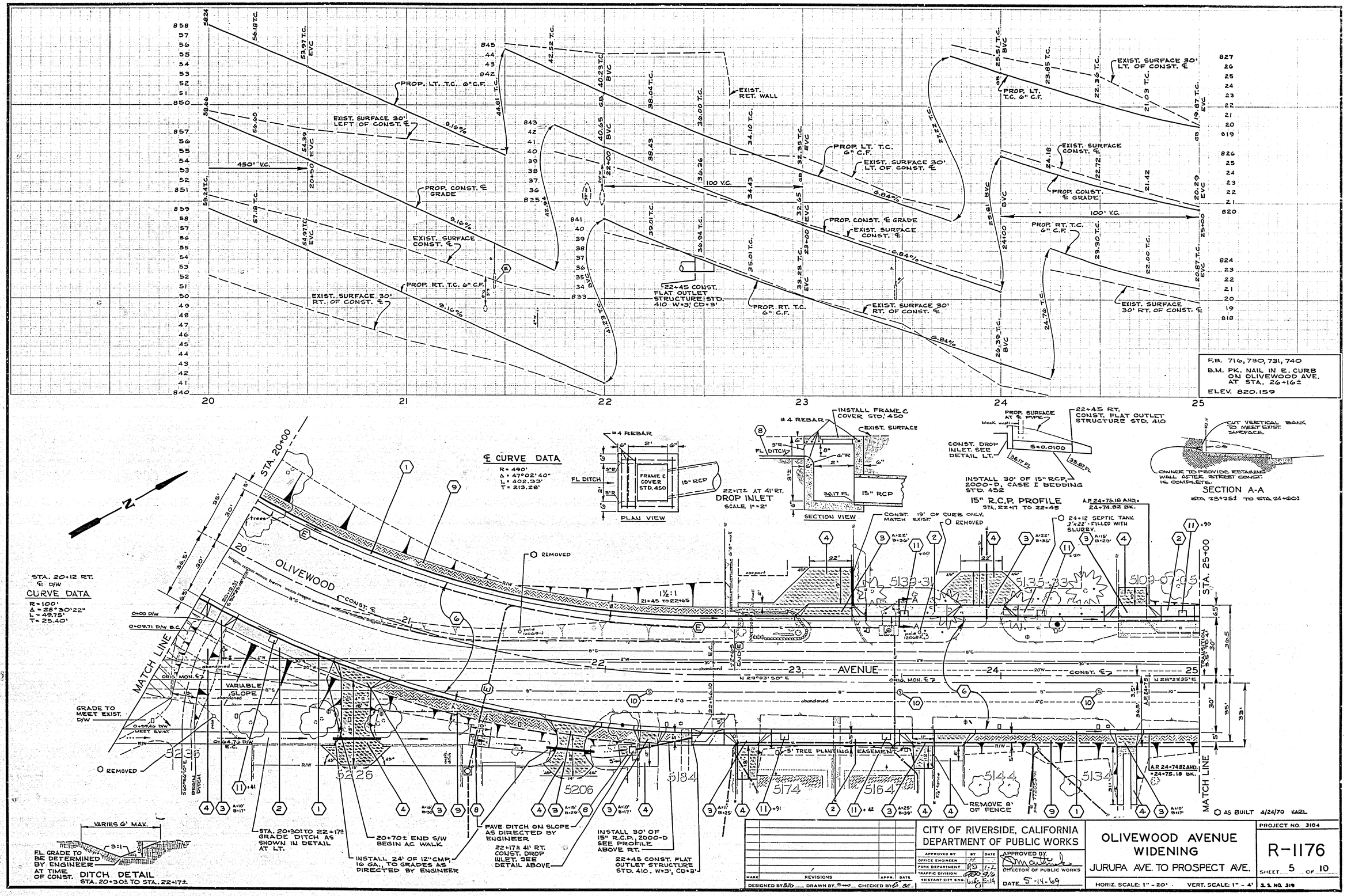
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 5-14-69

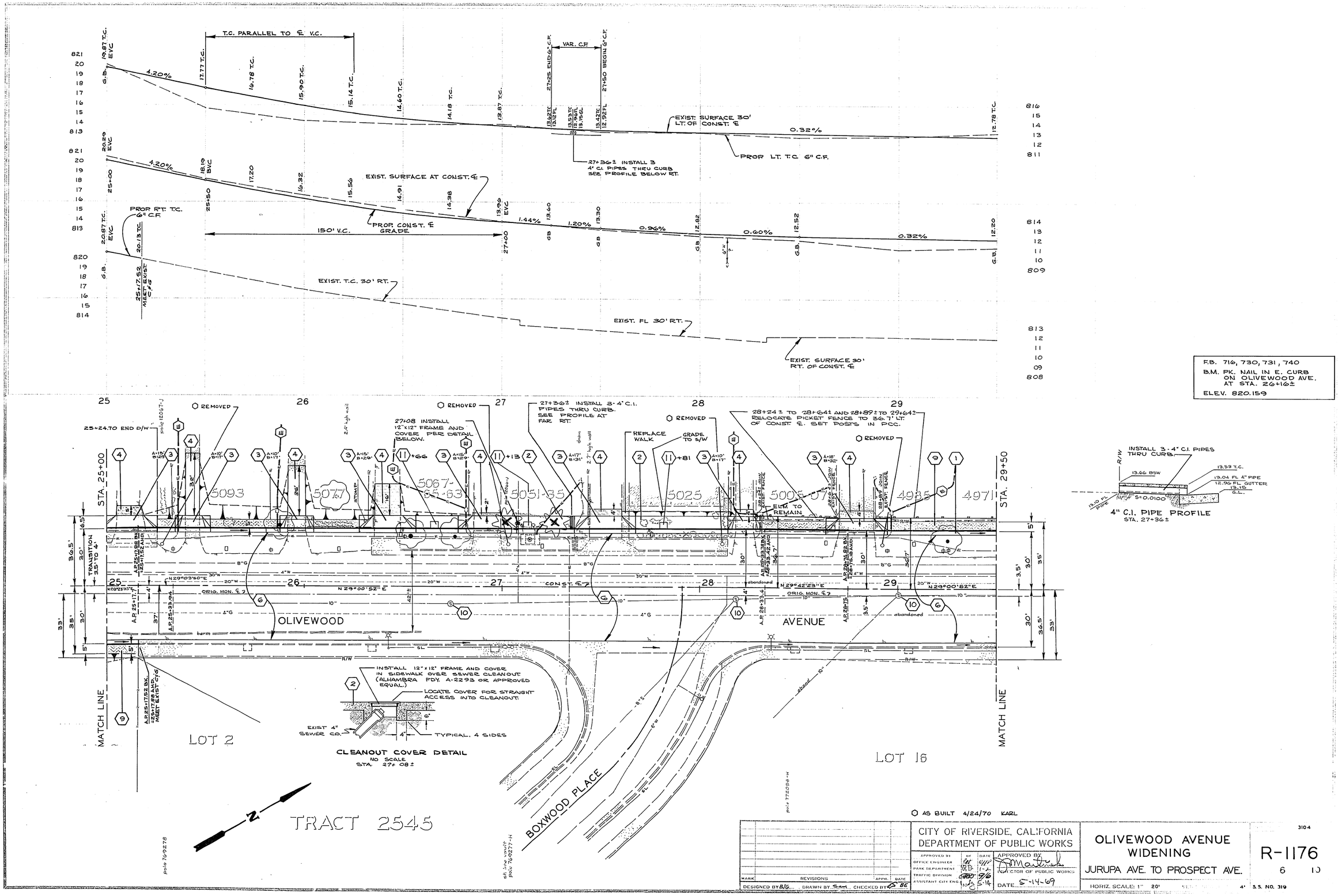
OLIVEWOOD AVENUE WIDENING
JURUPA AVE. TO PROSPECT AVE.

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

PROJECT NO. 3104
R-1176
SHEET 3 OF 10
S.S. NO. 319


CURB RETURN 55.24'
PROP. LT. T.C. 6" C.F.
EXIST. SURFACE 30' LT. OF CONST. ℄
250' V.C.
PROP. CONST. ℄ GRADE
EXIST. SURFACE CONST. ℄
450' V.C.
CURB RETURN NOT TO SCALE 56.62'
CURB RETURN NOT TO SCALE 66.21
30' V.C.
PROP. RT. T.C. 6" C.F.
EXIST. SURFACE 30' RT. OF CONST. ℄
RAMONA
40' V.C.
PANORAMA
CONST. FLAT OUTLET STRUCTURE PER STD. 410
15" RCP, 2000-D SEE PROFILE BELOW
EVC AT STA. 20+50
F.B. 716, 730, 731, 740
B.M. PK. NAIL IN W. CURB RETURN AT RAMONA AND ELMWOOD
ELEV. 868.690
℄ CURVE DATA
R=430'
Δ=43°42'13"
L=327.99'
T=172.44'
CURB RETURN DATA
R=35'
Δ=90°25'28"
L=55.24'
T=35.26'
℄ CURVE DATA
R=490'
Δ=47°02'40"
L=402.33'
T=213.28'
FOR TRAFFIC SIGNAL PLAN SEE X-410
REMOVE OUTLET STRUCTURE
18+73 12.5' LT. CONST. 7.5' MH PER STD 500
INSTALL 100' OF 15" R.C.P., 2000-D SEE PROFILE AT RT.
19+75 CONST. FLAT OUTLET STRUCTURE PER STD. 410. W=3', CD=3'
EXIST. 13"x22" C.M.P.A.
INSTALL 100' OF 15" R.C.P. 2000-D S=0.004
CASE I BEDDING STD 452
CASE III BEDDING W=D+1'
CASE I BEDDING
15" R.C.P. PROFILE
STA. 18+73 TO STA. 19+75
SCALE VERT. 1"=4' HORZ. 1"=20'
SECTION A-A
STEP DETAIL
SCALE 1"=1'
FOR STREET LIGHTING SEE PLAN L5-0919
16+06 MEET EXIST. CURB
S/W SLAB AND HANDRAIL HAS BEEN CONST. BY OTHERS SEE PLAN M-155
DETAIL "C"
CLEANOUT BOX STA. 18+08.8 RT.
SCALE 1"=4'
ELMWOOD CT.
RAMONA
AVENUE
RIVERSIDE WATER CO.
OLIVEWOOD
PANORAMA RD.
CANAL
MATCH LINE
STA. 15+00
STA. 20+00
PLACE #3 REBAR AS DIRECTED BY ENGR.
18+08.80 RECONST. CLEANOUT BOX PER DETAIL "C" AT LT.
REMOVAL OF EXIST. SLAB AND CONST. OF CANAL COVER PERFORMED BY OTHERS. SEE PLAN M-155
RECONSTRUCT FENCE TO CLEAR S/W.
16+30 RECONSTRUCT CLEANOUT BOX PER DETAIL "B" AT RT.
REMOVED AS PER E.S.
CURB RETURN DATA
R=35'
Δ=92°41'40"
L=56.62'
T=36.69'
CURB RETURN DATA
R=35'
Δ=108°23'06"
L=66.21
T=48.52
EXCESS EXCAVATED MATERIAL TO BE PLACED IN THIS AREA. AS DIRECTED BY THE ENGINEER. SCARIFY EXIST. A.C. ONLY WHERE EXCESS MATERIAL IS TO BE PLACED.
REMOVED, FILLED WITH SLURRY.
SLOPE EXCESS MATERIAL TO EDGE OF EXIST. AC OR TOP OF EXIST. BANK AS DIRECTED
SCARIFY EXIST. A.C.
SECTION B-B
STA. 18+00 TO 20+05
#4 REBAR
COVER DETAIL
INSTALL M.H. COVER PER STD. 540 ADJUST TO GRADE
INSTALL M.H. RINGS PER STD. 451. MATCH EXIST. STEEL STEPS
CONST. COVER PER DETAIL ABOVE
REMOVE TOP OF CLEANOUT BOX
DETAIL "B"
CLEANOUT BOX STA. 16+30
AS BUILT 4/24/70 KARL
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
OLIVEWOOD AVENUE WIDENING
JURUPA AVE. TO PROSPECT AVE.
PROJECT NO. 3104
R-1176
SHEET 4 OF 10
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'
S.S. NO. 319
DATE 5-14-69


PROP. LT. T.C. 6" C.F.
EXIST. SURFACE 30' LEFT OF CONST. ℄
450' V.C.
PROP. CONST. ℄ GRADE
EXIST. SURFACE CONST. ℄
PROP. RT. T.C. 6" C.F.
EXIST. SURFACE 30' RT. OF CONST. ℄
EXIST. RET. WALL
100 V.C.
22+45 CONST. FLAT OUTLET STRUCTURE STD. 410 W=3' CD=3'
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. ℄
PROP. LT. T.C. 6" C.F.
EXIST. SURFACE 30' LT. OF CONST. ℄
EXIST. SURFACE CONST. ℄
PROP. CONST. ℄ GRADE
PROP. RT. T.C. 6" C.F.
EXIST. SURFACE 30' RT. OF CONST. ℄
100' V.C.
F.B. 716, 730, 731, 740
B.M. PK. NAIL IN E. CURB ON OLIVEWOOD AVE. AT STA. 26+16±
ELEV. 820.159
℄ CURVE DATA
R = 490'
Δ = 47°02'40"
L = 402.33'
T = 213.28'
#4 REBAR
FL DITCH
FRAME & COVER STD. 450
15" RCP
22+17± AT 41' RT.
DROP INLET
SCALE 1"=2'
PLAN VIEW
INSTALL FRAME & COVER STD. 450
EXIST. SURFACE
36.17 FL
SECTION VIEW
PROP. SURFACE AT ℄ PIPE
22+45 RT. CONST. FLAT OUTLET STRUCTURE STD. 410
CONST. DROP INLET. SEE DETAIL LT.
S=0.0100
36.17 FL
35.87 FL
INSTALL 30' OF 15" RCP, 2000-D, CASE I BEDDING STD. 452
15" R.C.P. PROFILE
STA. 22+17 TO 22+45
CUT VERTICAL BANK TO MEET EXIST. SURFACE
OWNER TO PROVIDE RETAINING WALL AFTER STREET CONST. IS COMPLETE.
SECTION A-A
STA. 23+25± TO STA. 24+20±
STA. 20+00
STA. 20+12 RT. ℄ D/W
CURVE DATA
R = 100'
Δ = 28°30'22"
L = 49.75'
T = 25.40'
OLIVEWOOD
℄ CONST.
MATCH LINE
REMOVED
CONST. 19' OF CURB ONLY, MATCH EXIST.
24+12 SEPTIC TANK 3'x22' FILLED WITH SLURRY.
1½:1
21+45 TO 22+65
VARIABLE SLOPE
GRADE TO MEET EXIST. D/W
AVENUE
CONST. ℄
STA. 25+00
5' TREE PLANTING EASEMENT
REMOVE 8' OF FENCE
AS BUILT 4/24/70 KARL
VARIES 6' MAX.
FL GRADE TO BE DETERMINED BY ENGINEER AT TIME OF CONST.
DITCH DETAIL
STA. 20+30± TO STA. 22+17±
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'
MARK
REVISIONS
APPR.
DATE
DESIGNED BY
DRAWN BY
CHECKED BY
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



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

○ AS BUILT 4/24/70 KARL

MARK	REVISIONS	APPR.	DATE

DESIGNED BY BJG DRAWN BY Sam CHECKED BY BE

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

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

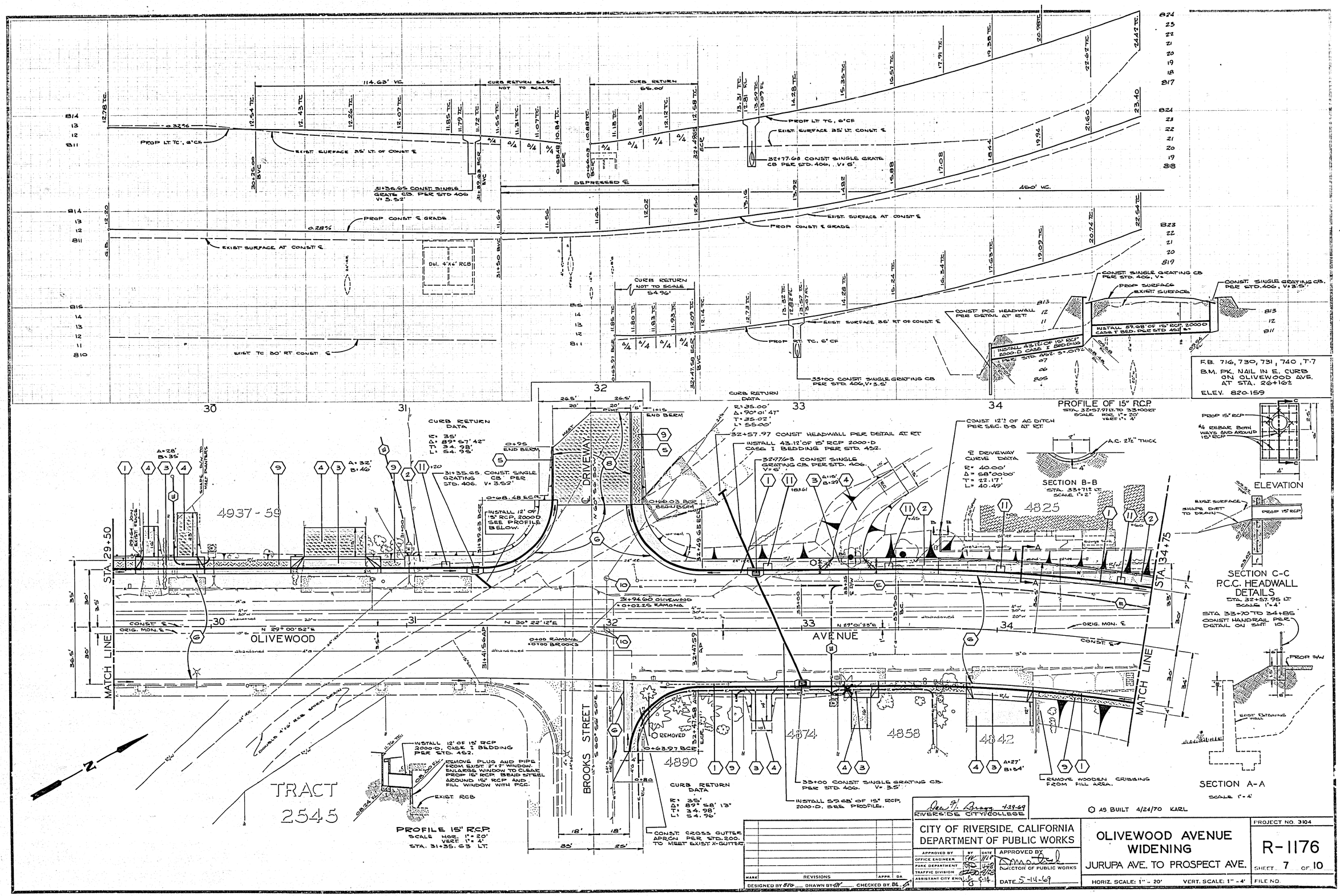
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 5-14-69

OLIVEWOOD AVENUE WIDENING
JURUPA AVE. TO PROSPECT AVE.

HORIZ. SCALE: 1" 20' 4'

R-1176
6 10

S.S. NO. 319



Dee F. Bragg 4-29-69
RIVERSIDE CITY COLLEGE

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER		7/28
PARK DEPARTMENT		7/28
TRAFFIC DIVISION		7/28
ASSISTANT CITY ENG.		5-14

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

MARK | REVISIONS | APPR. | DA.

DESIGNED BY BFG DRAWN BY DW CHECKED BY BE

OLIVEWOOD AVENUE WIDENING

JURUPA AVE. TO PROSPECT AVE.

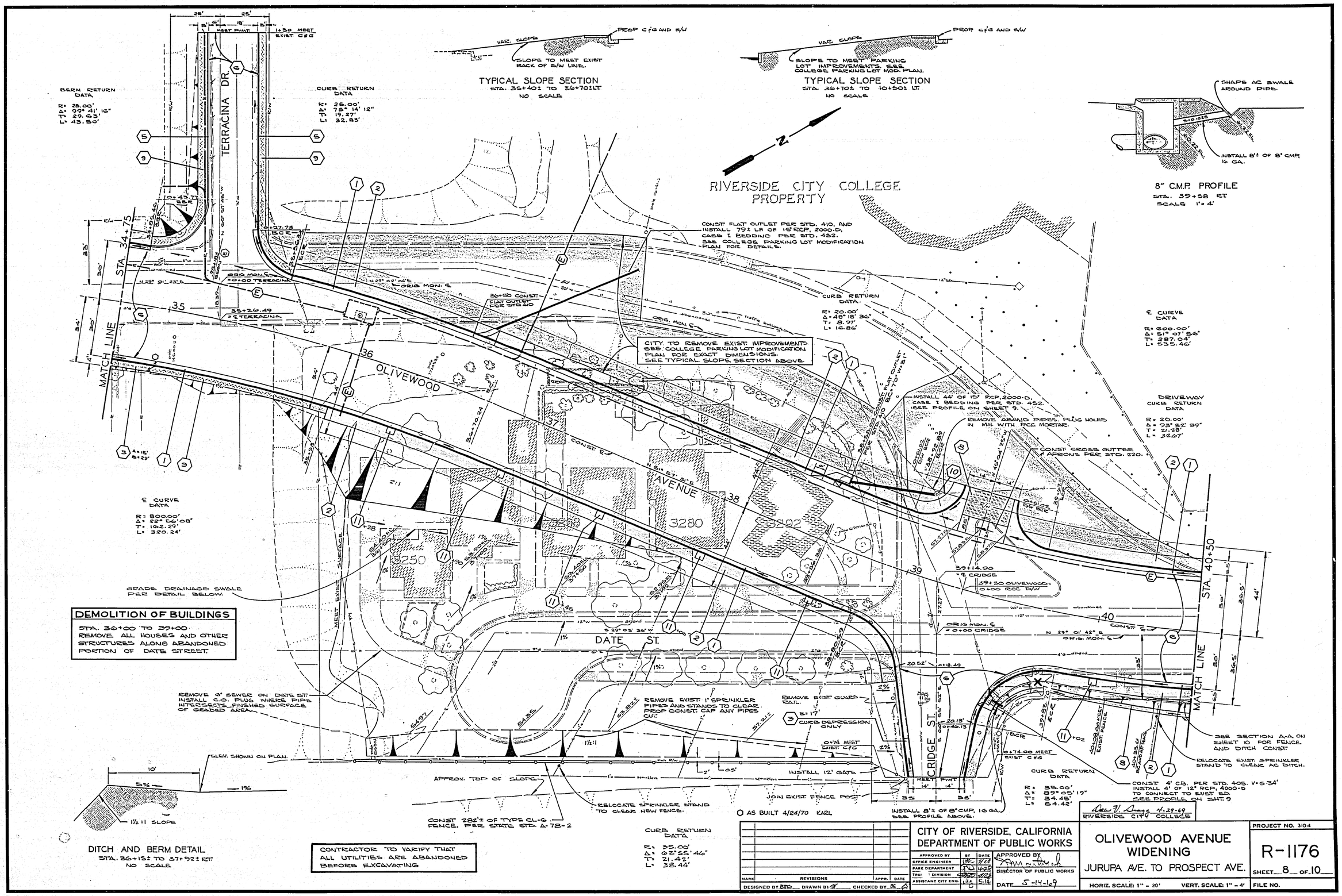
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'

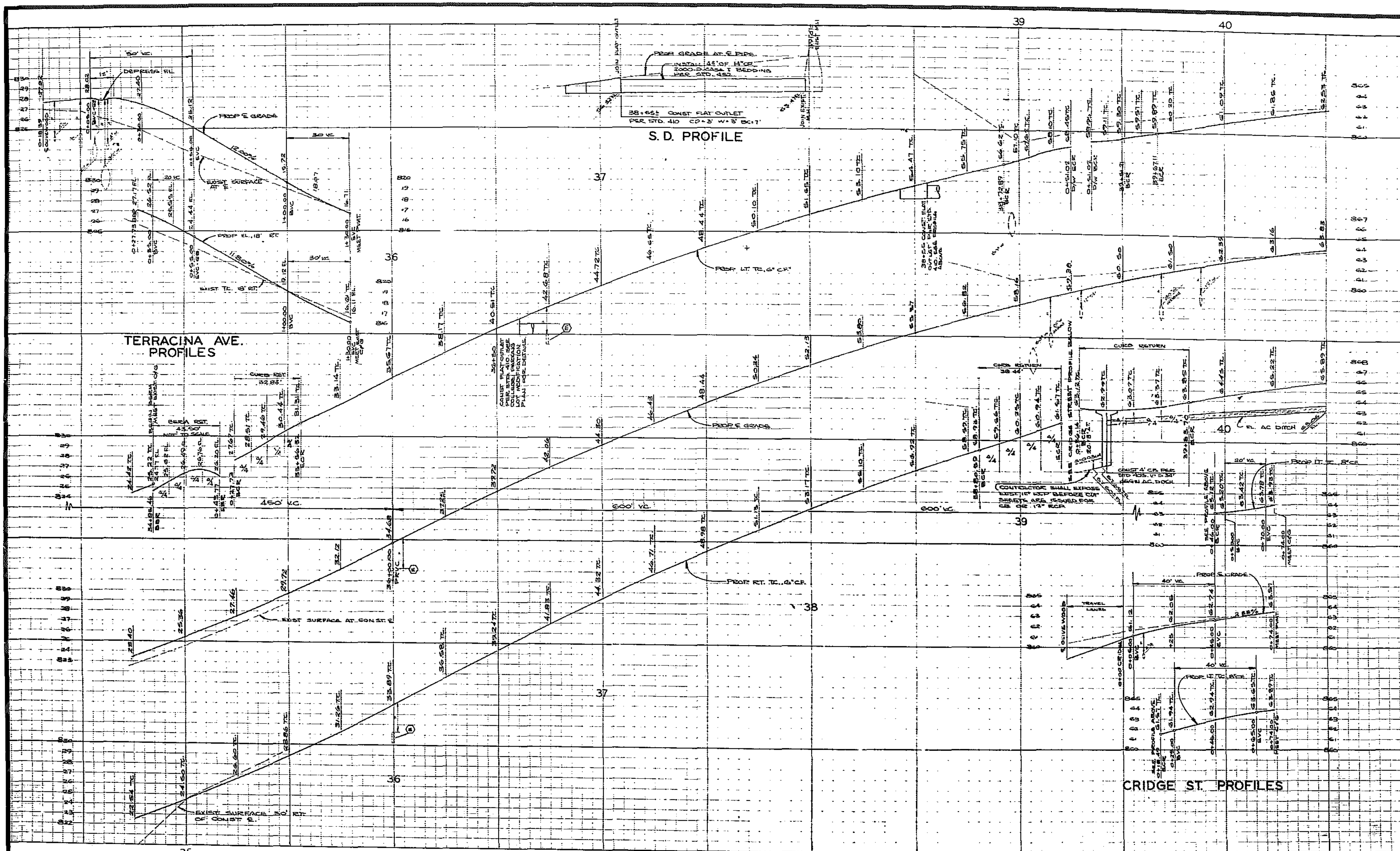
PROJECT NO. 3104

R-1176

SHEET 7 OF 10

FILE NO.


TYPICAL SLOPE SECTION
STA. 35+40± TO 36+70± LT
NO SCALE
SLOPE TO MEET EXIST BACK OF S/W LINE.
PROP C/G AND S/W
VAR. SLOPE
TYPICAL SLOPE SECTION
STA. 36+70± TO 40+50± LT
NO SCALE
SLOPE TO MEET PARKING LOT IMPROVEMENTS. S.B.S. COLLEGE PARKING LOT MOD. PLAN.
8" C.M.P. PROFILE
STA. 39+58 ET
SCALE 1" = 4'
SHAPE AC SWALE AROUND PIPE.
INSTALL 8'± OF 8" CMP, 16 GA.
BERM RETURN DATA
R: 25.00'
Δ: 99° 41' 16"
T: 29.63'
L: 43.50'
CURB RETURN DATA
R: 25.00'
Δ: 75° 14' 12"
T: 19.27'
L: 32.83'
TERRACINA DR.
RIVERSIDE CITY COLLEGE PROPERTY
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.
CURB RETURN DATA
R: 20.00'
Δ: 48° 18' 32"
T: 8.97'
L: 16.86'
℄ CURVE DATA
R: 600.00'
Δ: 51° 07' 56"
T: 287.04'
L: 535.46'
DRIVEWAY CURB RETURN DATA
R: 20.00'
Δ: 93° 52' 39"
T: 21.28'
L: 32.87'
INSTALL 44' OF 15" RCP, 2000-D, CASE I BEDDING PER STD. 452. SEE PROFILE ON SHEET 9.
REMOVE ABAND PIPES, PLUG HOLES IN M.H. WITH RCC MORTAR.
CONST CROSS GUTTER & APRONS PER STD. 220.
℄ CURVE DATA
R: 800.00'
Δ: 22° 56' 08"
T: 162.29'
L: 320.24'
OLIVEWOOD AVENUE
DATE ST.
CRIDGE ST.
MATCH LINE
STA. 34+75
STA. 40+50
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
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
APPROX. TOP OF SLOPE
ELEV. SHOWN ON PLAN.
1½:1 SLOPE
DITCH AND BERM DETAIL
STA. 36+15± TO 37+92± RT
NO SCALE
CONTRACTOR TO VARIFY THAT ALL UTILITIES ARE ABANDONED BEFORE EXCAVATING
CURB RETURN DATA
R: 35.00'
Δ: 62° 55' 46"
T: 21.42'
L: 38.44'
CURB RETURN DATA
R: 35.00'
Δ: 89° 05' 19"
T: 34.45'
L: 54.42'
INSTALL 8'± OF 8" CMP, 16 GA. SEE PROFILE ABOVE.
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
RELOCATE EXIST. SPRINKLER STAND TO CLEAR AC DITCH.
SEE SECTION A-A ON SHEET 10 FOR FENCE AND DITCH CONST.
O AS BUILT 4/24/70 KARL
MARK REVISIONS APPR. DATE
DESIGNED BY BTG DRAWN BY CHECKED BY
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY OFFICE ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
ASSISTANT CITY ENG.
APPROVED BY 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.



Riverside City College 4-29-69

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

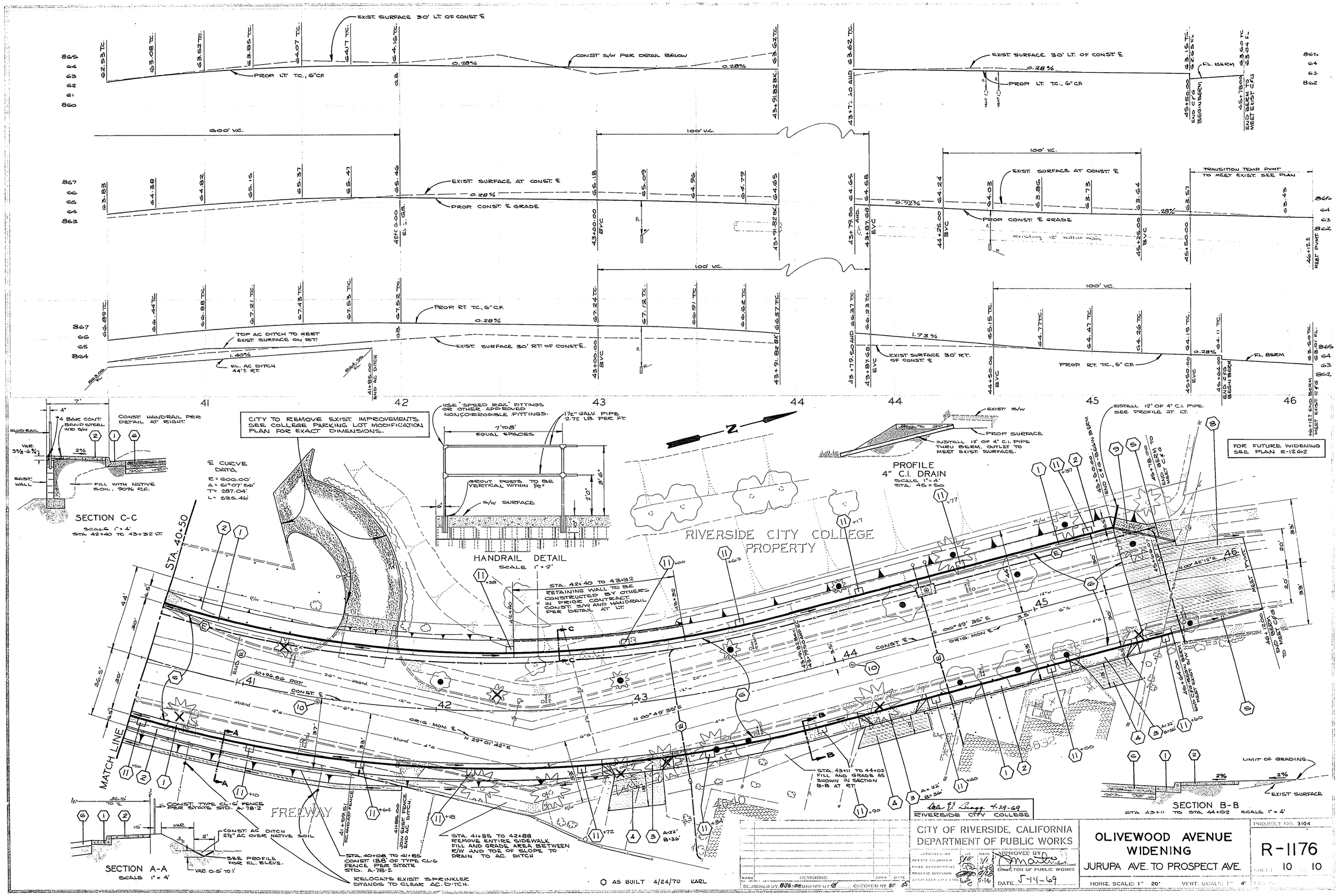
APPROVED BY — DIRECTOR OF PUBLIC WORKS

OLIVEWOOD AVENUE WIDENING
JURUPA AVE. TO PROSPECT AVE

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

PROJECT NO. R-1176
SHEET 9 OF 10

DESIGNED BY BJG DRAWN BY CHECKED BY BB



CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

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

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

OLIVEWOOD AVENUE WIDENING

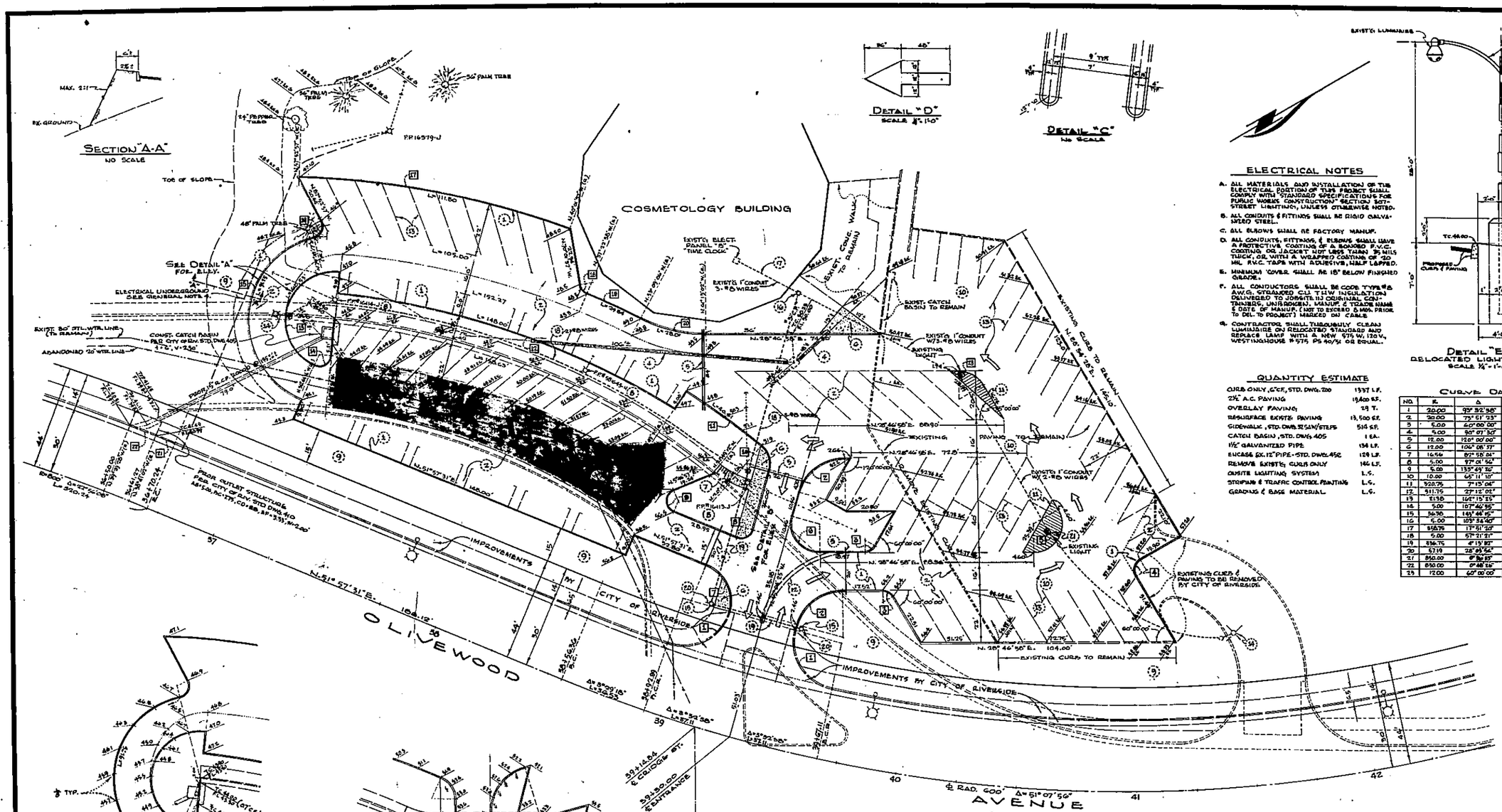
JURUPA AVE. TO PROSPECT AVE.

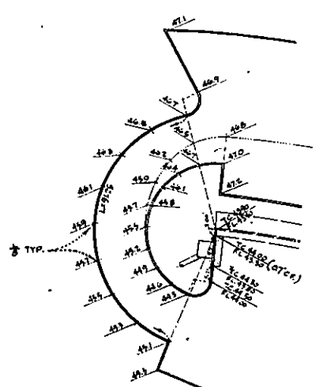
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'

PROJECT NO. 3104

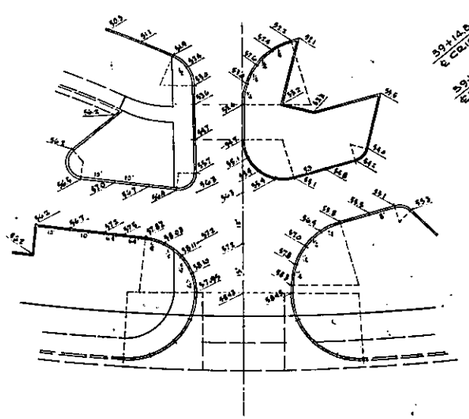
R-1176

SHEET 10 OF 10





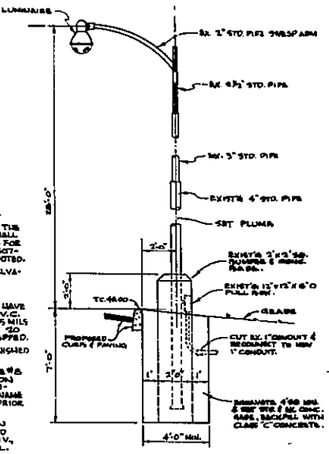
DETAIL "A"
SCALE 1"=20'



DETAIL "B"
SCALE 1"=20'

DETAIL "D"
SCALE ¼"=1'-0"

DETAIL "C"
NO SCALE



DETAIL "E"
RELOCATED LIGHT STANDARD
SCALE ½"=1'-0"

ELECTRICAL NOTES

A. ALL MATERIALS AND INSTALLATION OF THE ELECTRICAL PORTION OF THIS PROJECT SHALL COMPLY WITH "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" SECTION 587-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 3½ 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, UNBROKEN. 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 175 W. 120 V. WESTINGHOUSE # 575 PS 40/54 OR EQUAL.

QUANTITY ESTIMATE

CURB ONLY, 6"CF, STD. DWG. 200	1537 L.F.
2½" A.C. PAVING	19,400 S.F.
OVERLAY PAVING	29 T.
RESURFACE EXIST'G PAVING	13,500 S.F.
SIDEWALK, STD. DWG. 215 & 1/STEPS	514 S.F.
CATCH BASIN, STD. DWG. 405	1 EA.
1½" GALVANIZED PIPE	134 L.F.
EUCASE EX. 12" PIPE - STD. DWG. 452	128 L.F.
REMOVE EXIST'G CURB ONLY	146 L.F.
ONSITE 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° 52' 56"	21.28	33.45
2	20.00	73° 01' 23"	15.05	25.78
3	5.00	60° 00' 00"	2.89	5.24
4	5.00	90° 07' 30"	5.01	7.87
5	15.00	120° 00' 00"	22.79	35.15
6	12.00	106° 05' 37"	15.57	22.23
7	16.54	82° 50' 01"	14.66	23.98
8	5.00	97° 01' 50"	5.86	8.47
9	5.00	135° 49' 32"	11.73	11.86
10	10.00	65° 11' 10"	6.59	11.38
11	920.75	7° 15' 06"	20.23	40.41
12	511.75	27° 15' 00"	75.42	148.00
13	21.50	164° 15' 23"	134.71	69.33
14	5.00	107° 46' 55"	9.41	6.86
15	36.50	149° 46' 10"	54.23	91.26
16	5.00	109° 53' 40"	6.55	9.08
17	25.00	17° 51' 20"	39.36	11.80
18	5.00	57° 21' 21"	2.74	5.01
19	356.75	4° 15' 22"	12.82	26.84
20	57.19	28° 49' 54"	14.73	28.81
21	850.00	0° 36' 27"	4.65	9.01
22	850.00	0° 48' 16"	5.86	11.69
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 PIS BASE MATERIAL MAY BE USED.
4. REMOVE EXISTING 12" CONC. PIPE & EUCASE PER CASE 'E', STD. DWG. 452 (NO STEEL REQ'D.)
5. INSTALL 1½" GALV. PIPE CAPPED BOTH ENDS FOR FUTURE WATER SYSTEM, LATER ON SHOWN, LOCATE IN FIELD
6. CONSTRUCT CONCRETE SIDEWALK PER STD. DWG. 215A ON 5% DIMENSIONED.
7. CONSTRUCT CONCRETE STEPS TO MEET EXISTING SIDEWALK. (5-6" RISERS W/11½" TREAD)
8. EXISTING POWER POLES & ANCHORS 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. SPEC. 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, SOUTHWIRE NO. 3½ OR APP'D. EQUAL.
16. INTERCEPT EXIST'G 1" CONDUIT W/ PULL BOX SOUTHWIRE 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 563 EX.
   PROPOSED TOP OF PAVING 565
3. DISCONNECTION AND REMOVAL OF EXISTING SPRINKLER SYSTEM SHALL BE BY OWNER, PRIOR TO CONSTRUCTION.
4. FOR PORTION OF WORK TO BE DONE BY CITY OF RIVERSIDE REFER TO:
   PUBLIC WORKS BLDG. DWG. NO. R-1176 SHT. 8-10 (ST. IMR.)
   PUBLIC UTILITIES BLDG. DWG. NO. LS-0919 (ST. LIGHTING)
   DWG NO. US-0170 (ELECT. U.G.)

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA
APPROVED BY R. G. Hammett DATE 3-18-69
R.E. NO. 16056

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

MARK	REVISIONS	APPR	DATE

DESIGNED BY ___ DRAWN BY ___ CHECKED BY ___

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

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

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE

Dean N. Ruggs 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