RIVERSIDE CALIFORNIA

PUBLIC WORKS DEPARTMENT

MARKET STREET WIDENING

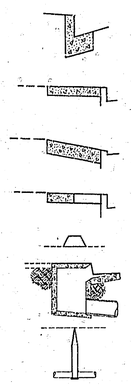
FIRST STREET TO SEVENTH STREET

LENGTH OF PROJECT = 2400 Feet = 0.455 Mile

T.I. = 7

SPECIAL CONSTRUCTION NOTES

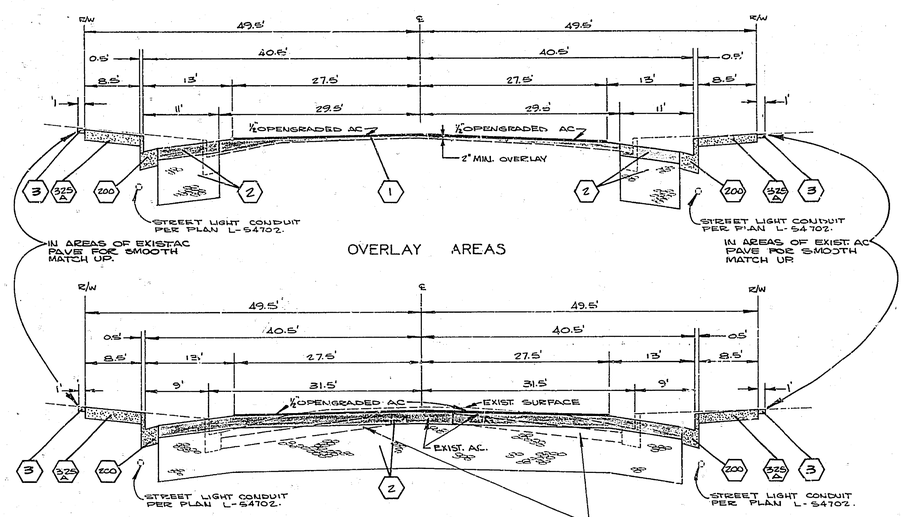
SECTION LEGEND | SHADING LEGEND



- (200) CONST. CURB AND GUTTER PER STD. DWG. 200. CURB FACE AS NOTED ON CURB PROFILES.
- (325 A) CONST. CURB SIDEWALK PER STD. 325 A AND SIDEWALK DETAIL SHOWN ON SHEET 6. BACK OF SIDEWALK TO MEET EXIST. SURFACE.
- (302) CONSTRUCT DRIVEWAY APPROACH PER STD. DWG. 302. DIMENSIONS AS SHOWN ON THE PLAN. FINAL LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
- (326) CONST. TREE WELL PER STD. 326 STATION SHOWN ON PLAN. NO COVERS REQUIRED. WORK INSIDE TREE WELLS TO BE DONE BY OTHERS.
- (250) CONST. ASPHALT CONCRETE BERM PER STD. DWG 250.
- (405) CONST. 4' CATCH BASIN PER STD. DWG. 405. "V" AS NOTED ON PLAN.
- (500) CONST. MANHOLE PER STD. DWG. 500. LOCATIONS SHOWN ON PLAN.
- (1) OVERLAY EXISTING PAVEMENT WITH VARIABLE THICKNESS OF ASPHALT CONCRETE.
- (2) PLACE DG BASE AND/OR ASPHALT CONCRETE PER ALTERNATES SHOWN IN STRUCTURAL SECTION SCHEDULE ON THIS SHEET.
- (3) PAVE WITH 0.30' ASPHALT CONCRETE TO GRADES AS DIRECTED BY ENGINEER.
- (4) ADJUST EXIST MANHOLE TO GRADE.
- (5) REMOVE EXISTING CATCH BASIN TO AT LEAST ONE FOOT BELOW SUB-BASE, AND PLUG EXIST PIPE.
- (L) INDICATES LIMITS OF CONSTRUCTION. MEET EXIST. GRADE
- +51 INSTALL PARKING METER POSTS, AT STATION SHOWN ON PLAN, PER DETAIL ON SHEET 2. CITY WILL REMOVE AND REPLACE METER HEADS. SALVAGED METER POSTS MAY BE USED.

GENERAL CONSTRUCTION NOTES

1. WHERE NEW CONSTRUCTION IS INDICATED:
   a) CLEAR AND GRUB
   b) REMOVE CURB, GUTTER, AND SIDEWALK AND ABANDONED STREET LIGHT BASES.
   c) REMOVE ALL AC & PCC PAVEMENT EXCEPT WHERE OVERLAY OF EXISTING PAVEMENT IS SHOWN ON PLAN.
2. CURB AND GUTTER, SIDEWALK, AND DRIVEWAY REMOVAL SHALL BE TO THE NEAREST CONSTRUCTION JOINT OR AS DIRECTED BY THE ENGINEER.
3. TRANSITION NEW CONSTRUCTION TO MEET EXISTING AS DIRECTED BY THE ENGINEER.
4. EXISTING DRAIN PIPES WHICH EXIT THRU THE CURB SHALL BE REPLACED AS NECESSARY TO EXIT THRU PROP CURB.
5. PLACE OPENGRADED ASPHALT CONCRETE FROM ℄ TO 27.5' ON BOTH SIDES OF ℄ MARKET STREET FOR FULL LENGTH OF PROJECT.
6. TREES IN AREA OF CONSTRUCTION WERE REMOVED IN A PRIOR CONTRACT. STUMPS WERE MILLED TO A DEPTH OF 2' BELOW EXIST. SURFACE.



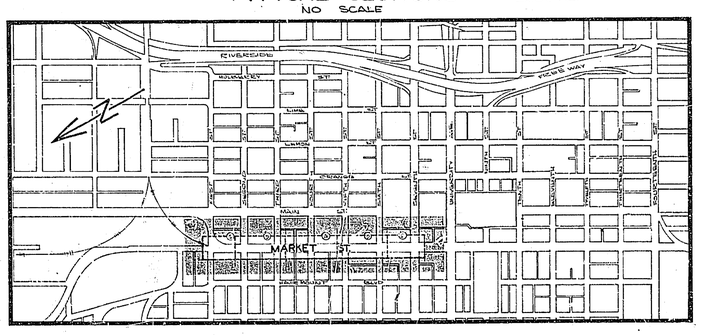
OVERLAY AREAS

PAVEMENT REMOVAL AREAS

STA. 16+19 TO STA. 23+48 REMOVE EXIST. 5" THICK PCC PAVEMENT UNDER EXIST. AC.

TYPICAL SECTIONS

NO SCALE



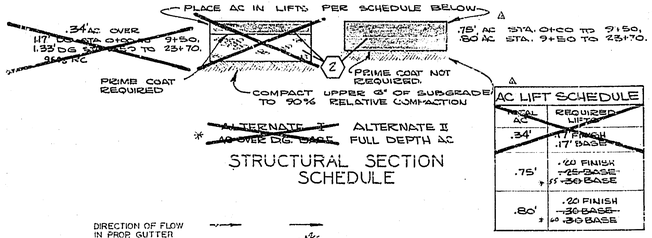
PROJECT LOCATION MAP

0 500 1000 2000 3000 4000 5000 FEET

SCALE 1" = 800'

SIZE	ALT.	TYPE	BEDDING
15"	~~1~~	~~CMP-2000-D~~	~~STD. 4A-CASE I~~
	2	ACP-3000-D (PLASTIC JOINT)	STD. 452-CASE I

PIPE ALTERNATE SCHEDULE



TOTAL AC	REQUIRED LIFTS
~~.34'~~	~~.17' FINISH .17' BASE~~
.75'	.20 FINISH .25 BASE .30 BASE
.80'	.20 FINISH .30 BASE .30 BASE

AC LIFT SCHEDULE

* ~~ALTERNATE I AC OVER DG BASE~~ ALTERNATE II FULL DEPTH AC

STRUCTURAL SECTION SCHEDULE

DIRECTION OF FLOW IN PROP GUTTER
GRADE CONTROL LINE — GCL
CONSTRUCTION CENTER LINE — CONST. ℄
RIGHT-OF-WAY LINE — R/W
SUBDIVISION LOT LINE — ℄
PROPOSED TOP OF SLOPE
PROPOSED TOE OF SLOPE
PROPOSED DIRECTION OF FLOW

EXISTING CULTURE & UNDERGROUND LEGEND

EXISTING UNDERGROUND UTILITIES

SANITARY SEWER	8"VCP — S	TELEPHONE CONDUIT	T — T
WATER LINE	8"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
- STREET LIGHT
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL ON MAST ARM
- TRAFFIC CONTROL BOX
- WATER METER
- FIRE HYDRANT
- SPRINKLER HEAD
- WATER VALVE
- GAS VALVE
- HYDRANT OR FAUCET
- GAS METER
- MAIL BOX
- ELECTICAL CONDUIT IN CROSS SECTION
- CONCRETE
- ASPHALT
- EDGE OF PAVEMENT
- BUILDING
- OVERHANGING STRUCTURE
- TREE
- PALM
- SHRUBBERY
- REMOVED IN PRIOR CONTRACT
- BLOCK WALL
- BOARD FENCE
- WIRE FENCE
- CHAIN LINK FENCE
- TOP OF SLOPE
- TOE OF SLOPE
- DIRECTION OF FLOW

REVISIONS

△ All AC lift schedule and changes AN II Jan 1965. By [illegible]

* AS BUILT 8-27-71 BDM

MARKET STREET WIDENING
FIRST ST. TO SEVENTH ST.

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	[illegible]	5/15
PARK DEPARTMENT	[illegible]	5/17
TRAFFIC DIVISION	–	–
CHIEF PUB. WKS. ENGR.	[illegible]	5/25

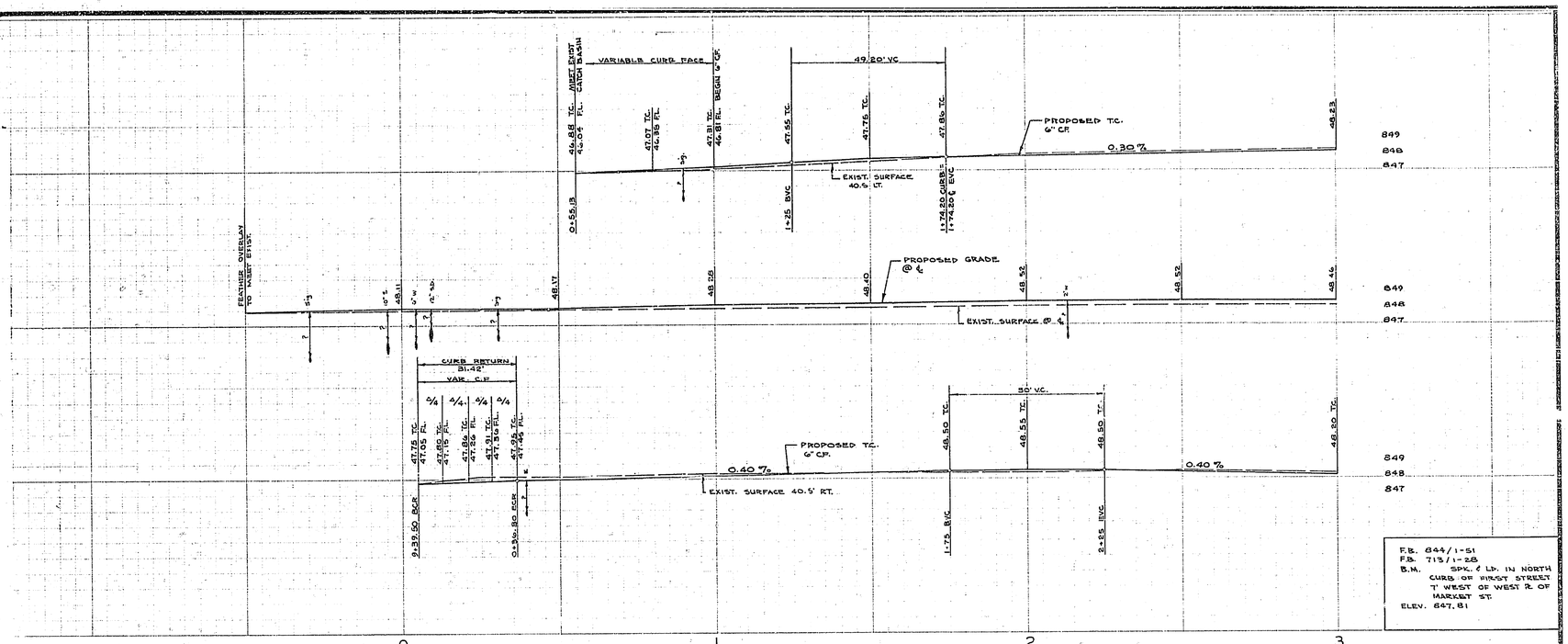
APPROVED BY — DIRECTOR OF PUBLIC WORKS — DATE

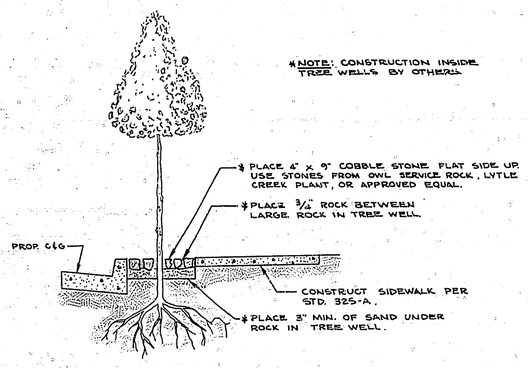
ACCOUNT Nº 321

DRAWING NUMBER R-1250

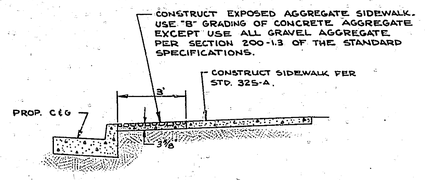
SHEET 1 OF 6

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

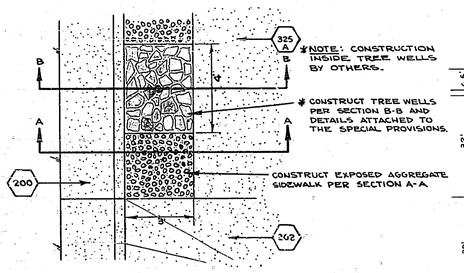




SECTION B-B

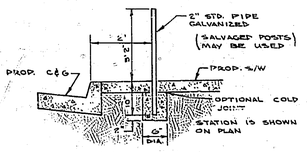


SECTION A-A

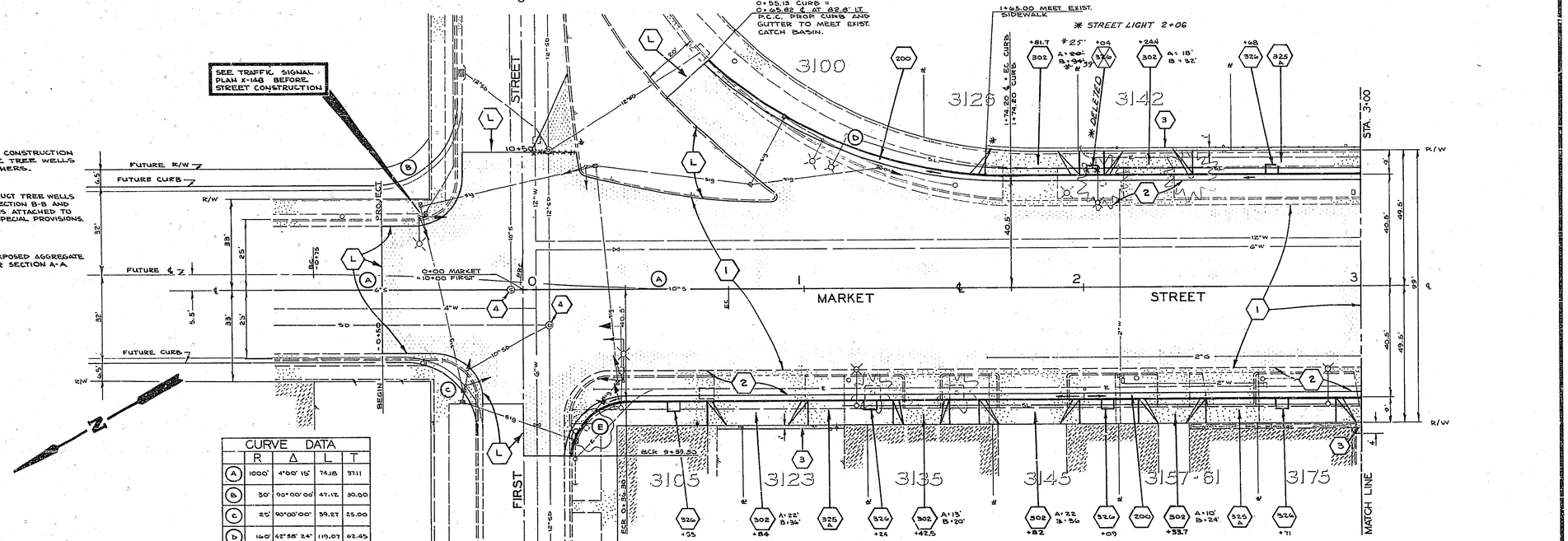


SIDEWALK ALTERNATE DETAIL

SCALE: 1" = 3'



PARKING METER DETAIL



CURVE DATA				
	R	Δ	L	T
A	1000'	4°00' 15"	74.18	37.11
B	30'	90°00'00"	47.12	30.00
C	25'	90°00'00"	39.27	25.00
D	160'	42°58' 24"	119.97	62.45
E	20'	90°00'00"	31.42	20.00
F	35'	90°00'00"	54.98	35.00

* AS BUILT 8-27-71 BDM TE

MARK	REVISIONS	APPR.	DATE
1	STREET LIGHTS ADD PER PLAN LS-4702		4-6-70

DESIGNED BY BR DRAWN BY CHECKED BY LL

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

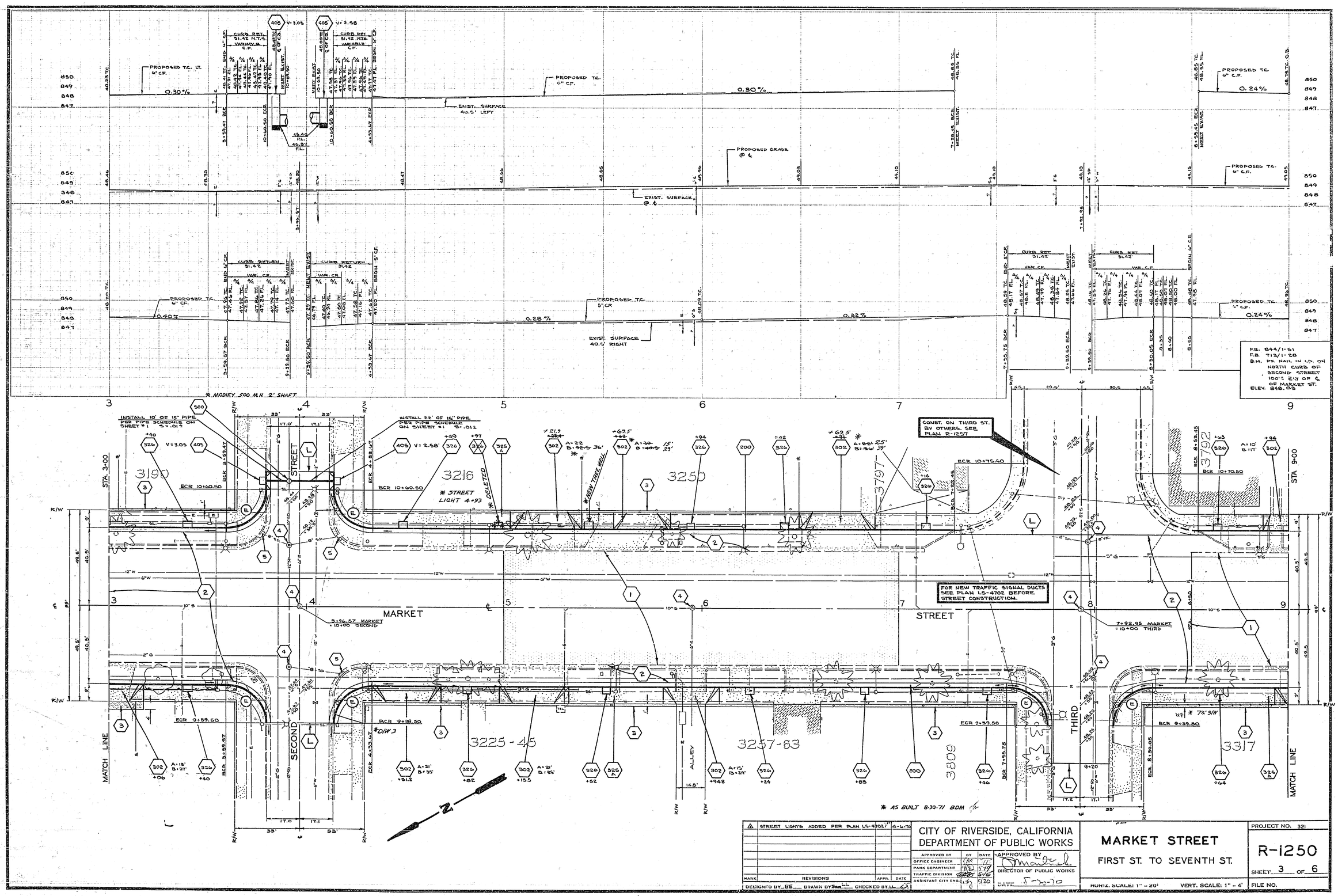
APPROVED BY	BY	DATE
OFFICE ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
ASSISTANT CITY ENG.		

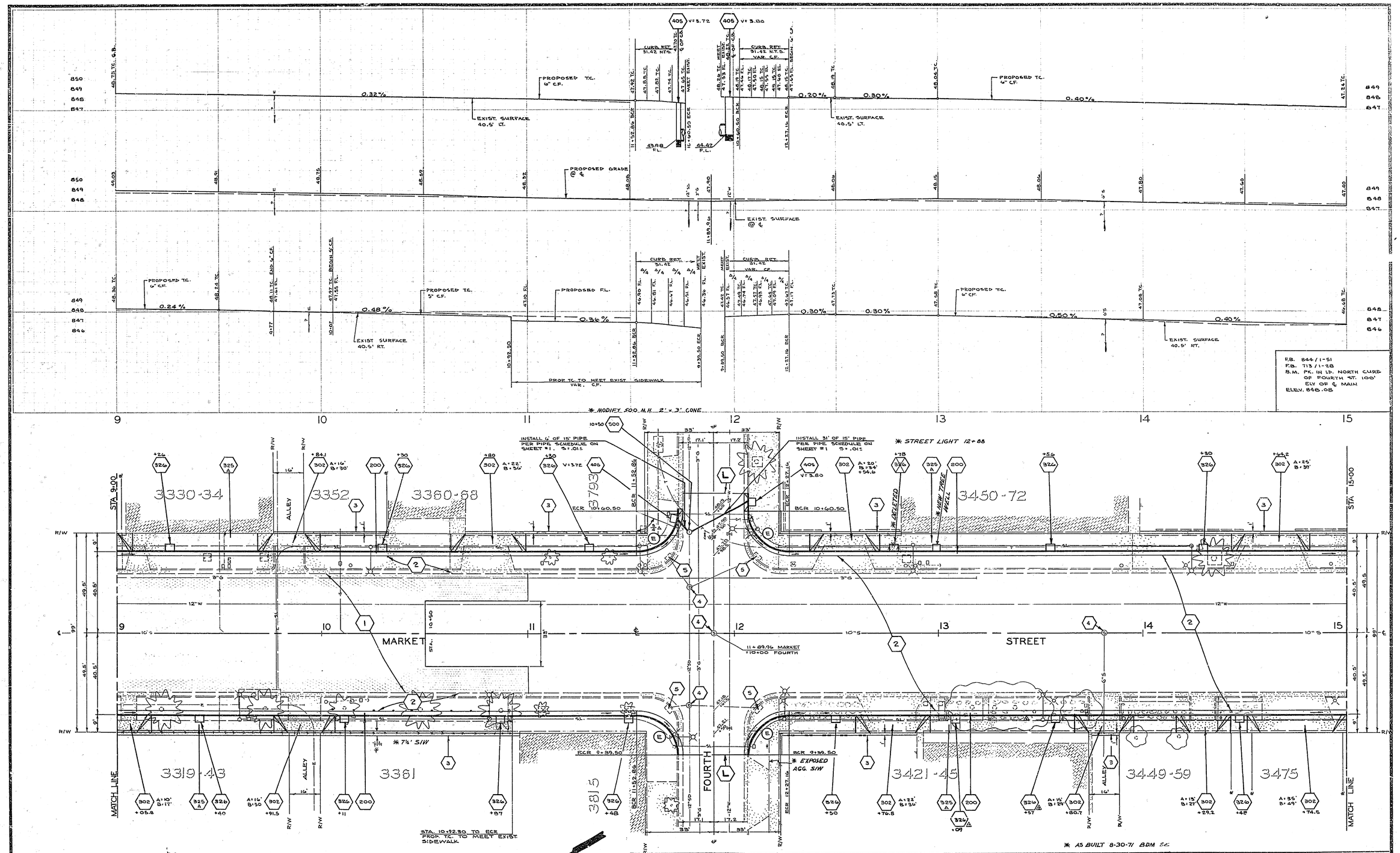
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 5-20-70

MARKET STREET
FIRST ST. TO SEVENTH ST.

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

PROJECT NO. 321
R-1250
SHEET 2 OF 6
FILE NO.


PROPOSED T.C. LT. 6" C.F.
0.30%
PROPOSED T.C. 6" C.F.
0.50%
EXIST. SURFACE 40.5' LEFT
PROPOSED GRADE @ ℄
EXIST. SURFACE @ ℄
PROPOSED T.C. 6" C.F.
0.24%
PROPOSED T.C. 6" C.F.
0.40%
PROPOSED T.C. 5" C.F.
0.28%
0.32%
EXIST. SURFACE 40.5' RIGHT
CURB RET. 51.42 N.T.S.
CURB RETURN 51.42
VAR. C.F.
* MODIFY 500 M.H. 2' SHAFT
F.B. 844/1-51
F.B. 713/1-28
B.M. PK NAIL IN I.D. ON NORTH CURB OF SECOND STREET 100'± E.W OF ℄ OF MARKET ST.
ELEV. 848.83
INSTALL 10' OF 15" PIPE PER PIPE SCHEDULE ON SHEET #1 S=.012
INSTALL 22' OF 15" PIPE PER PIPE SCHEDULE ON SHEET #1 S=.012
CONST. ON THIRD ST. BY OTHERS. SEE PLAN R-1257
* STREET LIGHT 4+93
* DELETED
* NEW TREE WELL
FOR NEW TRAFFIC SIGNAL DUCTS SEE PLAN LS-4702 BEFORE STREET CONSTRUCTION.
MARKET
STREET
SECOND
THIRD
ALLEY
MATCH LINE
STA. 3+00
STA. 9+00
3190
3216
3250
3797
3792
3225-45
3257-63
3809
3317
3+26.57 MARKET = 10+00 SECOND
7+92.95 MARKET = 10+00 THIRD
* D/W 3
* 7½' S/W
* AS BUILT 8-30-71 BDM
STREET LIGHTS ADDED PER PLAN LS-4702 4-6-70
REVISIONS
DESIGNED BY BE DRAWN BY CHECKED BY LL
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 5-30-70
MARKET STREET
FIRST ST. TO SEVENTH ST.
PROJECT NO. 321
R-1250
SHEET 3 OF 6
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'
FILE NO.



—CAUTION—
PACIFIC TELEPHONE
CABLES UNDERGROUND
BEFORE EXCAVATING
CALL COLLECT:
7:00 A.M. to 3 P.M. | After Hours & Holidays
Orange County 714-633-0811 | 714-547-6606
Riverside County 714-684-0071 | 714-547-6606

MARK	REVISIONS	APPR.	DATE
2	STREET LIGHTS ADDED PER LS-4702		4-6-70
1	ADDED OR DELETED TREEWELL		7-15-70

DESIGNED BY S.E. DRAWN BY S.W.L. CHECKED BY L.L.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

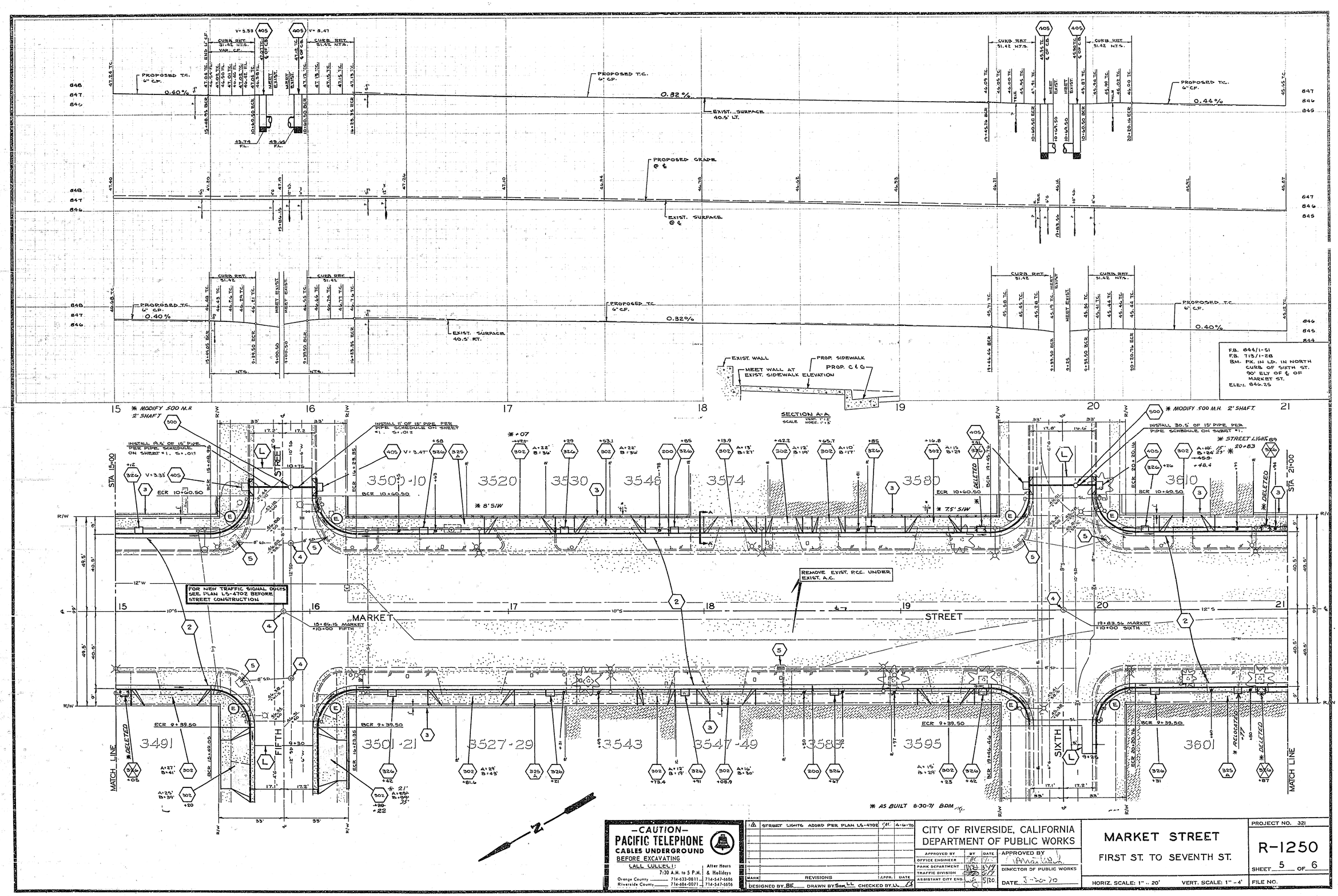
APPROVED BY	BY	DATE
OFFICE ENGINEER		5-15
PARK DEPARTMENT		5-19
TRAFFIC DIVISION		5-12
ASSISTANT CITY ENG.		5-20

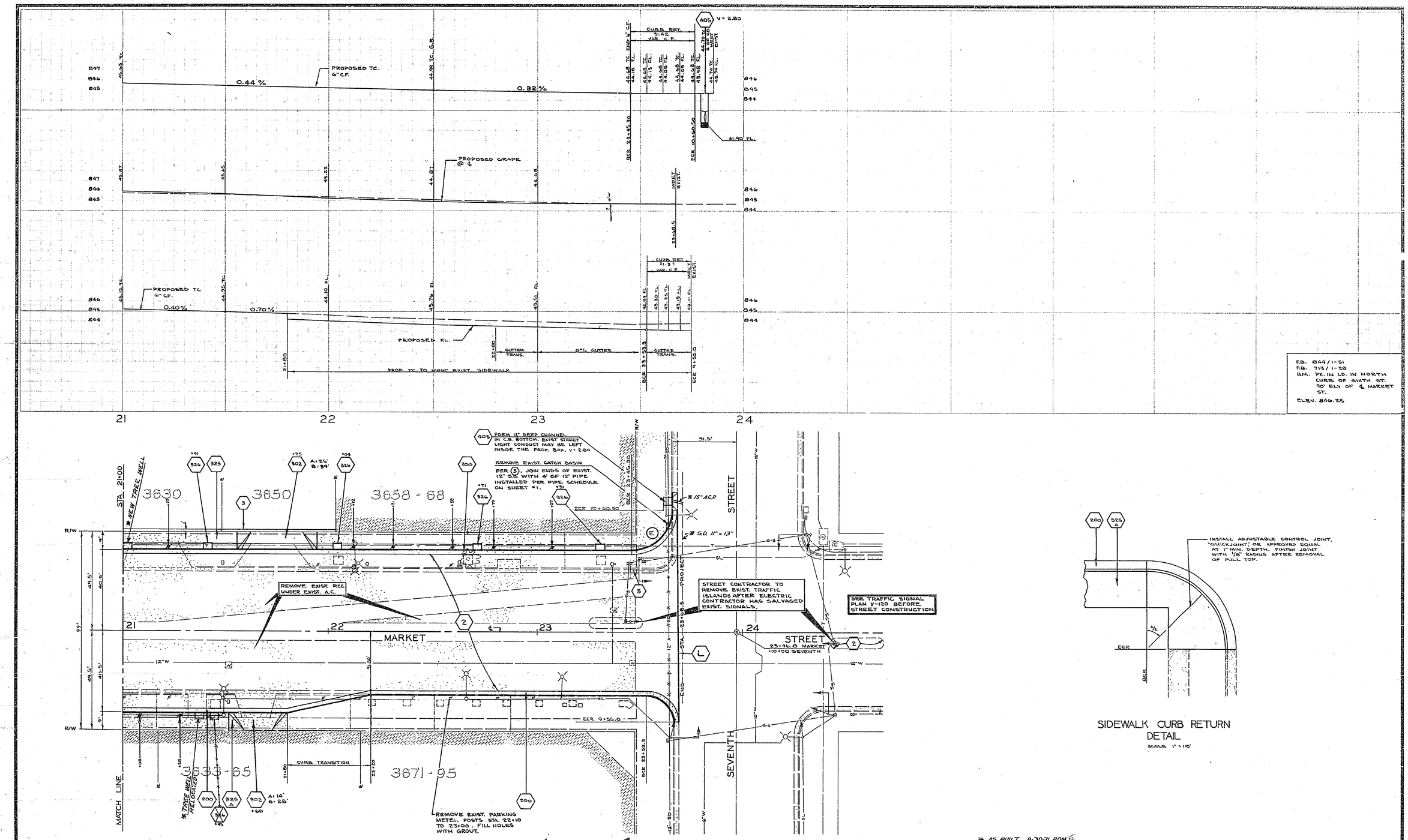
APPROVED BY: DIRECTOR OF PUBLIC WORKS
DATE

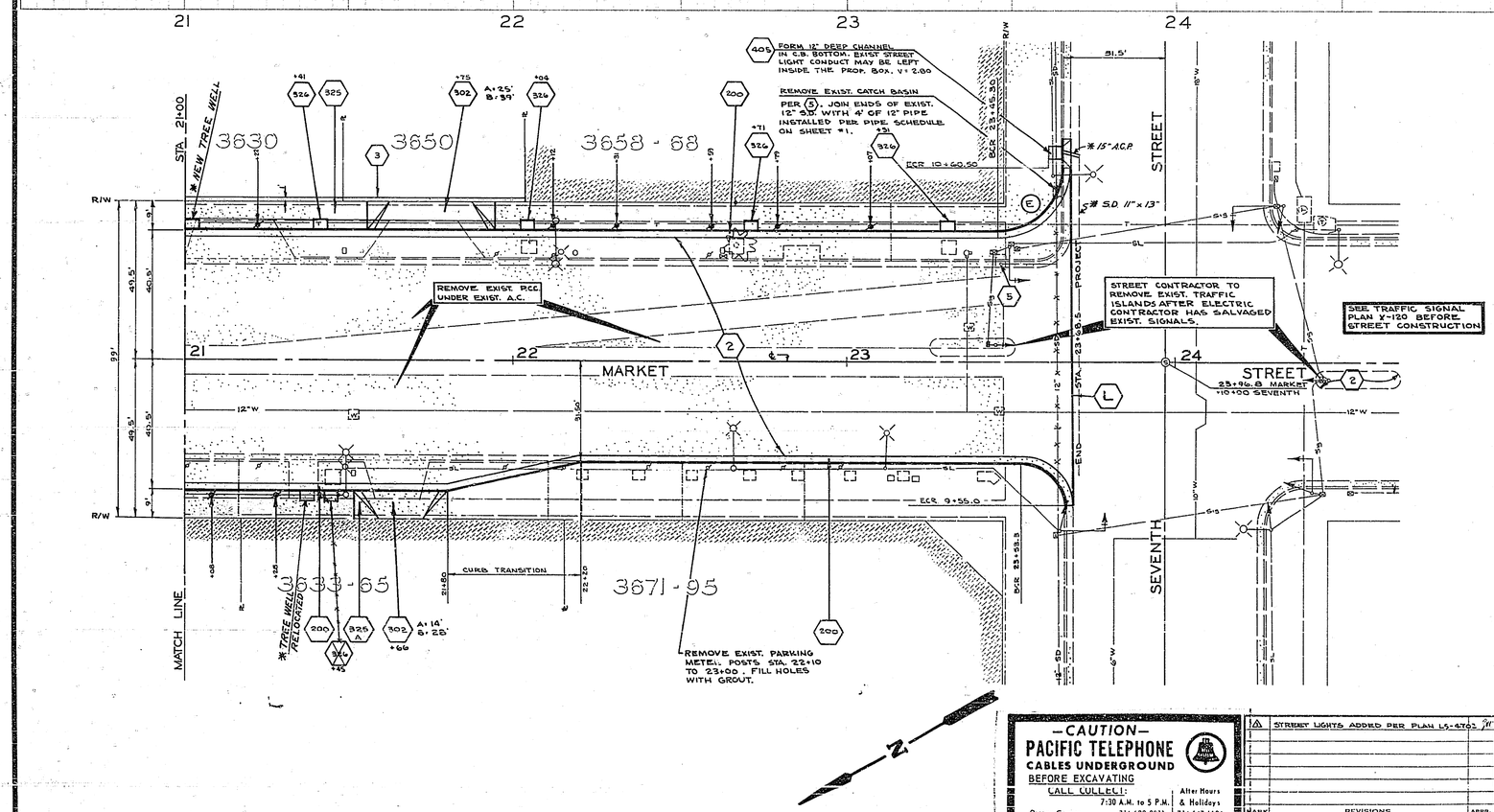
MARKET STREET
FIRST ST. TO SEVENTH ST.

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

PROJECT NO. 321
R-1250
SHEET 4 OF 6
FILE NO.


PROPOSED T.C. 6" C.P.
0.40%
0.32%
0.44%
EXIST. SURFACE 40.5' LT.
PROPOSED GRADE @ ℄
EXIST. SURFACE @ ℄
CURB RET. 31.42 N.T.S.
MEET EXIST.
EXIST. WALL
PROP. SIDEWALK
MEET WALL AT EXIST. SIDEWALK ELEVATION
PROP. C & G
SECTION A-A
SCALE VERT. 1"=2' HORIZ. 1"=3'
F.B. 844/1-51
F.B. 713/1-28
B.M. PK. IN LD. IN NORTH CURB OF SIXTH ST. 90' ELY OF ℄ OF MARKET ST.
ELEV. 846.25
* MODIFY 500 M.H. 2' SHAFT
INSTALL 10.5' OF 15" PIPE PER PIPE SCHEDULE ON SHEET #1. S=.012
INSTALL 11' OF 15" PIPE PER PIPE SCHEDULE ON SHEET #1. S=.012
INSTALL 30.5' OF 15" PIPE PER PIPE SCHEDULE ON SHEET #1.
* STREET LIGHT
FOR NEW TRAFFIC SIGNAL DUCTS SEE PLAN LS-4702 BEFORE STREET CONSTRUCTION
REMOVE EXIST. P.C.C. UNDER EXIST. A.C.
MARKET STREET
FIFTH
SIXTH
STA. 15+00
STA. 21+00
MATCH LINE
* DELETED
* RELOCATED
* AS BUILT 8-30-71 BDM
* 8' S/W
* 7.5' S/W
3491
3501-21
3527-29
3543
3547-49
3583
3595
3601
3500-10
3520
3530
3546
3574
3580
3610
-CAUTION-
PACIFIC TELEPHONE
CABLES UNDERGROUND
BEFORE EXCAVATING
CALL COLLECT:
7:30 A.M. to 5 P.M.
After Hours & Holidays
Orange County 714-633-0811 714-547-6606
Riverside County 714-684-0071 714-547-6606
MARK REVISIONS APPR. DATE
1 STREET LIGHTS ADDED PER PLAN LS-4702 4-6-70
DESIGNED BY BE DRAWN BY LL 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
MARKET STREET
FIRST ST. TO SEVENTH ST.
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'
PROJECT NO. 321
R-1250
SHEET 5 OF 6
FILE NO.





SIDEWALK CURB RETURN DETAIL

SCALE 1" = 10'

* AS BUILT 8-30-71 BDM

—CAUTION—
PACIFIC TELEPHONE
CABLES UNDERGROUND
BEFORE EXCAVATING
CALL COLLECT:
7:30 A.M. to 5 P.M. | After Hours & Holidays
Orange County 714-633-0811 | 714-547-6606
Riverside County 714-684-0071 | 714-547-6606

MARK	REVISIONS	APPR.	DATE
1Δ	STREET LIGHTS ADDED PER PLAN LS-4702	JV	4-6-70

DESIGNED BY BE DRAWN BY Sam LL CHECKED BY LL

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER	[illegible]	5/7
PARK DEPARTMENT	[illegible]	5-7-70
TRAFFIC DIVISION	[illegible]	5-7-70
ASSISTANT CITY ENG.	[illegible]	5/20

APPROVED BY [signature]
DIRECTOR OF PUBLIC WORKS
DATE 5-20-70

MARKET STREET
FIRST ST. TO SEVENTH ST.

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

PROJECT NO. 321
R-1250
SHEET 6 OF 6
FILE NO.