RIVERSIDE CALIFORNIA

PUBLIC WORKS DEPARTMENT

MARKET STREET WIDENING

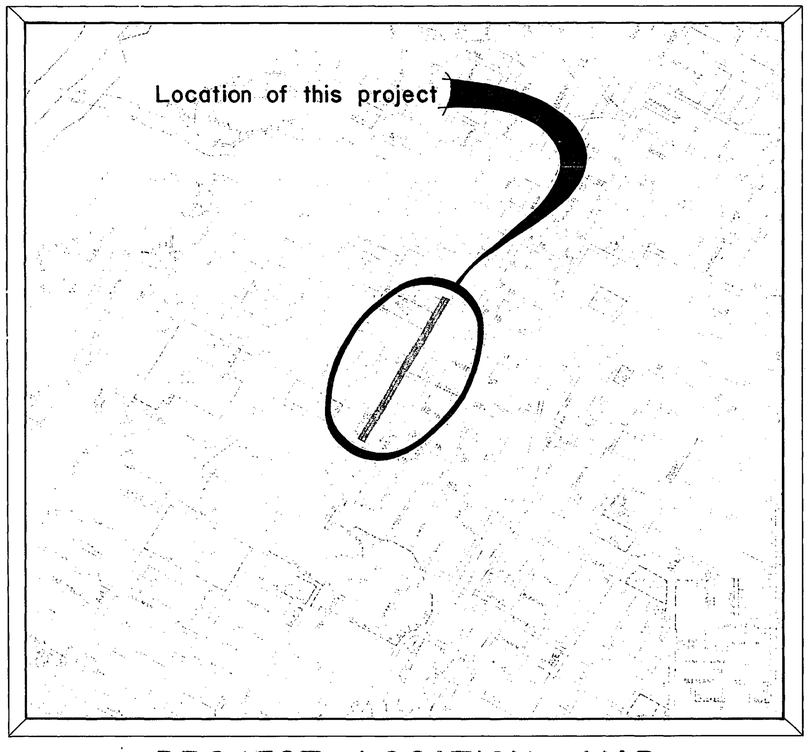
8th Street to 14th Street

SELECT SYSTEM PROJECT NO. 268

LENGTH OF PROJECT = 2369.81 Feet = 0.449 Mile

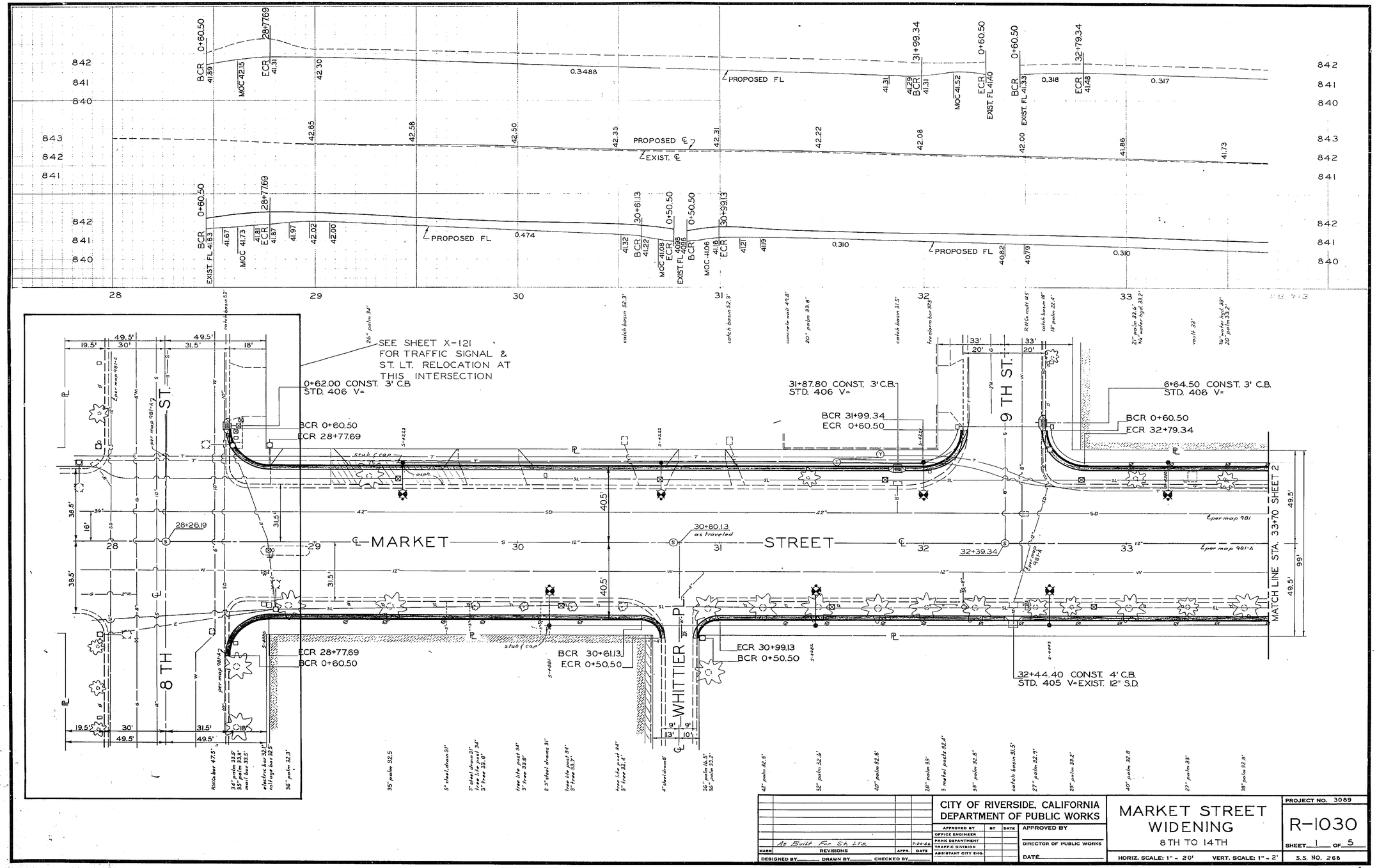
INDEX OF SHEETS

PROJECT NO.	DRAWING NO.	SHEET NO.	SHEET TITLE
3089	R-1030	1	Plan & Profile, Sta. 28+38.19 to Sta. 33+70
		2	Plan & Profile, Sta. 33+70 to Sta. 39+75
		3	Plan & Profile, Sta. 39+75 to Sta. 45+80
		4	Plan & Profile, Sta. 45+80 to Sta. 51+75
		5	Plan & Profile, Sta. 51+75 to Sta. 52+08, & Details, Sections, Legend, Symbols & Notes
3089	R-1030-A	1	Traffic Signal Revisions, Intersection Plans at 7th & 8th Street
		2	Traffic Signal Revisions, Intersection Plans at 10th & 12th Street
		3	Traffic Signal Revisions, Intersection Plan at 14th & Market Street
3089	R-1030-B	1	Street Light Plan, Sta. 28+26.19 to Sta 33+70, & Details
		2	Street Light Plan & Profile, Sta. 33+70 to Sta. 39+75
		3	Street Light Plan & Profile, Sta. 39+75 to Sta. 45+80
		4	Street Light Plan & Profile, Sta. 45+80 to Sta. 51+75
		5	Street Light Plan & Profile, Sta. 51+75 to Sta. 53+00



PROJECT LOCATION MAP

R-1030



As Built For St. Lts.			7-24-66
MARK	REVISIONS	APPR.	DATE

DESIGNED BY ____ DRAWN BY ____ CHECKED BY ____

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

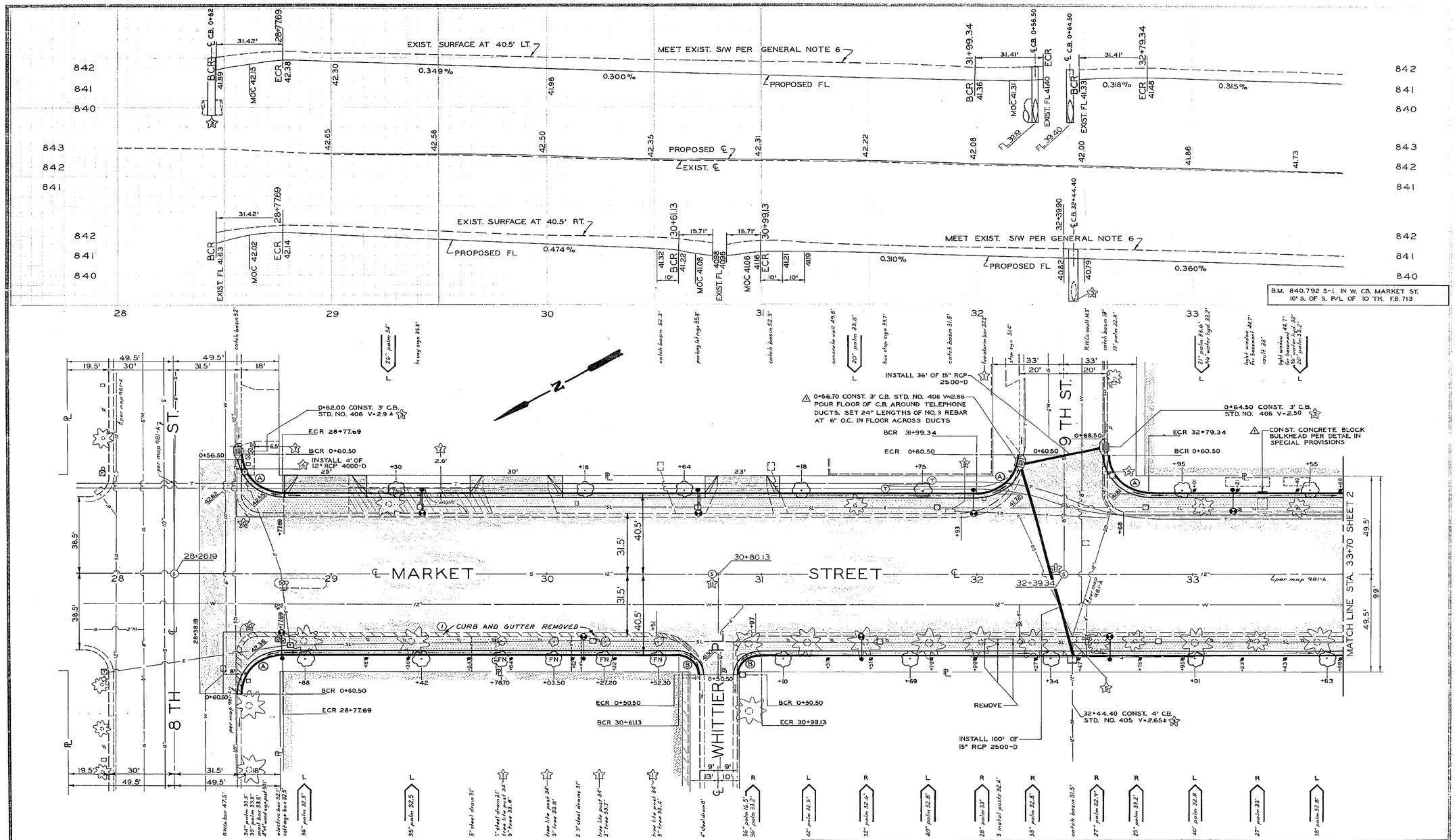
APPROVED BY	BY	DATE
OFFICE ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
ASSISTANT CITY ENG.		

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE ____

MARKET STREET WIDENING
8TH TO 14TH

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

PROJECT NO. 3089
R-1030
SHEET 1 OF 5
S.S. NO. 268



SEE SHEET 5
FOR NOTES AND LEGEND
AND TYPICAL SECTION

MARK	REVISIONS	APPR.	DATE
2	Per State Review	ESP	11-12-65
1	AS BUILT	SE	6/28/66

DESIGNED BY ES DRAWN BY Sam CHECKED BY JHK

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER	EGE	11-12-65
PARK DEPARTMENT	RS	11-12-65
TRAFFIC DIVISION	GCE	11-12-65
ASSISTANT CITY ENG.	ORJ	10-5

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 10-6-65

MARKET STREET WIDENING
8TH TO 14TH

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

PROJECT NO. 3089
R-1030
SHEET 1 OF 5
S.S. NO. 268

EXIST. SURFACE AT 40.5' LT.

PROPOSED FL

0.306%

0.318%

0.338%

MEET EXIST. S/W PER GENERAL NOTE 6

PROPOSED FL

0.338%

PROPOSED ℄

EXIST. ℄

MEET EXIST. S/W PER GENERAL NOTE 6

0.622%

0.320%

0.340%

PROPOSED FL

0.410%

0.334%

EXIST. SURFACE AT 40.5' RT.

0.335%

PROPOSED FL

0.340%

834.0± FL OF EXIST. 30"x45" PIPE

BCR 33+79.54 40.32

ECR 33+95.15 40.15

BCR 34+17.54 40.01

ECR 34+17.54 40.01

℄ C.B. 34+22.04

BCR 35+96.12 40.45

BCR 35+99.12 40.45

MOC 40.32

EXIST. FL 40.08

BCR 36+73.12 40.13

MOC 40.37

ECR 36+73.12 40.50

℄ C.B. 38+91 39.77

℄ C.B. 38+95.50 39.73

34 35 36 37 38 39

vault bor 32.4'

14" water hyd 33.5' 18" palm 33.7' iron rail 34.6'

13 4" metal pipe rail

vault 32' 16" water hyd 32' parking lot sign 35'

21" palm 33.5' parking lot sign 34.7'

35" palm 33.5' 16" water hyd 37.3'

bar stop sign 34'

14" water hyd 37.2' 21" palm 33.2' bar stop sign 38.4'

catch basin 31.5' R.W.Co. box 14.5'

catch basin 20' 16" water hyd 24' 24"x 24" x 21.1' gas stop 21.1' 16" palm 32.9'

catch basin 20'

18" palm 35.3'

18" palm 36'

18" palm 35.6'

12"x6" wye gas vent 36.1' 18" palm 36.1' 4"x4" hwy sign 36.1'

18" palm 36.5'

18" palm 36.3'

0+67.00 CONST. 3' C.B. STD. NO. 406 V=2.0±

① INSTALL 12' OF 12" RCP

BCR 35+96.12

ECR 0+60.50

0+60.50

0+64.50 CONST. 3' C.B. STD. NO. 406 V=1.7'

① 22' INSTALL 49' OF 8" RCP 4000-D CONNECT TO EXIST. 8" VCP

ECR 36+76.12

BCR 0+60.50

0+60.50

BCR 33+79.54

ECR 0+50.50

REMOVE EXIST. X-GUTTER, CURB & GUTTER

HIDALGO PL.

34+22.04 CONST. 4' C.B. STD. NO. 405 V=6.50±

BCR 0+50.50

ECR 34+17.54

CONST. 4' WIDE X-GUTTER STD. NO. 221

BEGIN S/W REPLACEMENT

ADJUST MH TO D/W GRADE. TOP OF MH TO BE AT FL OF GUTTER. 3.3' TO ARCH OF MH. SHAPE PAVING AS DIRECTED.

USE CAUTION EXCAVATING OVER SD. CONTRACTOR RESPONSIBLE FOR DAMAGE TO EXISTING FACILITIES.

END S/W REPLACEMENT

BCR 0+60.50

ECR 36+73.12

BEGIN S/W REPLACEMENT

① 18' INSTALL 44' OF 15" RCP 2500-D

38+95.50 CONST. 4' C.B. STD. NO. 405 V=4.0'

END S/W REPLACEMENT

LEAVE 5' OPENING AT ℄ OF MH IN CURB & GUTTER FOR CONST. BY TELEPHONE CO.

LEAVE 5' OPENING AT ℄ OF MH IN CURB & GUTTER FOR CONST. BY TELEPHONE CO.

MARKET STREET

10TH ST.

① EXIST S.D. MH.

① CURB AND GUTTER REMOVED

① CURB AND GUTTER REMOVED

EXIST STORM DITCH COVERED LOWER CANAL

MATCH LINE STA. 33+70 SHEET 1

MATCH LINE STA. 39+75 SHEET 3

27" tree 18.2' sprinkler head 18.7' 12" palm 17.5' 20" palm 32.9' 30" palm 32.9'

36" palm 32.6'

metal cap 38.6' (Burn-off valve)

40" palm 37.5'

36" palm 32.3'

catch basin 31.5'

metal cap 40.2' (possible gas vent) metal pole for 4th south 49' R.W.Co. box 49' R.W.Co. box 16' Pg'ng "H" 41.3'

12" pepper tree 20.6' 24" palm 20.6'

24" palm 36.1'

20" palm 36'

18" palm 36'

metal c'struction canopy 38.1'

4"x5" wood bumper 18.1'

20" palm 36.5'

18" palm 36.2'

SEE D-139 FOR STORM DRAIN COVER DETAIL

SEE SHEET 5 FOR NOTES AND LEGEND AND TYPICAL SECTION

MARK	REVISIONS	APPR.	DATE
⚠	Per State Review	GEC	11-12-65
⚠	NEW LOCATION EXIST. STORM DRAIN	GEC	2-14-66
①	AS BUILT	BE	6-24-66

DESIGNED BY ____ DRAWN BY Somu CHECKED BY GEC

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER	GEC	10-4-65
PARK DEPARTMENT	BS	10-4-65
TRAFFIC DIVISION		
ASSISTANT CITY ENG.		

APPROVED BY _____ DIRECTOR OF PUBLIC WORKS

DATE 10-4-65

MARKET STREET WIDENING
8TH TO 14TH

3089

R-1030

2 5

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

S.S. NO. 268

MEET EXIST. S/W PER GENERAL NOTE 6

EXIST. SURFACE AT 40.5' LT.

EXIST. SURFACE AT 40.5' RT.

PROPOSED S/W

MEET EXIST. S/W PER GENERAL NOTE 6

PROPOSED FL

EXIST. ℄

PROPOSED ℄

0.339%

0.317%

0.317%

1.48%

0.301%

1.69%

1.42%

BCR 39+92.81 39.49

ECR EXIST. FL 39.38 ℄ C.B. 0+64.50

BCR 39.82

MOC 39.92

ECR 40+72.71 40.02

BCR 43+88.05 43+92.05 39.00

TC 39.60

39.24

ECR EXIST. FL 39.30

℄ C.B. 0+55

44+69.35

BCR 38.30 38.28

38.32

ECR 38.28

38.22

38.13

37.98

37.24

FL 37.28

FL 37.05

FL 46.48

FL 34.80

39.44

38.94

38.21

40.56 40.62 40.50 40.31 40.19 40.08 39.98 39.79 39.67

BCR 39+92.81 TC 40.41

TC 40.32

31.42'

10'

BCR 39.98 39.91

39.65

ECR EXIST. FL 39.16

BCR 39.10

MOC 39.51

TC 40.17

40+72.71 TC 40.22

ECR 39.72

39.80

39.63

BCR 43+92.65 38.90

TC 39.40

38.78

ECR EXIST. FL 38.47

44+66.55

BCR 38.48 38.62 38.68 38.66 38.57

ECR 38.57

38.01

37.30

40 41 42 43 44 45

6" palm 36.2' | catch basin | metal sign post 48' | 27" palm 34.7' | 16" water hyd. 37' 30" palm 36.3' | metal sign post 48' | 24" palm 33.5' | 30" palm 34.5' 24" palm 34.2' 16" water hyd. 38' | 24" palm 34.1' flood light pole 38' | metal sign post 48.3' mail box | 30" palm 34' | 30" palm 34' metal sign post 47.5' flood light pole 49.5' | mail box 39.3' metal sign post 46.2' | 18" palm 35.5' | 16" palm 36.4' | flood light pole 47.4' | 16" palm 34.9' 12"x8" wood sign post 48.1'

INSTALL 36' OF 15" RCP 2500-D

0+64.50 CONST. 3' C.B. STD. NO. 406 V=2.70

BCR 39+92.81

ECR 0+60.50

0+56.50 CONST. 3' C.B. STD. NO. 406 V=3.3

INSTALL 45' OF 18" RCP 1750-D

ECR 40+72.71

BCR 0+60.50

43+88.05 CONST. 3' C.B. STD. NO. 406 V=3.0

1+00 MEET EXIST. C.B.

REPLACE D/W FROM CONST. JOINT

INSTALL 16' OF 15" RCP 2500-D

BCR 43+92.05

ECR 0+60.50

INSTALL 6' OF 15" RCP 2500-D

0+55.00 CONST. 3' C.B. STD. NO. 406 V=4.0

ECR 44+69.35

BCR 0+60.50

LEAVE 5' OPENING AT ℄ OF MH IN CURB & GUTTER FOR CONST. BY TELEPHONE CO.

REPLACE D/W TO INDICATED CONST. JOINT AS DIRECTED

CONST 39' OF CURB STD. NO. 200 C.F. VARIES 0 TO 12"

ST. 8TH ST. 12TH

MARKET STREET

MATCH LINE STA. 39+75 SHEET 2

MATCH LINE STA. 45+80 SHEET 4

40+33.21

44+29.35

CURB AND GUTTER REMOVED

REMOVE EXIST. CURB & GUTTER

BCR 0+60.50 START S/W REPLACEMENT

ECR 40+72.71

REMOVE CONCRETE VAULT TO BELOW SUB-GRADE, AND BACKFILL REMAINDER

42+39.70 END S/W REPLACEMENT

ECR 0+60.50 BCR 39+92.81

ECR 0+60.50 BCR 43+92.65

BCR 0+60.50 ECR 44+66.55

20" palm 36' catch basin 31.5' | palm 30.2' 24" palm 23.4' | 24" palm 21.7' 24" palm 48' | 30"dead end sign 31.5' | 17" palm 31.5' | palm 36.2' | 36" water hyd. 34.4' | 17" palm 36.2' | gas tank fill pipe 39.7' vault manhole 39.3' 4 vent pipes at rock | 18" palm 34.9' | bottle sign | 17" palm 35.9' | gas tank fill pipe 40.1' vault manhole 39.8' 4 vent pipes at rock | gas tank fill pipe 40.3' underground fuel tank 4 filling outlets and 4 vent pipes | metal sign post 48.7' catch basin 31.5' 24" RCP 48.2' | 38" palm 35.8' | 10" palm 36.5' flood light pole 38.5' | awning of marquee 37.6'

SEE SHEET 5 FOR NOTES AND LEGEND AND TYPICAL SECTION

MARK	REVISIONS	APPR.	DATE
A	Per State Review-SD Revisions	EEC	11-12-65
B	PER CHANGE ORDER No. 3	EEC	2-24-66
C	AS BUILT	EEC	6-27-66

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

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER	[illegible]	10-6-65
PARK DEPARTMENT	[illegible]	10-6-65
TRAFFIC DIVISION	[illegible]	10-6-65
ASSISTANT CITY ENG.	[illegible]	10-6-65

APPROVED BY [illegible] DIRECTOR OF PUBLIC WORKS

DATE 10-6-65

MARKET STREET WIDENING
8TH TO 14TH

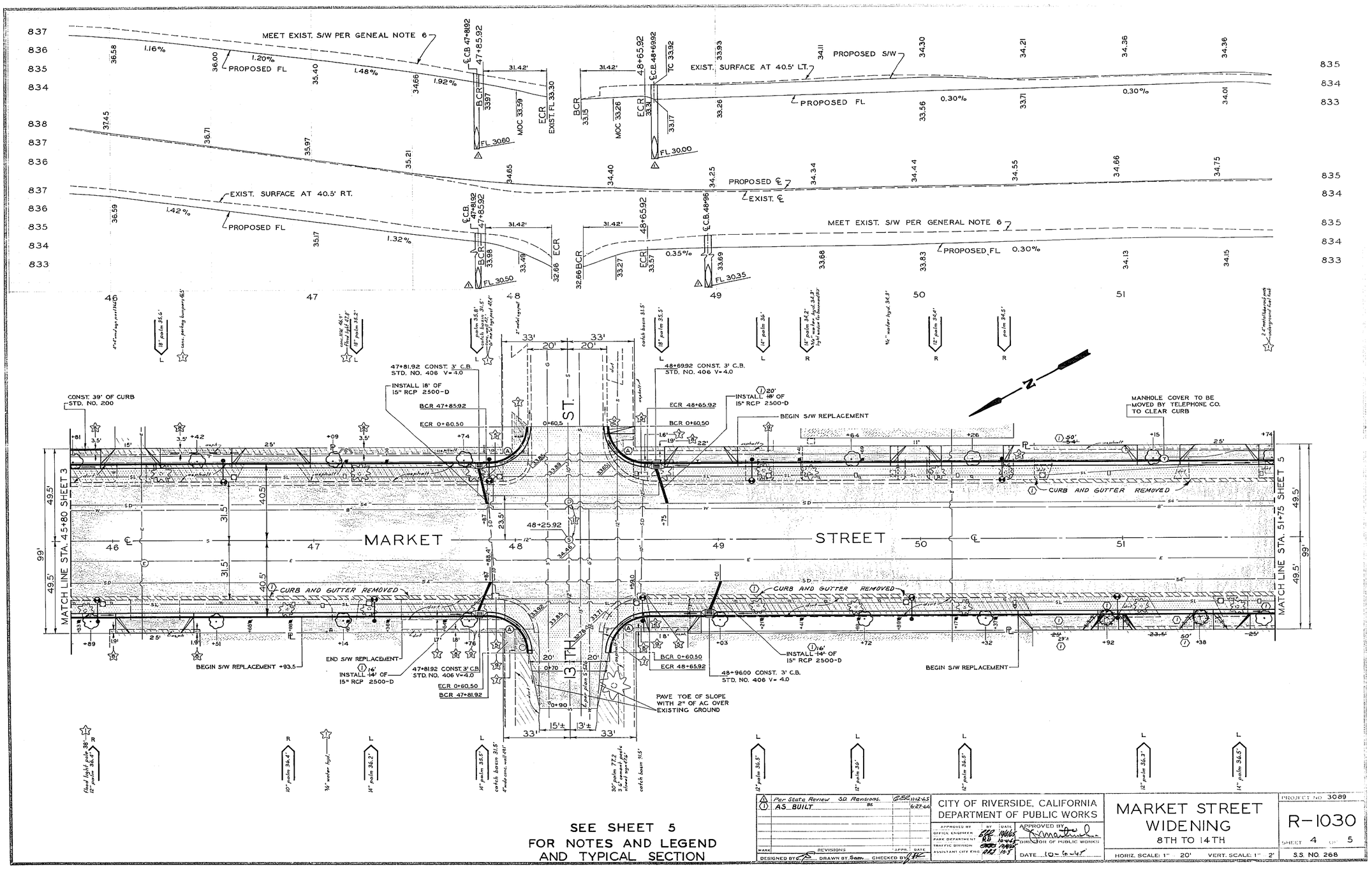
PROJECT NO. 3089

R-1030

3 5

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

S.S. NO. 268



SEE SHEET 5
FOR NOTES AND LEGEND
AND TYPICAL SECTION

MARK	REVISIONS	APPR.	DATE
2	Per State Review SD Revisions.	GEE	11-12-65
1	AS BUILT	BS	6-27-66

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

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

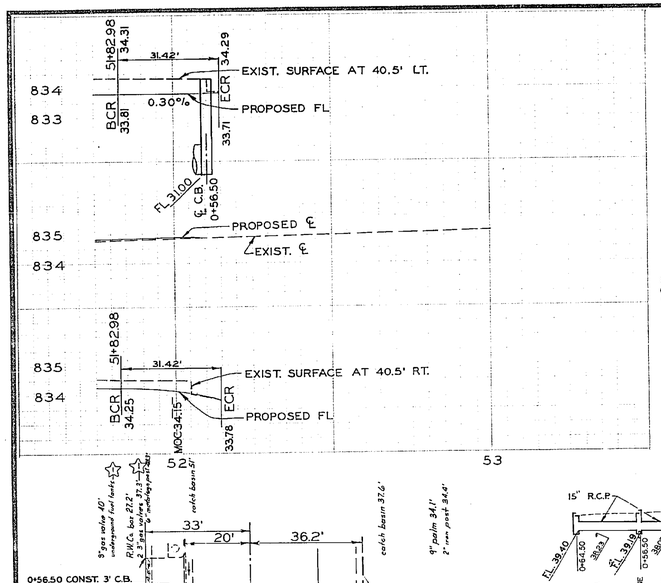
APPROVED BY	BY	DATE
OFFICE ENGINEER	GEE	11-12-65
PARK DEPARTMENT	RD	12-1-65
TRAFFIC DIVISION	GEE	11-12-65
ASSISTANT CITY ENG.	RD	12-1-65

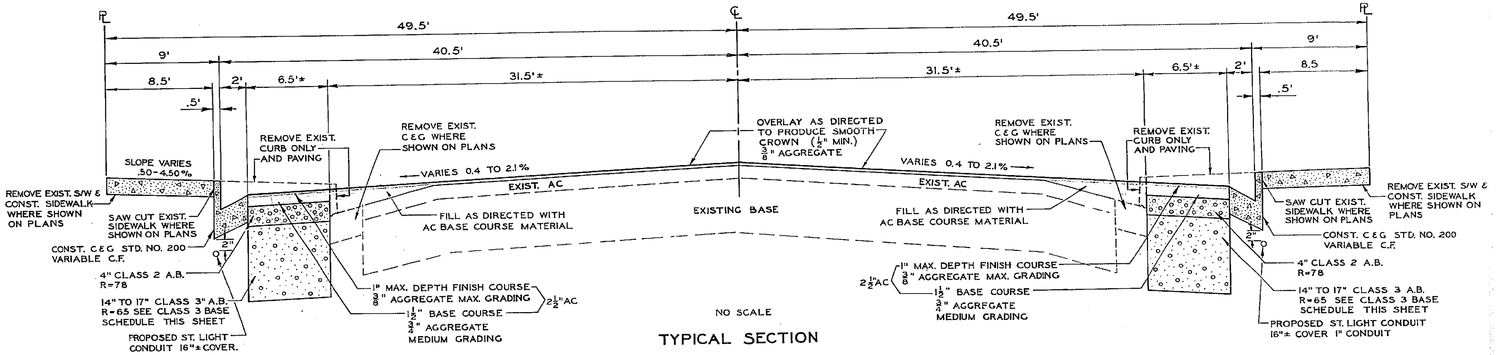
APPROVED BY [signature]
DIRECTOR OF PUBLIC WORKS
DATE 10-6-66

MARKET STREET WIDENING
8TH TO 14TH

PROJECT NO 3089
R-1030
SHEET 4 OF 5
S.S. NO. 268

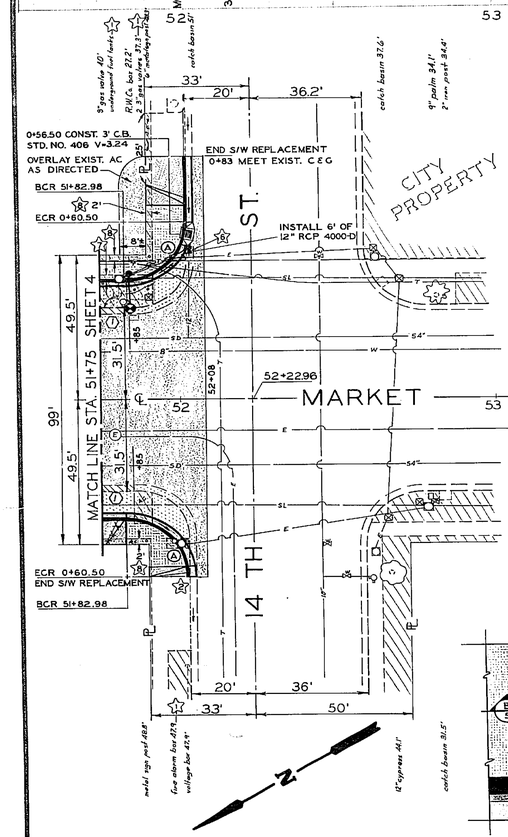
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

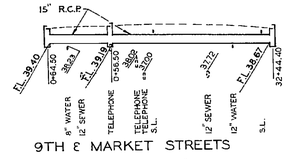


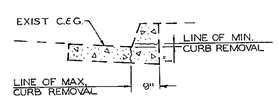


NO SCALE

TYPICAL SECTION

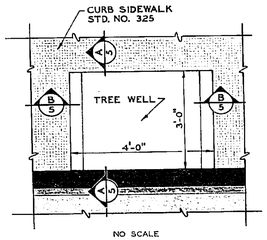






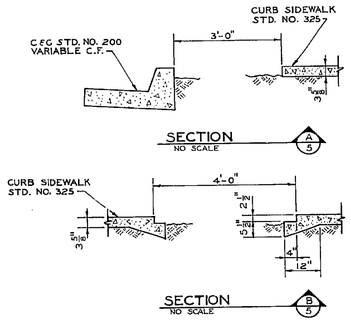
CURB REMOVAL DETAIL

NO SCALE



TREE WELL DETAIL FOR NEW SIDEWALK

NO SCALE



NO SCALE

GENERAL NOTES

1. PCC SIDEWALK EXISTS IN ALL OF PARKWAY EXCEPT WHERE SHOWN BY CROSS-HATCHING, THUSLY ▨ (SEE LEGEND ON THIS SHEET.)
2. REMOVE FROM JOB SITE ALL PALM TREES NOTED BY R ON PLAN.
3. LOAD ON CITY EQUIPMENT ALL PALM TREES NOTED BY L ON PLAN.
4. RELOCATE EXISTING FICUS NITIDA TREES TO 42.5' FROM ℄ AT POSITION NOTED BY (FN) ON PLANS
5. EXACT LOCATION OF TREE WELLS TO BE DETERMINED BY ENGINEER IN THE FIELD. CONSTRUCT TREE WELLS PER DETAIL THIS SHEET.
6. TOP OF CURB SHALL MEET EXISTING SIDEWALK OR AS DIRECTED BY THE ENGINEER. CURB FACE SHALL VARY AS REQUIRED.
7. CONSTRUCT DRIVEWAY TO R. PER CITY STANDARD NO. 302 WITH 7' FLARES EXCEPT WHERE NOTED BY ☆.
8. ALL EXISTING DRAIN PIPES WITHIN PARKWAY SHALL BE CUT BACK TO PROPOSED CURB LINE OR RECONSTRUCTED TO MEET NEW GUTTER GRADE.
9. CITY WILL REMOVE AND REPLACE PARKING METER HEADS; CONTRACTOR SHALL PLACE METER POSTS AT STATION SHOWN ON PLANS AT 42.5' FROM ℄. EXACT LOCATION SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
10. SEE LIGHTING PLANS FOR REMOVAL OR RELOCATION OF EXISTING STREET LIGHTS AND TRAFFIC SIGNALS.
11. RAISE SEWER AND STORM DRAIN MANHOLES AS DIRECTED BY THE ENGINEER.
12. UTILITY SERVICES ARE TO BE RELOCATED BY OTHERS

SPECIAL NOTES

- ☆ TO BE REMOVED BY OTHERS.
- ☆ CONSTRUCT 3.5' FLARE ON DRIVEWAY.
- ☆ FL OF BASIN TO MEET EXISTING PIPE.
- ☆ REMOVE EXISTING CATCH BASIN AND CONNECT EXISTING PIPES.
- ☆ REMOVE EXISTING CATCH BASIN TO AT LEAST ONE FOOT BELOW SUB-BASE AND PLUG EXISTING PIPE.
- ☆ REMOVE EXISTING CATCH BASIN AND CONNECT PROPOSED PIPE TO EXISTING PIPE.
- ☆ MATCH SIDEWALK FROM CURB.
- ☆ MATCH SIDEWALK FROM R..
- ☆ REPLACE EXISTING SIDEWALK AS DIRECTED BY THE ENGINEER.
- ☆ REMOVE CURB AND GUTTER AND REPLACE PAVING AND BASE AS DIRECTED BY THE ENGINEER TO FORM A SMOOTH CROWN SECTION.
- ☆ ADJUST MANHOLE TO GRADE.
- (1) SEE SECTIONS THIS SYMBOL SHOWS PORTIONS OF CURB AND GUTTER REMOVED WHERE CURB ONLY REMOVAL WAS CALLED FOR.

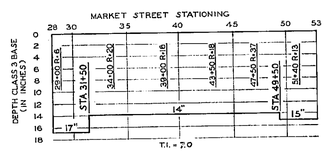
LEGEND

- EXISTING BUILDING
- EXISTING AREA OF NO PCC PAVING
- PROPOSED AC OVERLAY
- PROPOSED AC PAVING OVER AB
- PROPOSED DRIVEWAY APPROACH PER STD. NO. 302
- PROPOSED CURB AND GUTTER PER STD. NO. 200
- PROPOSED SIDEWALK

SYMBOLS

SEE ALSO STANDARD DRAWING NO. 1

- ☆ SEE SPECIAL NOTES
- EXISTING STREET LIGHT
- EXISTING STREET LIGHT AND TRAFFIC SIGNAL
- PROPOSED STREET LIGHT
- EXISTING WATER METER
- (F) EXISTING GASOLINE FILL PIPE
- EXISTING FIRE ALARM BOX
- EXISTING PARKING METER
- +88 PROPOSED PARKING METER WITH STATION
- L LOAD EXISTING PALM TREE ON CITY EQUIPMENT
- R REMOVE EXISTING PALM TREE FROM JOB SITE
- EXISTING PALM TREE
- EXISTING OTHER TREE
- PROPOSED TREE WELL SITE WITH STATION
- +07 (FN) +20 PROPOSED SITE OF RELOCATED TREES WITH STATION
- 101.26 SURFACE ELEVATION AT POINT INDICATED
- ⊗ TRAFFIC SIGNAL CONTROL BOX



CLASS 3 AGGREGATE BASE SCHEDULE

CURB RETURN DATA

Ⓐ R= 20' Δ= 90° L= 31.42'

Ⓑ R= 10' Δ= 90° L= 15.71'

MARK	REVISIONS	APPR.	DATE
1	AS BUILT		6-27-66
2	Per State Review SD Revisions	ESR	11-12-65

DESIGNED BY ____ DRAWN BY Somu CHECKED BY ____

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

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

APPROVED BY ____ DIRECTOR OF PUBLIC WORKS

DATE 5-6-65

MARKET STREET WIDENING
8TH TO 14TH

PROJECT NO. 3089

R-1030

SHEET 5 OF 5

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

S.S. NO. 268