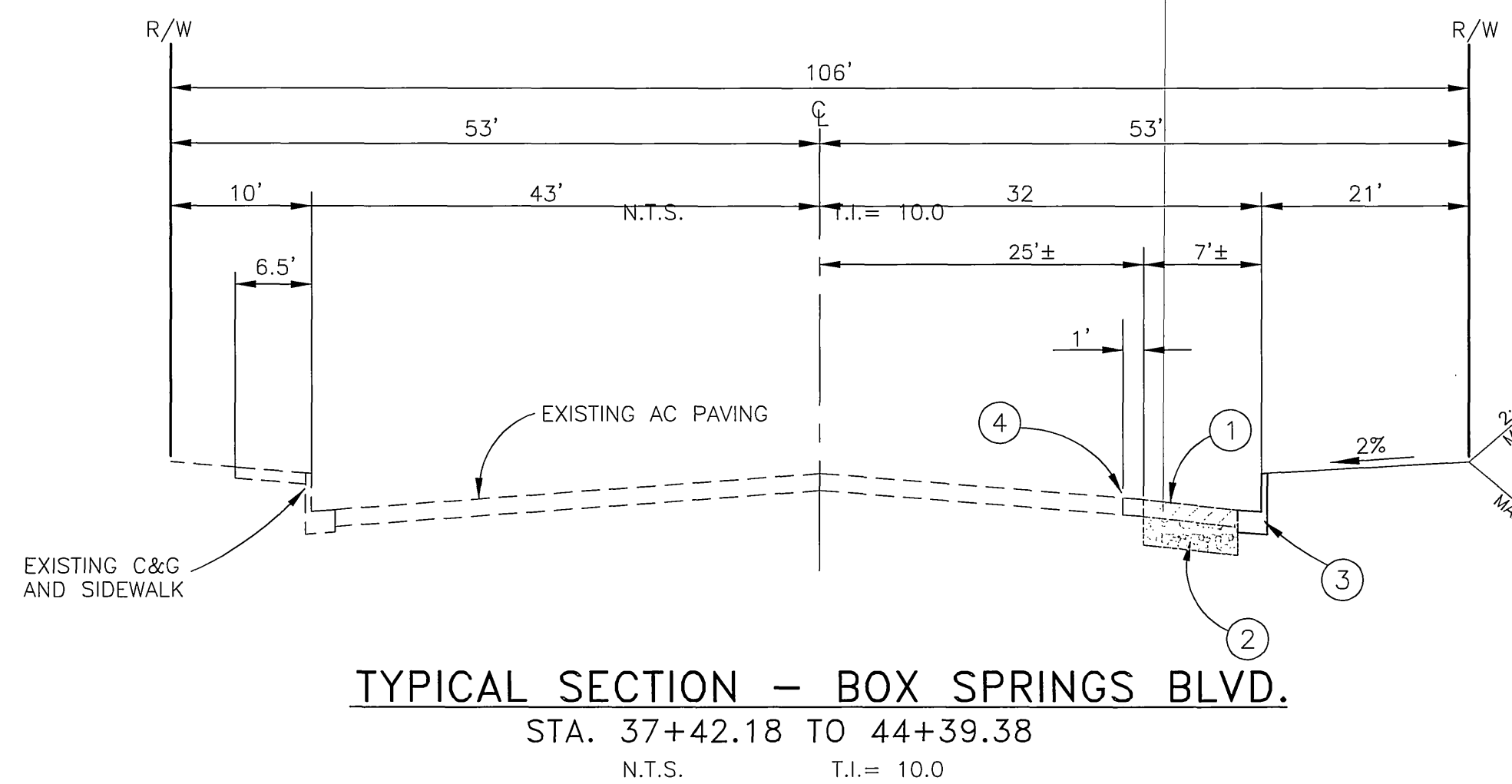
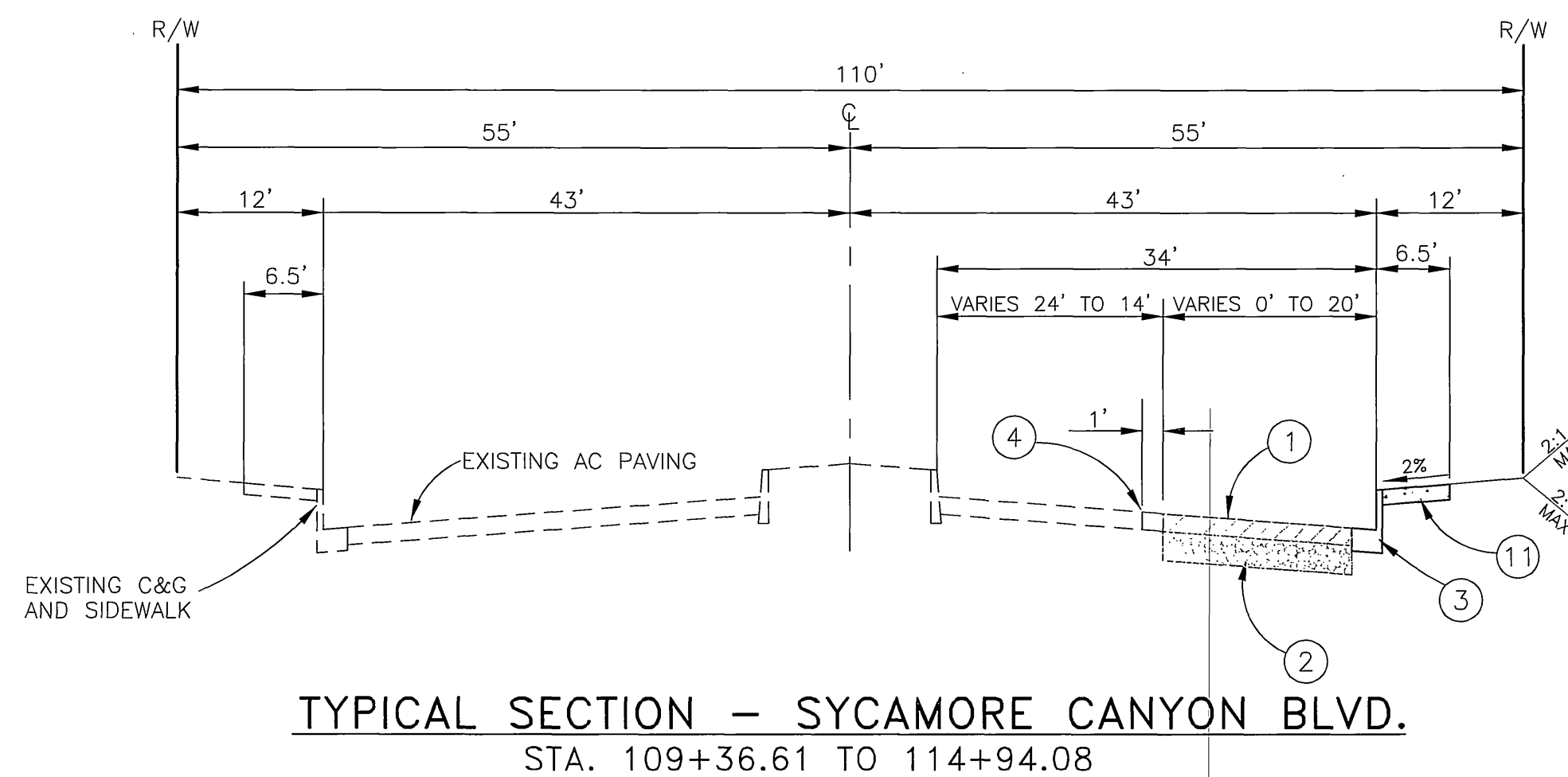
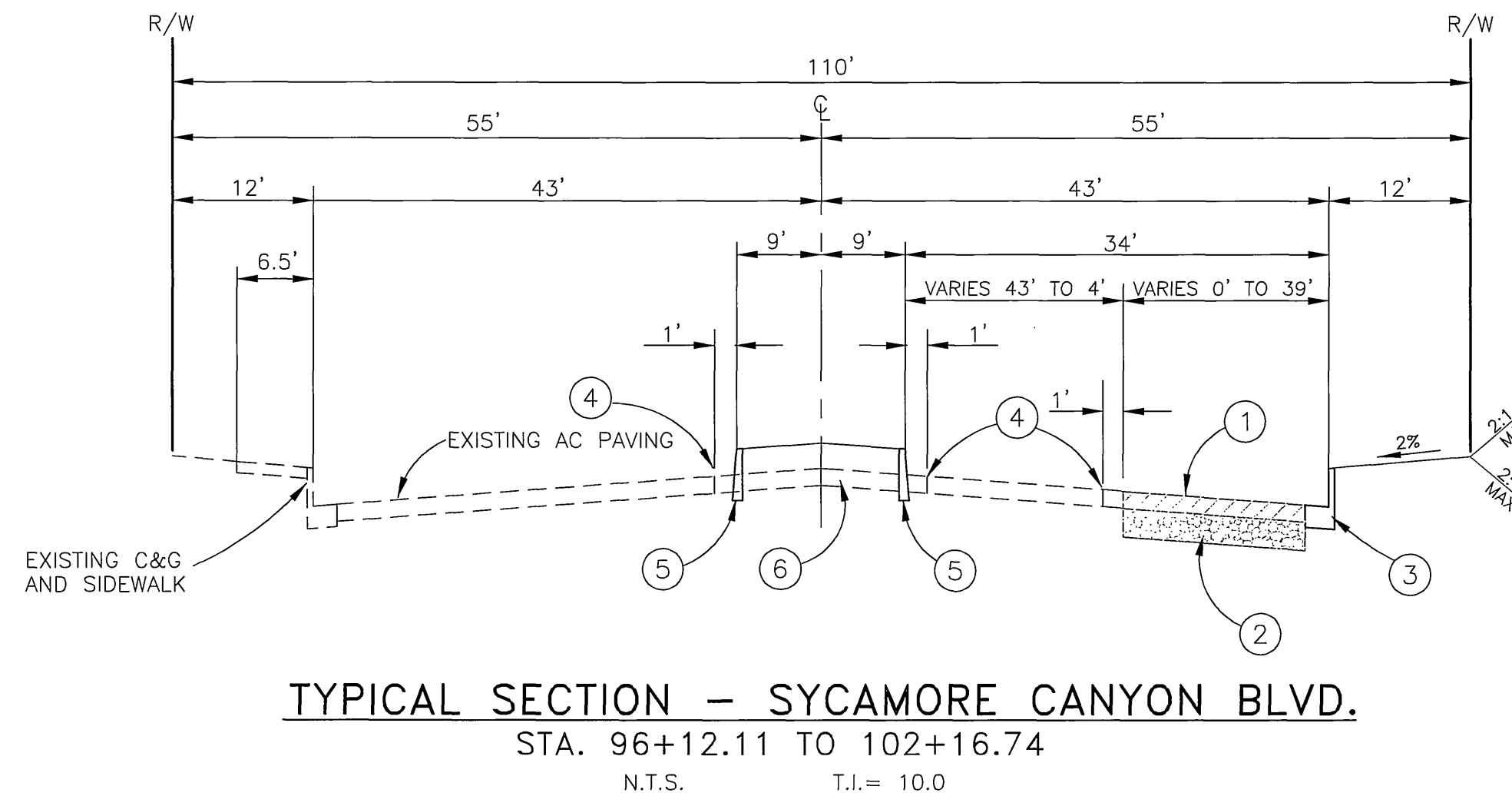
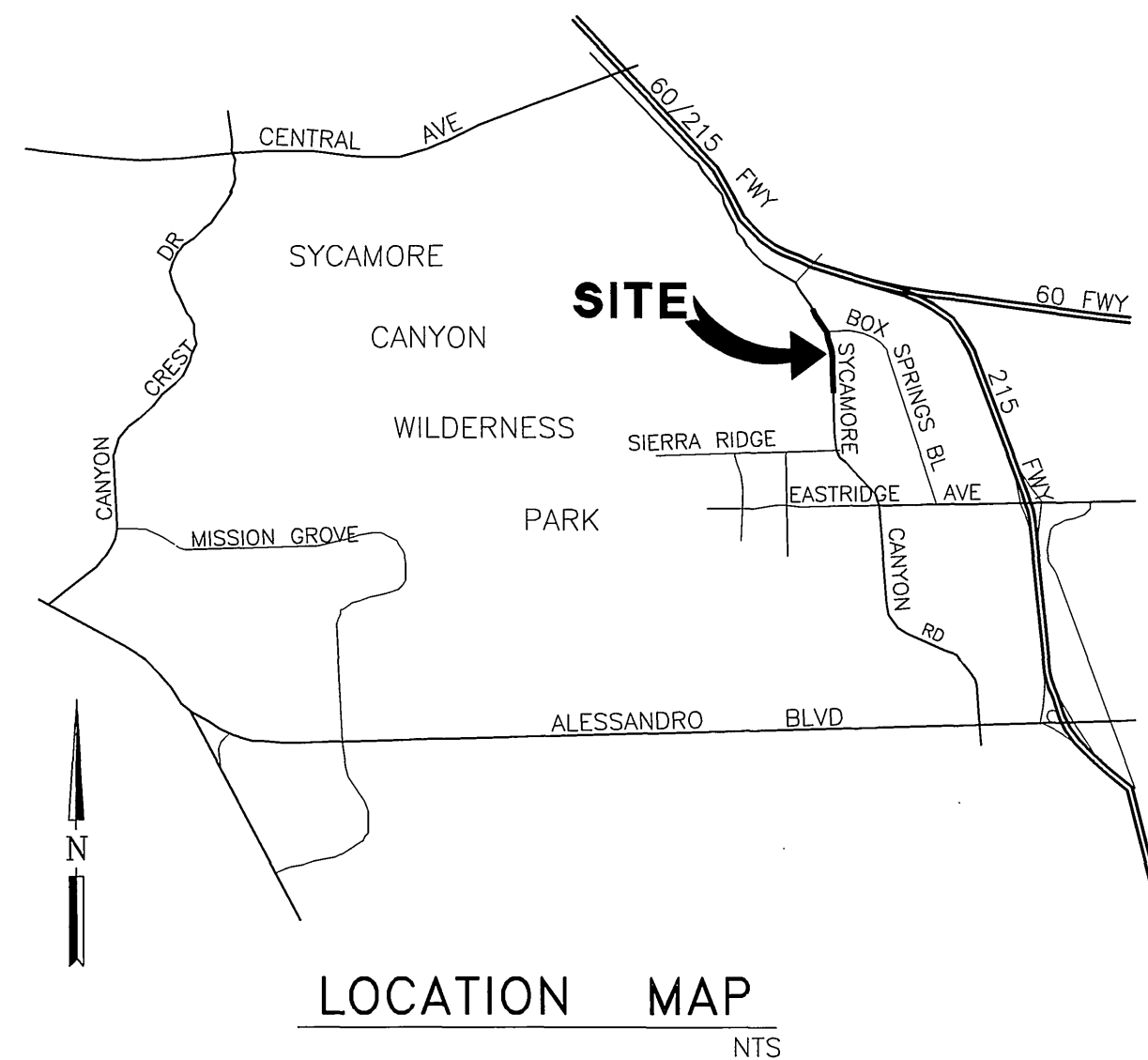


# STREET IMPROVEMENT PLANS

## SYCAMORE CANYON BOULEVARD AND BOX SPRINGS BOULEVARD

### GENERAL NOTES



- NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHTS-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- WHERE NEW PAVEMENT IS TO JOIN THE EXISTING PAVEMENT THE EDGE OF THE EXISTING PAVEMENT SHALL BE TRIMMED IN A SMOOTH AND STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS SHOWN ON PLAN AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
- THE SUBDIVIDER SHALL ARRANGE FOR A SOIL TEST TO BE MADE BY SOILS ENGINEER AFTER THE STREETS HAVE BEEN PREPARED TO ROUGH GRADE AND PRIOR TO CURB AND GUTTER CONSTRUCTION. DEPTH OF BASE MATERIAL AND A.C. PAVING SHALL BE DETERMINED BY THE CITY OF RIVERSIDE DESIGN STANDARDS AND TEST PROCEDURES.
- ON ALL AREAS WITHIN PUBLIC RIGHT OF WAY WHERE THE FILL IS ONE (1) FOOT OR GREATER, A LETTER WILL BE REQUIRED FROM THE SOILS ENGINEER, CERTIFYING THE COMPACTION OF THE FILL BELOW SUBGRADE, PRIOR TO ISSUANCE OF THE CONSTRUCTION PERMIT/CUT SHEETS.
- THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE # 1-800-227-2600 TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
- ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.
- ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTORS.
- FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBILITY OF THE DEVELOPER.
- IN PAVEMENT OVERLAY AREAS, ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE INSPECTOR PRIOR TO OVERLAYING WITH A.C. PAVING

### CONSTRUCTION NOTES

- CONSTRUCT 8" AC PAVEMENT PER SOILS REPORT
- CONSTRUCT 6" AGGREGATE BASE OVER COMPACTED SUBGRADE
- CONSTRUCT 6" CURB & GUTTER PER CITY OF RIVERSIDE STD. 200
- SAWCUT EXISTING PAVEMENT FOR A SMOOTH EDGE
- CONSTRUCT 8" CURB TYPE II PER CITY OF RIVERSIDE STD. 200
- REMOVE EXISTING AC PAVEMENT
- CONSTRUCT CATCH BASIN PER CITY OF RIVERSIDE STD. 405 (W=21')
- CONSTRUCT 42" RCP 1000-D STORMDRAIN & CONNECT TO EXIST.
- CONSTRUCT CONCRETE COLLAR PER CITY OF RIVERSIDE STD. 424
- INSTALL STOP SIGN AND "NO LEFT TURN" SIGNS PER CITY OF RIVERSIDE STD. 666
- CONSTRUCT SIDEWALK PER CITY OF RIVERSIDE STD. 325

### SHEET INDEX

- SHEET 1.....TITLE SHEET  
SHEET 2-3.....PLAN & PROFILE - SYCAMORE CANYON  
SHEET 4.....PLAN & PROFILE - BOX SPRINGS

### ENGINEER'S NOTICE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS, TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN ON THESE DRAWINGS. THE CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UTILITY PIPES, CONDUITS OR STRUCTURES SHOWN OR NOT SHOWN ON THESE DRAWINGS.

THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.

CITY OF RIVERSIDE BUSINESS TAX CERTIFICATE No.60137 EXP. DATE 5-2-07

PREPARED BY:

GFB-FRIEDRICH  
& ASSOC., INC.  
CONSULTING CIVIL ENGINEERS

6529 RIVERSIDE AVENUE, STE. 230  
RIVERSIDE, CA 92506  
(951) 781-0311, fax: (951) 781-0311

JOHN A. FRIEDRICH R.C.E. 27861 EXP 3-31-08 DATE 5-21-07

Engineering Manager	MA	5/21/07
APPROVED BY	BY	DATE
PRINCIPAL ENGR.		
PARK DEPARTMENT		
TRAFFIC DIVISION		
STREET SERVICES		

CITY OF RIVERSIDE		DEPARTMENT OF PUBLIC WORKS	
APPROVED BY	BY	DATE	APPROVED BY
			DATE 5/21/07

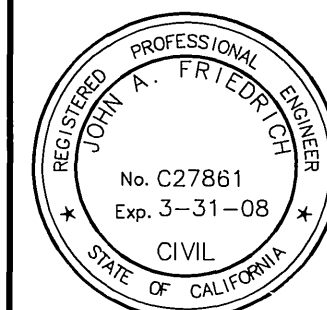
STREET IMPROVEMENT PLAN	PROJECT NO.
SYCAMORE CANYON BLVD. & BOX SPRINGS BLVD.	R-4034
TITLE SHEET	SHEET 1 of 4
SCALE: HORIZ: 1"=40' VERT: 1"=4'	FILE NO.:

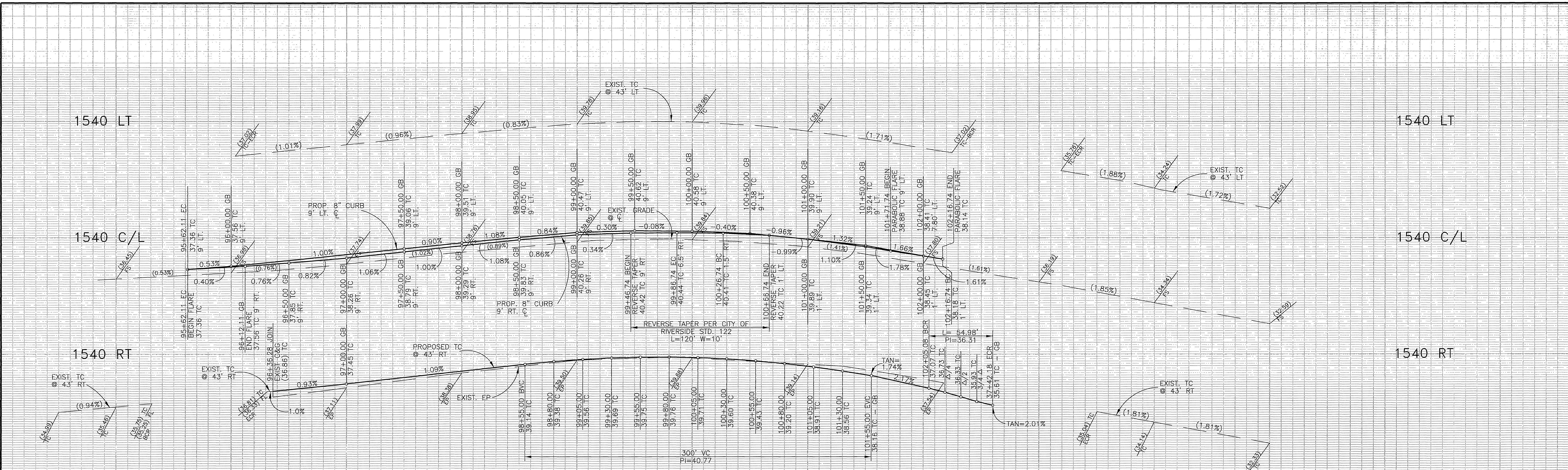
PW07-
PROJECT NO.
R-4034
SHEET 1 of 4
FILE NO.:



WESTERN MUNICIPAL WATER DISTRICT REVIEWED FOR NON-INTERFERENCE COMPLIANCE SHEETS 1 THROUGH 4
JEFFERY D. SIMMS R.C.E. 46212 DATE
CITY OF RIVERSIDE - PUBLIC UTILITIES, ELECTRIC
APPROVED BY DATE

BENCH MARK: CITY OF RIVERSIDE B.M. L1-A3  
PK NAIL AND CITY ENGINEER TAG IN THE BASE OF A STREET LIGHT POLE ALONG THE NORTHERLY CURB OF EASTRIDGE AVE., 82 FEET WESTERLY OF BOX SPRINGS BLVD. ADJUSTED AND ENTERED MAY 1997  
ELEV.= 1534.311

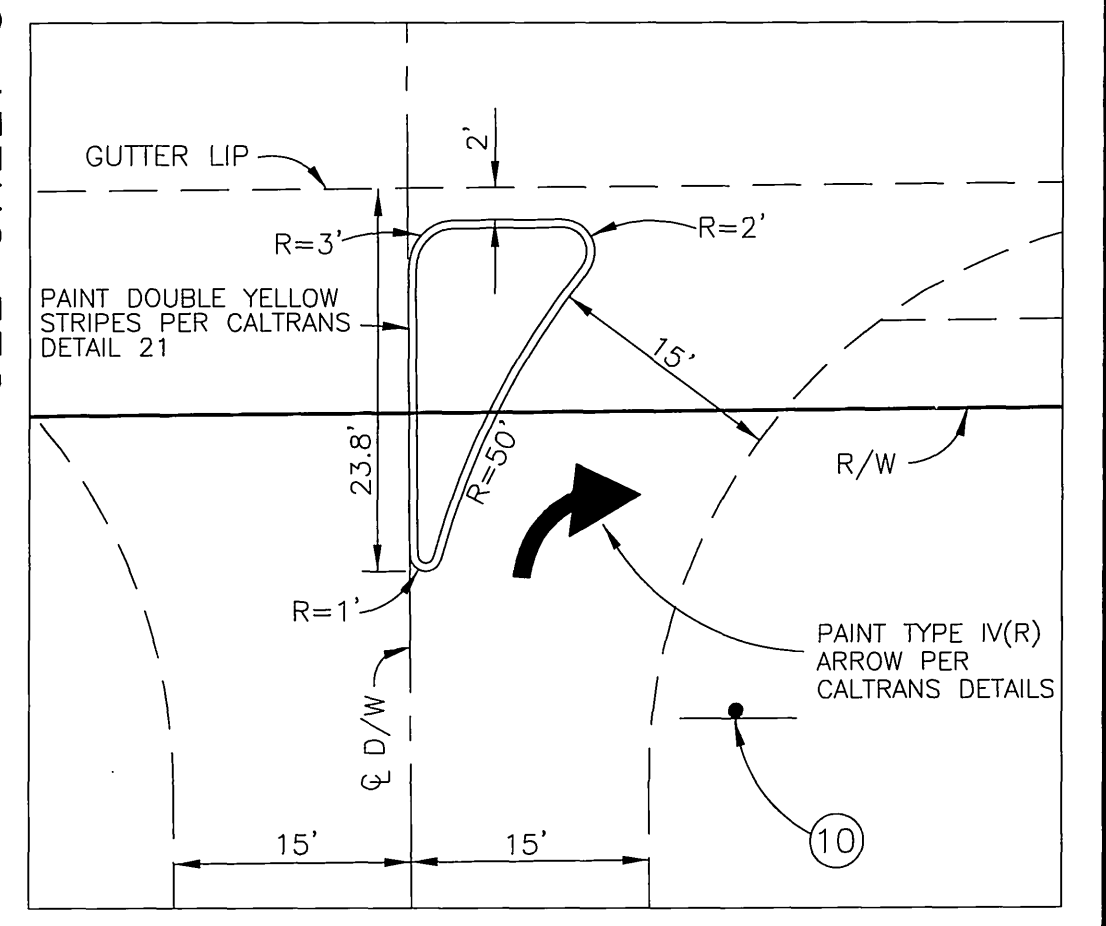
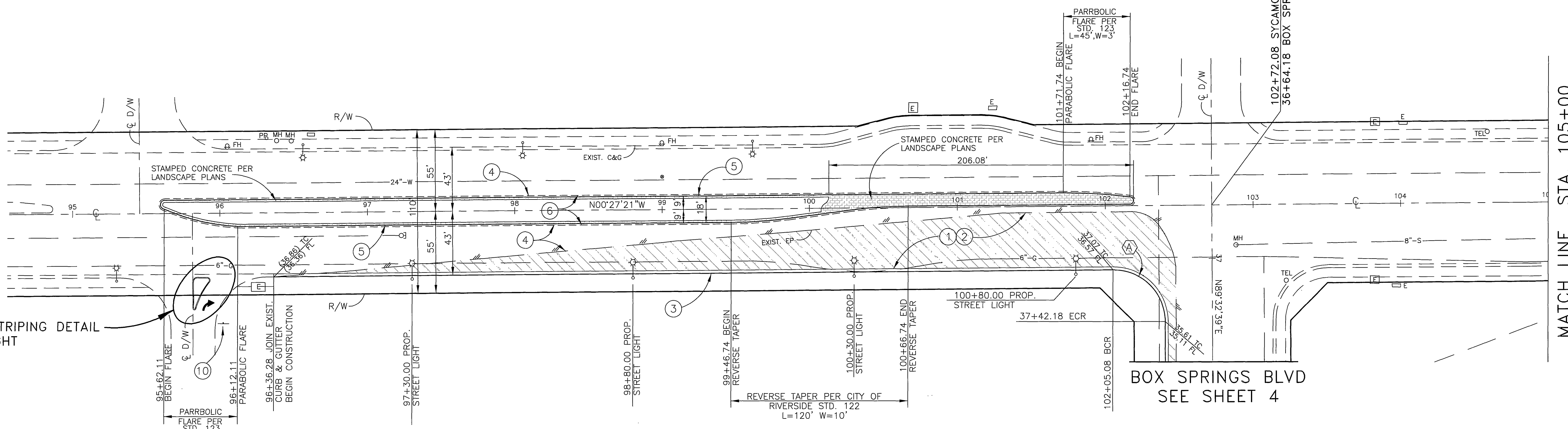




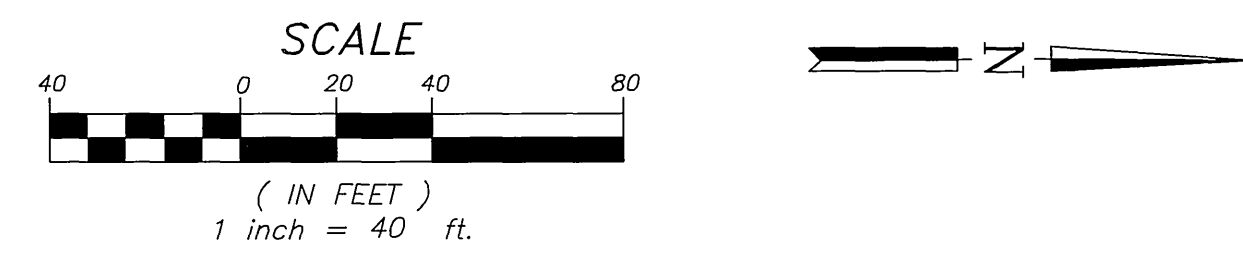
PROFILE SCALES  
 1" = 40' HORZ.  
 1" = 4' VERT.

CONSTRUCTION NOTES

- 1 CONSTRUCT 8" AC PAVEMENT PER SIOLS REPORT
- 2 CONSTRUCT 6" AGGREGATE BASE OVER COMPACTED SUBGRADE
- 3 CONSTRUCT 6" CURB & GUTTER PER CITY OF RIVERSIDE STD. 200
- 4 SAWCUT EXISTING PAVEMENT FOR A SMOOTH EDGE
- 5 CONSTRUCT 8" CURB TYPE II PER CITY OF RIVERSIDE STD. 200
- 6 REMOVE EXISTING AC PAVEMENT
- 10 INSTALL STOP SIGN AND "NO LEFT TURN" SIGNS PER CITY OF RIVERSIDE STD. 666



CURVE DATA					
	Δ	R	L	T	COMMENTS
A	90°00'00"	35.00'	54.98'	35.00'	CURB RETURN
B					
C					



CITY OF RIVERSIDE BUSINESS TAX CERTIFICATE No.60137 EXP. DATE 5-2-07

**Underground Service Alert**  
 Call: TOLL FREE  
 1-800  
 227-2600  
 TWO WORKING DAYS  
 BEFORE YOU DIG

BENCH MARK: CITY OF RIVERSIDE B.M. L1-A3  
 PK NAIL AND CITY ENGINEER TAG IN THE BASE OF A STREET LIGHT POLE ALONG THE NORTHERLY CURB OF EASTRIDGE AVE., 92 FEET WESTERLY OF BOX SPRINGS BLVD. ADJUSTED AND ENTERED MAY 1997  
 ELEV. = 1534.311

REGISTERED PROFESSIONAL ENGINEER  
 JOHN A. FRIEDRICH  
 No. C27861  
 Exp. 3-31-08  
 CIVIL  
 STATE OF CALIFORNIA

PREPARED BY:  
**GFB-FRIEDRICH & ASSOC., INC.**  
 CONSULTING CIVIL ENGINEERS  
 6529 RIVERSIDE AVENUE, STE. 230  
 RIVERSIDE, CA 92506  
 (951) 781-0211, gfb-jaf@fbcglobal.net  
 JOHN A. FRIEDRICH R.C.E. 27861 EXP 3-31-08  
 DATE 5-18-07

MARK REVISIONS APPR. DATE  
 DESIGNED BY GRW DRAWN BY GRW CHECKED BY JAF

**CITY OF RIVERSIDE**  
 DEPARTMENT OF PUBLIC WORKS  
 APPROVED BY: [Signature]  
 PRINCIPAL ENGR.  
 PARK DEPARTMENT  
 TRAFFIC DIVISION  
 STREET SERVICES  
 DATE 5/14/07

STREET IMPROVEMENT PLAN  
**SYCAMORE CANYON BLVD.**  
 STA. 96+36.28 TO STA.102+05.08  
 SCALE: HORIZ: 1"=40' VERT: 1"=4'

PW07-  
 PROJECT NO.  
**R-4034**  
 SHEET 2 OF 4  
 FILE NO.:

1520 LT

1520 C/L

1520 RT

105

106

107

108

109

110

111

112

113

114

115

116

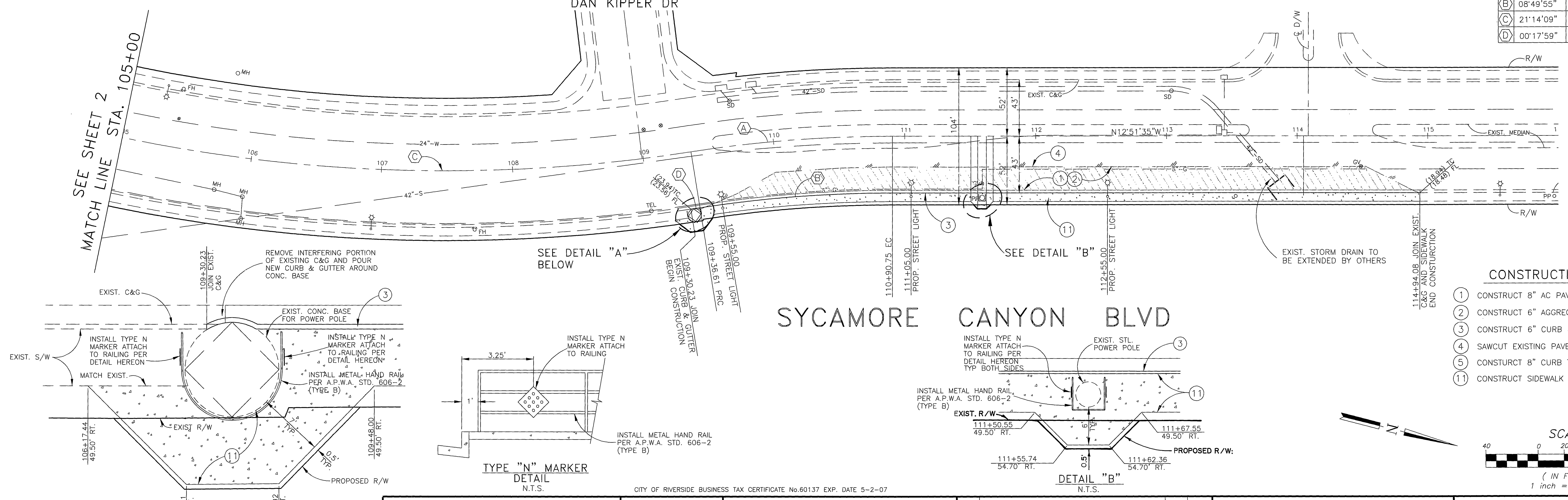
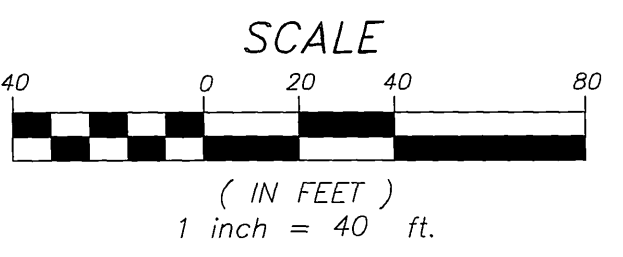
PROFILE SCALES  
1" = 40' HORZ.  
1" = 4' VERT.

CURVE DATA					
	Δ	R	L	T	COMMENTS
(A)	08°49'55"	1000.00'	154.15'	77.23'	CENTERLINE
(B)	08°49'55"	957.00'	147.52'	73.91'	C&G
(C)	21°14'09"	1219.82'	452.11'	228.68'	CENTERLINE
(D)	00°17'59"	1262.82'	6.60'	3.30'	C&G

DAN KIPPER DR

# SYCAMORE CANYON BLVD

- CONSTRUCTION NOTES**
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  - CONSTRUCT SIDEWALK PER CITY OF RIVERSIDE STD. 325



**Underground Service Alert**  
Call: TOLL FREE 1-800-227-2600  
TWO WORKING DAYS BEFORE YOU DIG

BENCH MARK: CITY OF RIVERSIDE B.M. L1-A3  
PK NAIL AND CITY ENGINEER TAG IN THE BASE OF A STREET LIGHT POLE ALONG THE NORTHERLY CURB OF EASTRIDGE AVE. 82 FEET WESTERLY OF BOX SPRINGS BLDG. ADJUSTED AND ENTERED MAY 1997  
ELEV. = 1534.311



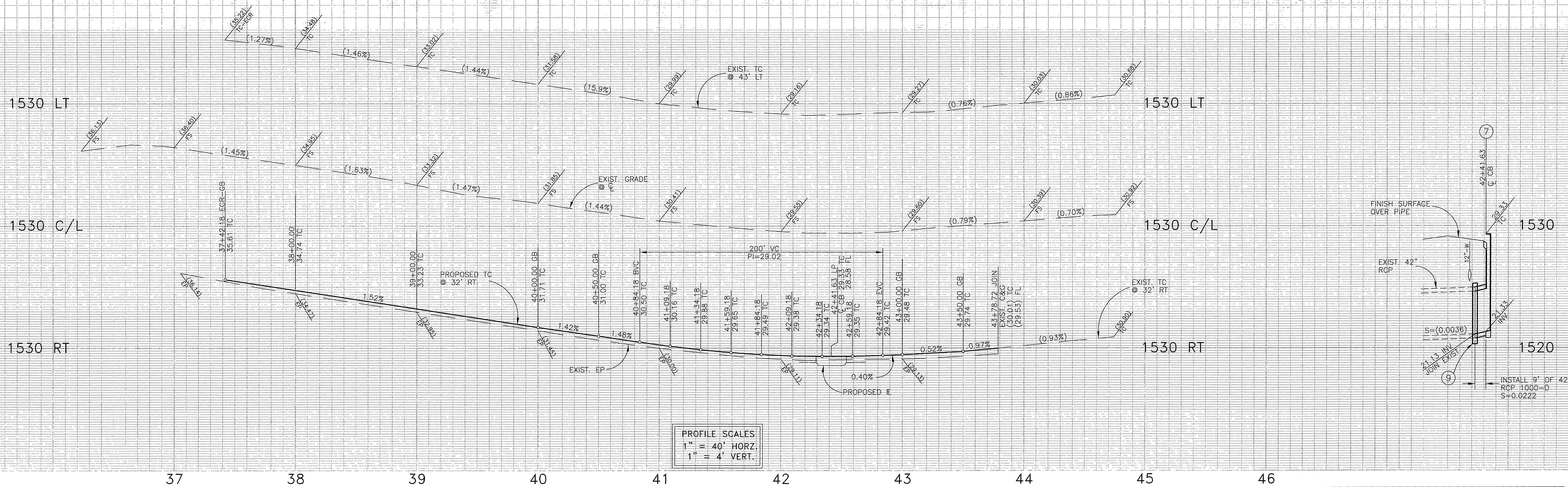
PREPARED BY:  
**GFB-FRIEDRICH & ASSOC., INC.**  
CONSULTING CIVIL ENGINEERS  
6529 RIVERSIDE AVENUE, STE. 230  
RIVERSIDE, CA 92506  
JOHN A. FRIEDRICH, P.E. 27861 EXP. 3-31-08

Engineering Manager: *JA SM*  
MARK: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ APPR. DATE: \_\_\_\_\_  
DESIGNED BY: GRW DRAWN BY: GRW CHECKED BY: JAF

**CITY OF RIVERSIDE**  
DEPARTMENT OF PUBLIC WORKS  
APPROVED BY: \_\_\_\_\_ BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
PRINCIPAL ENGR. \_\_\_\_\_  
PARK DEPARTMENT \_\_\_\_\_  
TRAFFIC DIVISION \_\_\_\_\_  
STREET SERVICES \_\_\_\_\_

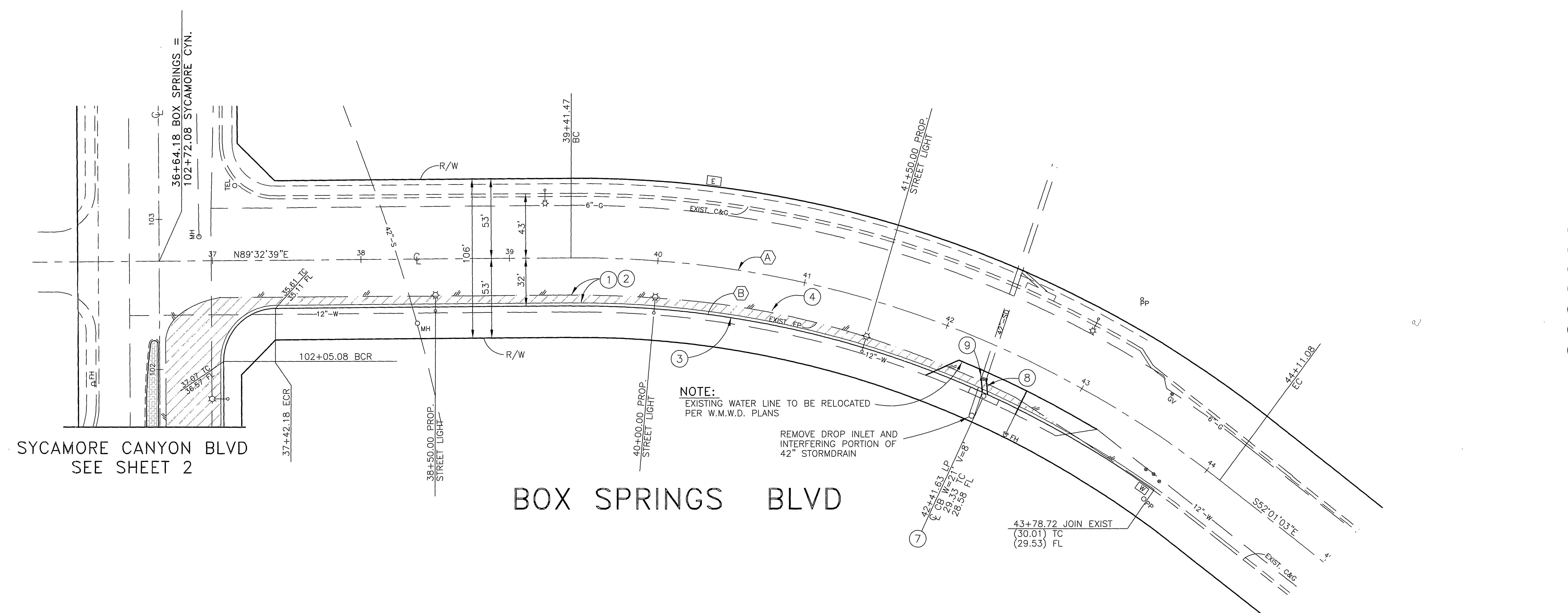
**STREET IMPROVEMENT PLAN**  
SYCAMORE CANYON BLVD.  
STA. 109+30.23 TO STA. 114+94.08  
SCALE: HORIZ: 1"=40' VERT: 1"=4'

PW07-  
PROJECT NO. \_\_\_\_\_  
R-4034  
SHEET 3 OF 4  
FILE NO. \_\_\_\_\_

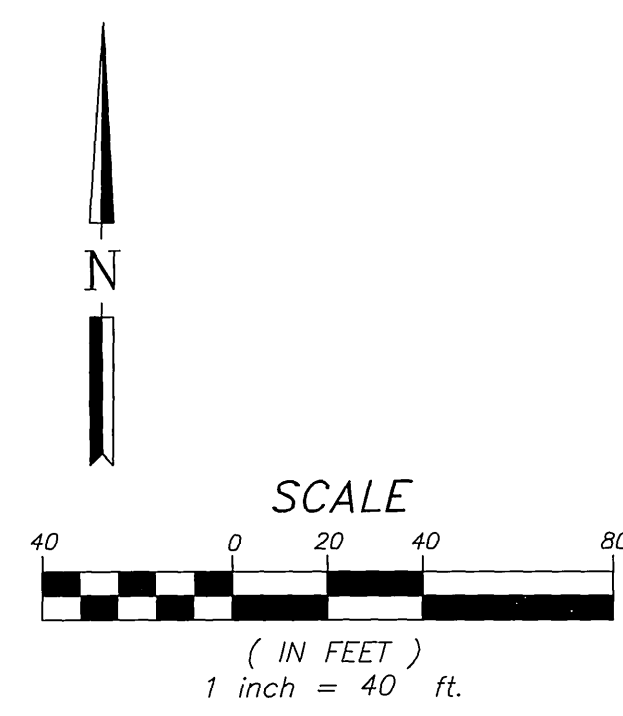


PROFILE SCALES  
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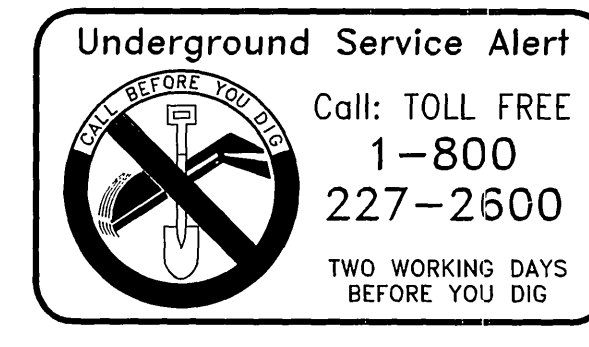
CURVE DATA					
	Δ	R	L	T	COMMENTS
(A)	38°26'18"	700.00'	469.61'	244.03'	CENTERLINE
(B)	35°47'22"	668.00'	417.26'	215.69'	C&G



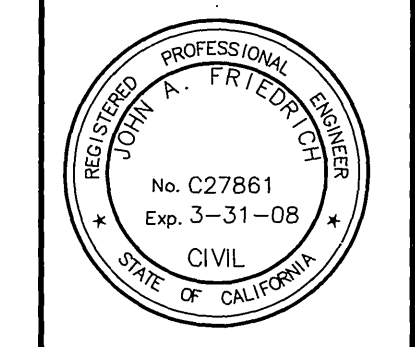
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  - CONSTRUCT CONCRETE COLLAR PER CITY OF RIVERSIDE STD. 424



CITY OF RIVERSIDE BUSINESS TAX CERTIFICATE No.60137 EXP. DATE 5-2-07



BENCH MARK: CITY OF RIVERSIDE B.M. L1-A3  
 PK NAIL AND CITY ENGINEER TAG IN THE BASE OF A STREET LIGHT POLE ALONG THE NORTHERLY CURB OF EASTRIDGE AVE., 82 FEET WESTERLY OF BOX SPRINGS BLVD. ADJUSTED AND ENTERED MAY 1997  
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PREPARED BY:  
**GFB-FRIEDRICH & ASSOC., INC.**  
 CONSULTING CIVIL ENGINEERS  
 6529 RIVERSIDE AVENUE, STE. 230  
 RIVERSIDE, CA 92506  
 (951) 281-0811 gfb-jaf@global.net  
 JOHN A. FRIEDRICH R.C.E. 27861 EXP 3-31-08 DATE 5-08-07

MARK	REVISIONS	APPR. DATE
DESIGNED BY GRW	DRAWN BY GRW	CHECKED BY JAF

**CITY OF RIVERSIDE**  
 DEPARTMENT OF PUBLIC WORKS  
 APPROVED BY: [Signature]  
 PRINCIPAL ENGR. [Signature]  
 PARK DEPARTMENT [Signature]  
 TRAFFIC DIVISION [Signature]  
 STREET SERVICES [Signature]  
 DATE 5/8/07

STREET IMPROVEMENT PLAN		PROJECT NO.
BOX SPRINGS BLVD. STA. 37+42.18 TO STA. 43+78.72		R-4034
SCALE: HORIZ: 1"=40' VERT: 1"=4'		SHEET 4 OF 4
FILE NO.:		PW07-