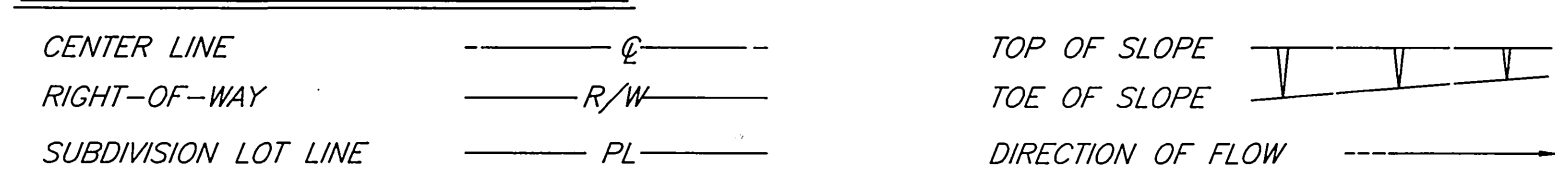


# RIVERSIDE CALIFORNIA

## PUBLIC WORKS DEPARTMENT

# INDIANA AVENUE WIDENING MONROE STREET TO DOYLE STREET

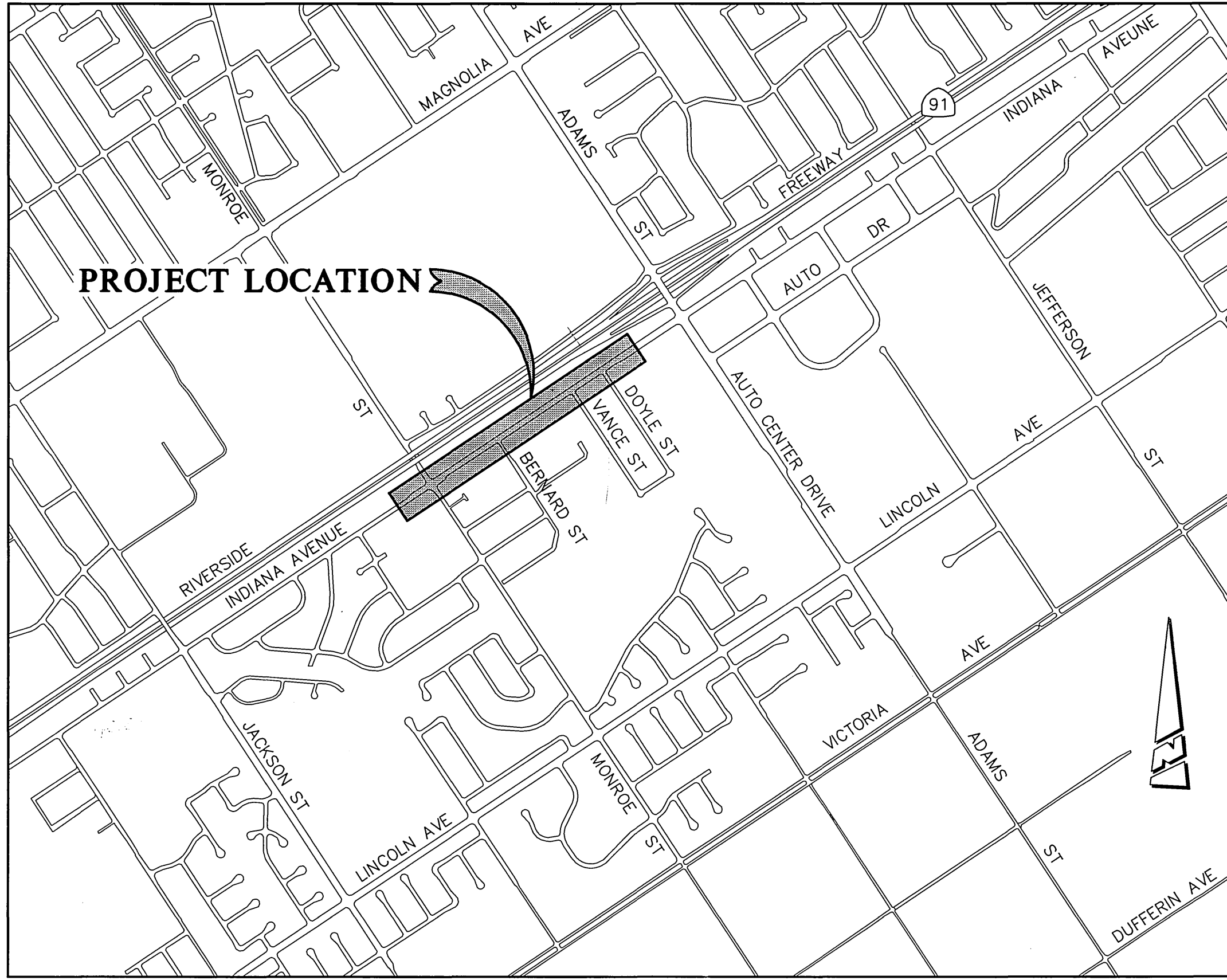
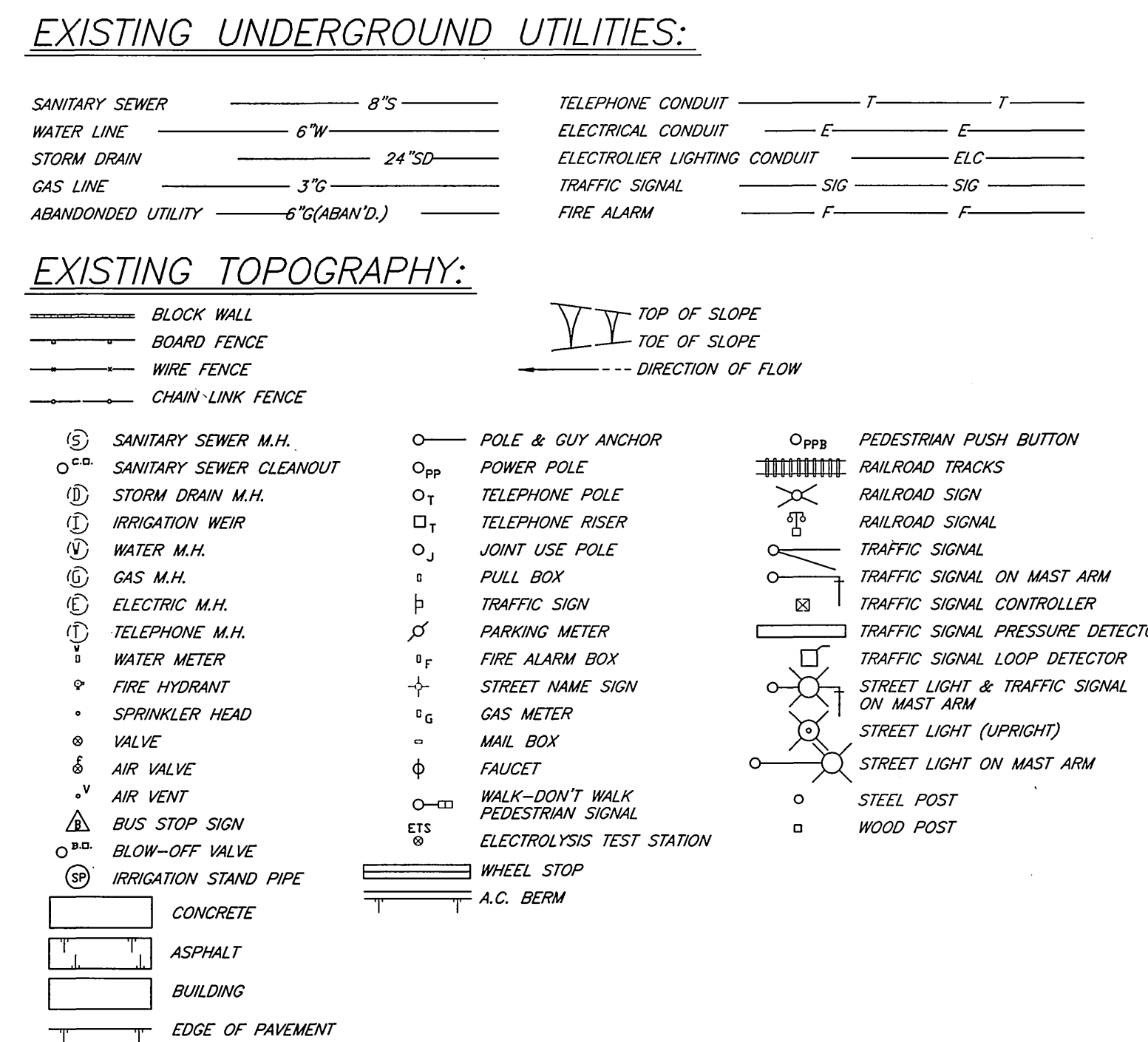
### CONSTRUCTION LEGEND



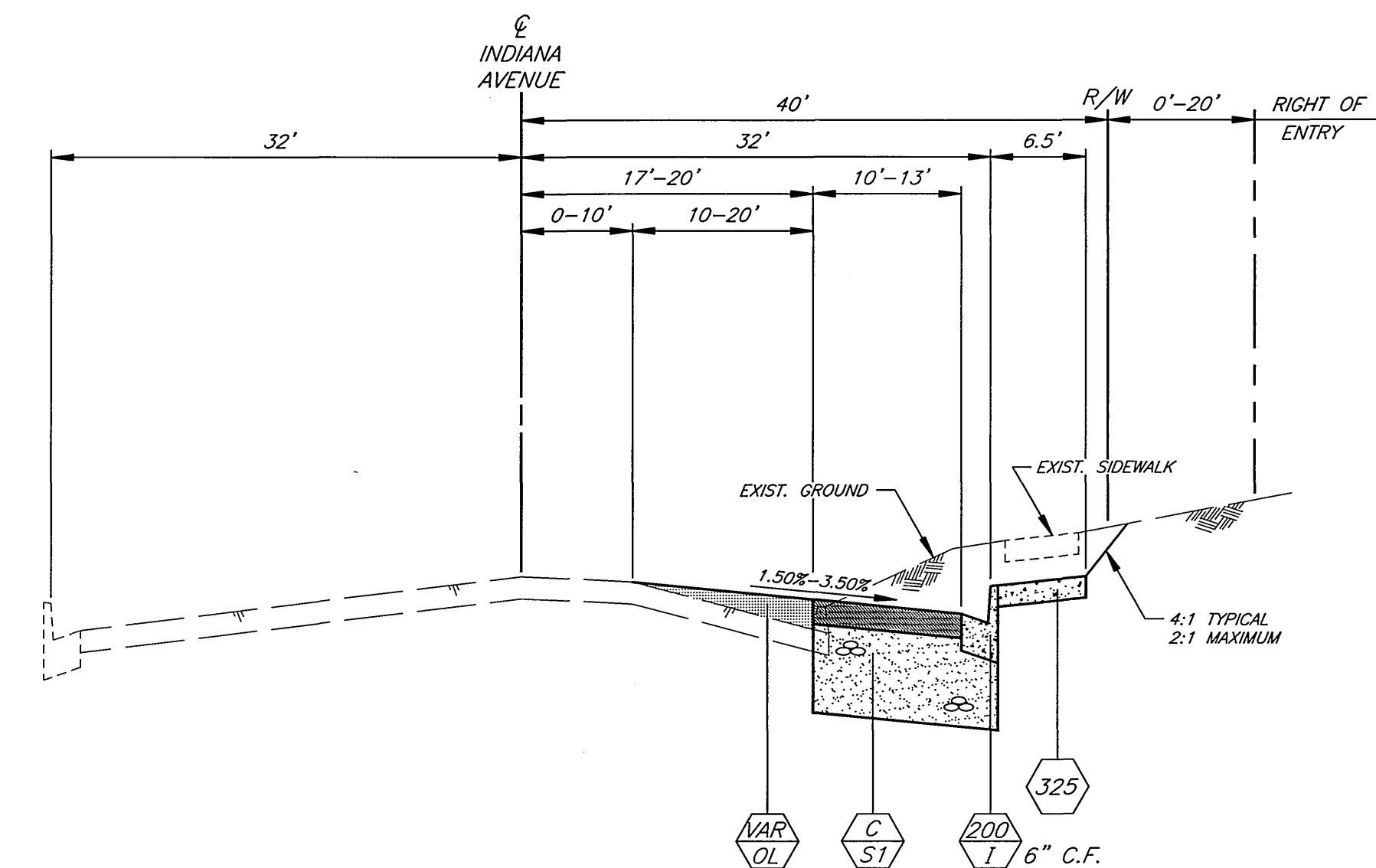
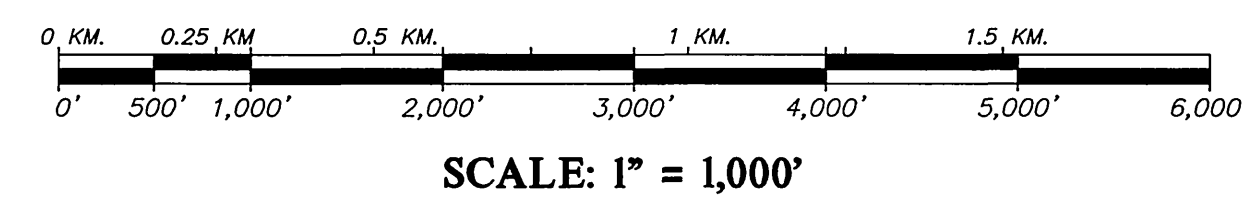
### SPECIFIC CONSTRUCTION NOTES

- NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET, ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
- 1 CONSTRUCT 0.21' THICK D.G.A.C. SIDEWALK.
  - 2 RELOCATE EXISTING MAIL BOX PER SPECIAL PROVISIONS.
  - 3 RELOCATE EXISTING STREET LIGHT PER PLAN L5-601151.
  - 4 CONSTRUCT 0.33' THICK D.G.A.C. DRIVEWAY APPROACH.
  - 5 REMOVE INTERFERING PORTIONS OF EXISTING STORM DRAIN PIPE AND CONSTRUCT 311 L.F. 36" R.C.P. SEE SHEET 8 FOR PROFILE.
  - 6 CONSTRUCT 0.50' THICK P.C.C. DRIVEWAY.
  - 7 RELOCATE EXISTING GATES AND INSTALL NEW CHAIN LINK FENCE AS SHOWN.
  - 8 RELOCATE EXISTING CHAIN LINK FENCE AS SHOWN.
  - 9 REMOVE INTERFERING PORTIONS OF EXISTING STORM DRAIN PIPE AND CONSTRUCT 16 L.F. 30" R.C.P. SEE SHEET 8 FOR PROFILE.
  - 10 REGRADE EXISTING DIRT DRIVEWAY TO MEET AS SHOWN.
  - 11 CONSTRUCT 0.33' THICK D.G.A.C. DRIVEWAY.
  - 12 CONSTRUCT PILASTER AT 89+38 ALIGNED WITH EXISTING FENCE AND RELOCATE INTERFERING PORTIONS OF EXISTING TUBULAR STEEL FENCE AS SHOWN.
  - 13 CONSTRUCT 6" WIDE RETAINING CURB AT BACK OF SIDEWALK AND ALONG DRIVEWAY TO PROTECT EXISTING FENCE IN PLACE.
  - 14 REMOVE INTERFERING PORTIONS OF EXISTING STORM DRAIN PIPE AND CONSTRUCT 8 L.F. 33" R.C.P. SEE SHEET 8 FOR PROFILE.
  - 15 CONSTRUCT BRICK AND MORTAR BULKHEAD.
  - ADJ ADJUST SEWER, STORM DRAIN, ELECTRIC OR WATER MANHOLE OR GATE VALVE TO GRADE. ADJUSTMENT TO GRADE OR RELOCATION OF GAS & TELEPHONE COMPANY'S FACILITIES WILL BE DONE BY OTHERS.
  - C ST CONSTRUCT STRUCTURAL SECTION OF 0.33' D.G.A.C. OVER 1.20' C.A.B. OVER COMPACTED NATIVE SOIL.
  - C S2 CONSTRUCT STRUCTURAL SECTION OF 0.21' D.G.A.C. OVER 0.45' C.A.B. OVER COMPACTED NATIVE SOIL.
  - E POWER POLE TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, ELECTRIC DIVISION.
  - FH FIRE HYDRANT TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, WATER DIVISION.
  - R I REMOVE EXISTING TREE. CLASS I - 6" TO 18", CLASS II - OVER 18" TO 36", CLASS III - OVER 36".
  - REL RELOCATE EXISTING TRAFFIC CONTROL SIGNS AS DIRECTED BY THE PUBLIC WORKS INSPECTOR AND PER STANDARD DRAWING NUMBER 666.
  - T EXISTING TELEPHONE FACILITIES TO BE RELOCATED BY PACIFIC BELL.
  - T I TRANSPLANT EXISTING PALM TREE ON SITE AS DIRECTED BY THE STREET TREE INSPECTOR AND AS DESCRIBED IN THE ACCOMPANYING SPECIAL PROVISIONS. FOR LOCATION AND DIAMETER SEE PLAN.
  - VAR OL CONSTRUCT VARIABLE THICKNESS D.G.A.C. OVERLAY (0.1' MINIMUM THICKNESS)
  - W WATER METER TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, WATER DIVISION.
  - WS WATER SERVICE TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, WATER DIVISION AT TIME OF CONSTRUCTION.
  - TDL 5 TRAFFIC DETECTOR LOOP INSTALLATION NUMBER OF DETECTOR LOOPS
  - A 6 INDICATES DETAIL INDICATES SHEET NO.
  - CATV EXISTING CABLE TELEVISION FACILITIES TO BE RELOCATED BY CHARTER COMMUNICATIONS.

### EXISTING UNDERGROUND & TOPOGRAPHY LEGEND



### PROJECT LOCATION PLAN



TYPICAL SECTION  
SCALE: HORIZ. 1"=10'  
VERT. 1"=2'

\*AS-BUILT 10-08-03 lfh

**IMPORTANT NOTICE**  
Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a "permit to excavate" will be valid. For your Dig Alert ID, Number call CALL TOLL FREE 48 HOURS BEFORE YOU DIG UNDERGROUND SERVICE ALERT 1-800-227-2600

**ENGINEER IN RESPONSIBLE CHARGE**  
Ronald C. Mueller  
RONALD C. MUELLER  
R.C.E. No. 29510 expires 3/31/03  
DATE 1-26-01

MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA  
PUBLIC WORKS DEPARTMENT

APPROVED BY: *R. McCreath*  
DEPUTY P.W. DIRECTOR  
DATE: 2-15-01

INDIANA AVENUE  
WIDENING  
MONROE STREET TO DOYLE STREET

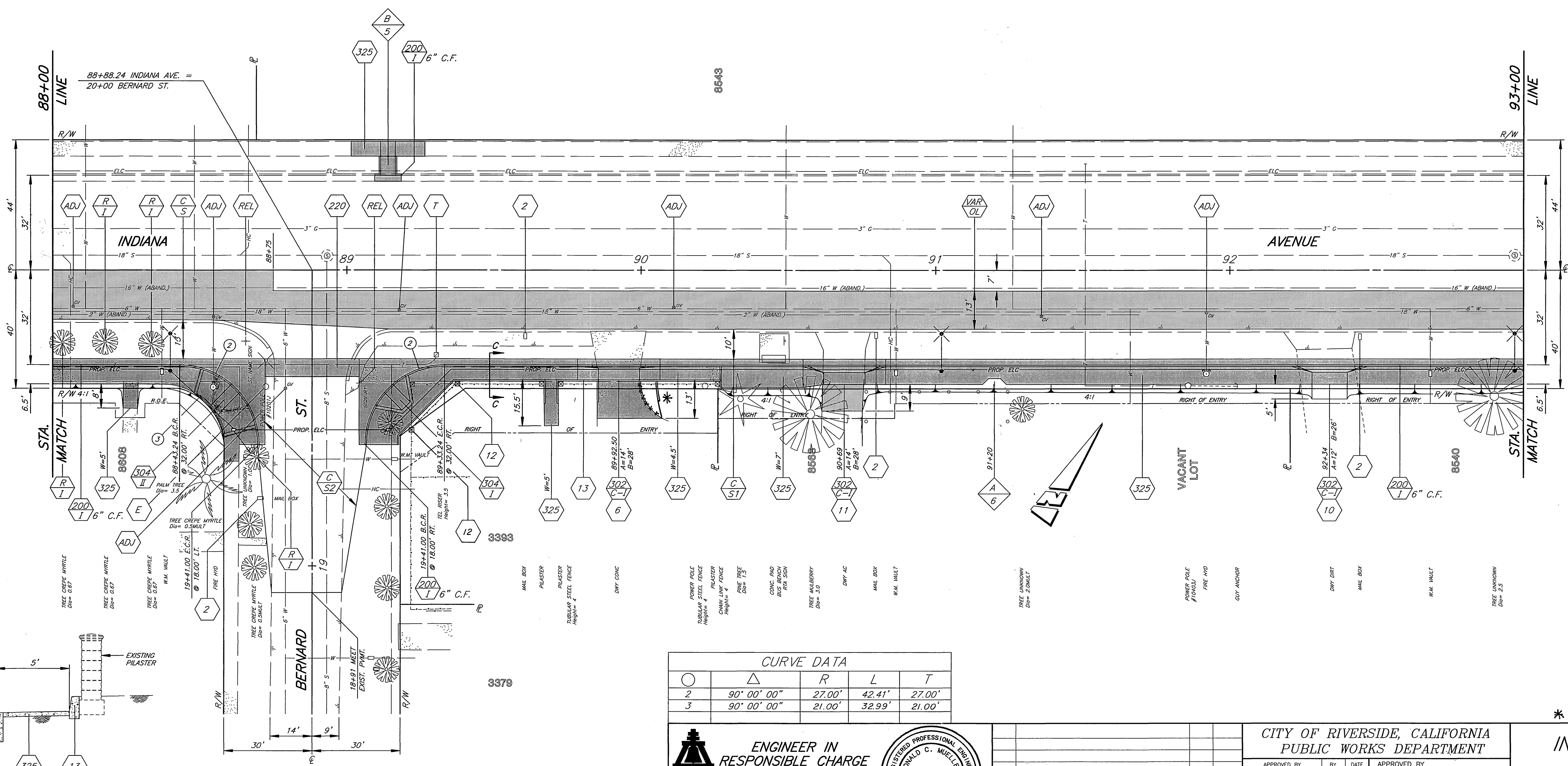
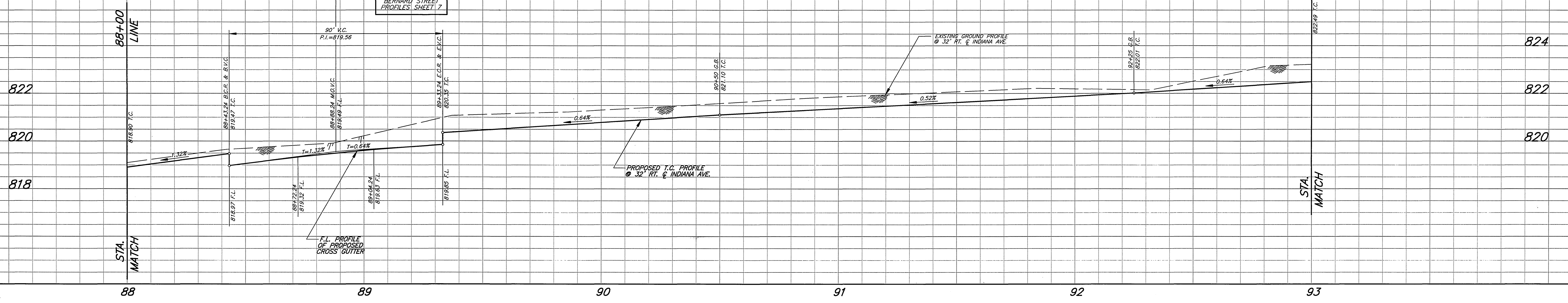
ACCT. NO. 9536030214-440302XX  
R-3484  
SHEET 1 OF 8



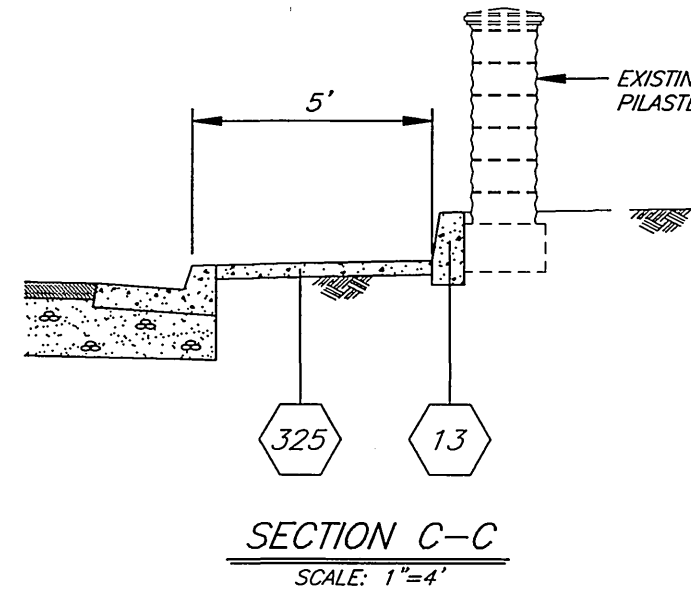


**BENCHMARK**  
 P.K. NAIL AND CITY ENGINEER TAG IN A STREET LIGHT BASE  
 ALONG THE NORTHERLY CURB OF INDIANA AVENUE, 75 FEET  
 WEST OF VANCE STREET PER CRFB LL 44/107.  
 ELEV. - 824.075

FOR CURB RETURN  
 PROFILES SEE  
 BERNARD STREET  
 PROFILES, SHEET 7.



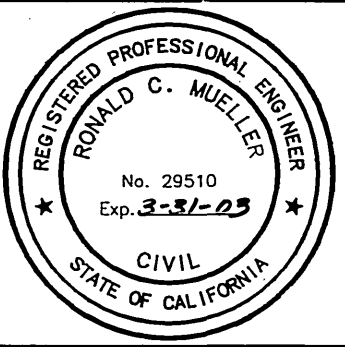
- CONSTRUCTION NOTES**
- 2 RELOCATE EXISTING MAIL BOX PER SPECIAL PROVISIONS.
  - 6 CONSTRUCT 0.50' THICK P.C.C. DRIVEWAY.
  - 10 REGRADE EXISTING DIRT DRIVEWAY TO MEET AS SHOWN.
  - 11 CONSTRUCT 0.33' THICK D.G.A.C. DRIVEWAY.
  - 12 CONSTRUCT TWO (2) PILASTERS ALIGNED WITH EXISTING FENCE AND RELOCATE INTERFERING PORTIONS OF EXISTING TUBULAR STEEL FENCE AS SHOWN.
  - 13 CONSTRUCT 6" WIDE RETAINING CURB AT BACK OF SIDEWALK AND ALONG DRIVEWAY TO PROTECT EXISTING FENCE IN PLACE.
  - ADJ ADJUST SEWER, STORM DRAIN, ELECTRIC OR WATER MANHOLE OR GATE VALVE TO GRADE. ADJUSTMENT TO GRADE OR RELOCATION OF GAS & TELEPHONE COMPANY'S FACILITIES WILL BE DONE BY OTHERS.
  - C 51 CONSTRUCT STRUCTURAL SECTION OF 0.33' D.G.A.C. OVER 1.20' C.A.B. OVER COMPACTED NATIVE SOIL.
  - C 52 CONSTRUCT STRUCTURAL SECTION OF 0.21' D.G.A.C. OVER 0.45' C.A.B. OVER COMPACTED NATIVE SOIL.
  - E POWER POLE TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, ELECTRIC DIVISION.
  - R 1 REMOVE EXISTING TREE. CLASS I - 6" TO 18", CLASS II - OVER 18" TO 36", CLASS III - OVER 36".
  - REL RELOCATE EXISTING TRAFFIC CONTROL SIGNS AS DIRECTED BY THE PUBLIC WORKS INSPECTOR AND PER STANDARD DRAWING NO. 666.
  - T EXISTING TELEPHONE FACILITIES TO BE RELOCATED BY PACIFIC BELL.
  - VAR 6 CONSTRUCT VARIABLE THICKNESS D.G.A.C. OVERLAY (0.10' MINIMUM THICKNESS)
- A - INDICATES DETAIL  
 6 - INDICATES SHEET NO.



**CURVE DATA**

Curve No.	Δ	R	L	T
2	90° 00' 00"	27.00'	42.41'	27.00'
3	90° 00' 00"	21.00'	32.99'	21.00'

**ENGINEER IN RESPONSIBLE CHARGE**  
 Ronald C. Mueller  
 RONALD C. MUELLER  
 R.C.E. No. 29510 expires 3/31/03  
 DATE 1-26-01



MARK REVISIONS

NO.	DATE	DESCRIPTION

CITY OF RIVERSIDE, CALIFORNIA  
 PUBLIC WORKS DEPARTMENT

APPROVED BY: *R. McSwitt*  
 DEPUTY P.W. DIRECTOR  
 PRINCIPAL ENGINEER  
 CONST. CONTRACT ADMIN.  
 SURVEYOR  
 STREET SERVICES  
 TRAFFIC DIVISION  
 PARKS DEPARTMENT

DATE: 2-15-01

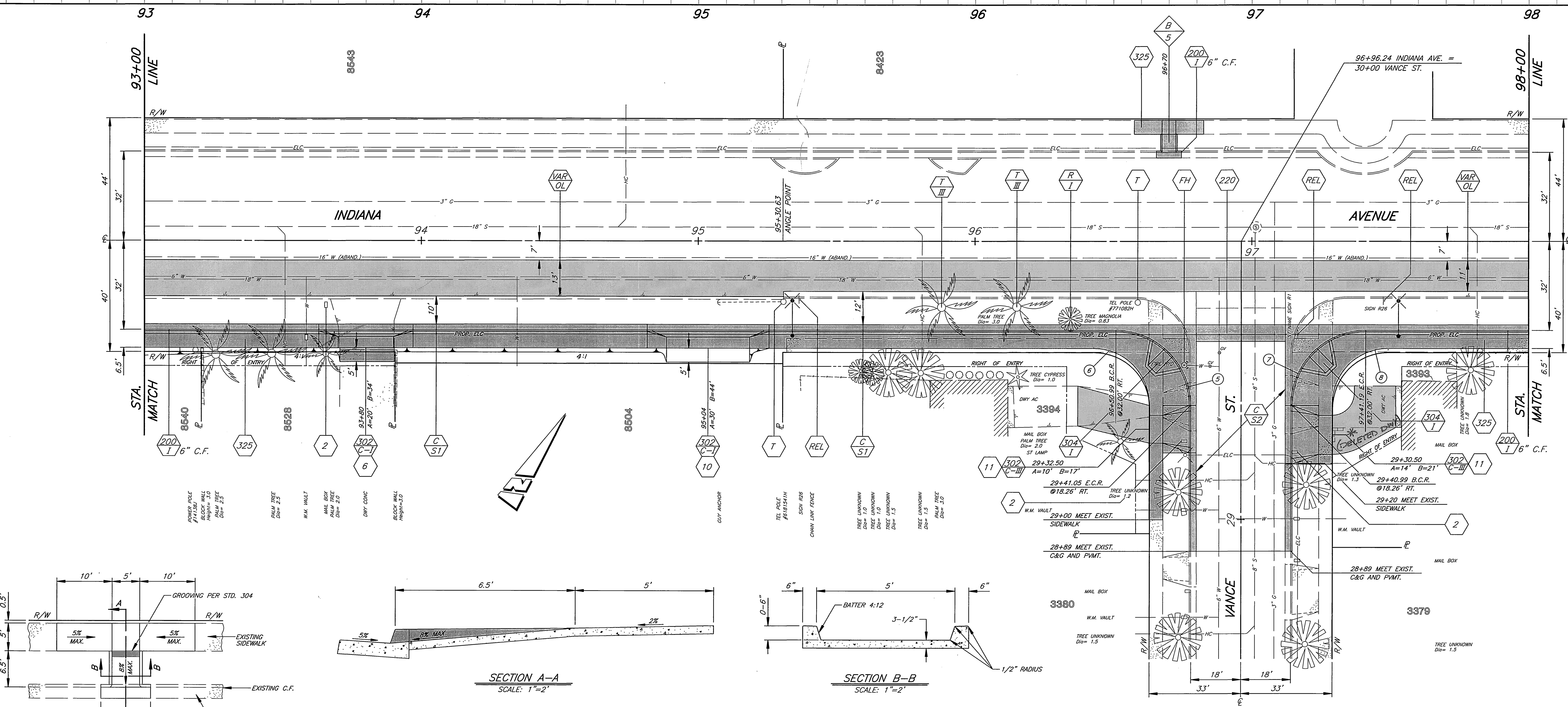
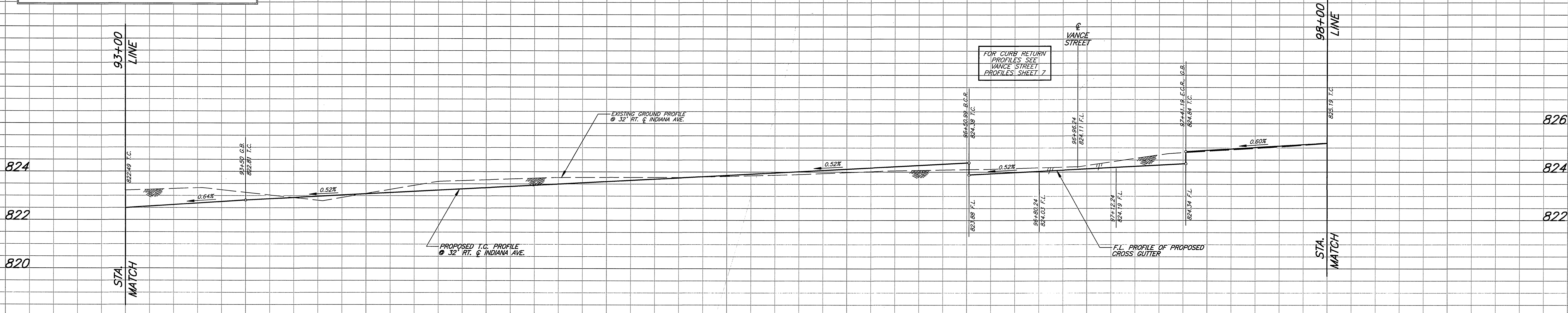
INDIANA AVENUE  
 WIDENING  
 MONROE STREET TO DOYLE STREET

ACCT. NO. 9536030214-440302XX  
**R-3484**  
 SHEET 4 OF 8

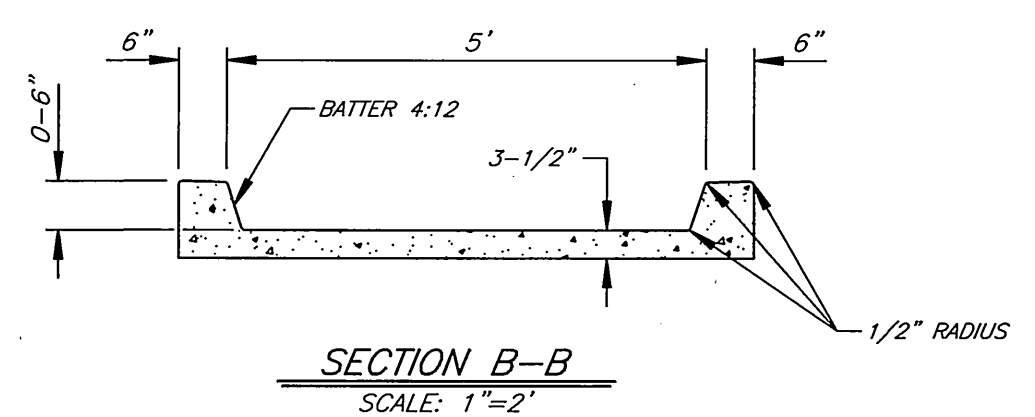
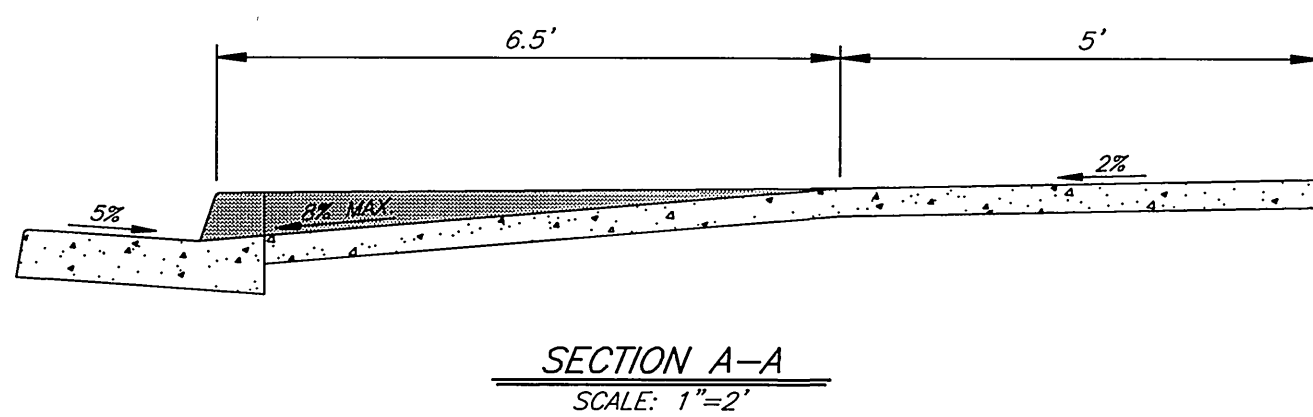
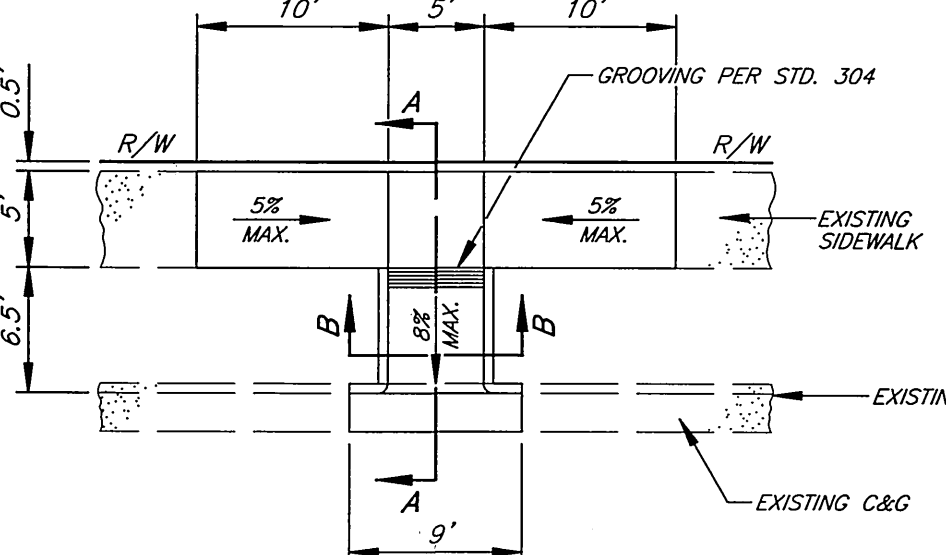
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

\* AS-BUILT 10-08-03 LHL

**BENCHMARK**  
 P.K. NAIL AND CITY ENGINEER TAG IN A STREET LIGHT BASE  
 ALONG THE NORTHERLY CURB OF INDIANA AVENUE, 75 FEET  
 WEST OF VANCE STREET PER CRFB LL 44/107.  
 ELEV. - 824.075



- CONSTRUCTION NOTES**
- 2 RELOCATE EXISTING MAIL BOX PER SPECIAL PROVISIONS.
  - 6 CONSTRUCT 0.50' THICK P.C.C. DRIVEWAY.
  - 10 REGRADE EXISTING DIRT DRIVEWAY TO MEET AS SHOWN.
  - 11 CONSTRUCT 0.33' THICK D.G.A.C. DRIVEWAY.
  - ADJ ADJUST SEWER, STORM DRAIN, ELECTRIC OR WATER MANHOLE OR GATE VALVE TO GRADE. ADJUSTMENT TO GRADE OR RELOCATION OF GAS & TELEPHONE COMPANY'S FACILITIES WILL BE DONE BY OTHERS.
  - C ST1 CONSTRUCT STRUCTURAL SECTION OF 0.33' D.G.A.C. OVER 1.20' C.A.B. OVER COMPACTED NATIVE SOIL.
  - C S2 CONSTRUCT STRUCTURAL SECTION OF 0.21' D.G.A.C. OVER 0.45' C.A.B. OVER COMPACTED NATIVE SOIL.
  - FH FIRE HYDRANT TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, WATER DIVISION.
  - R I REMOVE EXISTING TREE. CLASS I - 6" TO 18", CLASS II - OVER 18" TO 36", CLASS III - OVER 36".
  - REL RELOCATE EXISTING TRAFFIC CONTROL SIGNS AS DIRECTED BY THE PUBLIC WORKS INSPECTOR AND PER STANDARD DRAWING NO. 666.
  - T EXISTING TELEPHONE FACILITIES TO BE RELOCATED BY PACIFIC BELL.
  - T III TRANSPLANT EXISTING PALM TREE ON SITE AS DIRECTED BY THE STREET TREE INSPECTOR AND AS DESCRIBED IN THE ACCOMPANYING SPECIAL PROVISIONS. FOR LOCATION AND DIAMETER SEE PLAN.
  - VAR OL CONSTRUCT VARIABLE THICKNESS D.G.A.C. OVERLAY (0.10' MINIMUM THICKNESS)
  - A INDICATES DETAIL
  - B INDICATES SHEET NO.



CURVE DATA				
Station	Δ	R	L	T
5	89° 54' 03"	27.00'	42.36'	26.95'
6	89° 53' 27"	20.00'	31.38'	19.96'
7	90° 01' 15"	27.00'	42.42'	27.01'
8	89° 58' 39"	20.00'	31.41'	19.99'

**ENGINEER IN RESPONSIBLE CHARGE**  
 Ronald C. Mueller  
 RONALD C. MUELLER  
 R.C.E. No. 29510 expires 3/31/03  
 DATE 1-26-01



MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA  
 PUBLIC WORKS DEPARTMENT

APPROVED BY: *R.M. Bratt*  
 DEPUTY P.W. DIRECTOR  
 DATE: 2-15-01

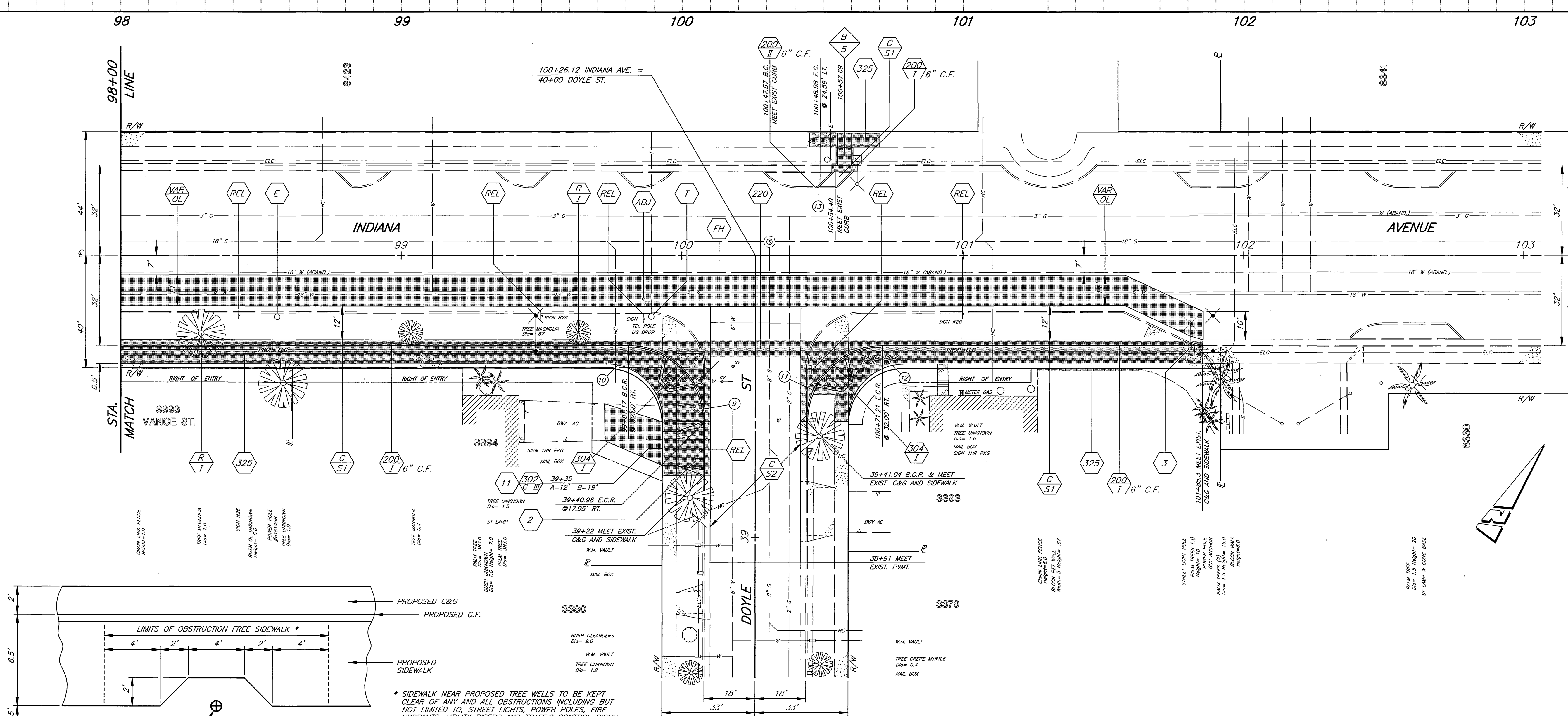
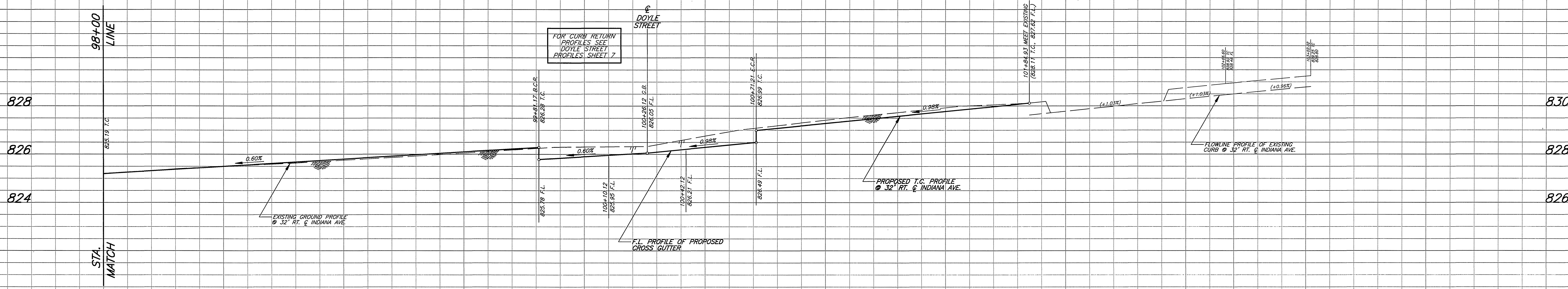
**INDIANA AVENUE  
 WIDENING  
 MONROE STREET TO DOYLE STREET**

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

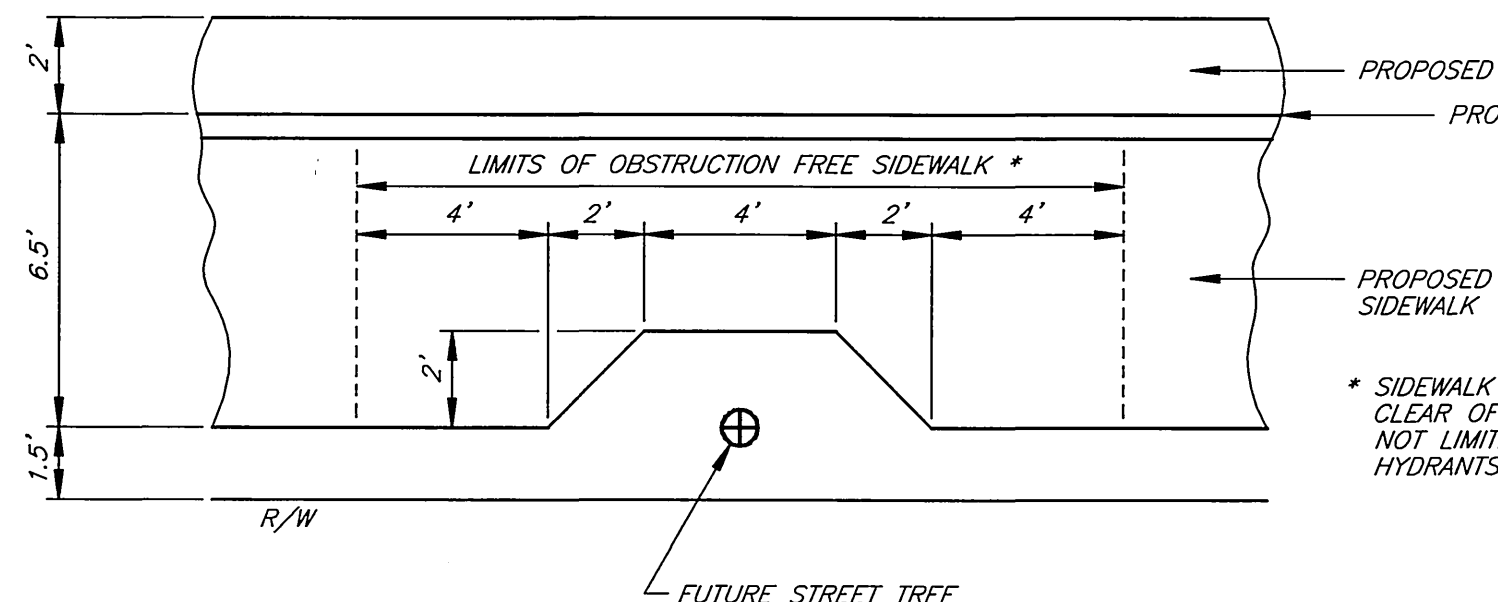
ACCT. NO. 9536030214-440302XX  
**R-3484**  
 SHEET 5 OF 8

\* AS-BUILT 10-08-03 Lfh

**BENCHMARK**  
 P.K. NAIL AND CITY ENGINEER TAG IN A STREET LIGHT BASE  
 ALONG THE NORTHERLY CURB OF INDIANA AVENUE, 75 FEET  
 WEST OF VANCE STREET PER CRFB LL 44/107.  
 ELEV. - 824.075



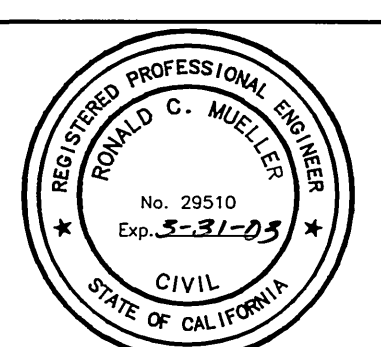
- CONSTRUCTION NOTES**
- 2 RELOCATE EXISTING MAIL BOX PER SPECIAL PROVISIONS.
  - 3 RELOCATE EXISTING STREET LIGHT PER PLAN L5-601151.
  - 11 CONSTRUCT 0.33' THICK D.G.A.C. DRIVEWAY.
  - ADJ ADJUST SEWER, STORM DRAIN, ELECTRIC OR WATER MANHOLE OR GATE VALVE TO GRADE. ADJUSTMENT TO GRADE OR RELOCATION OF GAS & TELEPHONE COMPANY'S FACILITIES WILL BE DONE BY OTHERS.
  - C S1 CONSTRUCT STRUCTURAL SECTION OF 0.33' D.G.A.C. OVER 1.20' C.A.B. OVER COMPACTED NATIVE SOIL.
  - C S2 CONSTRUCT STRUCTURAL SECTION OF 0.21' D.G.A.C. OVER 0.45' C.A.B. OVER COMPACTED NATIVE SOIL.
  - E POWER POLE TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, ELECTRIC DIVISION.
  - FH FIRE HYDRANT TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, WATER DIVISION.
  - R I REMOVE EXISTING TREE, CLASS I - 6" TO 18", CLASS II - OVER 18" TO 36", CLASS III - OVER 36".
  - REL RELOCATE EXISTING TRAFFIC CONTROL SIGNS AS DIRECTED BY THE PUBLIC WORKS INSPECTOR AND PER STANDARD DRAWING NO. 666.
  - T EXISTING TELEPHONE FACILITIES TO BE RELOCATED BY PACIFIC BELL.
  - VAR OL CONSTRUCT VARIABLE THICKNESS D.G.A.C. OVERLAY (0.10' MINIMUM THICKNESS)
  - A 6 INDICATES DETAIL  
 INDICATES SHEET NO.



**CURVE DATA**

Station	Δ	R	L	T
9	90° 02' 05"	27.00'	42.43'	27.02'
10	90° 05' 57"	20.00'	31.45'	20.03'
11	89° 54' 56"	27.00'	42.37'	26.96'
12	90° 01' 53"	27.00'	42.43'	27.02'
13	45° 00' 00"	2.00'	1.57'	0.83'

**ENGINEER IN RESPONSIBLE CHARGE**  
*Ronald C. Mueller*  
 RONALD C. MUELLER  
 R.C.E. No. 29510 expires 3/31/03  
 DATE 1-26-01



MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA  
 PUBLIC WORKS DEPARTMENT

APPROVED BY: *R.M. Smith*  
 R.M. Smith  
 PUBLIC WORKS DIRECTOR

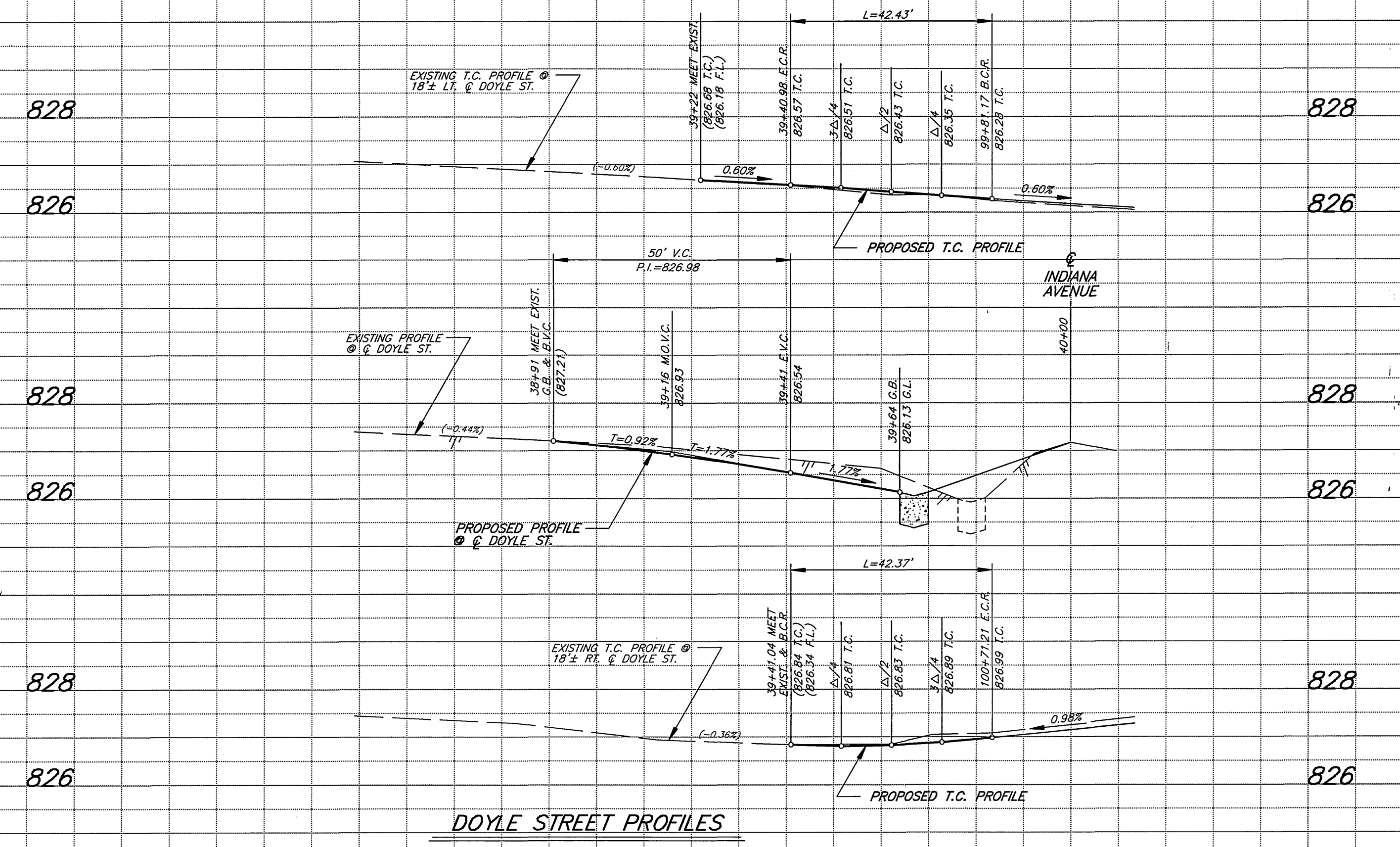
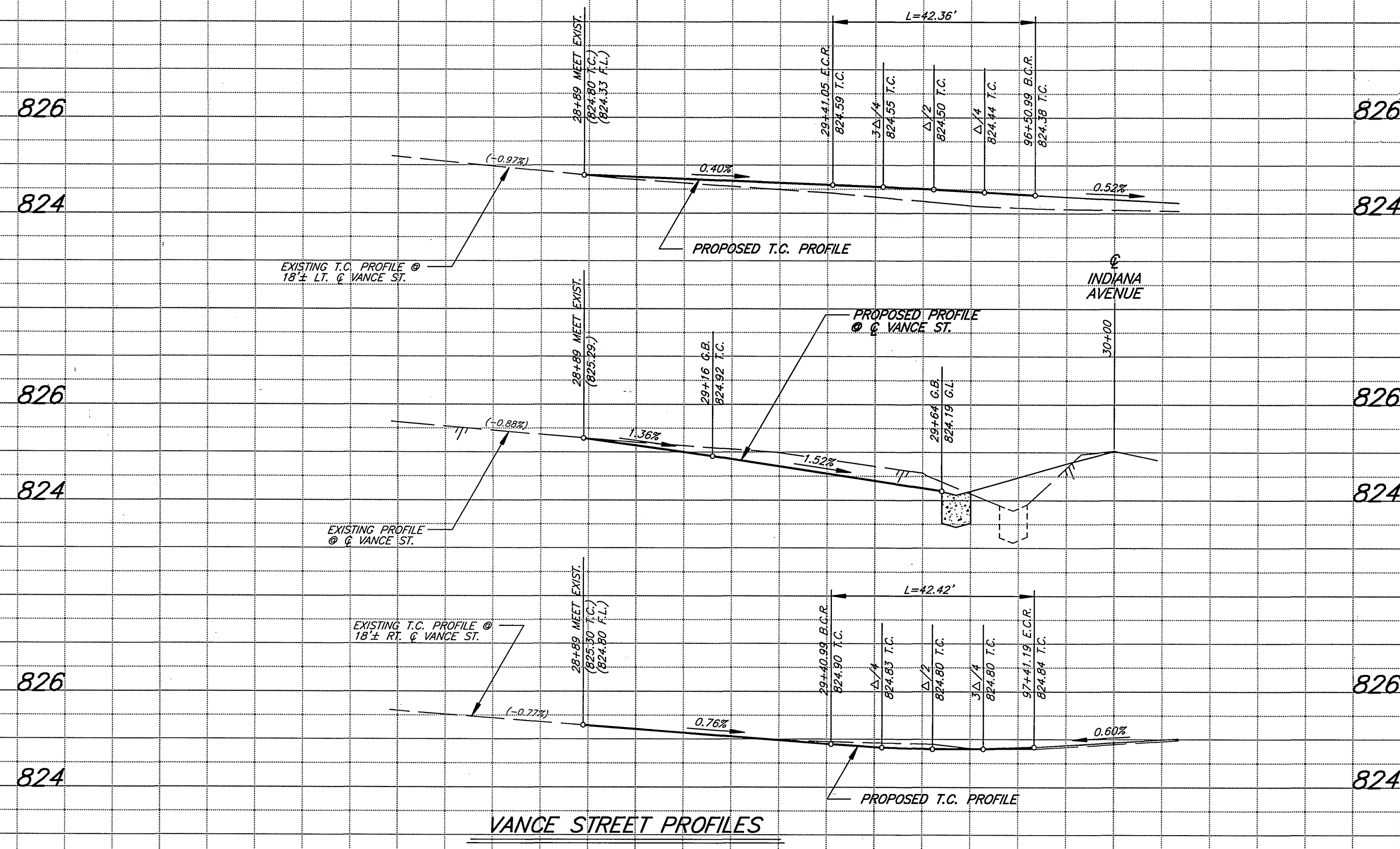
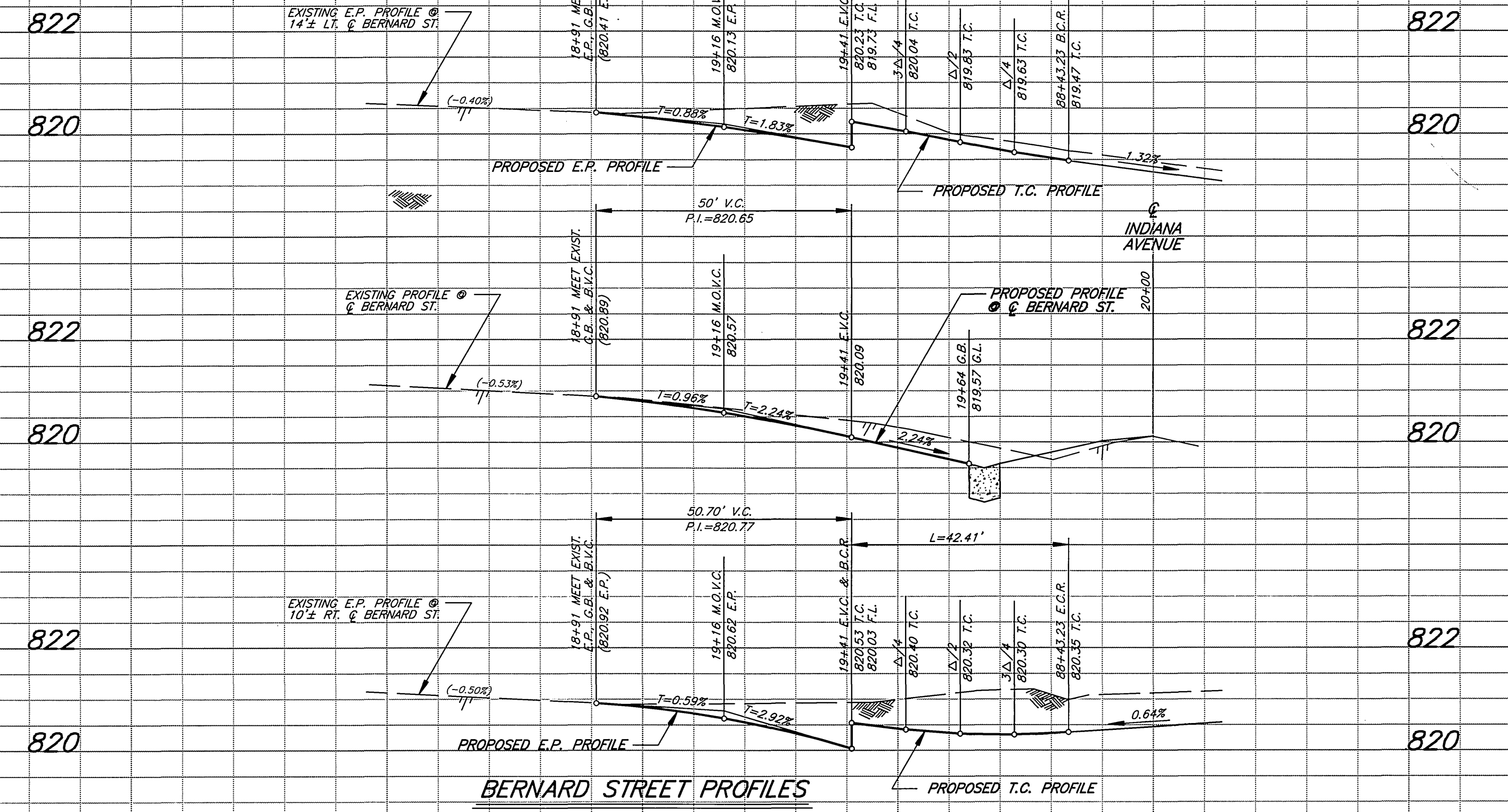
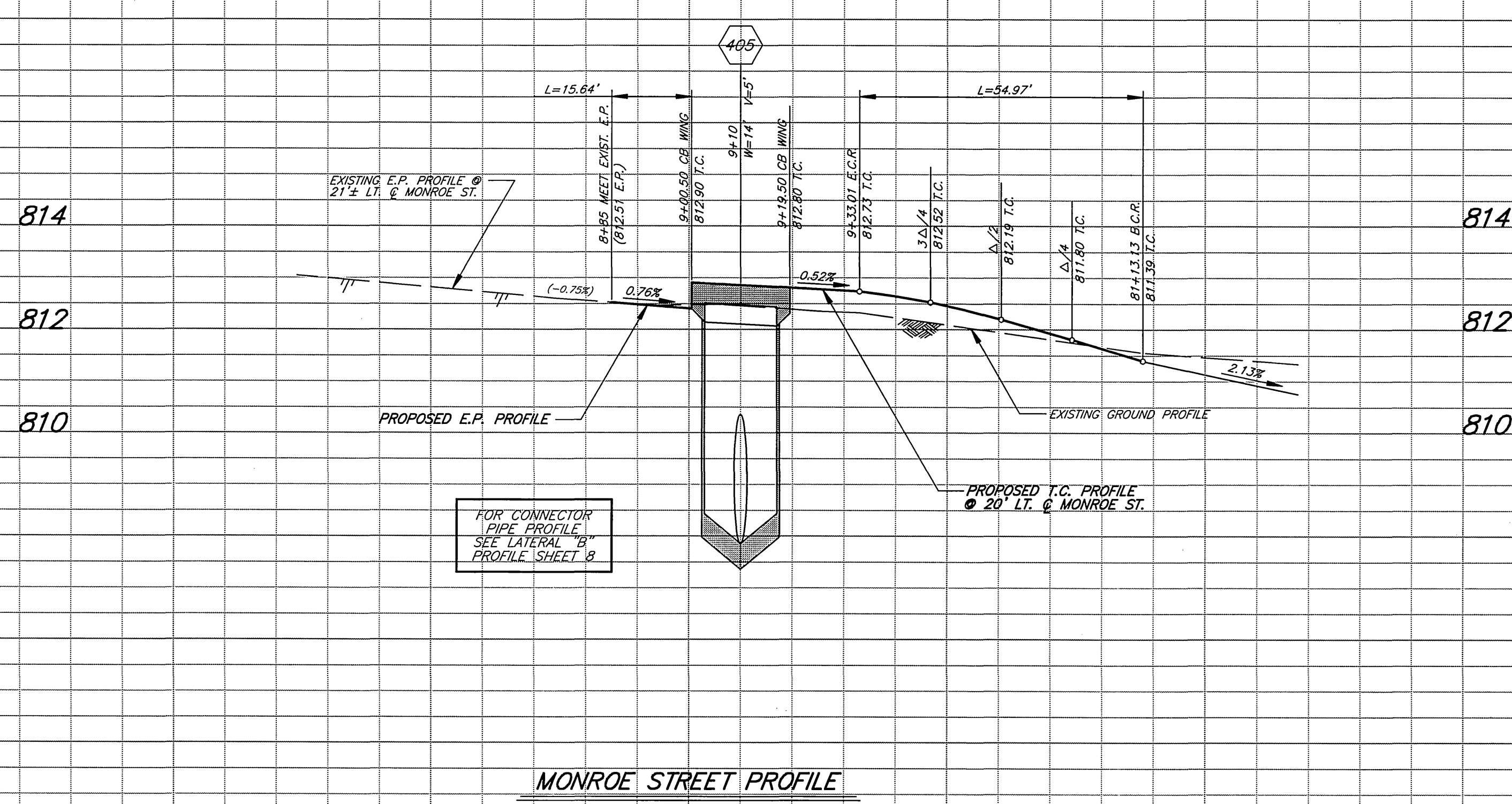
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**INDIANA AVENUE  
 WIDENING  
 MONROE STREET TO DOYLE STREET**

ACC. NO. 9536030214-440302XX  
**R-3484**  
 SHEET 6 OF 8

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

**BENCHMARK**  
 P.K. NAIL AND CITY ENGINEER TAG IN A STREET LIGHT BASE  
 ALONG THE NORTHERLY CURB OF INDIANA AVENUE, 75 FEET  
 WEST OF VANCE STREET PER CRFB LL 44/107.  
 ELEV. - 824.075



8 9 10 18 19 20

28 29 30 38 39 \*AS-BUILT 10-08-03 lft 40

**ENGINEER IN RESPONSIBLE CHARGE**  
 Ronald C. Mueller  
 R.C.E. No. 29510 expires 3/31/03  
 DATE 1-26-01



MARK	REVISIONS	APPR.	DATE

**CITY OF RIVERSIDE, CALIFORNIA**  
**PUBLIC WORKS DEPARTMENT**

APPROVED BY: *R. M. Smith*  
 DEPUTY P.W. DIRECTOR  
 DATE 2-15-01

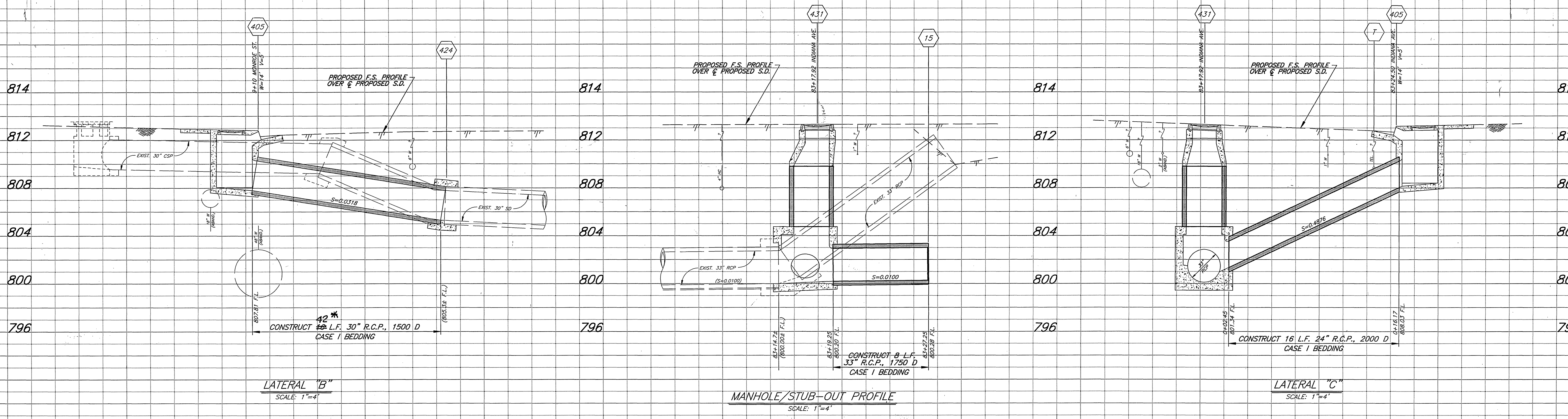
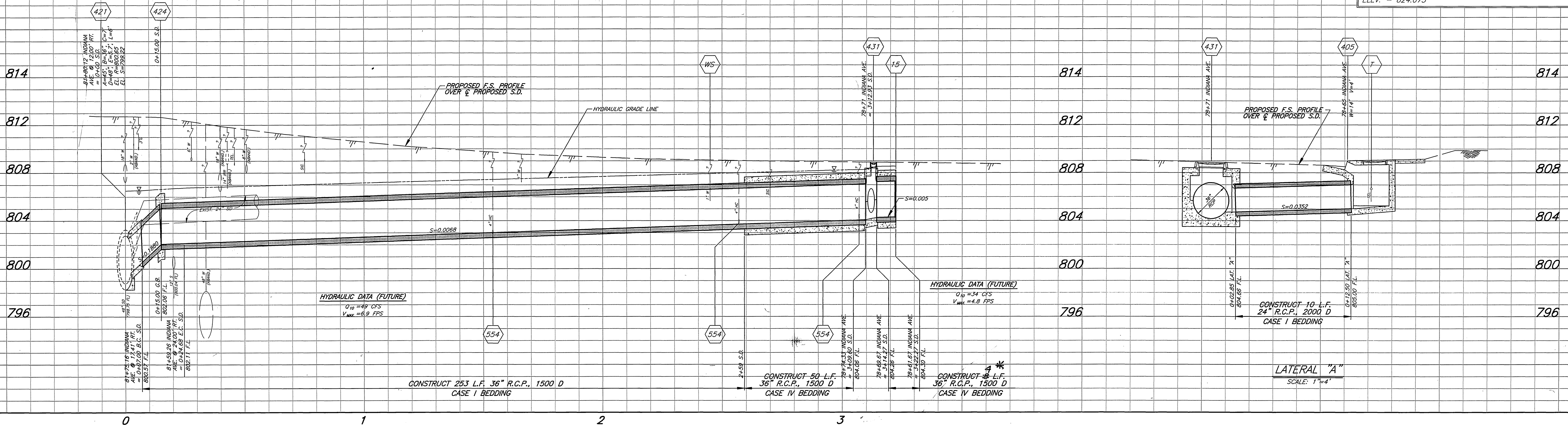
**INDIANA AVENUE WIDENING**  
**MONROE STREET TO DOYLE STREET**

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

ACCT. NO. 9536030214-440302XX  
**R-3484**  
 SHEET 7 OF 8

INDEXED 2-27-2001 lft

**BENCHMARK**  
 P.K. NAIL AND CITY ENGINEER TAG IN A STREET LIGHT BASE  
 ALONG THE NORTHERLY CURB OF INDIANA AVENUE, 75 FEET  
 WEST OF VANCE STREET PER CRFB LL 44/107.  
 ELEV. = 824.075



- CONSTRUCTION NOTES**
- (15) CONSTRUCT BRICK AND MORTAR BULKHEAD.
  - (T) EXISTING TELEPHONE FACILITIES TO BE RELOCATED BY PACIFIC BELL.
  - (WS) WATER SERVICE TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, WATER DIVISION AT TIME OF CONSTRUCTION.

**ENGINEER IN RESPONSIBLE CHARGE**  
 Ronald C. Mueller  
 R.C.E. No. 29510 expires 3/31/03  
 DATE 1-26-01

REGISTERED PROFESSIONAL ENGINEER  
 RONALD C. MUELLER  
 No. 29510  
 Exp. 3-31-03  
 CIVIL  
 STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY R.G. FANN DRAWN BY R.G. FANN CHECKED BY RCF

CITY OF RIVERSIDE, CALIFORNIA  
 PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature] DATE: 2-15-01

DEPUTY P.W. DIRECTOR: [Signature]  
 PRINCIPAL ENGINEER: [Signature]  
 TRUST CONTRACT ADMIN.: [Signature]  
 SURVEYOR: [Signature]  
 STREET SERVICES: [Signature]  
 TRAFFIC DIVISION: [Signature]  
 PARKS DEPARTMENT: [Signature]

\*AS-BUILT 10-08-03 L/H

INDIANA AVENUE  
 WIDENING  
 MONROE STREET TO DOYLE STREET

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

ACCT. NO. 9536030214-440302XX

R-3484

SHEET 8 OF 8