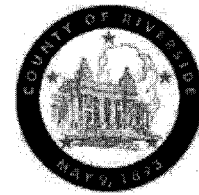


**SUBMITTAL TO THE BOARD OF SUPERVISORS  
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**



**ITEM  
3.32  
(ID # 7818)**

**MEETING DATE:**

Tuesday, September 11, 2018

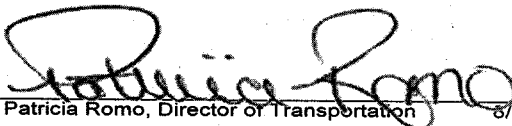
**FROM :** TLMA-TRANSPORTATION:

**SUBJECT:** TRANSPORTATION AND LAND MANAGEMENT AGENCY/ TRANSPORTATION DEPARTMENT: Approve Plans and Specifications, and Authorization to Advertise for Bid for the Construction of Sidewalk at Camino Aventura in Desert Hot Springs Area; and at El Centro Way and La Canada Way in Thousand Palms Area. CEQA Exempt; 4th District; [\$1,647,450 total]; Gas Tax 26%, State Funds 74% (Clerk to Advertise)

**RECOMMENDED MOTION:** That the Board of Supervisors:

1. Find the Camino Aventura Sidewalk and Thousand Palms Area Sidewalk Projects categorically exempt from the California Environmental Quality Act (CEQA) pursuant to State CEQA Guidelines Section 15301 (c) - Existing Facilities; and
2. Approve the plans and specifications for the Construction of Sidewalk at Camino Aventura in Desert Hot Springs Area; and at El Centro Way and La Canada Way in Thousand Palms Area; and
3. Authorize the Clerk of the Board to advertise for bids to be received by the office of the Director of Transportation and Land Management at the Transportation Annex located at 3525 14th Street, Riverside, CA 92501. All bids must be received up to the hour of 2:00 p.m., Wednesday, October 3, 2018 at which time bids will be opened; and
4. Direct the Clerk of the Board of Supervisors to file the Notice of Exemption with the County Clerk for posting within five (5) working days.

**ACTION:** Policy

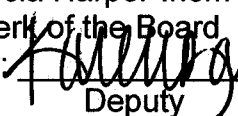
  
Patricia Romo, Director of Transportation 8/16/2018

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**MINUTES OF THE BOARD OF SUPERVISORS**

On motion of Supervisor Jeffries, seconded by Supervisor Perez and duly carried, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Washington, Perez and Ashley  
Nays: None  
Absent: Tavaglione  
Date: September 11, 2018  
xc: Transp., COB, Recorder

Kecia Harper-Ihem  
Clerk of the Board  
By:   
Deputy

**SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,  
STATE OF CALIFORNIA**

<b>FINANCIAL DATA</b>	<b>Current Fiscal Year:</b>	<b>Next Fiscal Year:</b>	<b>Total Cost:</b>	<b>Ongoing Cost</b>
<b>COST</b>	\$ 1,647,450	\$ 0	\$ 1,647,450	\$ 0
<b>NET COUNTY COST</b>	\$ 0	\$ 0	\$ 0	\$ 0
<b>SOURCE OF FUNDS:</b> Gas Tax / HUTA (26%), State Active Transportation Plan (ATP) (74%). There are no General Funds used in this project.			<b>Budget Adjustment:</b>	No
			<b>For Fiscal Year:</b>	18/19

**C.E.O. RECOMMENDATION:** Approve

**BACKGROUND:**

**Summary**

The Transportation Improvement Program (TIP) provides for the construction of Sidewalk on Camino Aventura from Avenida Descanso to Bubbling Wells Road in the Desert Hot Springs Area, and on El Centro Way and La Canada Way from Via Ventana to San Miguelito Drive in the Thousand Palms Area of the County of Riverside. These two sidewalk projects were combined to bid as one project to reduce costs and receive more favorable unit costs associated with larger quantities of work.

The scope of work includes removal and replacement of existing asphalt concrete pavement in localized areas, reconstruction of driveways, cross gutters, removal of trees, relocation of roadside signs, placement of pavement markings, and any other work as may be required.

The submitted plans and specifications have been approved as to form by County Counsel.

The bid documents include the following bid schedules of work:

- Base Bid Schedule A: Camino Aventura Sidewalk and associated work.
- Base Bid Schedule B: Thousand Palms Area Sidewalk and associated work.
- Alternate Bid Schedule 1: Mission Springs Water District (MSWD) utility covers adjustments located within Camino Aventura.

The Transportation Department will select the contractor based upon the lowest responsive and responsible bid of the sum of all bid schedules. Mission Springs Water District will reimburse the County for the cost to adjust utility covers if this item is selected for award.

Project No.: C6-0067 (Camino Aventura).  
State project No. ATPL-5956(259)

Project No.: C6-0068 (Thousand Palms Area) El Centro Way and La Canada Way.  
State project No. ATPL-5956(257)

**SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,  
STATE OF CALIFORNIA**

**Environmental Findings**

CEQA Guidelines Section 15301(c) describes the minor alteration of existing public facilities with negligible or no expansion of an existing use as a categorical exemption under CEQA; the projects qualify under this exemption since they are minor alterations of existing public roads and the improvements do not result in an expansion of use of the roads.

**Impact on Citizens and Businesses**

The project goal is to enhance public health, increase mobility for non-motorized users, increase public safety, and reduce greenhouse gases through active modes of transportation and improve access to adjacent schools.

The work is scheduled to begin early January 2019 and will take approximately three months to complete.

**SUPPLEMENTAL:**

**Additional Fiscal Information**

The construction contract is estimated to cost approximately \$1,647,450. Construction is expected to begin and finish in FY 2018/2019 and will be funded with, Gas Tax / HUTA and State Active Transportation Plan (ATP) funds for which the Transportation Department successfully competed.

There are no General Funds used in this project.

**ATTACHMENTS:**

Vicinity Map  
Notice to Bidders  
Notice of Exemption  
Journal Voucher

  
\_\_\_\_\_  
Scott Bruckner

9/4/2018

  
\_\_\_\_\_  
Gregory V. Priamos, Director County Counsel

8/23/2018

COUNTY OF RIVERSIDE  
TRANSPORTATION DEPARTMENT

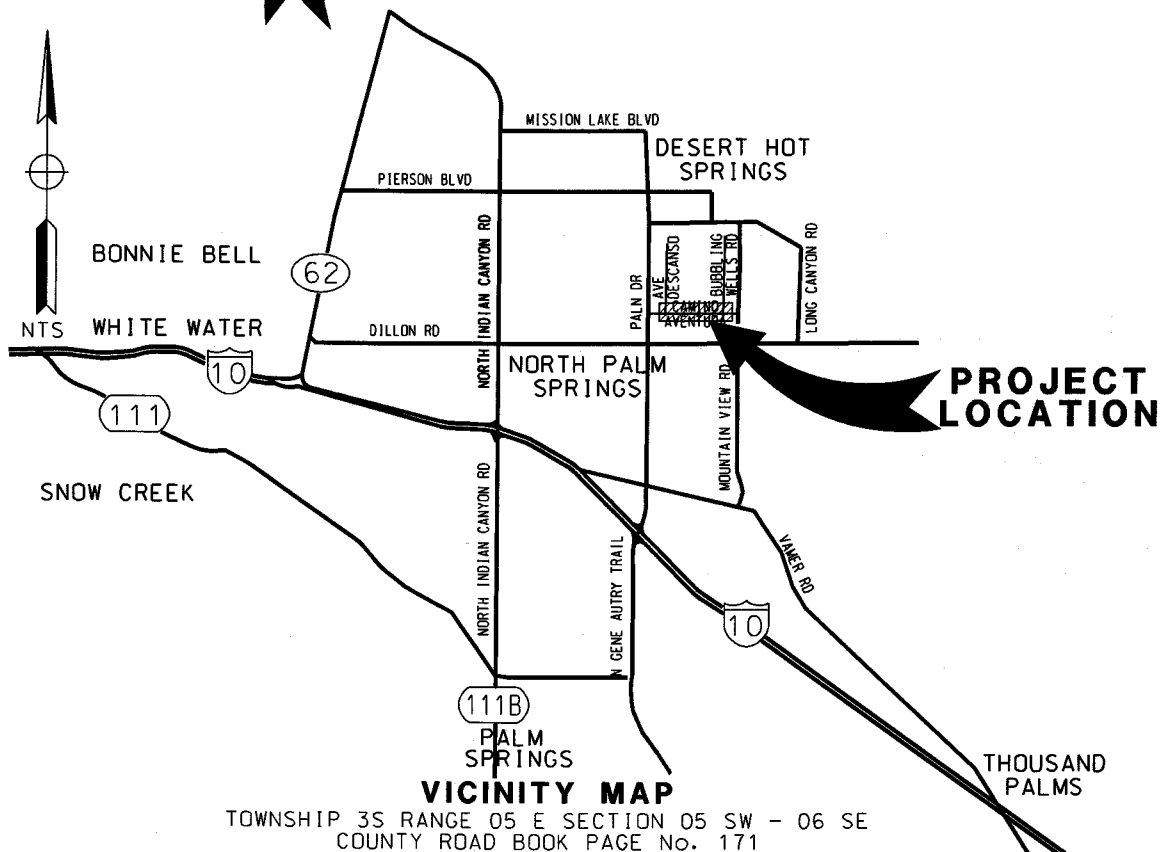
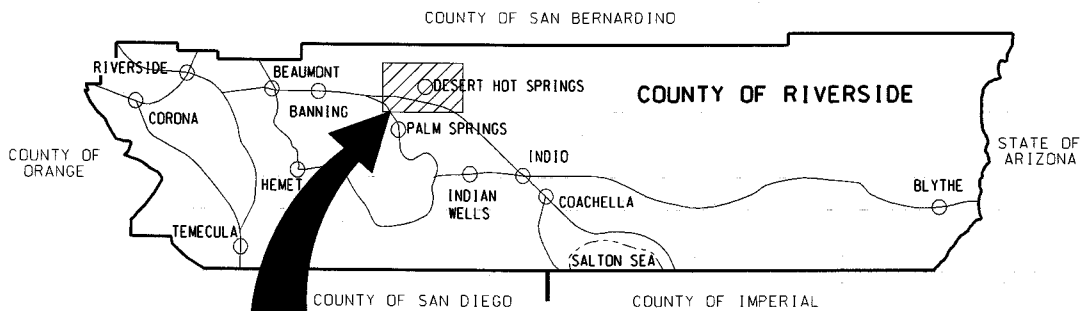
**CAMINO AVENTURA  
SIDEWALK IMPROVEMENTS**

FROM AVENIDA DESCANSO  
TO BUBBLING WELLS ROAD

COMMUNITY OF DESERT HOT SPRINGS

PROJECT NUMBER C6-0067

STATE NO. ATPL-5956(259)



COUNTY OF RIVERSIDE  
TRANSPORTATION DEPARTMENT

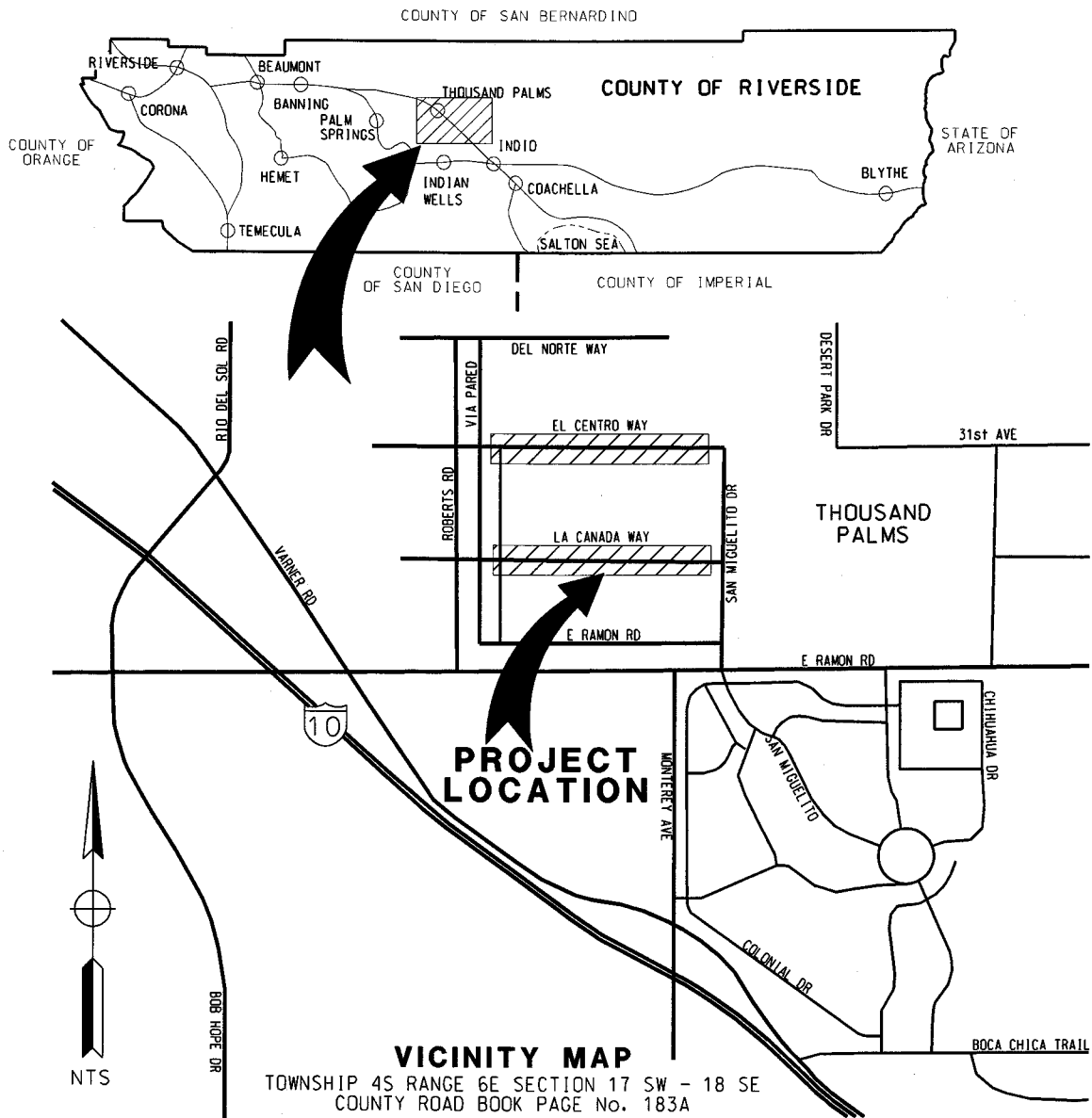
LA CANADA WAY AND  
EL CENTRO WAY  
SIDEWALK IMPROVEMENTS

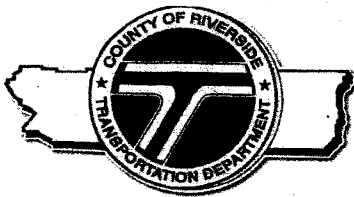
FROM VIA VENTANA  
TO SAN MIGUELITO DRIVE

COMMUNITY OF THOUSAND PALMS

PROJECT NUMBER C6-0068

STATE NO. ATPL-5956(257)





**COUNTY OF RIVERSIDE**  
**TRANSPORTATION AND**  
**LAND MANAGEMENT AGENCY**

*Patricia Romo, P.E.*  
*Director of Transportation*

*Mojahed Salama, P.E.*  
*Deputy for Transportation/Capital Projects*  
*Richard Lantis, P.L.S.*  
*Deputy for Transportation/Planning and*  
*Development*

**Transportation Department**  
**NOTICE OF EXEMPTION**

DATE: August 9, 2018

TO: Mary Ann Meyer, Office of the County Clerk  
FROM: Mary Zambon, Environmental Division Manager  
RE: Camino Aventura Sidewalk  
W.O.#ZC6-0067, Task Code #Z1530  
El Centro Sidewalk  
W.O. #ZC6-0068, Task Code #Z1530

Original Negative Declaration/Notice of  
Determination was routed to County  
Clerks for posting on.  
9/11/18      W  
Date                      Initial

The Riverside County Transportation Department is requesting that you post the attached Notice of Exemption per County Implementing Resolution No. 82-213, Division 11, Section 205C. Attached you will find an authorization to bill by journal voucher in the amount of \$50.00 for your posting fee.

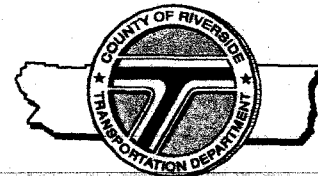
After posting, please return the document to Mail Stop #2136, Attention: Jan Bulinski. If you have any questions, please contact me at (951) 955-6859.

Attachment

cc: file



**COUNTY OF RIVERSIDE**  
**TRANSPORTATION AND**  
**LAND MANAGEMENT AGENCY**  
**Transportation Department**



*Juan C. Perez, P.E., T.E.*  
*Director of Transportation*

**NOTICE OF EXEMPTION**

August 9, 2018

**PROJECT TITLE:** Camino Aventura Sidewalk Project  
Work Order #ZC6-0067, Task Code #Z1530

**PROJECT SPONSOR:** Riverside County Transportation Department

**PROJECT LOCATION:** Located in the Desert Hot Springs area of eastern Riverside County

**SUPERVISORIAL DISTRICT:** Fourth

**PROJECT DESCRIPTION:** The Riverside County Transportation Department (RCTD) proposes to construct a 6 foot sidewalk, curb and gutter on Camino Aventura from Avenida Descanso to Bubbling Wells Road for a total distance of approximately 0.75 miles in the Desert Hot Springs area. This project will provide sidewalk to adjacent schools. Additional work includes ADA curb ramps, cross gutter, signs, pavement markings, and utility relocation. Additional asphalt concrete paving will be placed along the roadway up to 5 feet in width to provide a standard width roadway adjacent to the new sidewalk.

In accordance with Section 7.1 of the Coachella Valley MSHCP, public facility construction, operations, and maintenance and safety activities for existing and future facilities are considered a covered activity outside conservation areas. A pre-construction nesting bird survey will be required if vegetation removal is conducted during the nesting bird season.

The Riverside County Transportation Department Staff conducted a review of the above referenced project and has determined that the proposal qualifies for a Categorical Exemption per the California Environmental Quality Act (CEQA) Guidelines.

**The Riverside County Transportation Department has found that the above-described project is exempt from the provisions of the California Environmental Quality Act (CEQA), based on the following:**

**California Environmental Quality Act Guidelines:**

**Section 15301 (c) – Existing Facilities** – The project proposes to widen to a standard width roadway with adjacent concrete curbs, gutters and sidewalk. This minor alteration to the existing public structure involves negligible or no expansion of use and is exempt from CEQA under Section 15301(c). The improvements are consistent with Section 15301(c) because the project is repair and maintenance of an existing road and associated facilities.

By: Jan Bulinski, Senior Transportation Planner

Signed: Mary Zambon  
Mary Zambon, Environmental Division Manager

**RIVERSIDE COUNTY CLERK & RECORDER**

**AUTHORIZATION  
TO BILL  
BY JOURNAL VOUCHER**

-TO BE FILLED IN BY SUBMITTING AGENCY-

AUTHORIZATIONNUMBER: W.O.#ZC6-0067, Task Code Z1530

AMOUNT: \$50.00

DATE: August 9, 2018

AGENCY: Riverside County Transportation Department

THIS AUTHORIZES THE COUNTY CLERK & RECORDER TO ISSUE A VOUCHER FOR PAYMENT OF ALL FILING AND HANDLING FEES FOR THE ACCOMPANYING DOCUMENT(S).

NUMBER OF DOCUMENTS INCLUDED: One (1)

AUTHORIZED BY: Mary Zambon, Environmental Division Manager

Signature: Mary Zambon

PRESENTED BY: Jan Bulinski

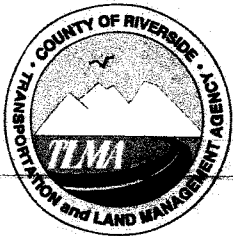
-TO BE FILLED IN BY COUNTY CLERK-

ACCEPTED BY: \_\_\_\_\_

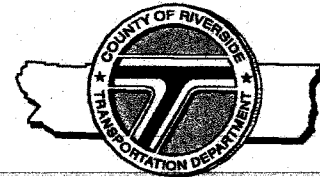
DATE: \_\_\_\_\_

RECEIPT # (S) \_\_\_\_\_





# COUNTY OF RIVERSIDE TRANSPORTATION AND LAND MANAGEMENT AGENCY



## Transportation Department

Juan C. Perez, P.E., T.E.  
Director of Transportation

### NOTICE OF EXEMPTION

August 9, 2018

**PROJECT TITLE:** Thousand Palms Sidewalk Project  
Work Order #ZC6-0068, Task Code #Z1530

Original Negative Declaration/Notice of Determination was routed to County Clerks for posting on.

**PROJECT SPONSOR:** Riverside County Transportation Department

9/11/18 \_\_\_\_\_  
Date Initial

**PROJECT LOCATION:** Located in the Thousand Palms area of eastern Riverside County

**SUPERVISORIAL DISTRICT:** Fourth

**PROJECT DESCRIPTION:** The Riverside County Transportation Department (RCTD) proposes to construct a 6 foot sidewalk, curb, and gutter on El Centro and La Canada Ways from Via Ventana to San Miguelito Drive for a total distance of approximately 0.95 miles in the Thousand Palms area. This project will provide sidewalk to adjacent schools. Additional work includes ADA curb ramps, cross gutter, signs, utility relocation, and pavement markings. Additional asphalt concrete paving will be placed along the roadway up to 5 feet in width to provide a standard width roadway adjacent to the new sidewalk.

In accordance with Section 7.1 of the Coachella Valley MSHCP, public facility construction, operations, and maintenance and safety activities for existing and future facilities are considered a covered activity outside conservation areas. A pre-construction nesting bird survey will be required if vegetation removal is conducted during the nesting bird season.

The Riverside County Transportation Department Staff conducted a review of the above referenced project and has determined that the proposal qualifies for a Categorical Exemption per the California Environmental Quality Act (CEQA) Guidelines.

The Riverside County Transportation Department has found that the above-described project is exempt from the provisions of the California Environmental Quality Act (CEQA), based on the following:

#### California Environmental Quality Act Guidelines:

**Section 15301 (c) – Existing Facilities** – The project proposes to widen to a standard width roadway with adjacent concrete curbs, gutters and sidewalk. This minor alteration to the existing public structure involves negligible or no expansion of use and is exempt from CEQA under Section 15301(c). The improvements are consistent with Section 15301(c) because the project is repair and maintenance of an existing road and associated facilities.

By: Jan Bulinski Senior Transportation Planner

Signed: Mary Zambon  
Mary Zambon, Environmental Division Manager

SEP 11 2018 3.32

**RIVERSIDE COUNTY CLERK & RECORDER**

**AUTHORIZATION  
TO BILL  
BY JOURNAL VOUCHER**

-TO BE FILLED IN BY SUBMITTING AGENCY-

AUTHORIZATION NUMBER: W.O.#ZC6-0068, Task Code Z1530

AMOUNT: \$50.00

DATE: August 9, 2018

AGENCY: Riverside County Transportation Department

THIS AUTHORIZES THE COUNTY CLERK & RECORDER TO ISSUE A VOUCHER FOR PAYMENT OF ALL FILING AND HANDLING FEES FOR THE ACCOMPANYING DOCUMENT(S).

NUMBER OF DOCUMENTS INCLUDED: One (1)

AUTHORIZED BY: Mary Zambon, Environmental Division Manager

Signature: Mary Zambon

PRESENTED BY: Jan Bulinski

-TO BE FILLED IN BY COUNTY CLERK-

ACCEPTED BY: \_\_\_\_\_

DATE: \_\_\_\_\_

RECEIPT # (S) \_\_\_\_\_



OFFICE OF THE  
CLERK OF THE BOARD OF SUPERVISORS  
1st FLOOR, COUNTY ADMINISTRATIVE CENTER  
P.O. BOX 1147, 4080 LEMON STREET  
RIVERSIDE, CA 92502-1147  
PHONE: (951) 955-1060 FAX: (951) 955-1071

**KECIA HARPER-IHEM**  
Clerk of the Board of Supervisors

**KIMBERLY A. RECTOR**  
Assistant Clerk of the Board

September 12, 2018

THE PRESS ENTERPRISE  
ATTN: LEGALS  
PO BOX 792  
RIVERSIDE, CA 92501

TEL: (951) 368-9225  
E-MAIL: [legals@pe.com](mailto:legals@pe.com)

**RE: NOTICE INVITING BIDS: Camino Aventura Sidewalk and Thousand Palms Sidewalks C6-0067 and C6-0068**

To Whom It May Concern:

Attached is a copy for publication in your newspaper for **TEN (10) TIMES:**

Monday	- September 17, 2018	Saturday	- September 22, 2018
Tuesday	- September 18, 2018	Sunday	- September 23, 2018
Wednesday	- September 19, 2018	Monday	- September 24, 2018
Thursday	- September 20, 2018	Tuesday	- September 25, 2018
Friday	- September 21, 2018	Wednesday	- September 26, 2018

We require your affidavit of publication immediately upon completion of the last publication.

**NOTE: PLEASE COMPOSE THIS PUBLICATION INTO A SINGLE COLUMN FORMAT.**

Thank you in advance for your assistance and expertise.

Sincerely,

*Cecilia Gil*

Board Assistant to:  
KECIA HARPER-IHEM, CLERK OF THE BOARD

# Advertising Order Confirmation

# The Press Enterprise

09/12/18 4:17:14PM  
Page 1

Ad Order Number  
0011174078

Customer  
BOARD OF SUPERVISORS

Payor Customer  
BOARD OF SUPERVISORS

PO Number

Sales Representative  
Nick Eller

Customer Account  
5209148

Payor Account  
5209148

Ordered By  
Ceclia Gil

Order Taker  
Nick Eller

Customer Address  
COUNTY OF RIVERSIDE  
PO BOX 1147  
RIVERSIDE, CA 92502

Payor Address  
COUNTY OF RIVERSIDE  
PO BOX 1147  
RIVERSIDE, CA 92502

Customer Fax

Order Source  
Select Source

Customer Phone  
951-955-1066

Payor Phone  
951-955-1066

Customer Email

Current Queue  
Ready

Invoice Text  
Bids for Camino Aventura & Thousand Palms C6-0067  
and C6-0068

Tear Sheets  
0

Affidavits  
0

Blind Box

Materials

Promo Type

Special Pricing

# Advertising Order Confirmation

# The Press Enterprise

09/12/18 4:17:14PM  
Page 2

Ad Number 0011174078-01  
Ad Size 4 X 63 LI

Color

Production Color

Ad Attributes

Production Method AdBooker

Production Notes

External Ad Number

Pick Up

Ad Type Legal Liner

Released for Publication

Notice to Bidders

County of Riverside, herein called Owner, invites sealed proposals for:

Camino Aventuro Sidewalk Project  
Desert Hot Springs Area  
County Project No. C4-0067, State Project No. ATP-L-5956(239)  
Thousand Palms Area Sidewalks Project  
El Centro Way and La Canada Way  
And  
Thousand Palms Area  
County Project No. C4-0068, State Project No. ATP-L-5956(237)

Bid shall be delivered to the County of Riverside Transportation Department, 14th Street Annex, 3525 Main Street, Riverside, CA 92501, telephone (951) 956-4700, 14th Street Annex 2nd floor, room 2018 to the attention of the County of Riverside Public Works Department. Each bid shall be in accordance with plans, specifications and other contract documents, dated August 2018, and prepared by County of Riverside, whose address is same as the above from whom they may be obtained upon deposit of \$40.00 per set with 24" x 36" plans plus mailing costs. No refund. Prospective bidders may preview the plans, specifications and other contract documents at no charge prior to purchase at the above noted location.

Pursuant to Labor Code section 1771.1, any Contractor bidding, or subcontractor to be listed on a bid proposal subject to Public Contract Code section 4104, shall not be qualified to bid after March 1, 2015, unless currently registered and qualified to perform public works pursuant to Labor Code section 1725.5. No Contractor or subcontractor may be awarded a contract or perform work on any contract for public work, after April 1, 2015, without proof of current registration with the Department of Industrial Relations pursuant to Labor Code section 1725.5 to perform public works.

The County of Riverside, in accordance with Title VI of the Civil Rights Act of 1964 (78 Stat. 252) and the Regulations of the Department of Commerce (15 C.F.R., Part 8) and related statutes, issued pursuant to such Act, hereby notifies all bidders that minority, business women owned and operated firms, and other firms, who are interested in submitting bids, will be encouraged to submit their bids without discrimination on the grounds of race, color, sex, national origin, religion, age, or disability.

The Contractor is required to have a Class "A" or "C12" license at the time of bid submission.

Engineering Estimate: \$ 549,500.00 - \$ 641,000.00 (Base Bid Sch. A)  
\$ 933,000.00 - \$ 1,088,500.00 (Base Bid Sch. B)  
\$ 18,000.00 - \$ 21,000.00 (Alternative Bid Sch. 1)

Bid Bond 10%  
Performance Bond 100%  
Payment Bond 100%  
Working Days 65 Working Days  
Website: <http://ctima.org/trans/Contractors-Corner/Notices-Inviting-Bids>

Alternative formats available upon request to individuals with disabilities.

Dated: September 12, 2018  
KECIA HARPER-IHEM  
Chief of the Board of Supervisors  
By: Cecilia Gil, Board Assistant

9/17 - 9/26

Product	Requested Placement	Requested Position	Run Dates	# Inserts
PE Riverside-Full Run	Legals CLS	County Legal - 1076-	09/17/18, 09/18/18, 09/19/18, 09/20/18, 09/21/18, 09/22/18, 09/23/18, 09/24/18, 09/25/18, 09/26/18	10

## Order Charges:

Net Amount	Tax Amount	Total Amount	Payment Amount	Amount Due
3,000.80	0.00	3,000.80	0.00	\$3,000.80

If this confirmation includes an advertising proof, please check your proof carefully for errors, spelling, and/or typos. Errors not marked on the returned proof are not subject to credit or refunds.

Please note: To meet our printer's deadline, we must have your proof returned by the published deadline, and as indicated by your sales rep.

Please note: If you pay by bank card, your card statement will show the merchant as "SoCal Newspaper Group".



OFFICE OF THE  
CLERK OF THE BOARD OF SUPERVISORS  
1st FLOOR, COUNTY ADMINISTRATIVE CENTER  
P.O. BOX 1147, 4080 LEMON STREET  
RIVERSIDE, CA 92502-1147  
PHONE: (951) 955-1060 FAX: (951) 955-1071

**KECIA HARPER-IHEM**  
Clerk of the Board of Supervisors

**KIMBERLY A. RECTOR**  
Assistant Clerk of the Board

September 12, 2018

THE DESERT SUN  
ATTN: LEGALS  
PO BOX 2734  
PALM SPRINGS, CA 92263

TEL: (760) 322-2222  
E-MAIL: [legals@thedesertsun.com](mailto:legals@thedesertsun.com)

**RE: NOTICE INVITING BIDS: Camino Aventura Sidewalk and Thousand Palms Sidewalks C6-0067 and C6-0068**

To Whom It May Concern:

Attached is a copy for publication in your newspaper for **FIVE (5) TIMES:**

Wednesday - September 19, 2018  
Thursday - September 20, 2018  
Friday - September 21, 2018  
Saturday - September 22, 2018  
Sunday - September 23, 2018

We require your affidavit of publication immediately upon completion of the last publication.

**NOTE: PLEASE COMPOSE THIS PUBLICATION INTO A SINGLE COLUMN FORMAT.**

Thank you in advance for your assistance and expertise.

Sincerely,

*Cecilia Gil*

Board Assistant to:  
KECIA HARPER-IHEM, CLERK OF THE BOARD



Order Confirmation for Ad #: 0003154306

**Customer:** RIVERSIDE COUNTY-BOARD OF  
**Address:** 4080 LEMON ST  
 RIVERSIDE CA 92501 USA  
**Acct. #:** TDS-RIV069  
**Phone:** 9099551067

RIVERSIDE COUNTY-BOARD OF  
**Ordered By:** Cecilia Gil

OrderStart Date: 09/19/2018

Order End Date: 09/23/2018

<u>Tear Sheets</u>	<u>Affidavits</u>	<u>Blind Box</u>	<u>Promo Type</u>	<u>Materials</u>	<u>Special Pricing</u>	<u>Size</u>
0	1					2 X 70.00

<u>Net Amount</u>	<u>Tax Amount</u>	<u>Total Amount</u>	<u>Payment Method</u>	<u>Payment Amount</u>	<u>Amount Due</u>
\$1,546.60	\$0.00	\$1,546.60	Invoice	\$0.00	\$1,546.60

Ad Order Notes:

Sales Rep: ncampbell

Order Taker: ncampbell

Order Created 09/12/2018

Product	# Ins	Start Date	End Date
TDS-DesertSun.com	5	09/19/2018	09/23/2018
09-19-18, 09-20-18, 09-21-18, 09-22-18, 09-23-18, TDS-The Desert Sun	5	09/19/2018	09/23/2018
09-19-18, 09-20-18, 09-21-18, 09-22-18, 09-23-18,			

\* ALL TRANSACTIONS CONSIDERED PAID IN FULL UPON CLEARANCE OF FINANCIAL INSTITUTION

**Text of Ad: 09/12/2018**

**Notice to Bidders**

County of Riverside, herein called Owner, invites sealed proposals for:

**Camino Aventura Sidewalk Project  
Desert Hot Springs Area  
County Project No. C6-0067, State Project No. ATPL-5956(259)  
And  
Thousand Palms Area Sidewalks Project  
El Centro Way and La Canada Way  
Thousand Palms Area  
County Project No. C6-0068, State Project No. ATPL-5956(257)**

Bid shall be delivered to the County of Riverside Transportation Department, 14th Street Annex, 3525 14th Street, Riverside, California 92501, telephone (951) 955-6780 not later than 2:00 p.m., on Wednesday, **October 3, 2018** to be promptly opened in public at said address. Each bid shall be in accordance with plans, specifications and other contract documents, dated **August 2018**, and prepared by County of Riverside, whose address is same as the above, from whom they may be obtained upon deposit of **\$40.00** per set with 24"x36" plans plus mailing costs. No refund. Prospective bidders may preview the plans, specifications and other contract documents at no charge prior to purchase at the above noted location.

Pursuant to Labor Code section 1771.1, any Contractor bidding, or subcontractor to be listed on a bid proposal subject to Public Contract Code section 4104, shall not be qualified to bid after March 1, 2015, unless currently registered and qualified to perform public works pursuant to Labor Code section 1725.5. No Contractor or subcontractor may be awarded a contract or perform work on any contract for public work, after April 1, 2015, without proof of current registration with the Department of Industrial Relations pursuant to Labor Code section 1725.5 to perform public works.

The County of Riverside, in accordance with Title VI of the Civil Rights Act of 1964 (78 Stat. 252) and the Regulations of the Department of Commerce (15 C.F.R., Part 8) and related statutes, issued pursuant to such Act, hereby notifies all bidders that minority businesses will be afforded full opportunity to submit bids, and it will affirmatively insure that the contract entered into pursuant to this advertisement will be awarded to the lowest responsible bidder without discrimination on the grounds of race, color, sex, national origin, religion, age, or disability.

The Contractor is required to have a Class "A" or C12 license at the time of bid submission.

Engineering Estimate: \$549,500.00 - \$641,000.00 (Base Bid Sch. A)  
\$933,000.00 - \$1,088,500.00 (Base Bid Sch. B)  
\$18,000.00 - \$21,000.00 (Alternate Bid Sch. 1)

Bid Bond 10 %  
Performance Bond 100 %  
Payment Bond 100 %  
Working Days 65 Working Days

Website: <http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

Alternative formats available upon request to individuals with disabilities.

Dated: September 12, 2018      **KECIA HARPER-IHEM**  
Clerk of the Board of Supervisors  
By: Cecilia Gil, Board Assistant

Published: 9/19, 9/20, 9/21, 9/22, 9/23/18





**GENERAL NOTES**

1. ALL MATERIAL AND WORK SHALL CONFORM TO THE 2015 EDITION OF THE PLANS AND SPECIFICATIONS OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.
2. LOCATIONS OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS AND VERIFY ALL CONDITIONS AND THE JOB SITE PRIOR TO COMMENCING WORK AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY ALL CONCERNED UTILITY COMPANIES AT LEAST 48 HOURS IN ADVANCE OF EXCAVATION. CALL UNDERGROUND SERVICE ALERT AT 811.
3. SEE CALTRANS STANDARD PLANS ES-1A AND ES-1B FOR SYMBOLS AND ABBREVIATION LEGEND.
4. EXISTING PRIVATELY OWNED IMPROVEMENTS ON PUBLIC RIGHT-OF-WAY SHALL BE PROTECTED OR REPLACED IF DAMAGED, AS DIRECTED BY THE ENGINEER.
5. CONTRACTOR LICENSE CLASS A OR C-12 REQUIRED

**BASIS OF BEARING**

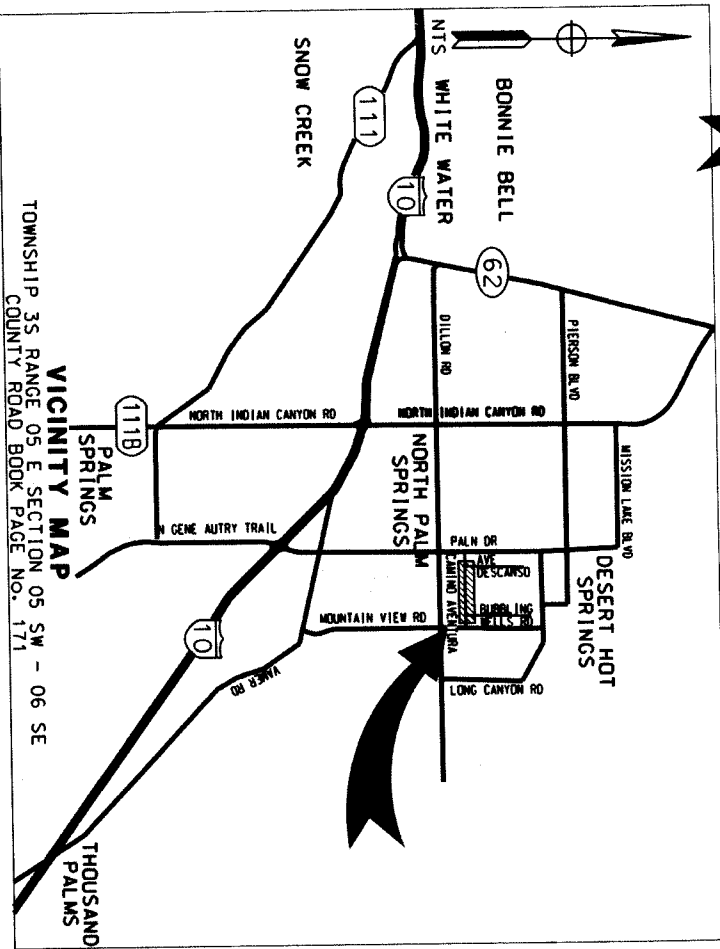
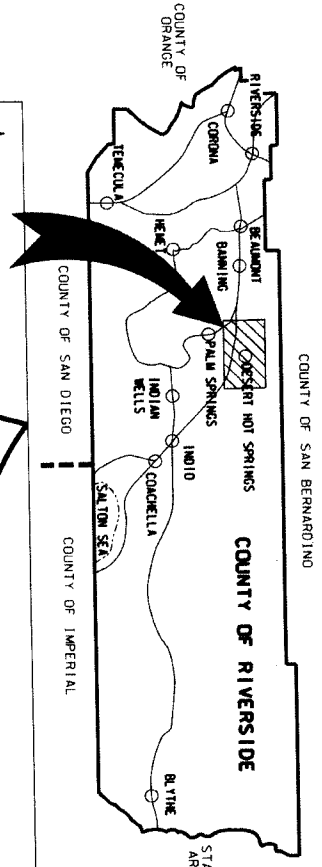
THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA STATE PLANE COORDINATE SYSTEM, CCS83, ZONE 6, BASED LOCALLY ON CONTROL STATIONS:  
 NGS PID: A14509 CSRC SITE CODE: WIDC  
 NGS PID: A11856 CSRC SITE CODE: CTMS  
 NGS PID: N/A CSRC SITE CODE: SGPS  
 NGS PID: A11853 CSRC SITE CODE: COTD  
 NAD 83 (NSRS 2011) EPOCH 2010.0 AS SHOWN HEREON. ALL BEARINGS AND DISTANCES SHOWN HEREON ARE GRID UNLESS SPECIFIED OTHERWISE. GROUND DISTANCE MAY BE OBTAINED BY MULTIPLYING THE GRID DISTANCE BY A COMBINATION FACTOR OF: 1.000027051. CALCULATIONS MADE AT PT # 103 COORDINATES: N: 2282879.078 E: 6481186.406. ELEVATION OF 849.12'  
 CONVERGENCE ANGLE: -0°08'05.7270

**BENCH MARK**

THE BENCH MARK USED FOR THIS SURVEY IS 603 60 DATUM: NAVD 88 ELEV: 822.20'  
 PID - DX0129  
 DESCRIPTION: FOUND 2" BRASS DISK STAMPED "BM 603 60 68", FLUSH, 250' WLY AND 32' SLY OF THE CENTERLINE INTERSECTION OF DILLON ROAD AND PALM DRIVE, 30.5' SELLY PP # 1779678E  
 FIELD BOOK NO. 2247, SURVEY NO. 6483

**COUNTY OF RIVERSIDE  
 TRANSPORTATION DEPARTMENT**

**CAMINO AVENTURA  
 SIDEWALK IMPROVEMENTS  
 FROM AVENIDA DESCANSO  
 TO BUBBLING WELLS ROAD  
 COMMUNITY OF DESERT HOT SPRINGS  
 PROJECT NUMBER C6-0067  
 STATE NO. ATPL-5956(259)**



**ABBREVIATIONS & LEGEND**

AB	AGGREGATE BASE	R/W	RIGHT OF WAY
AC	ASPHALT CONCRETE	SHLD	SHOULDER
AP	ANGLE POINT	STA	STATION
ARHM	ASPHALT RUBBER HOT MIX	STD	STANDARD
BCR	BEGIN CURB RETURN	UB	UTILITY BOX
BEG	BEGIN	VAR	VARIES
BLDG	BUILDING	W	WIDTH
CB	CATCH BASIN	W/F	WROUGHT IRON FENCE
CIR	COLD IN PLACE RECYCLING		
CL	CENTER LINE		
CLF	CHAIN LINK FENCE		
CMP	CORRUGATED METAL PIPE		
CNC	CONCRETE		
C&G	CURB AND GUTTER		
DWY	DRIVEWAY		
ECR	END CURB RETURN		
EP	EDGE OF PAVEMENT		
ETW	EDGE OF TRAVEL WAY		
EX	EXISTING		
FH	FIRE HYDRANT		
HMA	HOT MIX ASPHALT		
L	LENGTH		
LT	LEFT		
MOD	MODIFICATION, MODIFIED		
NAP	NOT A PART		
NO	NUMBER		
PCC	PORTLAND CEMENT CONCRETE		
PP	POWER POLE		
R	RADIUS		
RAP	RECYCLED AGGREGATE PAVEMENT		
RCP	REINFORCED CONCRETE PIPE		
RT	RIGHT		
RW	RETAINING WALL		
N'LY	NORTHERLY		
S'LY	SOUTHERLY		

**INDEX OF SHEETS**

SHEET NO.	DESCRIPTION
1	TITLE
2	KEY MAP
3	TYPICAL CROSS SECTIONS
4 - 11	LAYOUT
12 - 17	CONSTRUCTION DETAILS
18	DETAILS

**C6-0067 CAMINO AVENTURA SIDEWALK IMPROVEMENTS**

**CONCURRED BY**

**THE ENGINEERING**

**TITLE SHEET NO.**

PATRICIA ROAD  
 DIRECTOR OF TRANSPORTATION  
 COUNTY OF RIVERSIDE

APPROVED BY: [Signature]  
 REGISTERED PROFESSIONAL ENGINEER  
 MINE HEAD  
 2385 CHICAGO AVE  
 RIVERSIDE, CA 92507

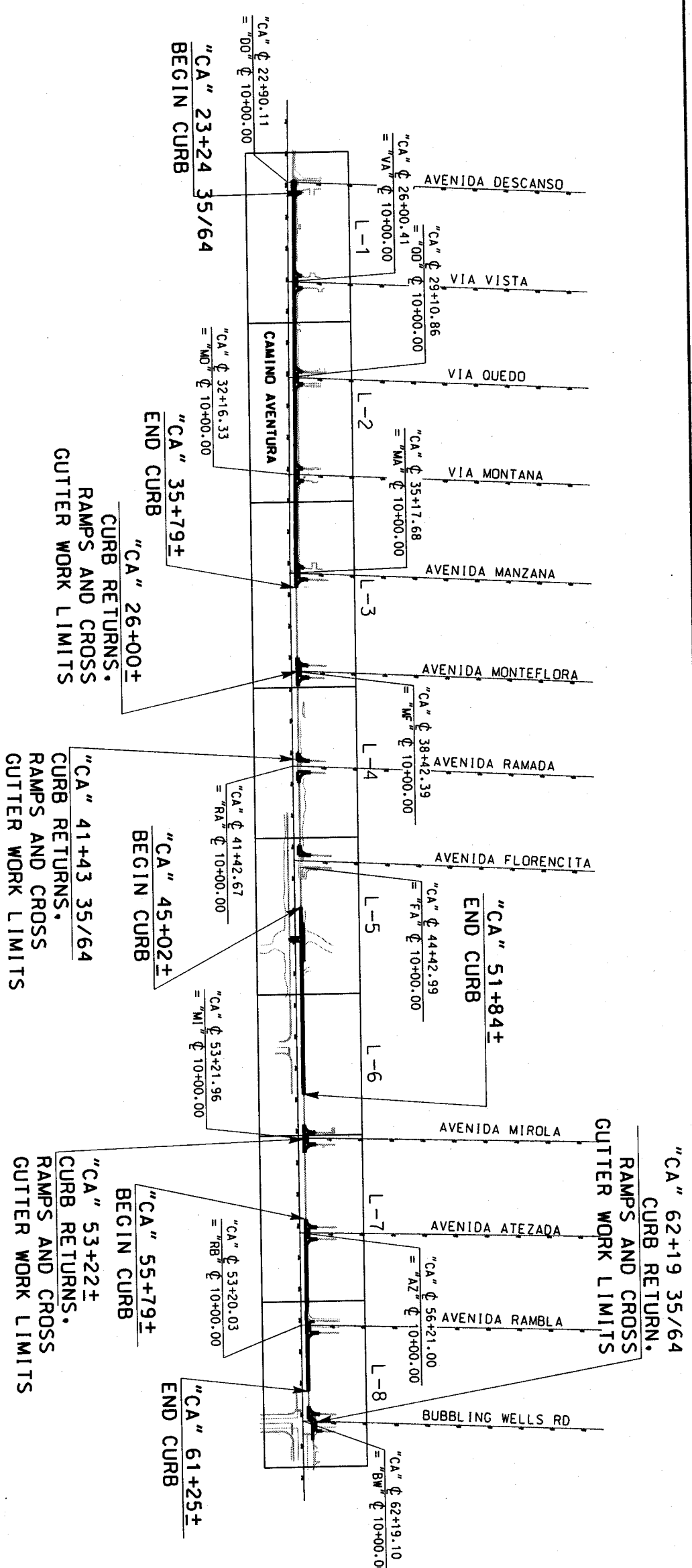
**CAMINO AVENTURA  
 SIDEWALK  
 NO SCALE**

**T1**  
 SHEET 1 OF 18

RELATIVE BORDER SCALE  
 IS IN INCHES



USERNAME: j Jose  
 DDN FILE # 106-0067-SHT101-090



- CONSTRUCTION NOTES**
- 1) CONSTRUCT 0.35' HMA TYPE A OVER 0.50' CLASS 11 AGGREGATE BASE.
  - 2) CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO. 200.
  - 3) CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO. 400 & 401.
  - 4) CONSTRUCT 8" THICK PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO. 400 & 401. (LIMITS PER PLAN L-5)
  - 5) CONSTRUCT CUT-OFF WALL PER DETAIL ON SHEET C-4.
  - 6) SAWCUT AND REMOVE EXISTING PCC CURB AND GUTTER OR CROSS GUTTER AND SPANDREL.
  - 7) SAWCUT AND REMOVE EXISTING AC PAVEMENT AND BASE.
  - 8) CONSTRUCT CURB RAMP PER DETAIL G AND H ON SHEET C-4 WITH TRUNCATED DOME PANEL AS SHOWN AND PER CALTRANS STD. PLAN A888 CASE CM MODIFIED.
  - 9) CONSTRUCT CURB RAMP CASE A PER COUNTY OF RIVERSIDE STANDARD NO. 403.
  - 10) CONSTRUCT CROSS GUTTER PER RIVERSIDE COUNTY STANDARD NO. 209.
  - 11) CONSTRUCT CROSS GUTTER CONNECTION TO CURB AND GUTTER AT "T" INTERSECTION PER CUT OFF WALL DETAIL ON SHEET C-4. AND PER RIVERSIDE COUNTY STANDARD NO. 209.
  - 12) CONSTRUCT 6" ASPHALT CONCRETE DIKE PER RIVERSIDE COUNTY STANDARD NO. 212. WITH 0" TRANSITION TO EDGE OF PAVEMENT.
  - 13) PROTECT IN PLACE.
  - 14) ADJUST EXISTING SEWER MANHOLE TO GRADE.
  - 15) ADJUST EXISTING WATER VALVE TO GRADE.
  - 16) NOT USED.
  - 17) NOT USED.
  - 18) CONSTRUCT BOLLARD.
  - 19) RELOCATE SIGN PER PLAN AS SHOWN ON NEW POST PER COUNTY OF RIVERSIDE STANDARDS.
  - 20) CONSTRUCT RESIDENTIAL DRIVEWAY PER RIVERSIDE COUNTY STANDARD NO. 207.
  - 21) EXISTING FENCE/WALL/GATE TO BE REMOVED AND REPLACED IN KIND CLEAR OF NEW STREET IMPROVEMENTS AS DIRECTED BY THE ENGINEER.
  - 22) REMOVE EXISTING TREE AND OR VEGETATION.
  - 23) NOT USED.
  - 24) CONSTRUCT CURB TRANSITION PER RIVERSIDE COUNTY STANDARD NO. 211.
  - 25) NOT USED.
  - 26) CONSTRUCT HANDRAIL ON RAMP WALL PER DETAILS ON SHEET D-1.
  - 27) CONSTRUCT RAMP WALL AND / OR RETAINING CURB PER DETAIL ON SHEET D-1.

**SHEET INDEX MAP**  
NOT TO SCALE

**SURVEY DATA**

COUNTY OF RIVERSIDE T.L.M.A. TRANSPORTATION/SURVEY DIVISION

THIS PLAN, MAP OR DRAWING IS PROVIDED VIA ELECTRONIC MEDIA. AS SUCH IT IS SUBJECT TO INHERENT ERRORS, OMISSIONS OR DEFECTS WHICH A COPY IN NON-ELECTRONIC FORMATS NOT. AS SUCH, RIVERSIDE COUNTY T.L.M.A. TRANSPORTATION/SURVEY DIVISION DOES NOT WARRANT, GUARANTEE OR OTHERWISE REPRESENT TO THE USER THAT THE INFORMATION IN ELECTRONIC FORMAT IS FREE FROM ANY DEFECTS INCLUDING DESIGN, CALCULATION, DATA TRANSLATION, DATA TRANSMISSION, PLOTTING, PRINTING OR REPRODUCTION. OTHER THAN TO THE EXTENT OF THE REPLACEMENT VALUE OF THE DISKETTE ITSELF. REPLACEMENT OF THE INFORMATION OR DATA ON THE DISKETTE SHALL BE PROVIDED AT THE EXPENSE OF THE CLIENT AT THE RATES CHARGED PER THE CURRENT HOURLY RATE OF RIVERSIDE COUNTY T.L.M.A. TRANSPORTATION/SURVEY DIVISION.

RELATIVE BORDER SCALE  
IS IN INCHES

**TKE ENGINEERING**

APPROVED BY:

PREPARED BY: MIKE HEATH  
2305 CHICAGO AVE  
RIVERSIDE, CA 92507

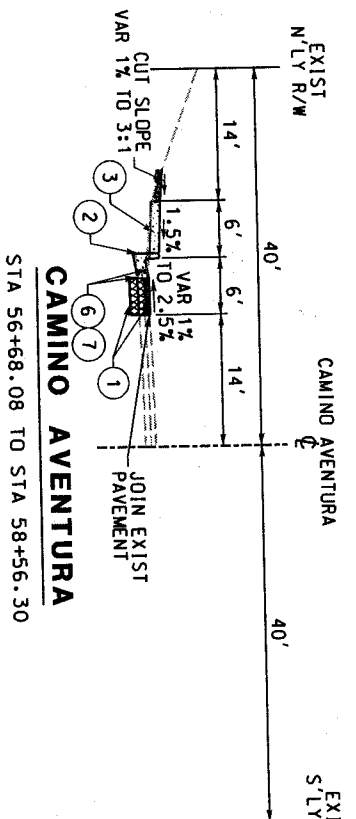
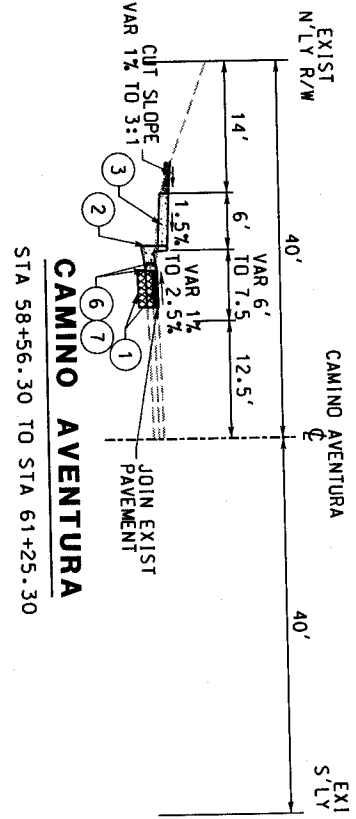
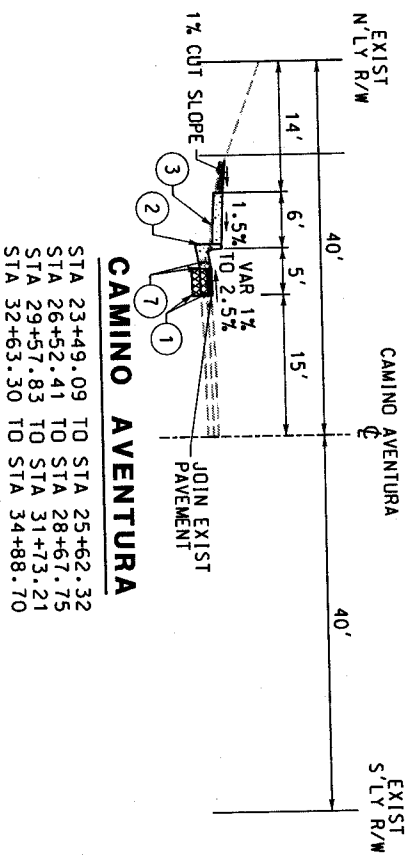
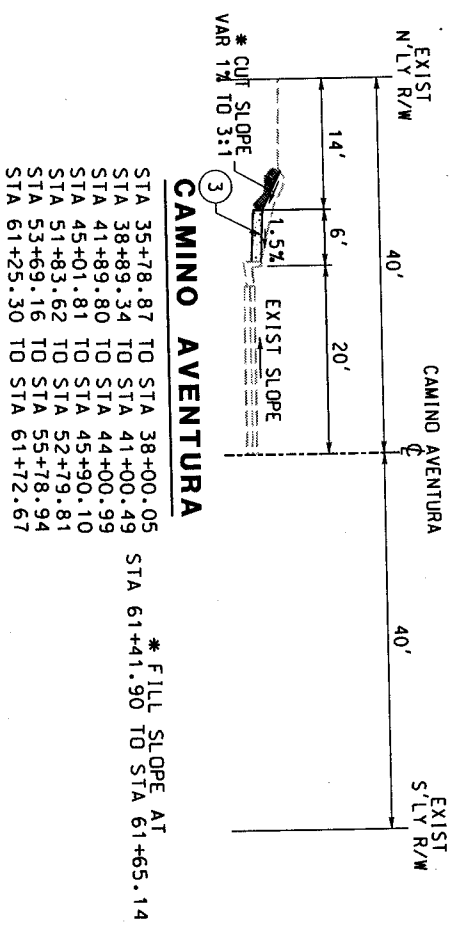
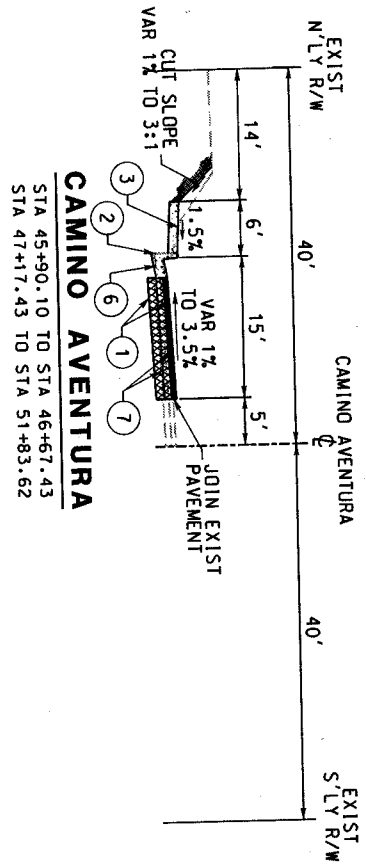
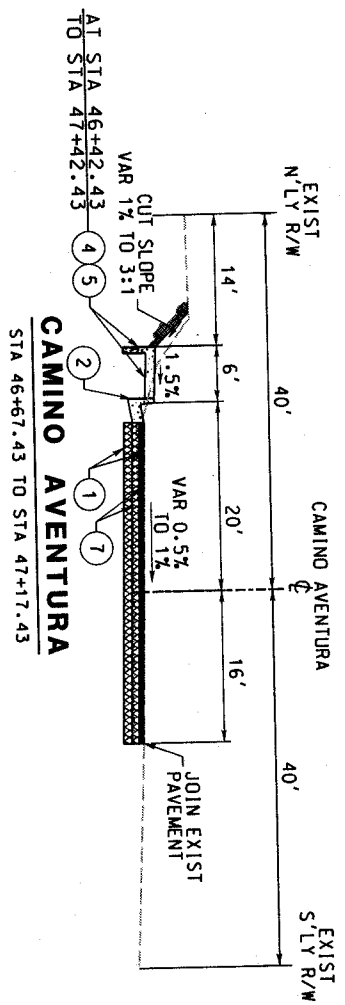
8/14/2018  
DATE

KEY MAP	SHEET NO.
CAMINO AVENTURA SIDEWALK NO SCALE	K-1 2 of 18

USERNAME: jloze  
DGN FILE: \3\... \CG-0067-Sht02.dgn

WO C6-0067 COUNTY FILE NO.

**966E**



**CONSTRUCTION NOTES**

- 1 CONSTRUCT 0.35' HMA TYPE A OVER 0.50' CLASS II AGGREGATE BASE.
- 2 CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO 200.
- 3 CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO. 400 & 401.
- 4 CONSTRUCT 8" THICK PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO. 400 & 401. (LIMITS PER PLAN L-5)
- 5 CONSTRUCT CUT-OFF WALL PER DETAIL ON SHEET C-4.
- 6 SAWCUT AND REMOVE EXISTING PCC CURB AND GUTTER OR CROSS GUTTER AND SPANDREL.
- 7 SAWCUT AND REMOVE EXISTING AC PAVEMENT AND BASE.

APPROVED BY:



8/14/2018

PREPARED BY:  
MIKE REAH  
2305 CHICAGO AVE  
RIVERSIDE, CA 92507

TYPICAL SECTIONS

CAMINO AVENTURA  
SIDEWALK  
NO SCALE

SHEET NO.

X-1

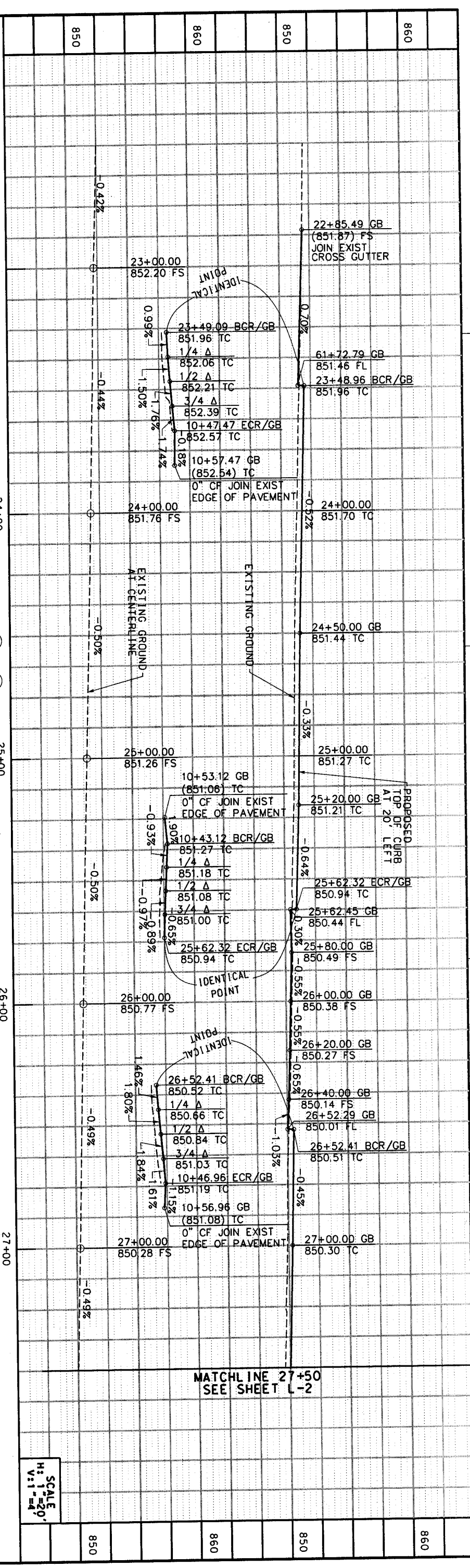
SHEET 3 OF 18

WO C6-0067

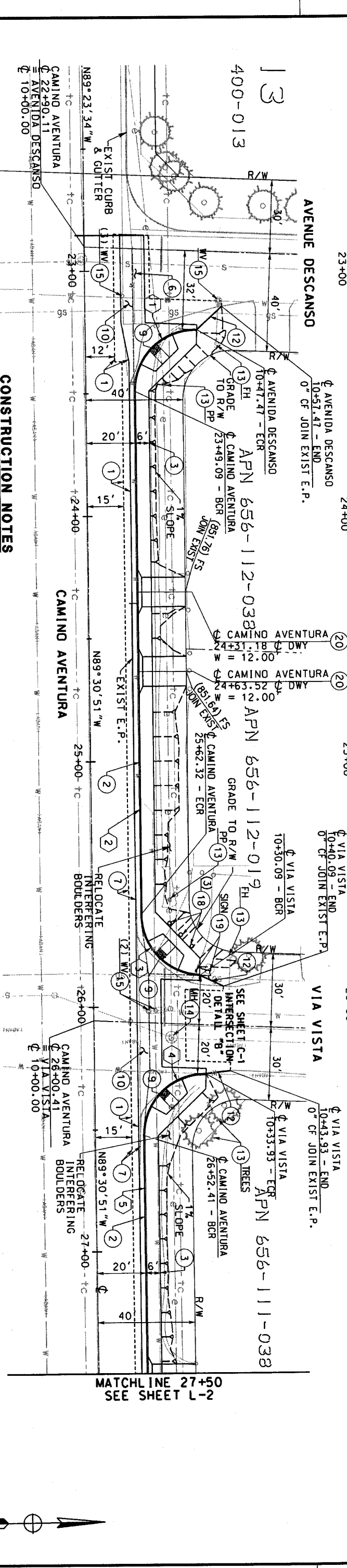
COUNTY FILE NO.

966E





SCALE  
H: 1"=20'  
V: 1"=4'



**CURVE / LINE DATA TABLE**

#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	92°26'34"	25.00'	40.34'	26.09'
2	89°30'51" W	--	213.24'	--
3	87°33'22"	25.00'	38.20'	23.96'
4	92°26'38"	25.00'	40.34'	26.09'
5	89°30'51" W	--	97.59'	--

**CONSTRUCTION NOTES**

- CONSTRUCT 0.35" HMA TYPE A OVER 0.50" CLASS II AGGREGATE BASE.
- CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO. 200.
- CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO. 400 & 401.
- SANICUT AND REMOVE EXISTING PCC CURB AND GUTTER OR CROSS GUTTER AND SPANDREL.
- SANICUT AND REMOVE EXISTING AC PAVEMENT AND BASE.
- CONSTRUCT CURB RAMP CASE A PER COUNTY OF RIVERSIDE STANDARD NO. 403.
- CONSTRUCT CURB AND GUTTER PER RIVERSIDE STANDARD NO. 209.
- CONSTRUCT 6" ASPHALT CONCRETE DIKE PER RIVERSIDE COUNTY STANDARD NO. 212 WITH 0" TRANSITION TO EDGE OF PAVEMENT.
- PROTECT IN PLACE.
- ADJUST EXISTING SEWER MANHOLE TO GRADE.
- ADJUST EXISTING WATER VALVE TO GRADE.
- CONSTRUCT BOLLARD.
- RELOCATE SIGN PER PLAN AS SHOWN ON NEW POST PER COUNTY OF RIVERSIDE STANDARDS.
- CONSTRUCT RESIDENTIAL DRIVEWAY PER RIVERSIDE COUNTY STANDARD NO. 207.
- RELOCATE INTERFERING BOLLARDS.
- RELOCATE INTERFERING TREES.

**TKE ENGINEERING**

APPROVED BY: [Signature] DATE: 8/14/2018

PREPARED BY: MIKE HEATH  
2385 CHICAGO AVE  
RIVERSIDE, CA 92507

**LAYOUT**

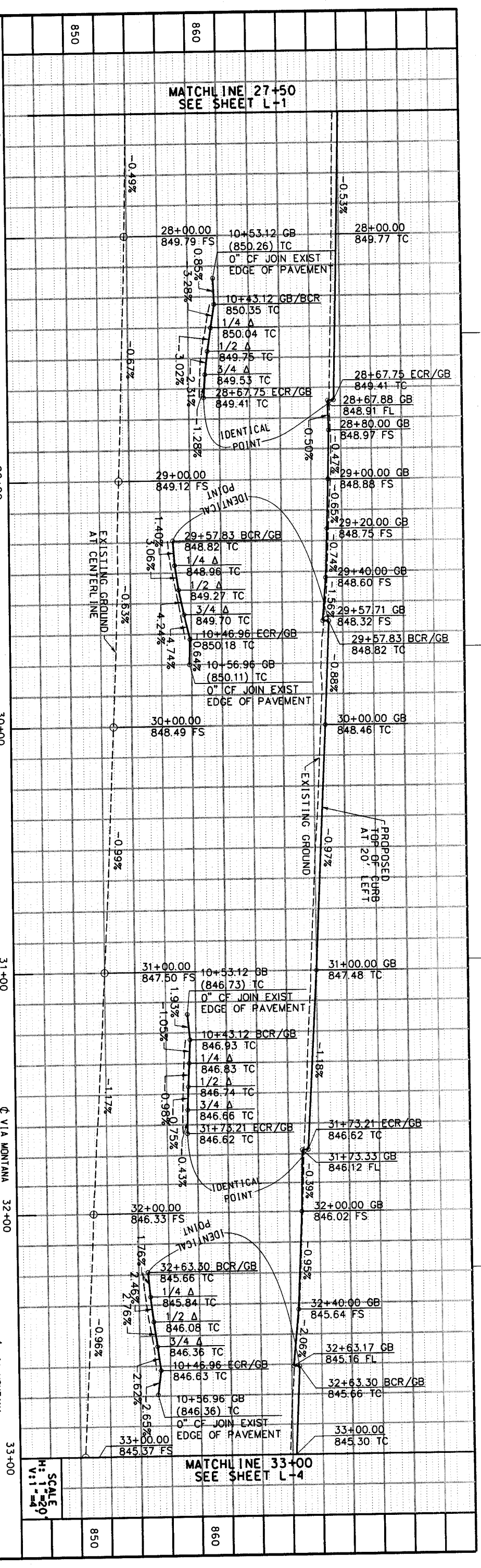
**CAMINO AVENTURA SIDEWALK**

SCALE: 1"=20'

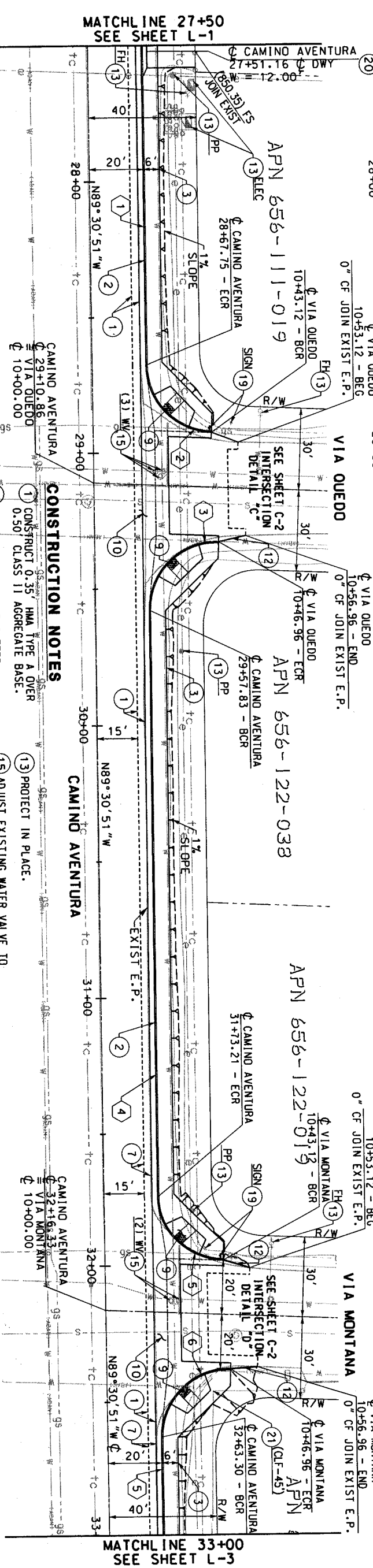
**SHEET NO.**

**L-1**

SHEET 4 OF 18



#	CURVE / LINE DATA TABLE	RADIUS	LENGTH	TANGENT
1	DELTA/BEARING			
1	87°33'21"	25.00'	38.20'	23.96'
2	87°33'21"	25.00'	38.20'	23.96'
3	92°26'43"	25.00'	40.34'	26.09'
4	87°33'24"	25.00'	38.20'	23.96'
5	87°33'24"	25.00'	38.20'	23.96'
6	92°26'36"	25.00'	40.34'	26.09'
7	87°33'24"	25.00'	38.20'	23.96'



- CONSTRUCTION NOTES**
- CONSTRUCT 0.35" HMA TYPE A OVER 0.50" CLASS 11 AGGREGATE BASE.
  - CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO. 200.
  - CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO. 400 & 401.
  - CONSTRUCT CURB RAMP CASE A PER COUNTY OF RIVERSIDE STANDARD NO. 403.
  - CONSTRUCT CROSS CUTTER PER RIVERSIDE COUNTY STANDARD NO. 209.
  - CONSTRUCT 6" ASPHALT CONCRETE DIKE PER RIVERSIDE COUNTY STANDARD NO. 212 WITH 0" TRANSITION TO EDGE OF PAVEMENT.
  - SAWCUT AND REMOVE EXISTING AC PAVEMENT AND BASE.
  - EXISTING FENCE/WALL/GATE TO BE REMOVED AND REPLACED IN KIND CLEAR OF NEW STREET IMPROVEMENTS AS DIRECTED BY THE ENGINEER.
  - PROJECT IN PLACE.
  - ADJUST EXISTING WATER VALVE TO GRADE.
  - RELOCATE SIGN PER PLAN AS SHOWN ON NEW POST PER COUNTY OF RIVERSIDE STANDARDS.
  - CONSTRUCT RESIDENTIAL DRIVEWAY PER RIVERSIDE COUNTY STANDARD NO. 207.
  - EXISTING FENCE/WALL/GATE TO BE REMOVED AND REPLACED IN KIND CLEAR OF NEW STREET IMPROVEMENTS AS DIRECTED BY THE ENGINEER.

**TKE ENGINEERING**

APPROVED BY:

DATE: 8/14/2018

PREPARED BY:

2305 CHILCAGO AVE  
RIVERSIDE, CA 92507

**LAYOUT**

**CAMINO AVENTURA  
SIDEWALK**

SCALE: 1"=20'

**SHEET NO. L-2**

5 OF 18

BORDER LAST REVISED 07/21/2015

RELATIVE BORDER SCALE 1"=15" IN INCHES

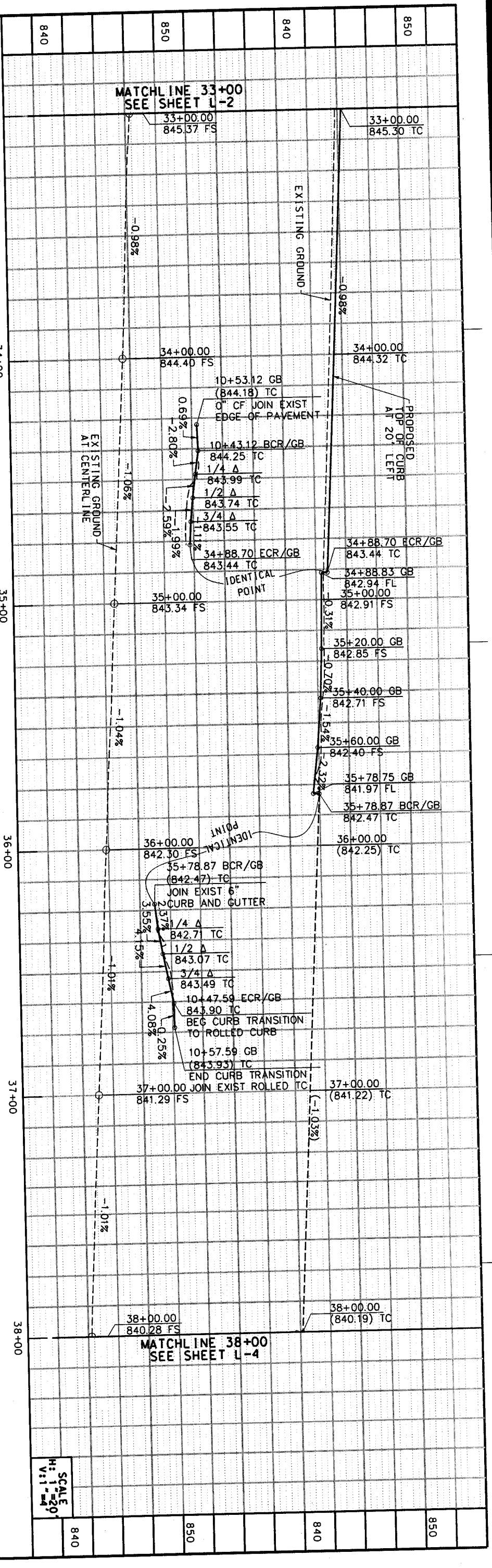
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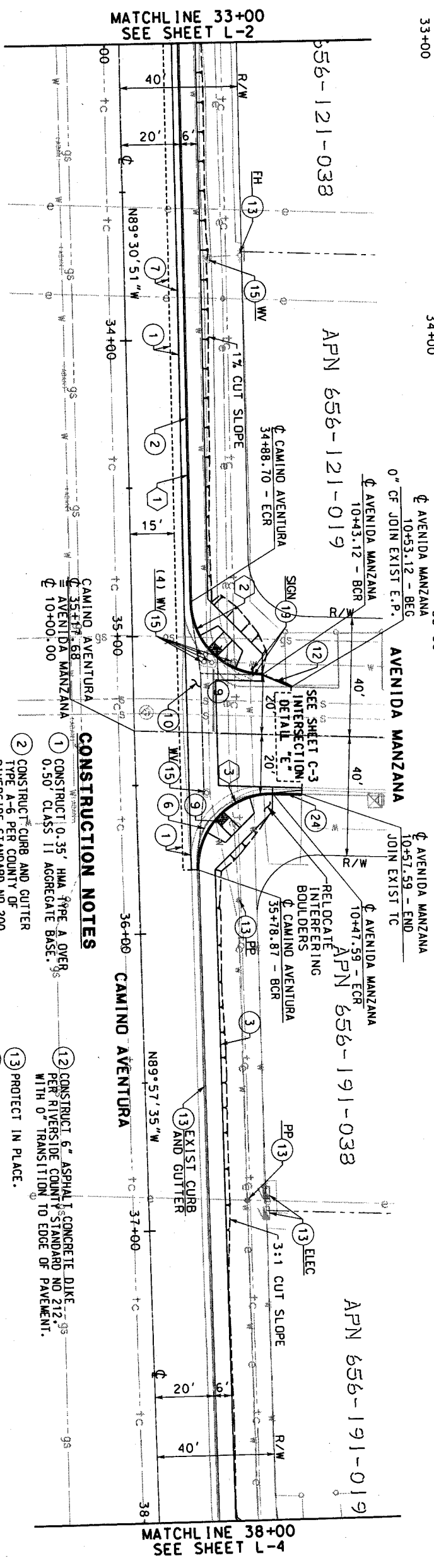
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SCALE  
H: 1"=20'  
V: 1"=4'

**CURVE / LINE DATA TABLE**


#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	N89°30'51"W	--	188.70'	--
2	87°33'30"	25.00'	38.20'	23.96'
3	92°58'05"	25.00'	40.56'	26.33'



**CONSTRUCTION NOTES**

- 1 CONSTRUCT 0.35" RHA TYPE A OVER 0.50" CLASS II AGGREGATE BASE.
- 2 CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO. 200.
- 3 CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO. 400 & 401.
- 6 SAWCUT AND REMOVE EXISTING PCC CURB AND GUTTER OR CROSS GUTTER AND SPANDREL.
- 7 SAWCUT AND REMOVE EXISTING AC PAVEMENT AND BASE.
- 9 CONSTRUCT CURB RAMP CASE A PER COUNTY OF RIVERSIDE STANDARD NO. 403.
- 10 CONSTRUCT CROSS GUTTER PER RIVERSIDE COUNTY STANDARD NO. 209.
- 12 CONSTRUCT 6" ASPHALT CONCRETE DIKE PER RIVERSIDE COUNTY STANDARD NO. 212 WITH 0" TRANSITION TO EDGE OF PAVEMENT.
- 13 PROTECT IN PLACE.
- 15 ADJUST EXISTING WATER VALVE TO GRADE.
- 19 RELOCATE SIGN PER PLAN AS SHOWN ON NEW POST PER COUNTY OF RIVERSIDE STANDARDS.
- 24 CONSTRUCT CURB TRANSITION PER RIVERSIDE COUNTY STANDARD NO. 211.

**THE ENGINEERING**

APPROVED BY:  8/14/2018  
DATE  
PREPARED BY: MIKE HEATH  
2205 CHICAGO AVE  
RIVERSIDE, CA 92507

**LAYOUT**

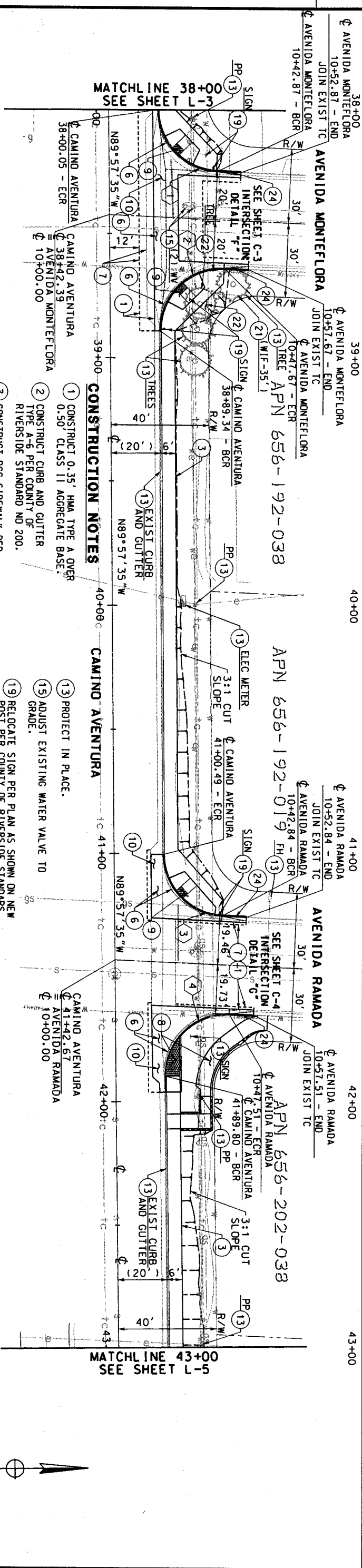
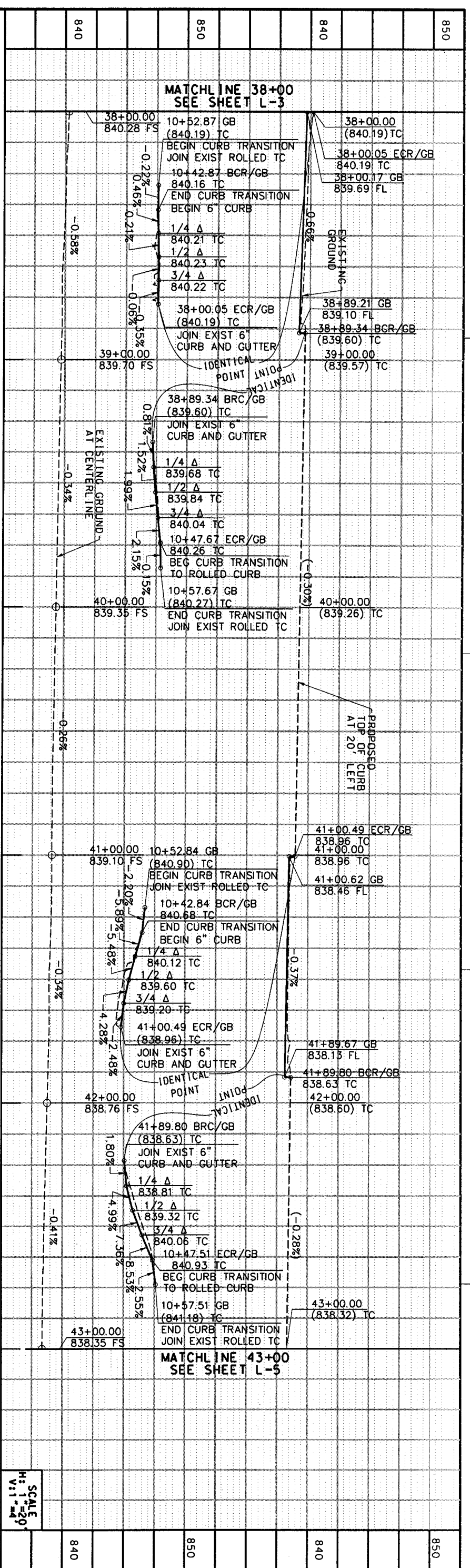
**CAMINO AVENTURA  
SIDEWALK**  
SCALE: 1"=20'

SHEET NO. **L-3**

SHEET 6 OF 18

RELATIVE BORDER SCALE  
15 IN INCHES

BORDER LAST REVISED 07/21/2015

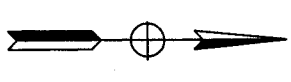


**CURVE / LINE DATA TABLE**

#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	87°02'28"	25.00'	37.98'	23.74'
2	92°57'32"	25.00'	40.56'	26.33'
3	87°01'48"	25.00'	37.97'	23.74'
4	92°58'12"	25.00'	40.57'	26.33'

**CONSTRUCTION NOTES**

- 1 CONSTRUCT 0.35" HMA TYPE A OVER 0.50" CLASS 11 AGGREGATE BASE.
- 2 CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO. 200.
- 3 CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO. 400 & 401.
- 6 SAWCUT AND REMOVE EXISTING PCC CURB AND GUTTER OR CROSS GUTTER AND SPANDREL.
- 7 SAWCUT AND REMOVE EXISTING AC PAVEMENT AND BASE.
- 8 CONSTRUCT CURB RAMP PER DETAIL G AND H ON SHEET C-4 WITH TRUNCATED DOME PAVEMENT AS SHOWN AND PER CALTRANS STD. PLAN A888 CASE CM MODIFIED.
- 9 CONSTRUCT CURB RAMP CASE A PER COUNTY OF RIVERSIDE STANDARD NO. 403.
- 10 CONSTRUCT CROSS GUTTER PER RIVERSIDE COUNTY STANDARD NO. 209.
- 13 PROTECT IN PLACE.
- 15 ADJUST EXISTING WATER VALVE TO GRADE.
- 19 RELOCATE SIGN PER PLAN AS SHOWN ON NEW POST PER COUNTY OF RIVERSIDE STANDARDS.
- 21 EXISTING FENCE/WALL/GATE TO BE REMOVED AND REPLACED IN KIND CLEAR OF NEW STREET IMPROVEMENTS AS DIRECTED BY THE ENGINEER.
- 22 REMOVE EXISTING TREE AND OR VEGETATION.
- 24 CONSTRUCT CURB TRANSITION PER RIVERSIDE COUNTY STANDARD NO. 211.



**TKE ENGINEERING**

APPROVED BY:

8/14/2018  
DATE

PREPARED BY:  
MINE HEATH  
2395 CHICAGO AVE  
RIVERSIDE, CA 92507

**LAYOUT**

**CAMINO AVENTURA  
SIDEWALK**

SCALE: 1"=20'

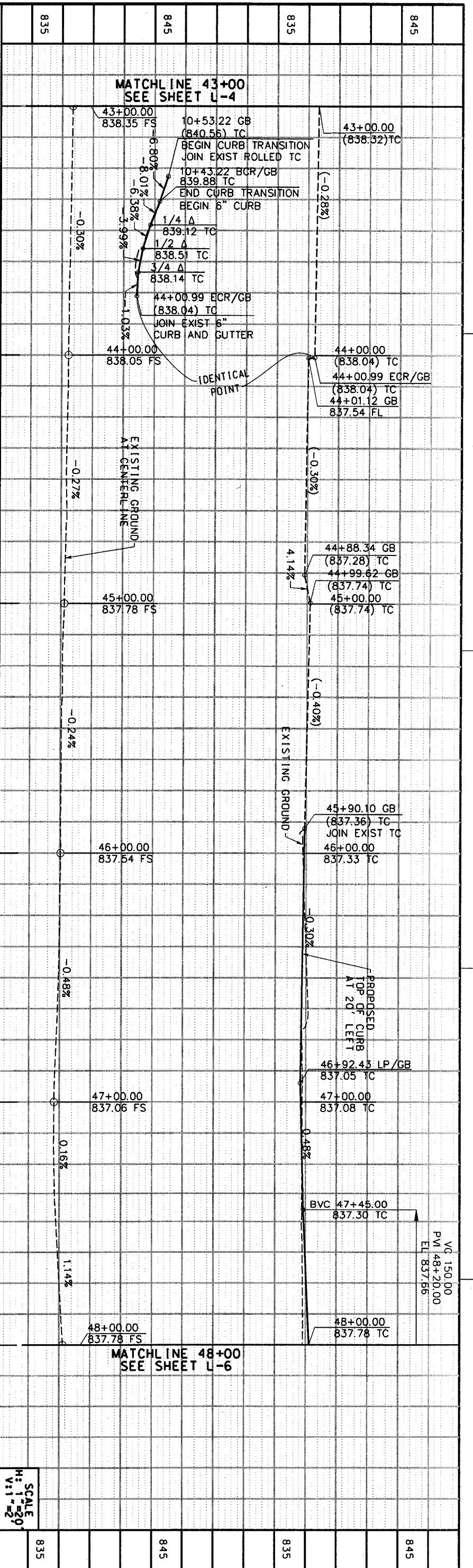
**SHEET NO.**

**L-4**

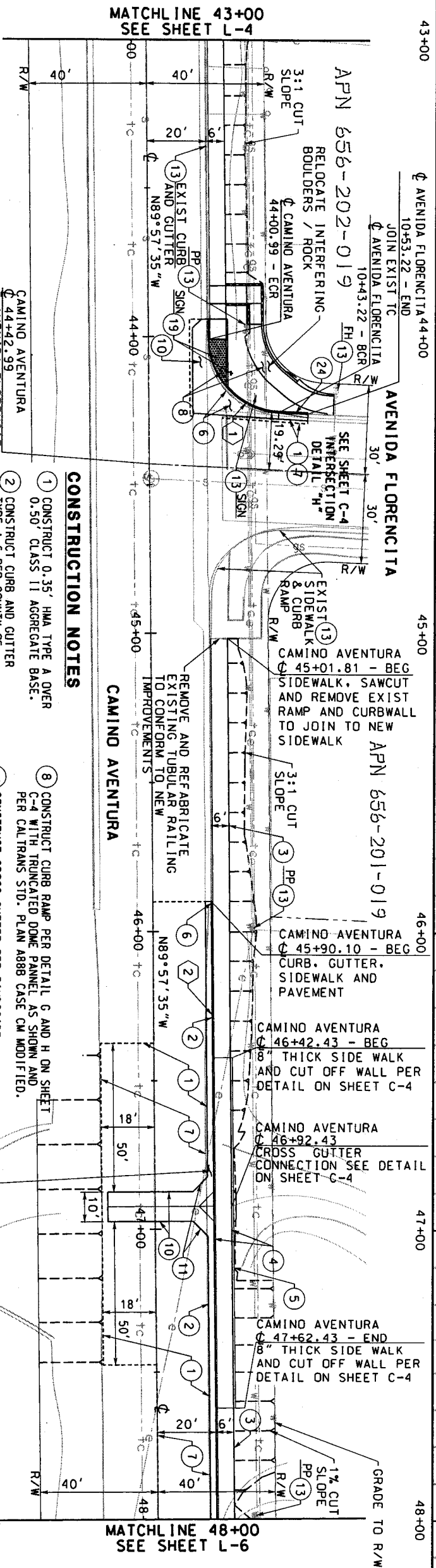
SHEET 7 OF 18







SCALE  
H: 1"=20'  
V: 1"=2'



#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	87°01'59"	25.00'	37.98'	23.74'
2	N89°57'35"W	--	209.84'	--

**CONSTRUCTION NOTES**

- CONSTRUCT 0.35" HMA TYPE A OVER 0.50" CLASS II AGGREGATE BASE.
- CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO. 200.
- CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO. 400 & 401.
- CONSTRUCT 8" THICK PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO. 400 & 401. (LIMITS PER PLAN L-5)
- CONSTRUCT CUT-OFF WALL PER DETAIL ON SHEET C-4.
- SAWCUT AND REMOVE EXISTING PCC CURB AND GUTTER OR CROSS GUTTER AND SPANDREL.
- SAWCUT AND REMOVE EXISTING AC PAVEMENT AND BASE.
- CONSTRUCT CURB RAMP PER DETAIL G AND H ON SHEET C-4 WITH TRUNCATED DOME PAVEMENT AS SHOWN AND PER CALTRANS STD. PLAN 888 CASE CM MODIFIED.
- CONSTRUCT CURB GUTTER PER RIVERSIDE COUNTY STANDARD NO. 209.
- CONSTRUCT CROSS GUTTER CONNECTION TO CURB AND GUTTER AT "T" INTERSECTION PER CUT OFF WALL DETAIL ON SHEET C-4, AND PER RIVERSIDE COUNTY STANDARD NO. 209.
- CONSTRUCT CROSS GUTTER CONNECTION TO CURB AND GUTTER AT "T" INTERSECTION PER CUT OFF WALL DETAIL ON SHEET C-4, AND PER RIVERSIDE COUNTY STANDARD NO. 209.
- PROTECT IN PLACE.
- ADJUST EXISTING WATER VALVE TO GRADE.
- RELOCATE SIGN PER PLAN AS SHOWN ON NEW POST PER COUNTY OF RIVERSIDE STANDARDS.
- CONSTRUCT CURB TRANSITION PER RIVERSIDE COUNTY STANDARD NO. 211.

THE ENGINEERING

APPROVED BY: [Signature]  
DATE: 8/14/2018

LAYOUT

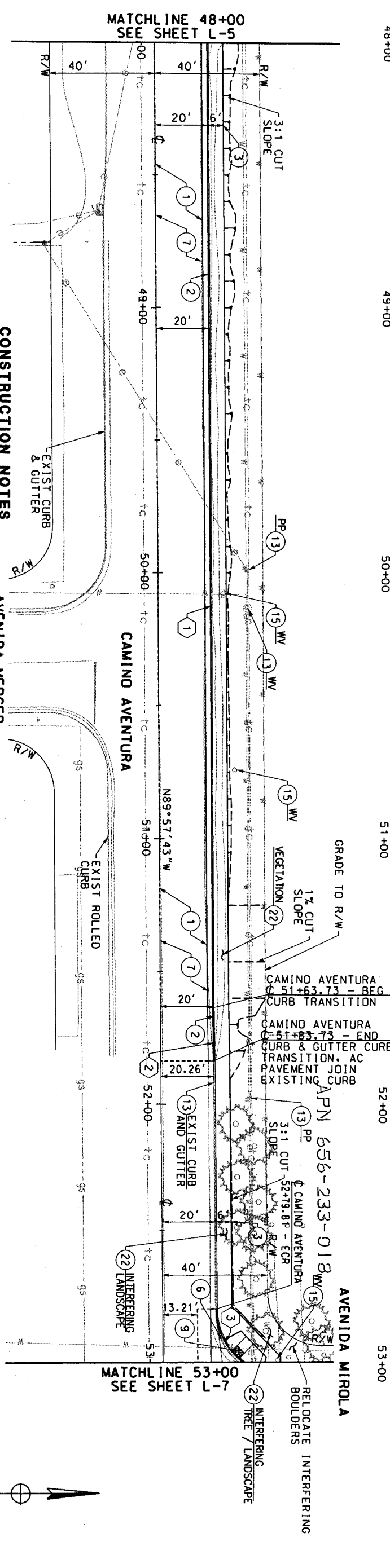
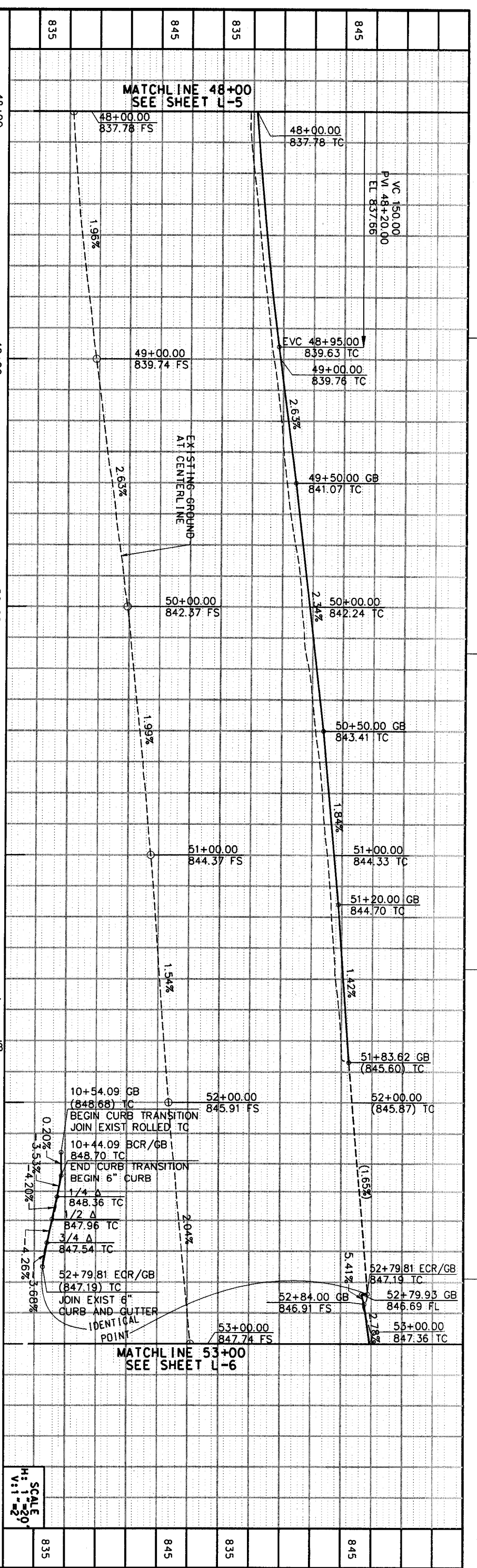
CAMINO AVENTURA  
SIDEWALK  
SCALE: 1"=20'

SHEET NO.

L-5

SHEET 8 OF 18





**CURVE / LINE DATA TABLE**

#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	N89°57'35"W	--	363.50'	--
2	N89°13'24"E	--	20.00'	--
3	88°19'40"	25.00'	38.54'	24.28'

**CONSTRUCTION NOTES**

- 1 CONSTRUCT 0.35' HMA TYPE A OVER 0.50' CLASS II AGGREGATE BASE.
- 2 CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO 200.
- 3 CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO. 400 & 401.
- 6 SAWCUT AND REMOVE EXISTING PCC CURB AND GUTTER OR CROSS CUTTER AND SPANDREL.
- 7 SAWCUT AND REMOVE EXISTING AC PAVEMENT AND BASE.
- 9 CONSTRUCT CURB RAMP CASE A PER COUNTY OF RIVERSIDE STANDARD NO 403.
- 13 PROTECT IN PLACE.
- 15 ADJUST EXISTING WATER VALVE TO GRADE.
- 22 REMOVE EXISTING TREE AND OR VEGETATION.

**AVENIDA MERCED**

- 13 PROTECT IN PLACE.
- 15 ADJUST EXISTING WATER VALVE TO GRADE.
- 22 REMOVE EXISTING TREE AND OR VEGETATION.

**THE ENGINEERING**

APPROVED BY: DATE: 8/14/2018  
 PREPARED BY: MIKE HEATH  
 2305 CHICAGO AVE  
 RIVERSIDE, CA 92507

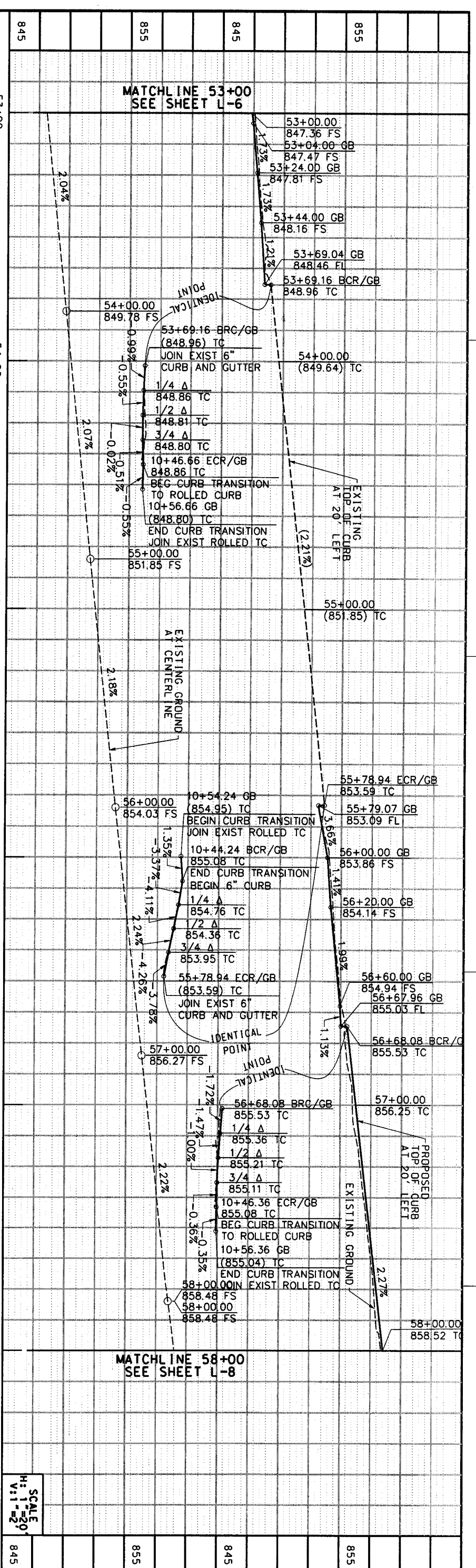
**LAYOUT**

**CAMINO AVENTURA**  
**SIDEWALK**  
 SCALE: 1"=20'

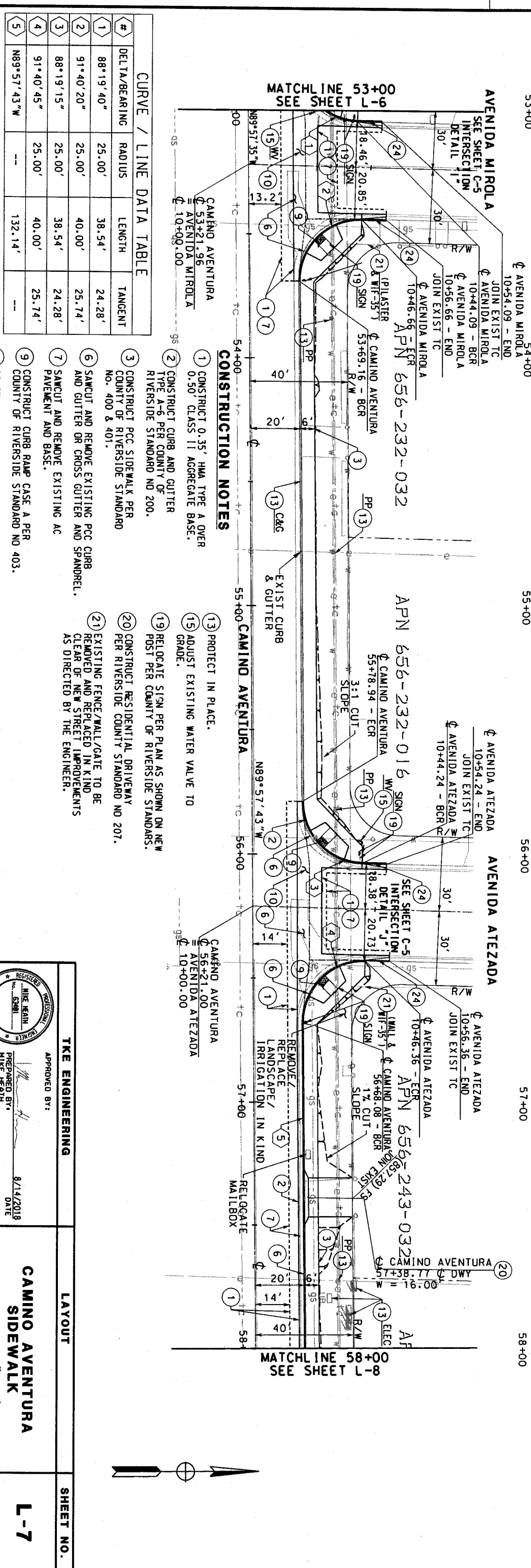
**SHEET NO.**

**L-6**  
 SHEET 9 OF 18





SCALE  
H: 1"=20'  
V: 1"=2'



**CURVE / LINE DATA TABLE**

#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	88°19'40"	25.00'	38.54'	24.28'
2	91°40'20"	25.00'	40.00'	25.74'
3	88°19'15"	25.00'	38.54'	24.28'
4	91°40'45"	25.00'	40.00'	25.74'
5	89°57'43"W	--	132.14'	--

**CONSTRUCTION NOTES**

- 1 CONSTRUCT 0.35' HMA TYPE A OVER 0.50' CLASS II AGGREGATE BASE.
- 2 CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO 200.
- 3 CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO. 400 & 401.
- 4 SAWCUT AND REMOVE EXISTING PCC CURB AND GUTTER OR CROSS GUTTER AND SPANDREL.
- 5 SAWCUT AND REMOVE EXISTING AC PAVEMENT AND BASE.
- 6 CONSTRUCT CURB RAMP CASE A PER COUNTY OF RIVERSIDE STANDARD NO 403.
- 7 CONSTRUCT CROSS GUTTER PER RIVERSIDE COUNTY STANDARD NO 209.
- 8 PROTECT IN PLACE.
- 9 ADJUST EXISTING WATER VALVE TO GRADE.
- 10 RELOCATE SIGN PER PLAN AS SHOWN ON NEW POST PER COUNTY OF RIVERSIDE STANDARDS.
- 11 EXISTING FENCE/WALL/GATE TO BE REMOVED AND REPLACED IN KIND CLEAR OF NEW STREET IMPROVEMENTS AS DIRECTED BY THE ENGINEER.
- 12 REMOVE EXISTING SIGN, REPLACE LANDSCAPE/IRRIGATION IN KIND.
- 13 RELOCATE MAILBOX.

**THE ENGINEERING**

APPROVED BY: *[Signature]* 8/14/2018 DATE

PREPARED BY: MIKE HEATH 2305 CHICAGO AVE RIVERSIDE, CA 92507

**LAYOUT**

**CAMINO AVENTURA SIDEWALK**

SCALE: 1"=20'

**SHEET NO. L-7**

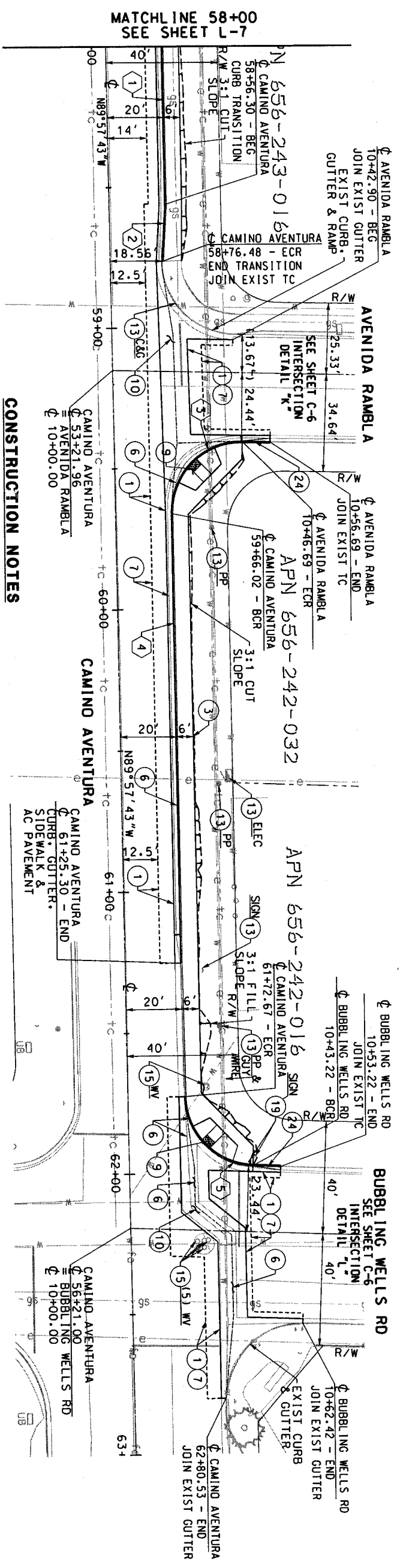
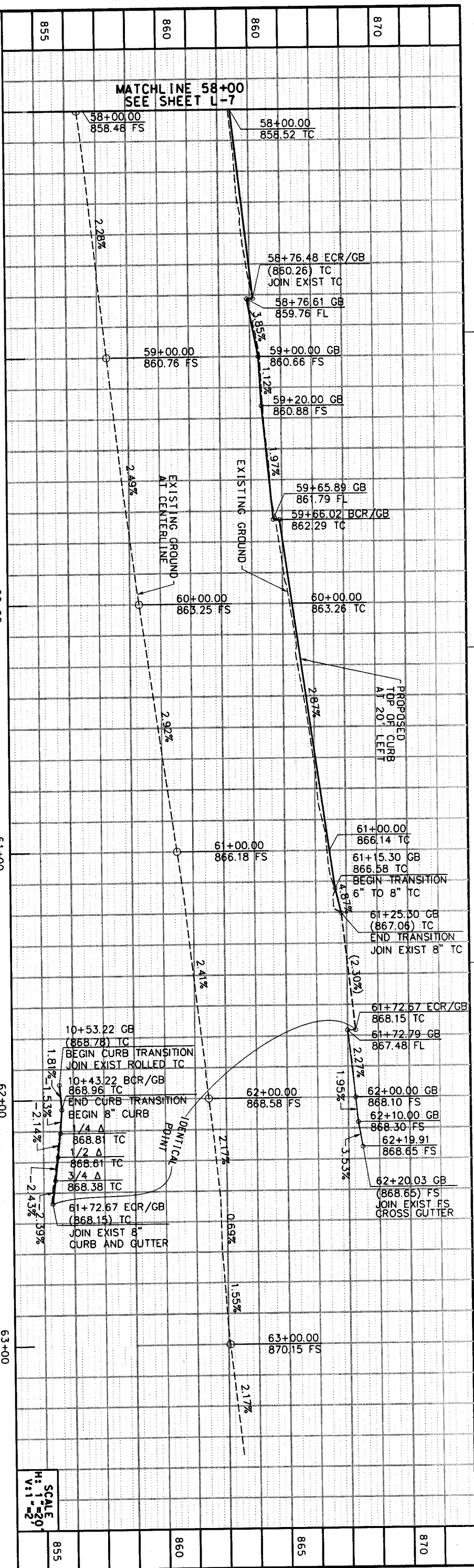
SHEET 10 OF 18

BORDER LAST REVISED 07/21/2015

RELATIVE BORDER SCALE TRANSITION PER RIVERSIDE COUNTY STANDARD NO. 211.

WO C6-0067

COUNTY FILE NO. **966E**



#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	N89°57'43"W	--	56.03'	--
2	N85°56'04"W	--	20.23'	--
3	91°55'43"	25.00'	40.11'	25.86'
4	N89°57'43"W	--	159.30'	--
5	87°24'03"	25.00'	23.89'	24.28'

**CONSTRUCTION NOTES**

- CONSTRUCT 6.35' HMA TYPE A OVER 0.50' CLASS II AGGREGATE BASE.
- CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO 200.
- CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO. 400 & 401.
- SAW CUT AND REMOVE EXISTING PCC CURB AND GUTTER AND CROSS GUTTER AND SPANDREL.
- SAW CUT AND REMOVE EXISTING AC PAVEMENT AND BASE.
- CONSTRUCT CURB RAMP CASE A PER COUNTY OF RIVERSIDE STANDARD NO 403.
- CONSTRUCT CROSS GUTTER PER RIVERSIDE COUNTY STANDARD NO 209.
- PROTECT IN PLACE.
- ADJUST EXISTING WATER VALVE TO GRADE.
- RELOCATE SIGN PER PLAN AS SHOWN ON NEW POST PER COUNTY OF RIVERSIDE STANDARDS.
- CONSTRUCT CURB TRANSITION PER RIVERSIDE COUNTY STANDARD NO. 211.

**TKE ENGINEERING**

APPROVED BY: *[Signature]* 8/14/2018 DATE

PREPARED BY: MIKE HEATH 2395 CHICAGO AVE RIVERSIDE, CA 92507

**LAYOUT**

**CAMINO AVENTURA SIDEWALK**

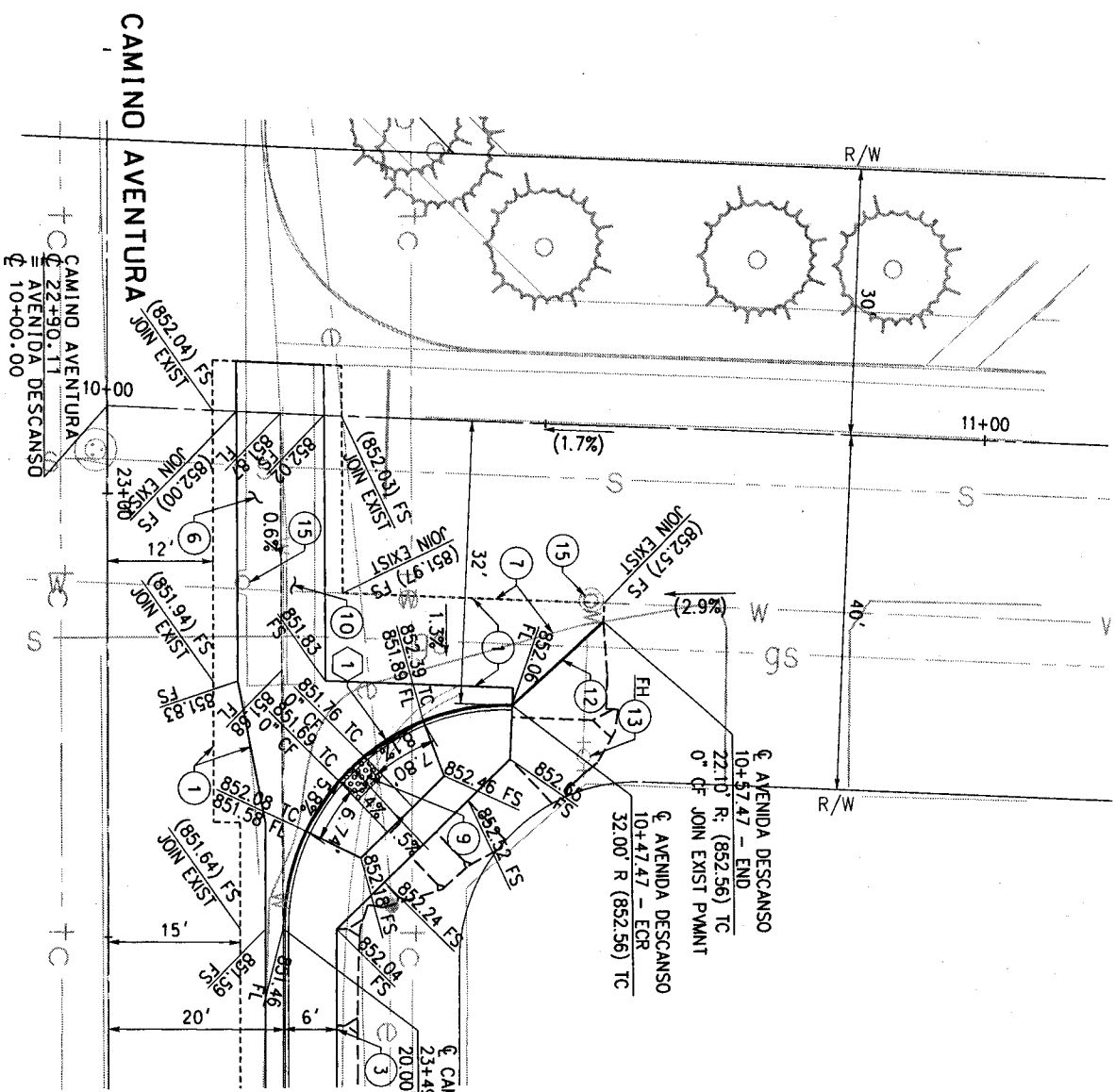
SCALE: 1"=20'

**SHEET NO. L-8**

WO C6-0067

COUNTY FILE NO.

AVENIDA DESCANSO



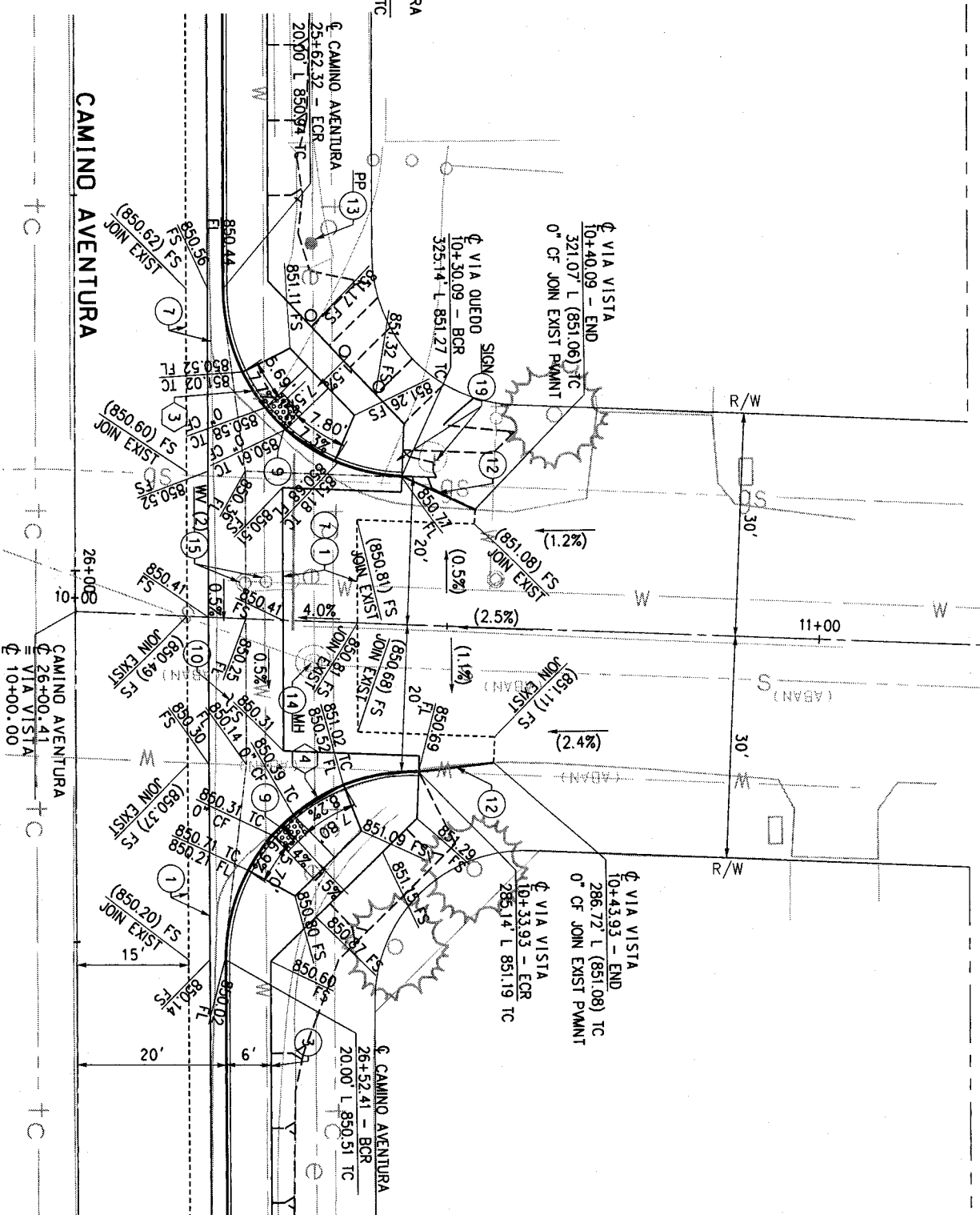
**INTERSECTION DETAIL A**

SCALE: 1"=10'

**CONSTRUCTION NOTES**

- 1 CONSTRUCT 0.35' HMA TYPE A OVER 0.50' CLASS 11 AGGREGATE BASE.
- 2 CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO 200.
- 3 CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO. 400 & 401.
- 5 SAWCUT AND REMOVE EXISTING PCC CURB AND GUTTER OR CROSS GUTTER AND SPANDREL.
- 7 SAWCUT AND REMOVE EXISTING AC PAVEMENT AND BASE.
- 9 CONSTRUCT CURB RAMP CASE A PER COUNTY OF RIVERSIDE STANDARD NO 403.
- 10 CONSTRUCT CROSS GUTTER PER RIVERSIDE COUNTY STANDARD NO 209.
- 12 CONSTRUCT 6" ASPHALT CONCRETE DIKE PER RIVERSIDE COUNTY STANDARD NO 212 WITH 0" TRANSITION TO EDGE OF PAVEMENT.
- 14 ADJUST EXISTING SEWER MANHOLE TO GRADE.
- 15 ADJUST EXISTING WATER VALVE TO GRADE.
- 19 RELOCATE SIGN PER PLAN AS SHOWN ON NEW POST PER COUNTY OF RIVERSIDE STANDARDS.

VIA VISTA



**INTERSECTION DETAIL B**

SCALE: 1"=10'

SEE CURVE / LINE DATA TABLE ON LAYOUT SHEETS



**THE ENGINEERING**

APPROVED BY:



PREPARED BY:  
MIKE HEATH  
2385 CHICAGO AVE  
RIVERSIDE, CA 92507

**TYPICAL SECTIONS**

**CAMINO AVENTURA  
SIDEWALK**  
SCALE: 1" = 10'

**SHEET NO.**

**C-1**

**SHEET 12 OF 18**

RELATIVE BORDER SCALE  
15 IN INCHES

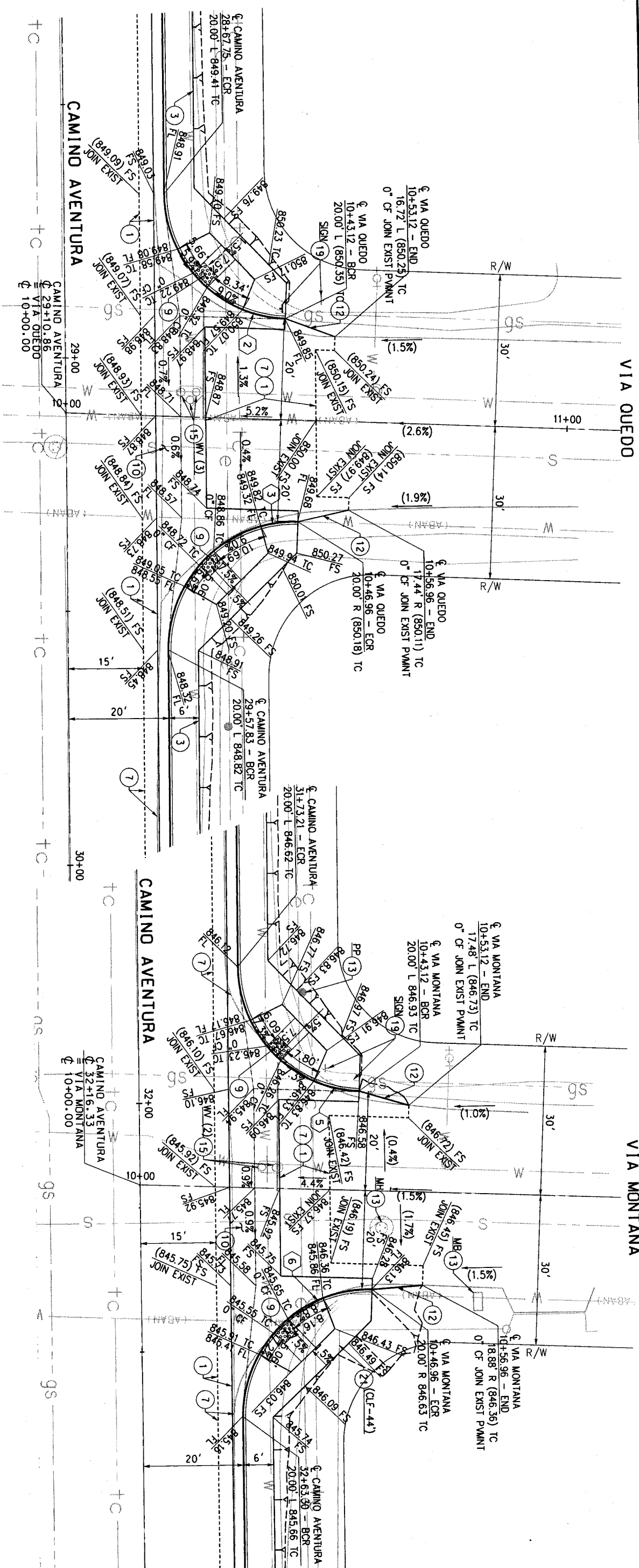


USERNAME: Jose  
DGN FILE: C:\6-0067-Sht12.dgn

WO 66-0067

COUNTY  
FILE NO.

**966E**



**INTERSECTION DETAIL C**

SCALE: 1"=10'

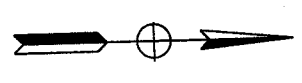
**CONSTRUCTION NOTES**

- 1 CONSTRUCT 0.35' HMA TYPE A OVER 0.50' CLASS II AGGREGATE BASE.
- 2 CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO 200.
- 3 CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO. 400 & 401.
- 7 SAWCUT AND REMOVE EXISTING AC PAVEMENT AND BASE.
- 9 CONSTRUCT CURB RAMP CASE A PER COUNTY OF RIVERSIDE STANDARD NO 403.
- 10 CONSTRUCT CROSS GUTTER PER RIVERSIDE COUNTY STANDARD NO 209.
- 12 CONSTRUCT 6" ASPHALT CONCRETE DIKE PER RIVERSIDE COUNTY STANDARD NO 212 WITH 0" TRANSITION TO EDGE OF PAVEMENT.
- 13 PROTECT IN PLACE.
- 15 ADJUST EXISTING WATER VALVE TO GRADE.
- 19 RELOCATE SIGN PER PLAN AS SHOWN ON NEW POST PER COUNTY OF RIVERSIDE STANDARDS.
- 21 EXISTING FENCE/WALL/GATE TO BE REMOVED AND REPLACED IN KIND CLEAR OF NEW STREET IMPROVEMENTS AS DIRECTED BY THE ENGINEER.

**INTERSECTION DETAIL D**

SCALE: 1"=10'

SEE CURVE / LINE DATA TABLE ON LAYOUT SHEETS



**THE ENGINEERING**

APPROVED BY:

REGISTERED PROFESSIONAL ENGINEER  
 MIKE HEATH  
 No. 52801  
 State of California  
 CIVIL ENGINEER

PREPARED BY:  
 MIKE HEATH  
 2395 CHICAGO AVE  
 RIVERSIDE, CA 92507

8/14/2018  
 DATE

**CONSTRUCTION DETAILS**

**CAMINO AVENTURA  
 SIDEWALK**  
 SCALE: 1" = 10'

**SHEET NO.**

**C-2**

**SHEET 13 OF 18**

USERNAME: j...  
 DON FILE: ...C6-0067-Sh113.dgn

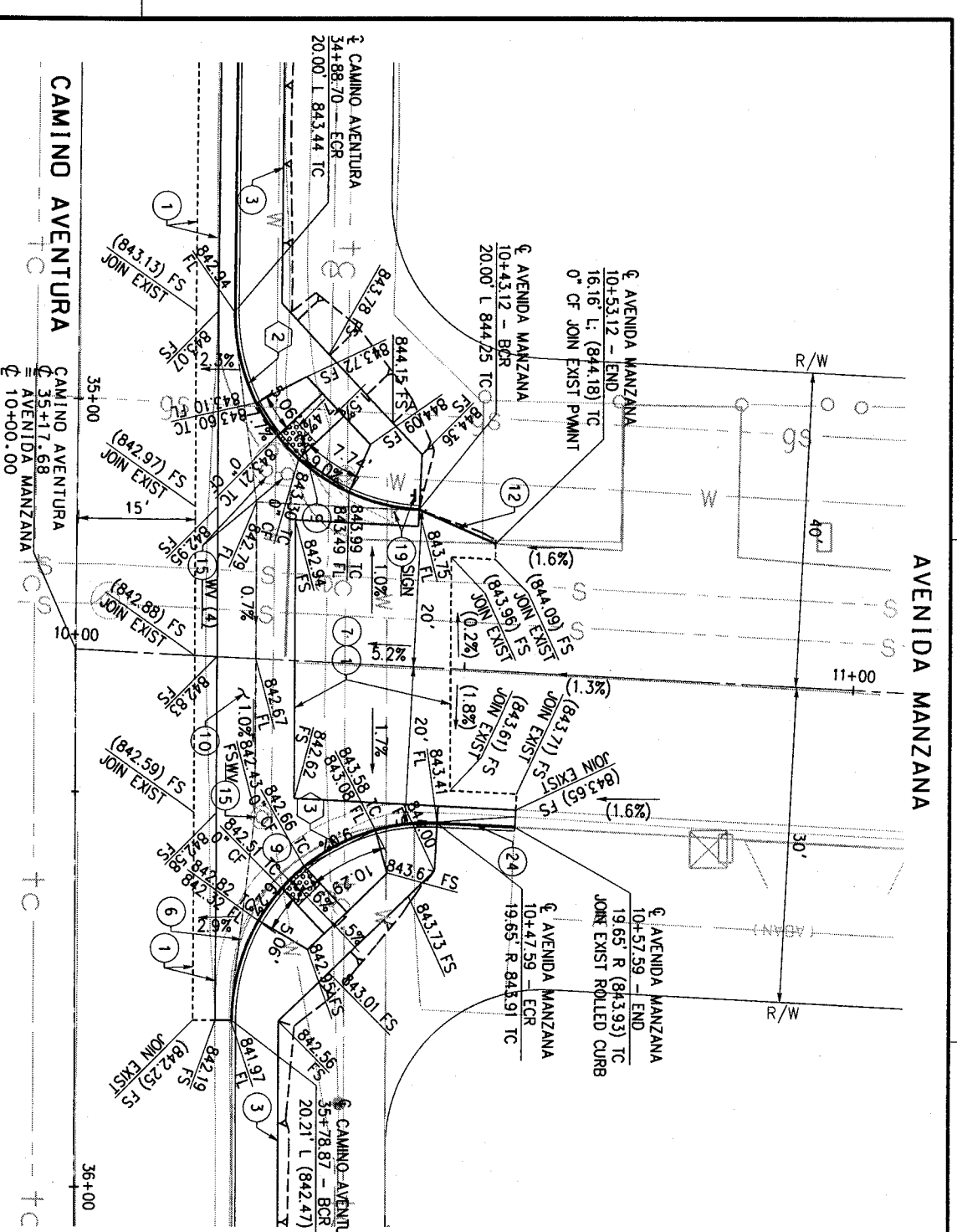
WO C6-0067

COUNTY FILE NO.

**966E**

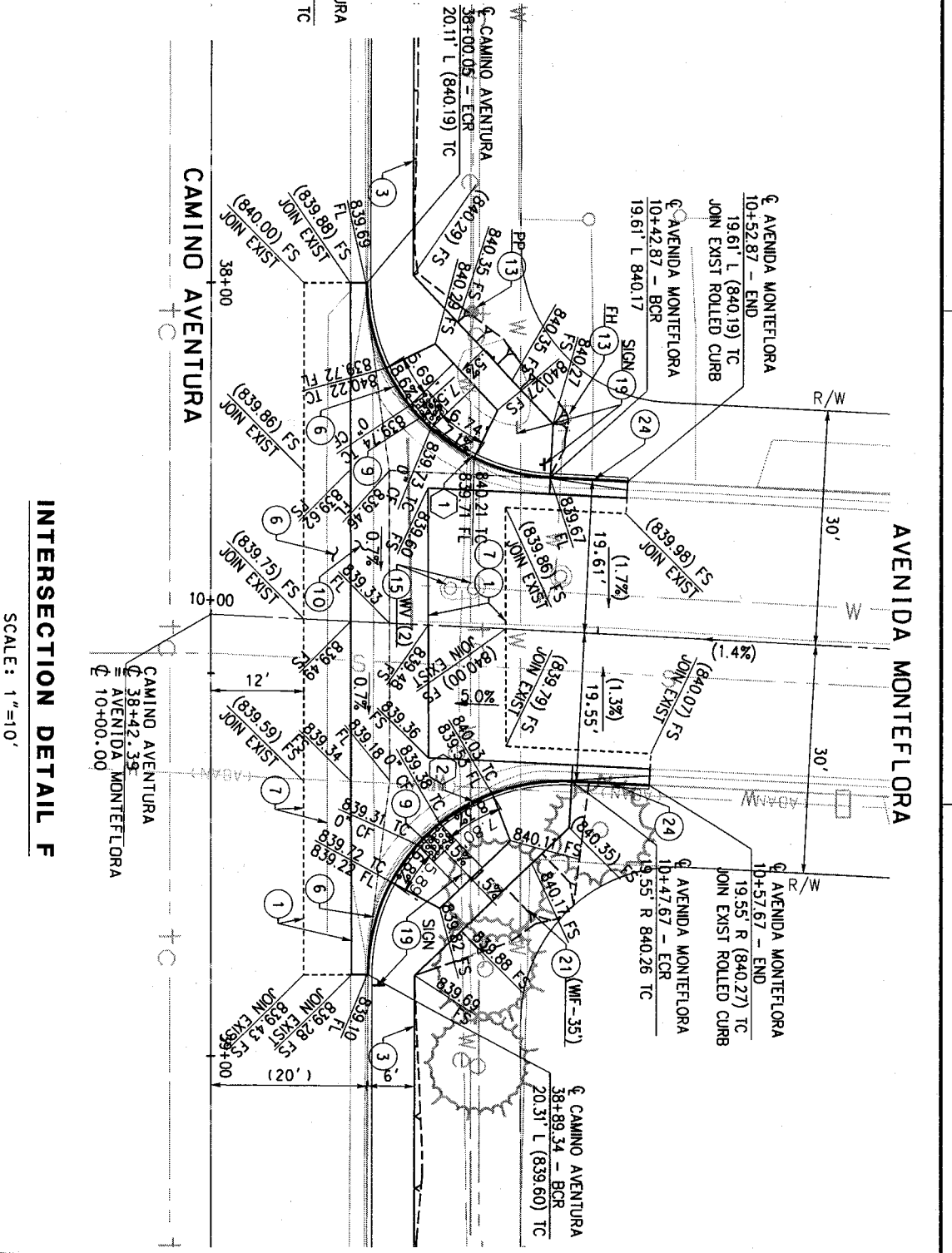
RELATIVE BORDER SCALE  
 15 IN INCHES





**INTERSECTION DETAIL E**

SCALE: 1"=10'



**INTERSECTION DETAIL F**

SCALE: 1"=10'

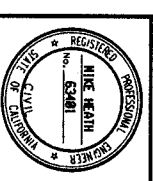
- CONSTRUCTION NOTES**
- 1) CONSTRUCT 0.35' HMA TYPE A OVER 0.50' CLASS II AGGREGATE BASE.
  - 2) CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO. 200.
  - 3) CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO. 400 & 401.
  - 6) SAWCUT AND REMOVE EXISTING PCC CURB AND GUTTER OR CROSS GUTTER AND SPANDREL.
  - 7) SAWCUT AND REMOVE EXISTING AC PAVEMENT AND BASE.
  - 9) CONSTRUCT CURB RAMP CASE A PER COUNTY OF RIVERSIDE STANDARD NO. 403.
  - 10) CONSTRUCT GROSS GUTTER PER RIVERSIDE COUNTY STANDARD NO. 209.
  - 12) CONSTRUCT 6" ASPHALT CONCRETE DIKE PER RIVERSIDE COUNTY STANDARD NO. 212 WITH 0" TRANSITION TO EDGE OF PAVEMENT.
  - 13) PROTECT IN PLACE.
  - 15) ADJUST EXISTING WATER VALVE TO GRADE.
  - 19) RELOCATE SIGN PER PLAN AS SHOWN ON NEW POST PER COUNTY OF RIVERSIDE STANDARDS.
  - 21) EXISTING FENCE/WALL/GATE TO BE REMOVED AND REPLACED IN KIND CLEAR OF NEW STREET IMPROVEMENTS AS DIRECTED BY THE ENGINEER.
  - 24) CONSTRUCT CURB TRANSITION PER RIVERSIDE COUNTY STANDARD NO. 211.

SEE CURVE / LINE DATA TABLE ON LAYOUT SHEETS



**THE ENGINEERING**

APPROVED BY:



PREPARED BY:  
MIKE HEATH  
2700 CHILCAGO AVE  
RIVERSIDE, CA 92507

8/14/2018  
DATE

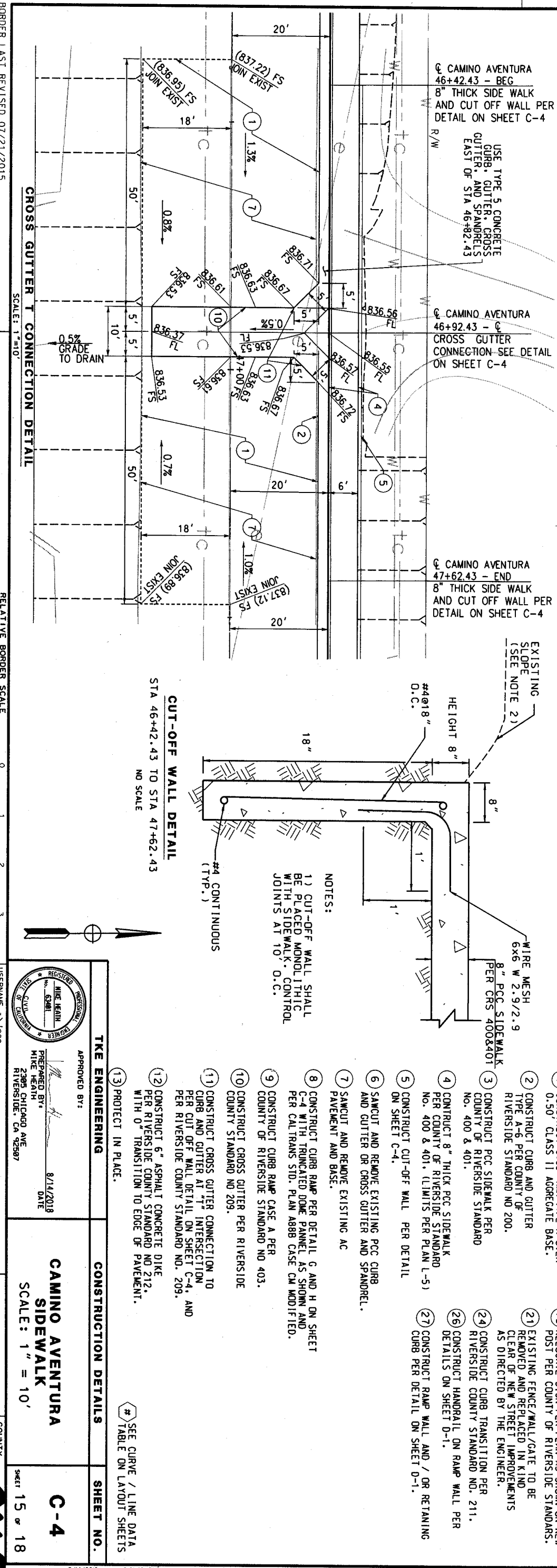
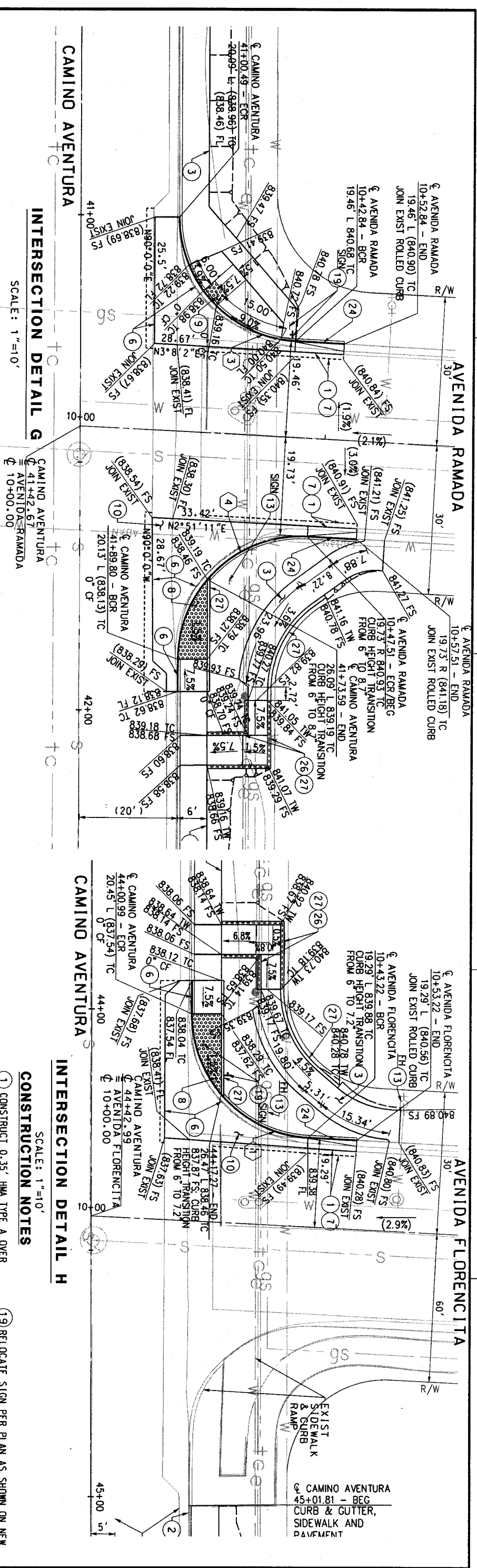
**CONSTRUCTION DETAILS**

**CAMINO AVENTURA  
SIDEWALK**  
SCALE: 1" = 10'

**SHEET NO.**

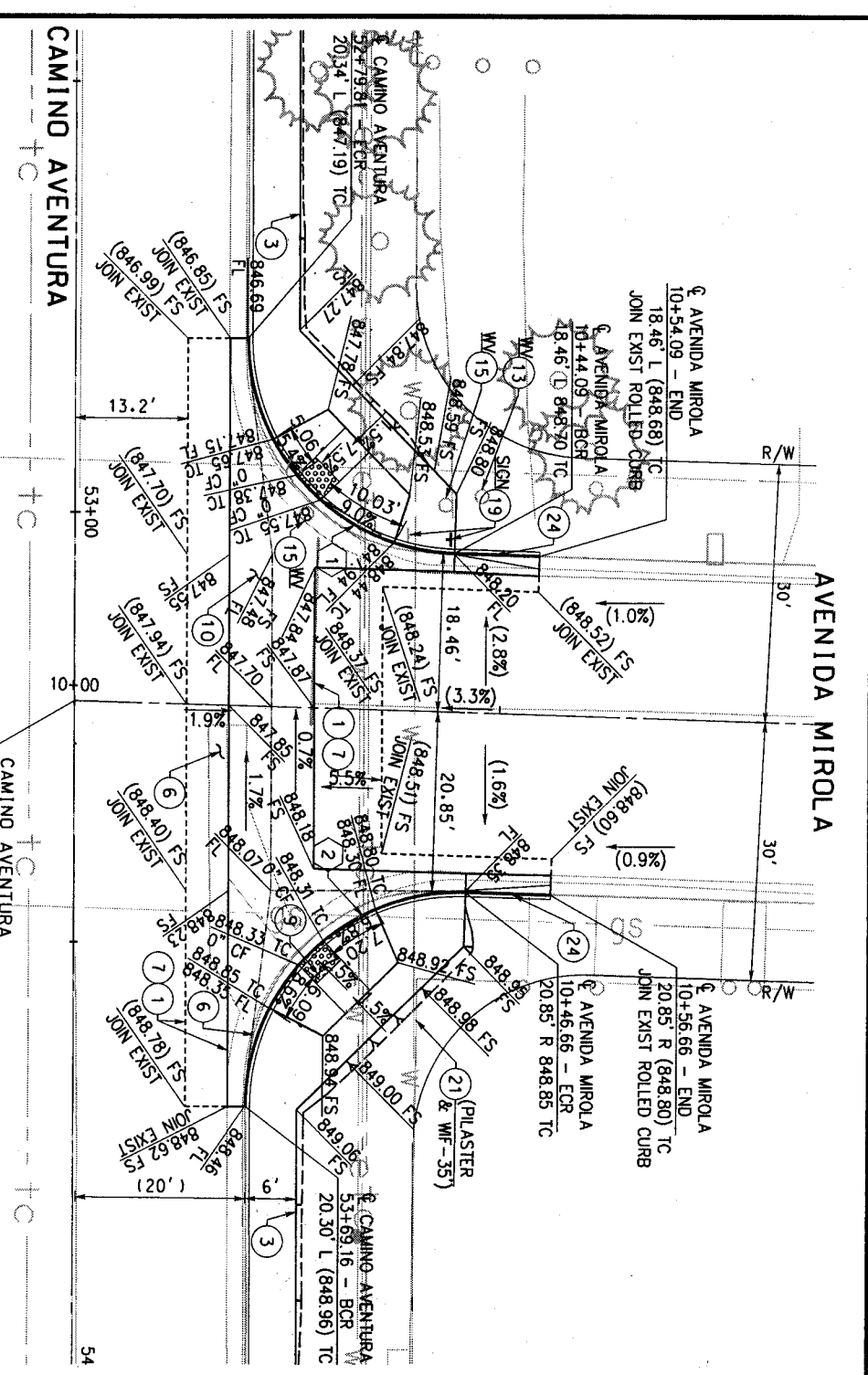
**C-3**  
SHEET 14 OF 18





	APPROVED BY: MIKE HEATH 8/14/2018 DATE	<b>CAMINO AVENTURA          SIDEWALK</b> SCALE: 1" = 10' <b>C-4</b> SHEET 15 OF 18
USERNAME: jrose DDN FILE: \\...06-0067-Sht15.dgn	PREPARED BY: MIKE HEATH 2805 CHICAGO AVE RIVERSIDE, CA 92507	COUNTY: WO CG-0067 FILE NO.: 966E

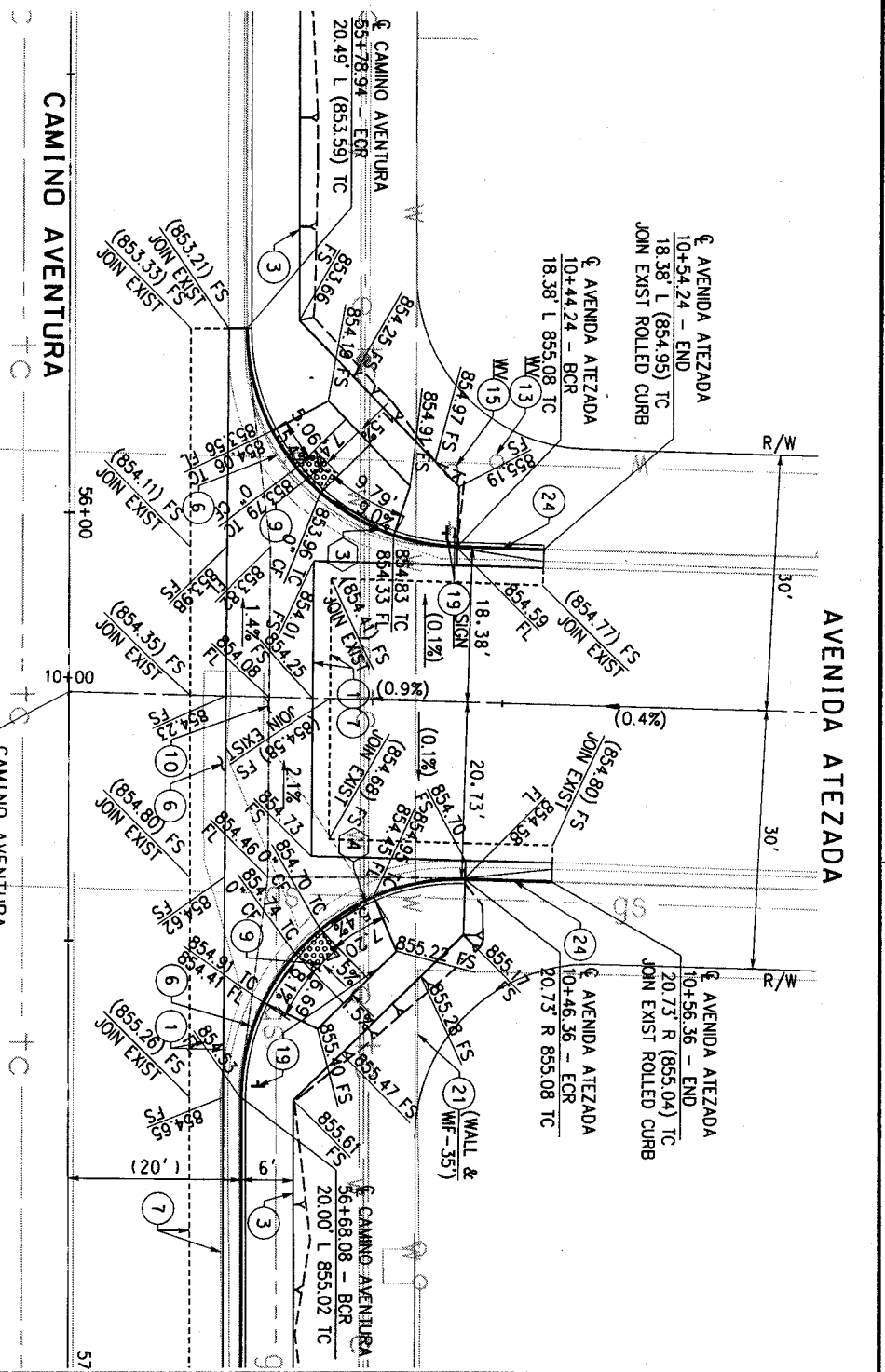




INTERSECTION DETAIL I  
SCALE: 1"=10'

**CONSTRUCTION NOTES**

- 1 CONSTRUCT 0.35' HMA TYPE A OVER 0.50' CLASS II AGGREGATE BASE.
- 2 CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO. 200.
- 3 CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO. 400 & 401.
- 6 SAWCUT AND REMOVE EXISTING PCC CURB AND GUTTER OR CROSS GUTTER AND SPANDREL.
- 7 SAWCUT AND REMOVE EXISTING AC PAVEMENT AND BASE.
- 9 CONSTRUCT CURB RAMP CASE A PER COUNTY OF RIVERSIDE STANDARD NO. 403.
- 10 CONSTRUCT CROSS GUTTER PER RIVERSIDE COUNTY STANDARD NO. 209.
- 13 PROTECT IN PLACE.
- 19 RELOCATE SIGN PER PLAN AS SHOWN ON NEW POST PER COUNTY OF RIVERSIDE STANDARDS.
- 15 ADJUST EXISTING WATER VALVE TO GRADE.
- 21 EXISTING FENCE/WALL/GATE TO BE REMOVED AND REPLACED IN KIND CLEAR OF NEW STREET IMPROVEMENTS AS DIRECTED BY THE ENGINEER.
- 24 CONSTRUCT CURB TRANSITION PER RIVERSIDE COUNTY STANDARD NO. 211.



INTERSECTION DETAIL J  
SCALE: 1"=10'

**THE ENGINEERING**

APPROVED BY:

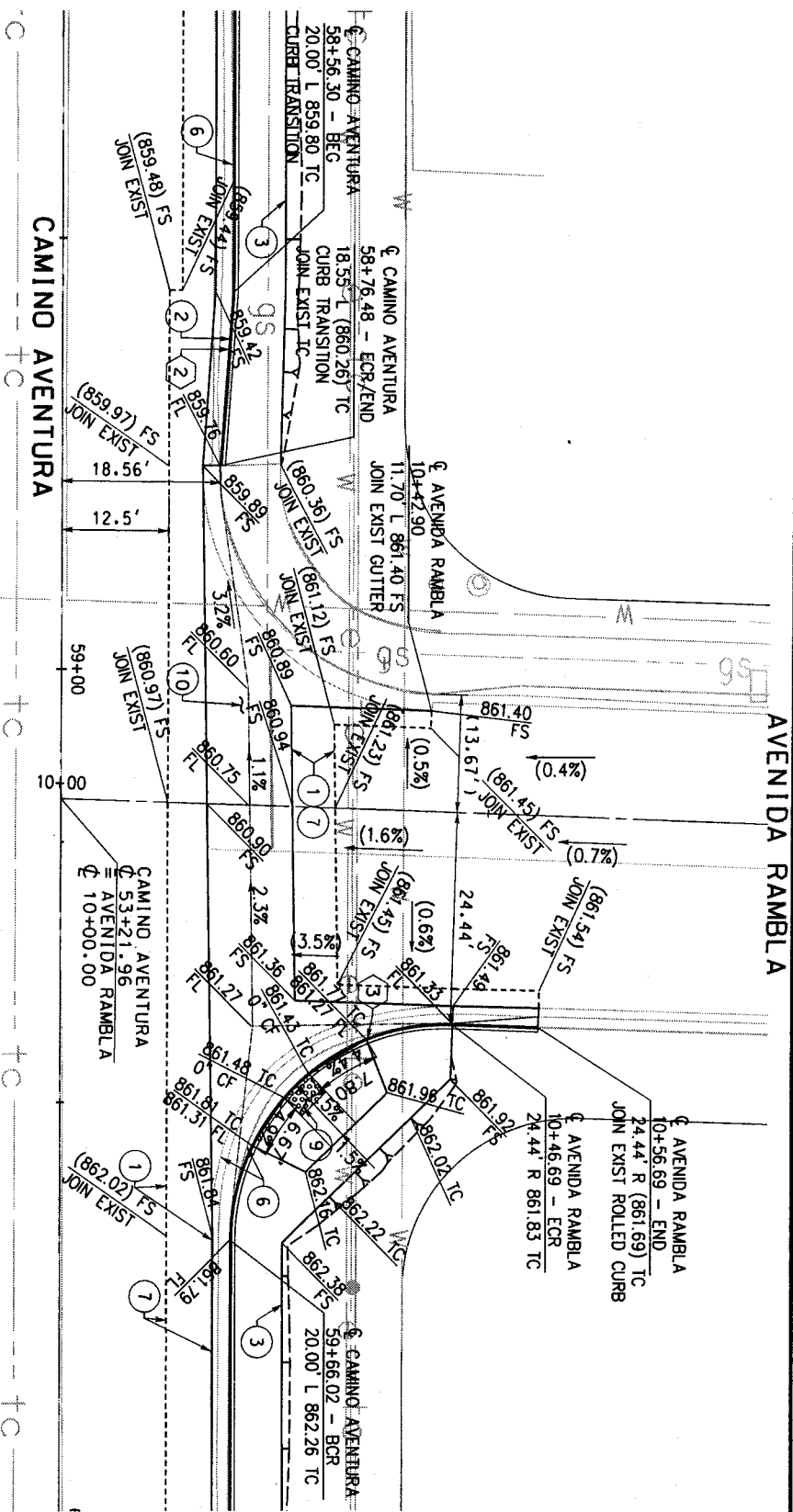
REGISTERED PROFESSIONAL ENGINEER  
MIGUEL HEATH  
No. 5281  
2308 CHICAGO AVE  
RIVERSIDE, CA 92507  
8/14/2018  
DATE

**CONSTRUCTION DETAILS**

**CAMINO AVENTURA  
SIDEWALK**  
SCALE: 1" = 10'

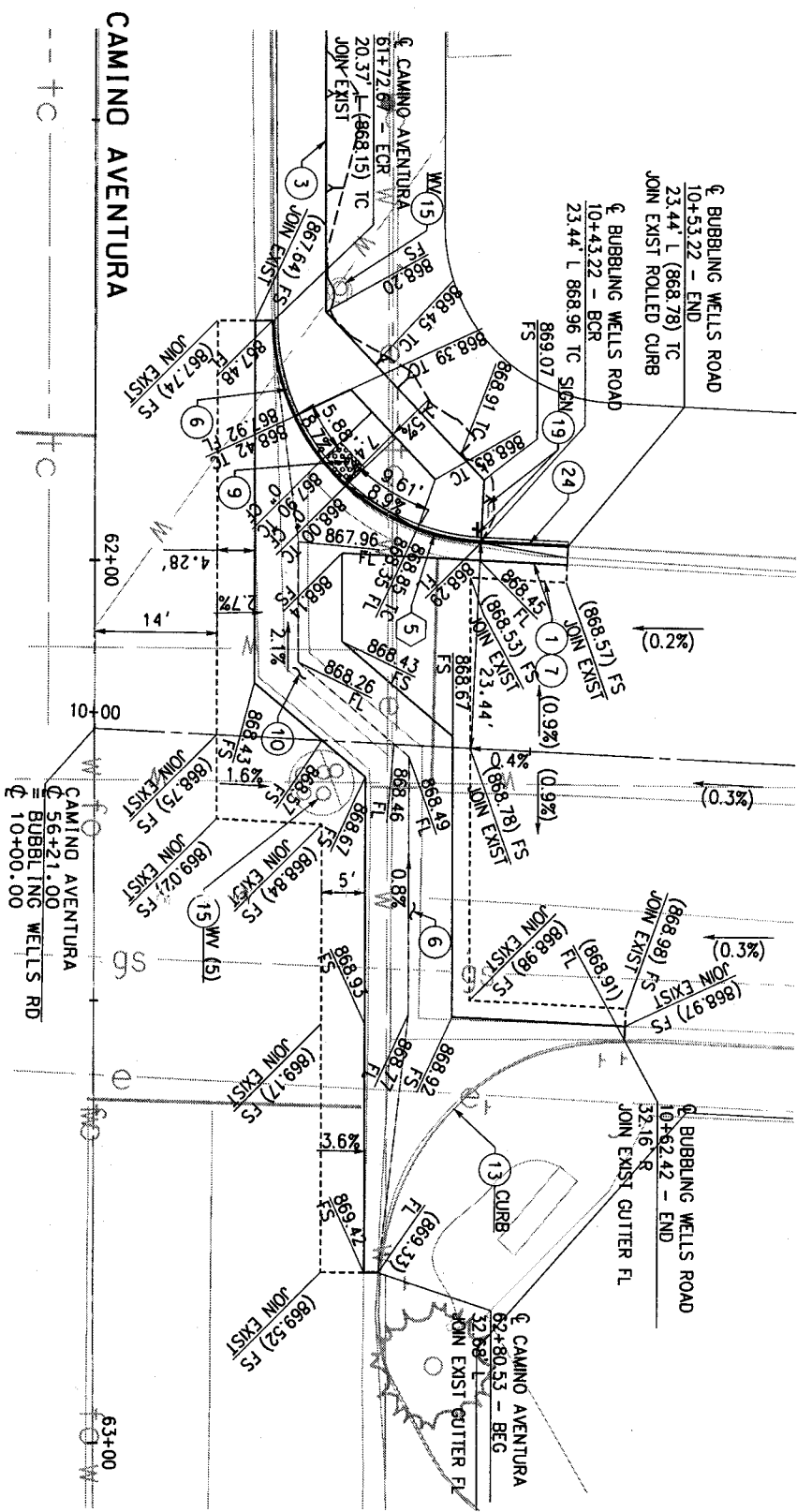
**SHEET NO.**

**C-5**  
SHEET 16 of 18



INTERSECTION DETAIL K

SCALE: 1"=10'



INTERSECTION DETAIL L

SCALE: 1"=10'

**CONSTRUCTION NOTES**

- 1 CONSTRUCT 0.35' HMA TYPE A OVER 0.50' CLASS II AGGREGATE BASE.
- 2 CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO 200.
- 3 CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO. 400 & 401.
- 6 SAWCUT AND REMOVE EXISTING PCC CURB AND GUTTER OR CROSS GUTTER AND SPANDREL.
- 7 SAWCUT AND REMOVE EXISTING AC PAVEMENT AND BASE.
- 9 CONSTRUCT CURB RAMP CASE A PER COUNTY OF RIVERSIDE STANDARD NO 403.
- 10 CONSTRUCT CROSS GUTTER PER RIVERSIDE COUNTY STANDARD NO 209.
- 13 PROTECT IN PLACE.
- 15 ADJUST EXISTING WATER VALVE TO GRADE.
- 19 RELOCATE SIGN PER PLAN AS SHOWN ON NEW POST PER COUNTY OF RIVERSIDE STANDARDS.
- 21 EXISTING FENCE/WALL/GATE TO BE REMOVED AND REPLACED IN KIND CLEAR OF NEW STREET IMPROVEMENTS AS DIRECTED BY THE ENGINEER.
- 24 CONSTRUCT CURB TRANSITION PER RIVERSIDE COUNTY STANDARD NO. 211.

\* SEE CURVE / LINE DATA  
 # TABLE ON LAYOUT SHEETS

**THE ENGINEERING**

APPROVED BY:



PREPARED BY:  
 MIKE HEATH  
 2389 CHICAGO AVE  
 RIVERSIDE, CA 92507

8/14/2018

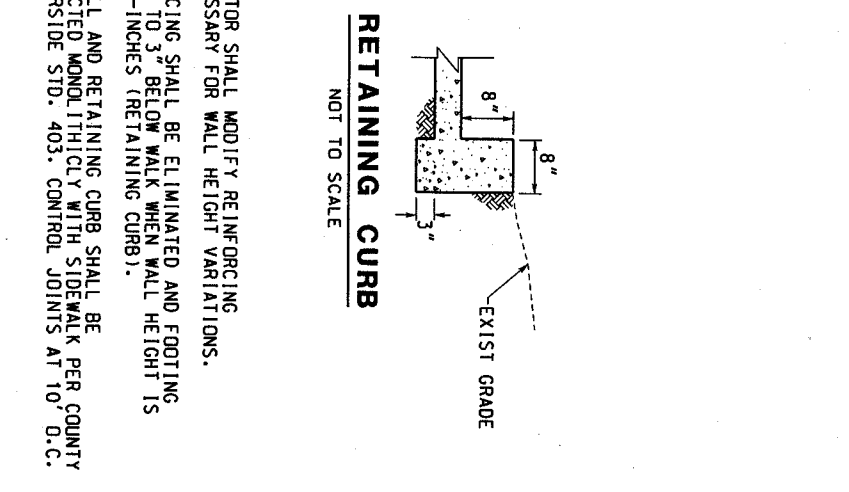
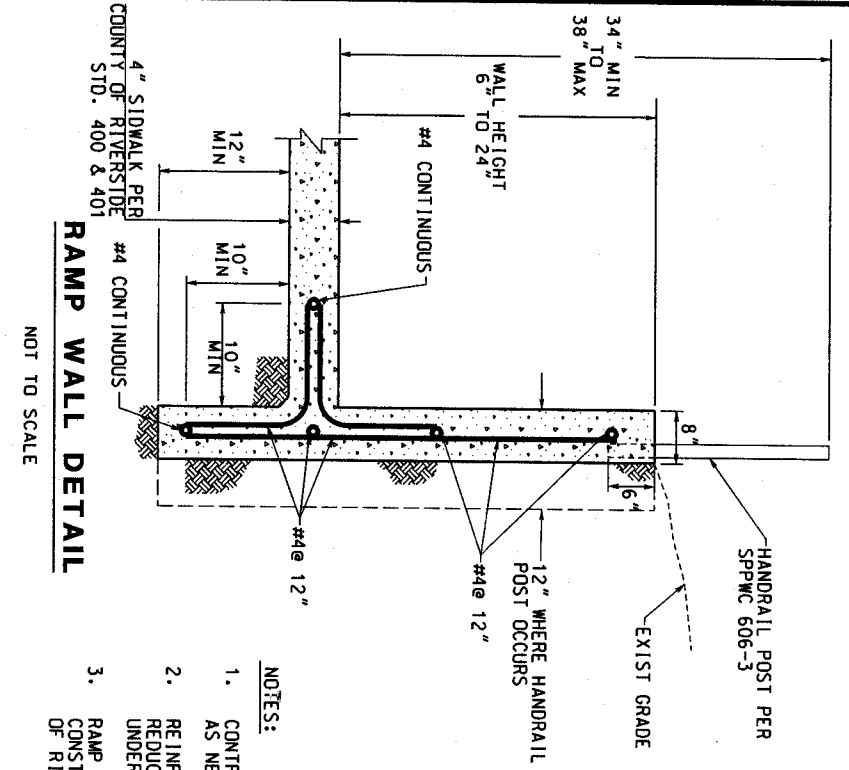
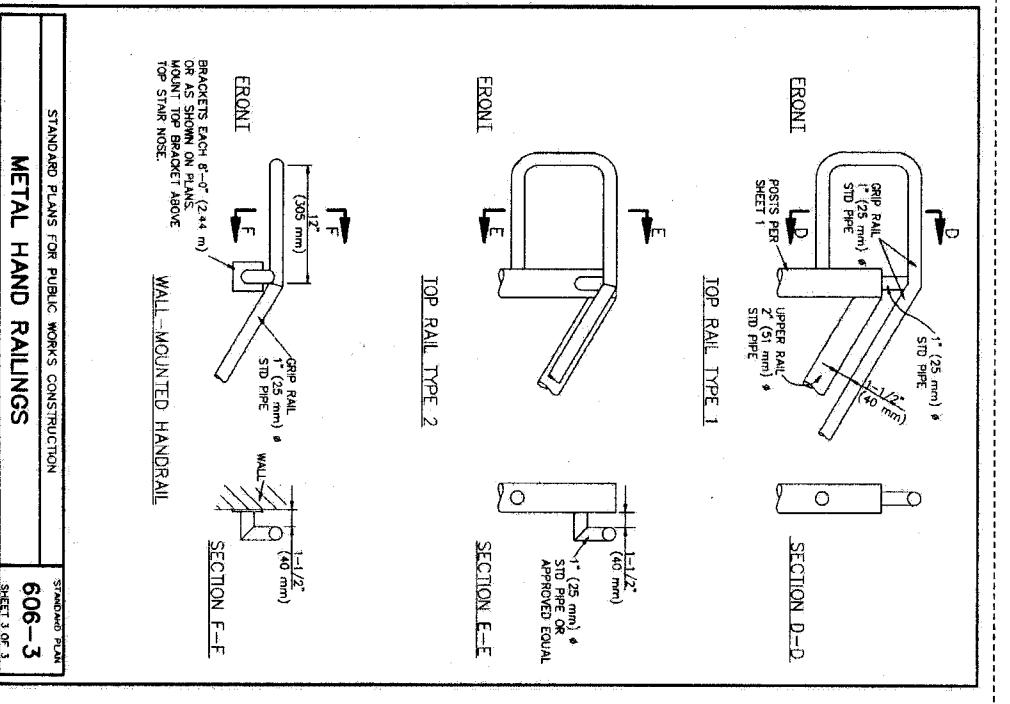
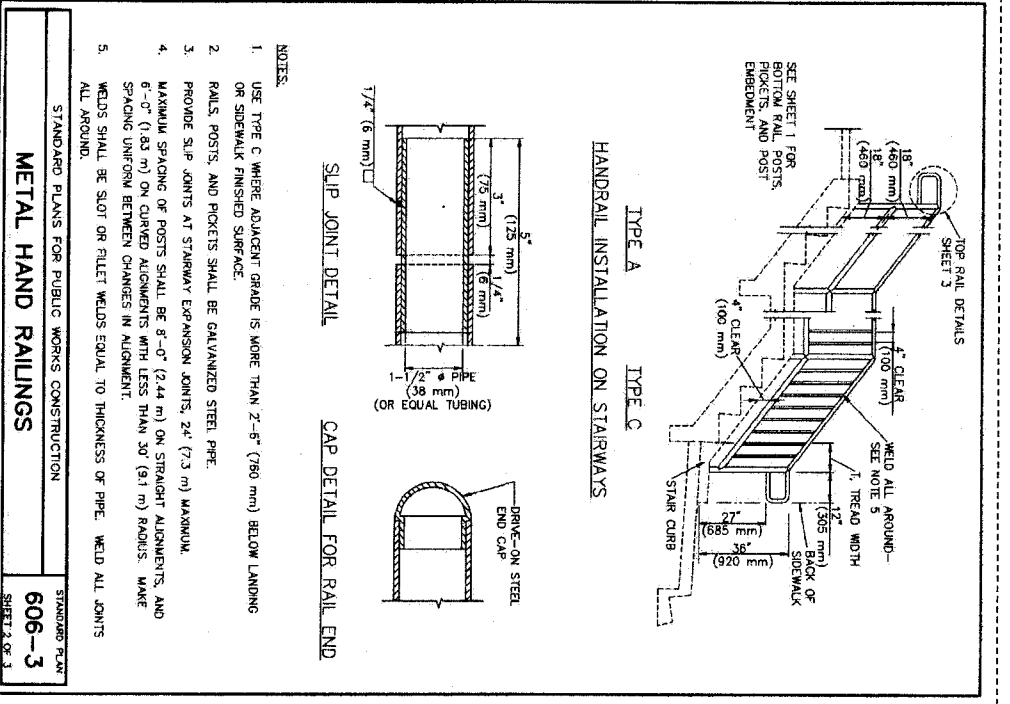
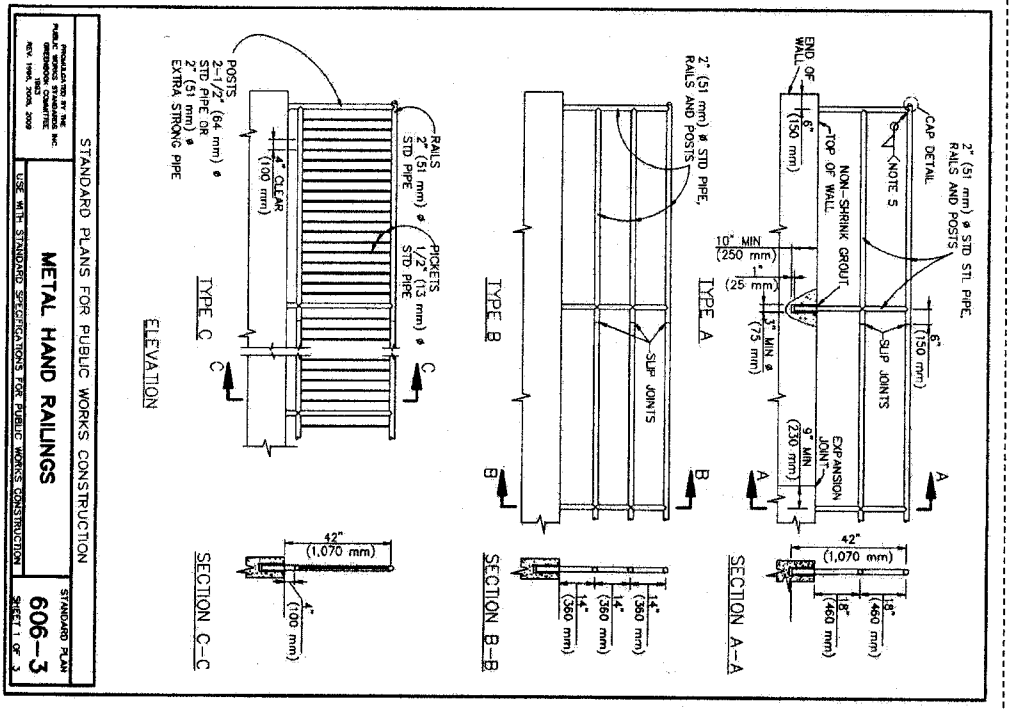
DATE

**CONSTRUCTION DETAILS**

SHEET NO.

**CAMINO AVENTURA  
 SIDEWALK**  
 SCALE: 1" = 10'

SHEET 17 of 18



**NOTES:**

1. CONTRACTOR SHALL MODIFY REINFORCING AS NECESSARY FOR WALL HEIGHT VARIATIONS.
2. REINFORCING SHALL BE ELIMINATED AND FOOTING UNDER 8-INCHES (RETAINING CURB).
3. RAMP WALL AND RETAINING CURB SHALL BE CONSTRUCTED MONOLITHICALLY WITH SIDEWALK PER COUNTY OF RIVERSIDE STD. 403. CONTROL JOINTS AT 10' O.C.

**TKE ENGINEERING**  
 REGISTERED PROFESSIONAL ENGINEER  
 MIKE HEATH  
 No. 53481  
 CIVIL  
 PREPARED BY: MIKE HEATH  
 2395 CHICAGO AVE  
 RIVERSIDE, CA 92507  
 APPROVED BY: [Signature]  
 DATE: 8/14/2019  
**CAMINO AVENTURA**  
**SIDEWALK**  
 NO SCALE  
**D-1**  
 SHEET NO. 18 OF 18

**GENERAL NOTES**

1. ALL MATERIAL AND WORK SHALL CONFORM TO THE 2015 EDITION OF THE PLANS AND SPECIFICATIONS OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.
2. LOCATIONS OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS AND VERIFY ALL CONDITIONS ON THE JOB SITE PRIOR TO COMMENCING WORK. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY BE OCCURRED BY HIS UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY ALL CONCERNED UTILITY COMPANIES AT LEAST 48 HOURS IN ADVANCE OF EXCAVATION. CALL UNDERGROUND SERVICE ALERT AT 811.
3. SEE CALTRANS STANDARD PLANS ES-1A AND ES-1B FOR SYMBOL AND ABBREVIATION LEGEND.
4. EXISTING PRIVATELY OWNED IMPROVEMENTS ON PUBLIC RIGHT-OF-WAY SHALL BE PROTECTED OR REPLACED IF DAMAGED. AS DIRECTED BY THE ENGINEER.
5. CONTRACTOR LICENSE CLASS A OR C-12 REQUIRED

**BASIS OF BEARING**

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA STATE PLANE COORDINATE SYSTEM, CCS83, ZONE 6, BASED LOCALLY ON CONTROL STATIONS:  
 NGS PID: NA CSRC SITE CODE: P600  
 NGS PID: A14509 CSRC SITE CODE: WIDC  
 NAD 83 (NSRS 2011) EPOCH 2010.0 AS SHOWN HEREON. ALL BEARINGS AND DISTANCES SHOWN HEREON ARE GRID UNLESS SPECIFIED OTHERWISE. GROUND DISTANCE MAY BE OBTAINED BY MULTIPLYING THE GRID DISTANCE BY A COMBINATION FACTOR OF: 1.000016475; CALCULATIONS MADE AT PT #2102. COORDINATES OF: N: N224197.777, E: 6518548.372, ELEV: 241.456.  
 CONVERGENCE ANGLE: -0.04\*40.8359"

**BENCH MARK**

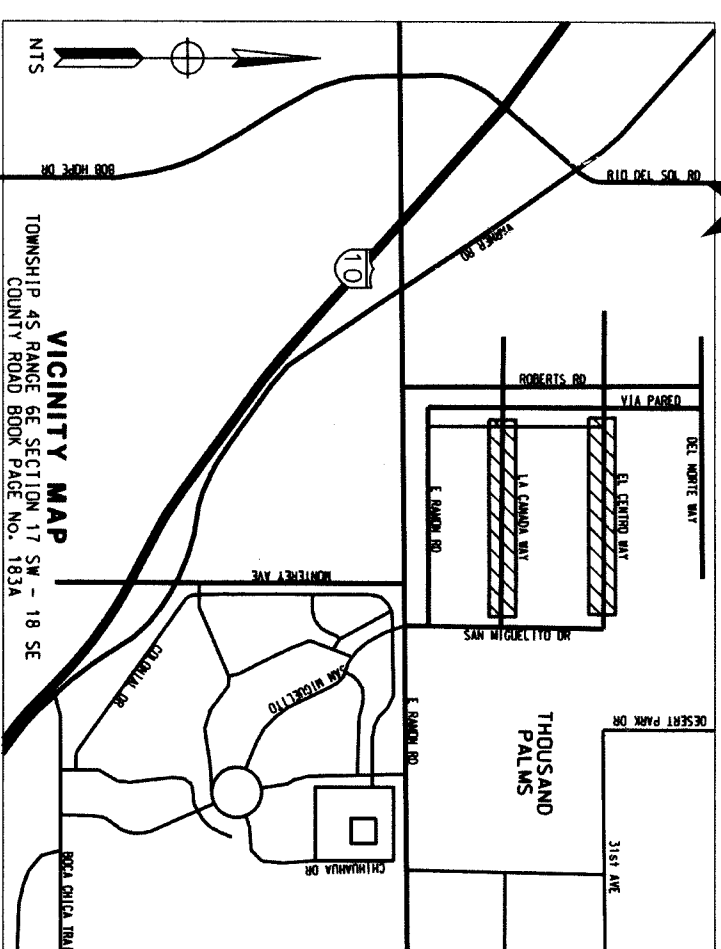
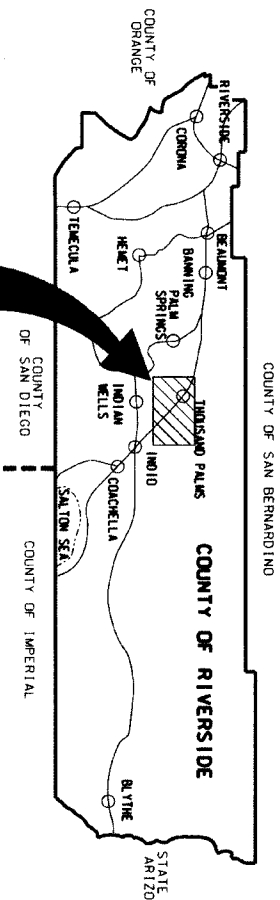
THE BENCH MARK USED FOR THIS SURVEY IS PD-50 DATUM: NVD 29 ELEV: 225.75  
 DESCRIPTION: HANDWELL MONUMENT AT THE INTERSECTION OF RAMON RD AND MONTERAY AVE.  
 AND FIELD NOTES FROM CWD  
 FIELD BOOK NO. 2247, SURVEY NO. 6586

REVIEWS OF PROJECT PLANS AND SPECIFICATIONS BY THE COUNTY OF RIVERSIDE IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE THE ENGINEER IN RESPONSIBLE CHARGE (AS DEFINED BY SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE) OF HIS RESPONSIBILITY TO COMPLETELY WITH APPLICABLE STANDARDS FOR THE PROJECT DESIGN. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERTS (800) 227-2600, AND ALL CONCERNED UTILITY COMPANIES AT LEAST TWO WORKING DAYS IN ADVANCE OF EXCAVATION

**COUNTY OF RIVERSIDE  
 TRANSPORTATION DEPARTMENT**

**LA CANADA WAY AND  
 EL CENTRO WAY  
 SIDEWALK IMPROVEMENTS**

FROM VIA VENTANA  
 TO SAN MIGUELITO DRIVE  
 COMMUNITY OF THOUSAND PALMS  
 PROJECT NUMBER C6-0068  
 STATE NO. ATPL-5956(257)



**ABBREVIATIONS & LEGEND**

AB	AGGREGATE BASE	R/W	RIGHT OF WAY
AC	ASPHALT CONCRETE	SHLD	SHOULDER
AP	ANGLE POINT	STA	STATION
ARHM	ASPHALT RUBBER HOT MIX	STD	STANDARD
BCR	BEGIN CURB RETURN	UB	UTILITY BOX
BEG	BEGIN	VAR	VARIABLES
BLDG	BUILDING	W	WIDTH
CB	CATCH BASIN	W/F	WROUGHT IRON FENCE
CIR	COLD IN PLACE RECYCLING	○	CLEAN OUT
CL	CENTER LINE	—	DRAIN INLET
CLF	CHAIN LINK FENCE	—	RECTANGULAR
CMP	CORRUGATED METAL PIPE	○	DRAIN INLET ROUND
CONC	CONCRETE	—	FIRE HYDRANT
CAG	CURB AND GUTTER	○	GAS METER
DWY	DRIVEWAY	○	GAS VALVE
ECR	END CURB RETURN	—	GUY WIRE
EP	EDGE OF PAVEMENT	○	LIGHT
ETW	EDGE OF TRAVEL WAY	□	MAIL BOX(S)
EX	EXISTING	○	MANHOLE
FH	FIRE HYDRANT	○	POWER POLE
HMA	HOT MIX ASPHALT	—	SLOPE - PROPOSED
L	LENGTH	—	TRAFFIC SIGNAL
LT	LEFT	—	WATER METER
MOD	MODIFICATION, MODIFIED	○	WATER VALVE
NAP	NOT A PART		
NO	NUMBER		
PCC	PORTLAND CEMENT CONCRETE		
PP	POWER POLE		
R	RADIUS		
RAP	RECYCLED AGGREGATE PAVEMENT		
RCP	REINFORCED CONCRETE PIPE		
RT	RIGHT		
RW	RETAINING WALL		
N'LY	NORTHERLY		
S'LY	SOUTHERLY		

**INDEX OF SHEETS**

SHEET NO.	DESCRIPTION
1	TITLE
2	INDEX, NOTES AND DETAILS
3	TYPICAL CROSS SECTIONS
4 - 15	LAYOUT
16 - 21	CONSTRUCTION DETAILS

**CONCURRED BY THE ENGINEERING**

APPROVED BY: *Mike Healy* 8/14/2018  
 PREPARED BY: *Mike Healy*  
 2395 CHILCOT AVE RIVERSIDE, CA 92507

DATE: 8/14/2018

**LA CANADA WAY AND  
 EL CENTRO WAY  
 SIDEWALK  
 NO SCALE**

**SHEET NO. T1**

**C6-0068 - LA CANADA WAY & EL CENTRO WAY STREET IMPROVEMENTS**

BORDER LAST REVISED 07/21/2015

RELATIVE BORDER SCALE  
 15 IN INCHES



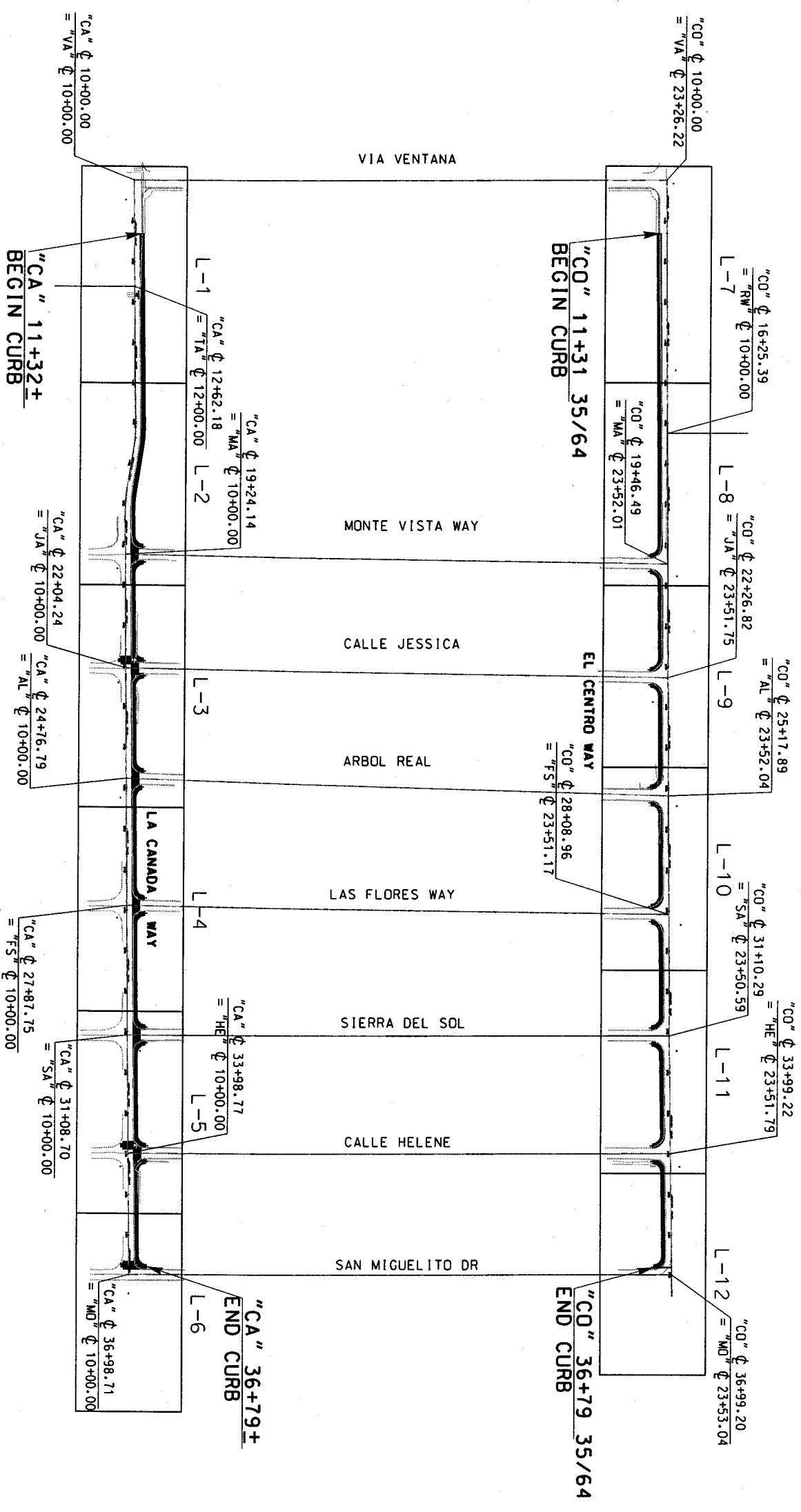
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WO C6-0068

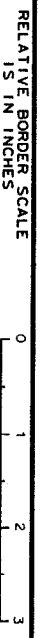
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**SURVEY DATA**  
 COUNTY OF RIVERSIDE T.L.M.A. TRANSPORTATION/SURVEY DIVISION

THIS PLAN, MAP OR DRAWING IS PROVIDED VIA ELECTRONIC MEDIA. AS SUCH IT IS SUBJECT TO INHERENT ERRORS, OMISSIONS OR DEFECTS WHICH ARE NOT THE RESPONSIBILITY OF THE ENGINEER. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF THE INFORMATION PROVIDED HEREON. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INFORMATION FROM THE RECORD DRAWINGS AND SURVEY DATA. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INFORMATION FROM THE RECORD DRAWINGS AND SURVEY DATA. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INFORMATION FROM THE RECORD DRAWINGS AND SURVEY DATA.



**SHEET INDEX MAP**  
 NOT TO SCALE



- CONSTRUCTION NOTES**
- 1 CONSTRUCT 0.35' HMA TYPE A OVER 0.60' CLASS II AGGREGATE BASE.
  - 2 CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO 200.
  - 3 CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO 400 & 401.
  - 4 SAWCUT AND REMOVE AC PAVEMENT/ DRIVEWAY OR PAVERS AND SUBGRADE.
  - 5 CONSTRUCT UNDER SIDEWALK DRAIN CAST IN PLACE PER RIVERSIDE COUNTY STANDARD NO 309.
  - 6 CONSTRUCT CURB RAMP CASE A PER COUNTY OF RIVERSIDE STANDARD NO 403.
  - 7 CONSTRUCT CURB RAMP CASE B PER COUNTY OF RIVERSIDE STANDARD NO 403.
  - 8 CONSTRUCT CROSS GUTTER PER RIVERSIDE COUNTY STANDARD NO 209.
  - 9 CONSTRUCT CROSS GUTTER CONNECTION TO CURB AND GUTTER AT "T" INTERSECTION PER DETAIL ON SHEET C-1, AND PER RIVERSIDE COUNTY STANDARD NO. 209.
  - 10 CONSTRUCT 6" ASPHALT CONCRETE DIKE PER RIVERSIDE COUNTY STANDARD NO 212, WITH 0" TRANSITION TO EDGE OF PAVEMENT.
  - 11 CONSTRUCT ASPHALT CONCRETE DRIVEWAY APPROACH WITH AC DIKE PER RIVERSIDE COUNTY STANDARD NO 206.
  - 12 PROTECT IN PLACE
  - 13 ADJUST EXISTING SEWER MANHOLE TO GRADE. (BY CWD)
  - 14 ADJUST EXISTING WATER VALVE TO GRADE. (BY CWD)
  - 15 SAWCUT AND REMOVE EXISTING AC CROSS GUTTER.
  - 16 RELOCATE EXISTING STREET LIGHT ON MDD POLE (BY IID).
  - 17 CONSTRUCT BOLLARDS.
  - 18 RELOCATE SIGN PER LAYOUT PLAN ON NEW POST PER RIVERSIDE COUNTY STANDARDS.
  - 19 CONSTRUCT RESIDENTIAL DRIVEWAY PER RIVERSIDE COUNTY STANDARD NO 207.
  - 20 EXISTING FENCE/WALL/GATE TO BE REMOVED AND REPLACED IN KIND CLEAR OF NEW STREET IMPROVEMENTS AS DIRECTED BY THE ENGINEER.
  - 21 REMOVE EXISTING TREE AND OR VEGETATION.
  - 22 RELOCATE EXISTING POWER POLE (BY IID).
  - 23 RELOCATE EXISTING MAILBOX.
  - 24 ADJUST EXISTING WATER METER BOX TO GRADE.
  - 25 RELOCATE EXISTING ELECTRICAL CABINET (BY IID).

**TKE ENGINEERING**

APPROVED BY:

REGISTERED PROFESSIONAL ENGINEER  
 MIKE HEATH  
 No. 52401  
 COUNTY OF RIVERSIDE, CALIFORNIA

PREPARED BY:  
 MIKE HEATH  
 2385 CHICAGO AVE  
 RIVERSIDE, CA 92507

8/14/2018  
 DATE

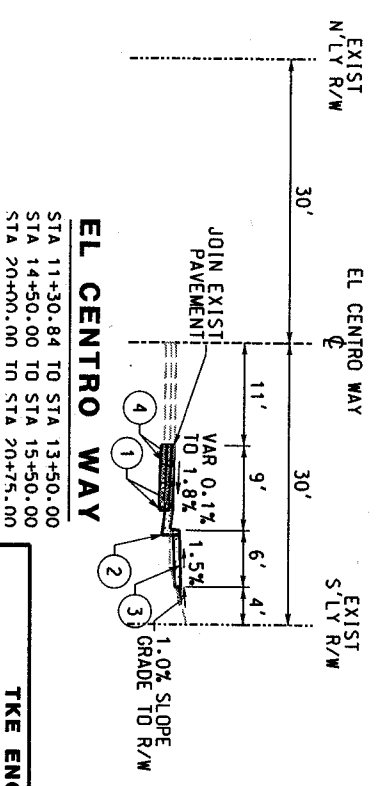
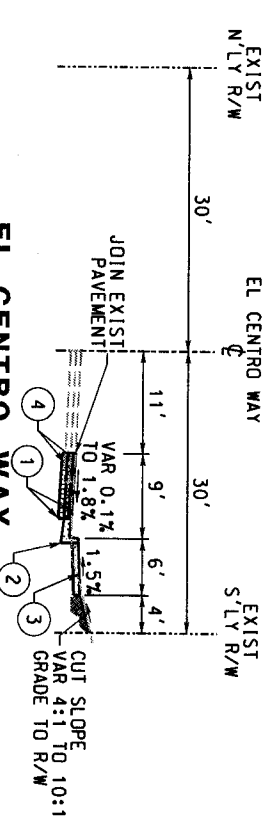
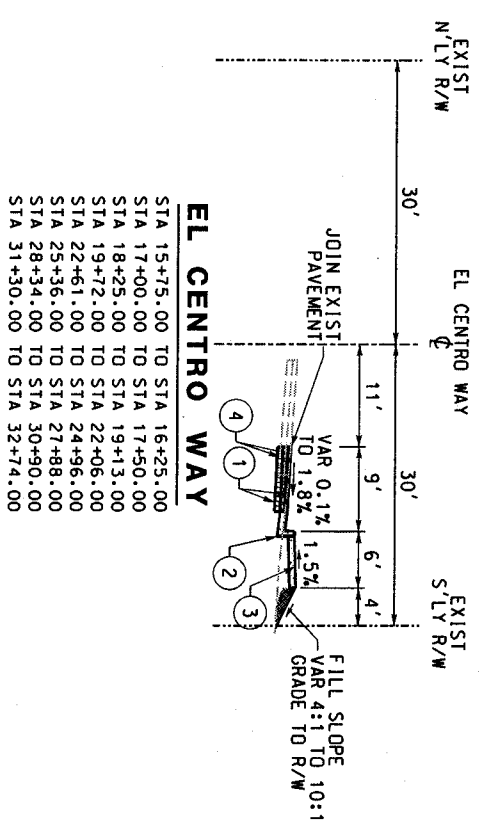
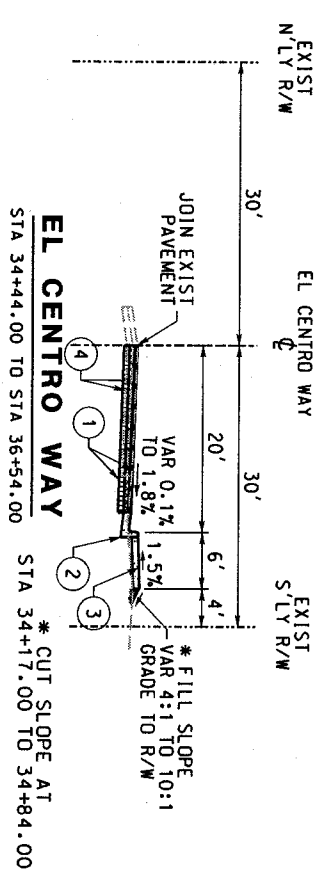
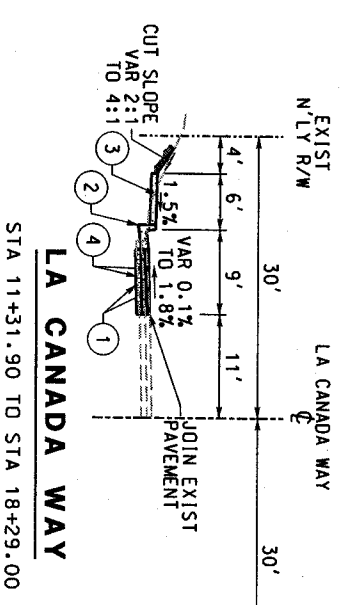
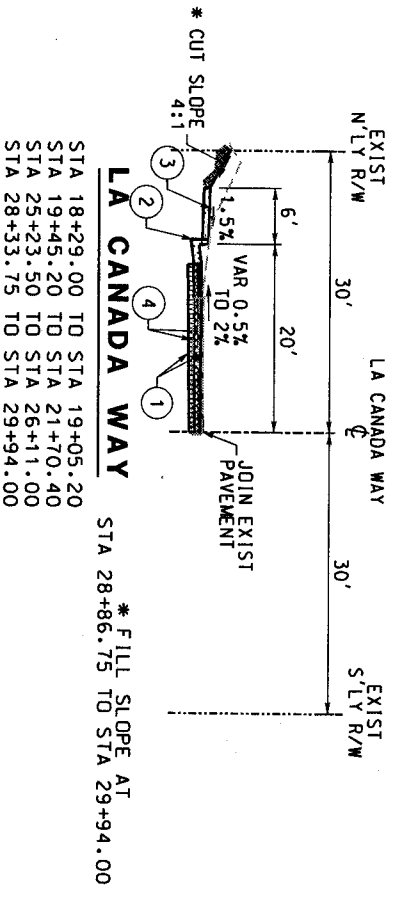
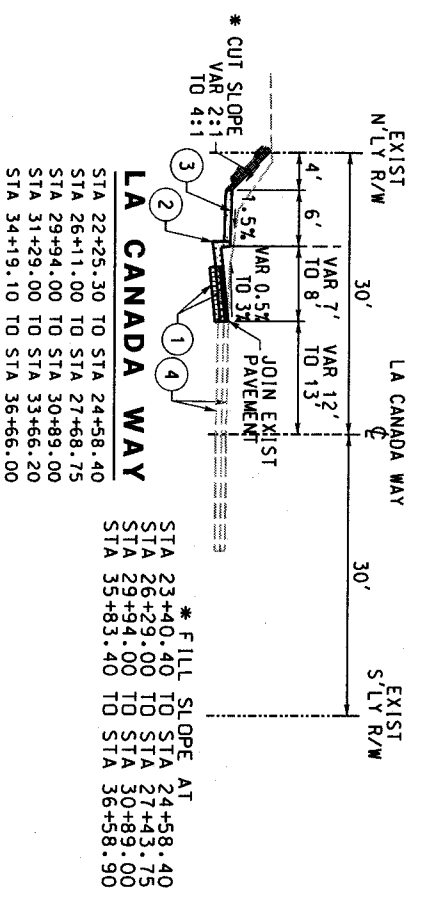
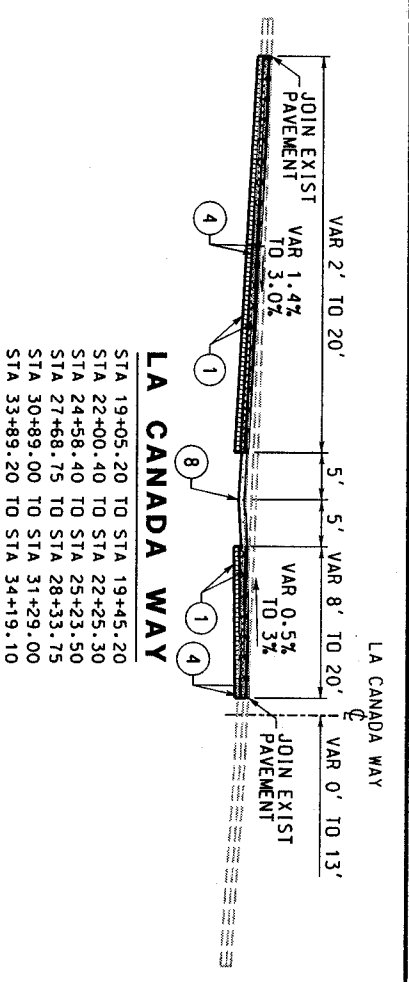
**KEY MAP**

**LA CANADA WAY AND EL CENTRO WAY NO SCALE**

**SHEET NO.**

**K-1**

SHEET 2 OF 21



- CONSTRUCTION NOTES**
- 1 CONSTRUCT 0.35" HMA TYPE A OVER 0.60 CLASS II AGGREGATE BASE.
  - 2 CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO 200.
  - 3 CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO 400 & 401.
  - 4 SAWCUT AND REMOVE AC PAVEMENT/ DRIVEWAY OR PAVERS AND SUBGRADE.
  - 8 CONSTRUCT CROSS GUTTER PER RIVERSIDE COUNTY STANDARD NO 209.

BORDER LAST REVISED 07/21/2015

RELATIVE BORDER SCALE 1.5" IN INCHES



**THE ENGINEERING**

APPROVED BY:

PREPARED BY: MIKE HEATH  
 2385 CHICAGO AVE  
 RIVERSIDE, CA 92507

DATE: 8/14/2018

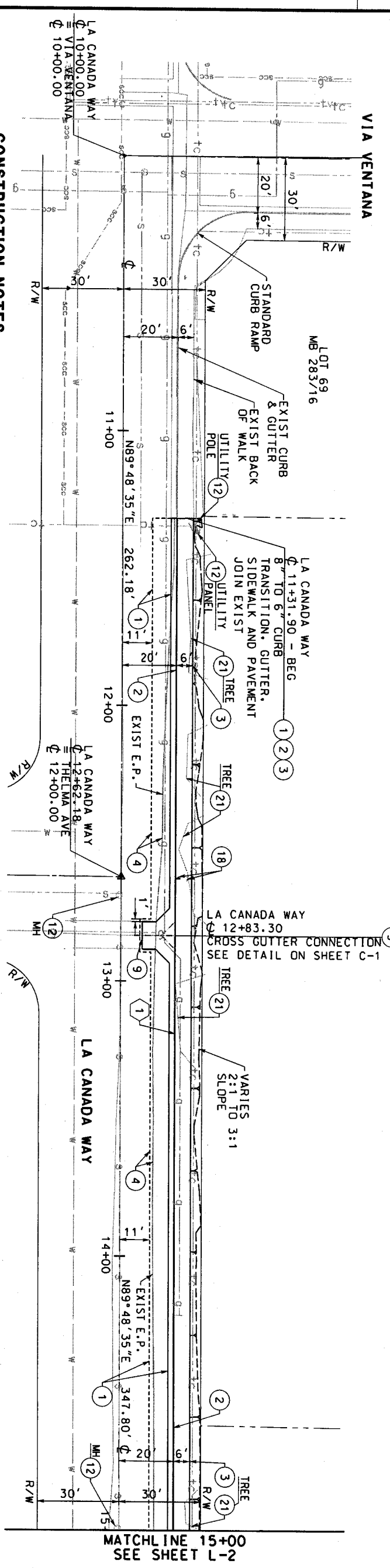
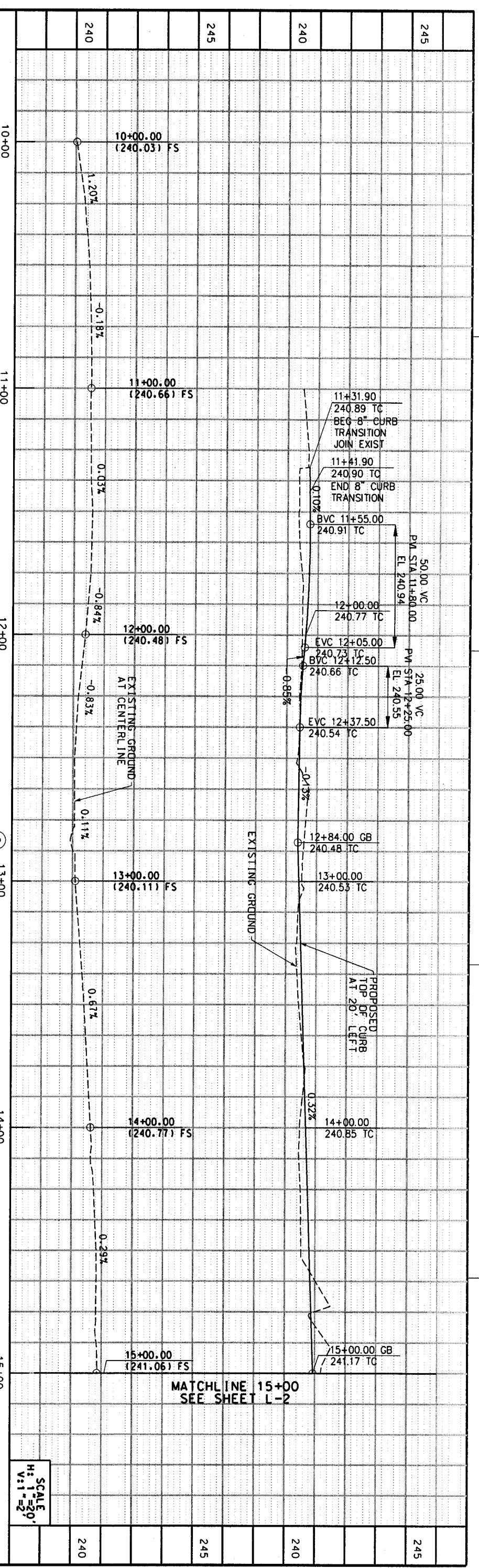
**TYPICAL SECTIONS**

LA CANADA WAY AND EL CENTRO WAY  
 NO SCALE

**SHEET NO.**

X-1

SHEET 3 OF 21




**CONSTRUCTION NOTES**

- 1) CONSTRUCT 0.35' HMA TYPE A OVER 0.60' CLASS II AGGREGATE BASE.
- 2) CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO. 200.
- 3) CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO. 400 & 401.
- 4) SAWCUT AND REMOVE AC PAVEMENT/ DRIVEWAY OR PAVERS AND SUBGRADE.
- 9) CONSTRUCT CROSS GUTTER CONNECTION TO CURB AND GUTTER AT "T" INTERSECTION PER DETAIL ON SHEET C-1, AND PER RIVERSIDE COUNTY STANDARD NO. 209.
- 12) PROTECT IN PLACE
- 18) RELOCATE SIGN PER LAYOUT PLAN ON NEW POST PER RIVERSIDE COUNTY STANDARDS.
- 21) REMOVE EXISTING TREE AND OR VEGETATION.

**CURVE / LINE DATA TABLE**

#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	N89°48'35"E	--	368.10'	--

**THE ENGINEERING**

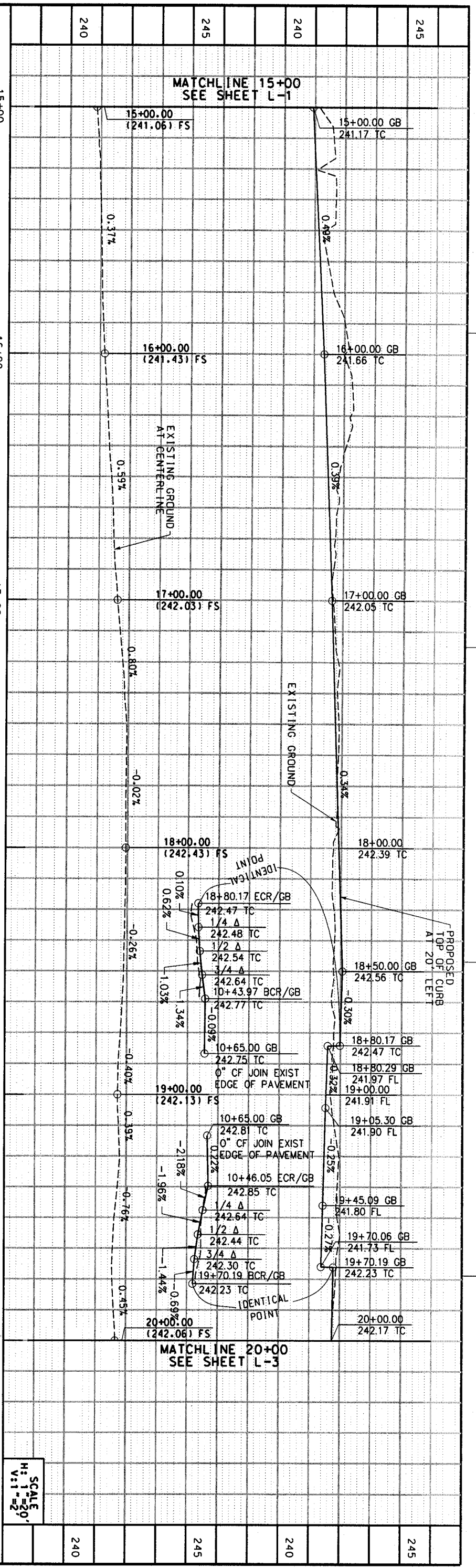
APPROVED BY:   
 PREPARED BY: MIKE HEATH  
 2305 CHICAGO AVE  
 RIVERSIDE, CA 92507  
 8/14/2018  
 DATE

**LAYOUT**

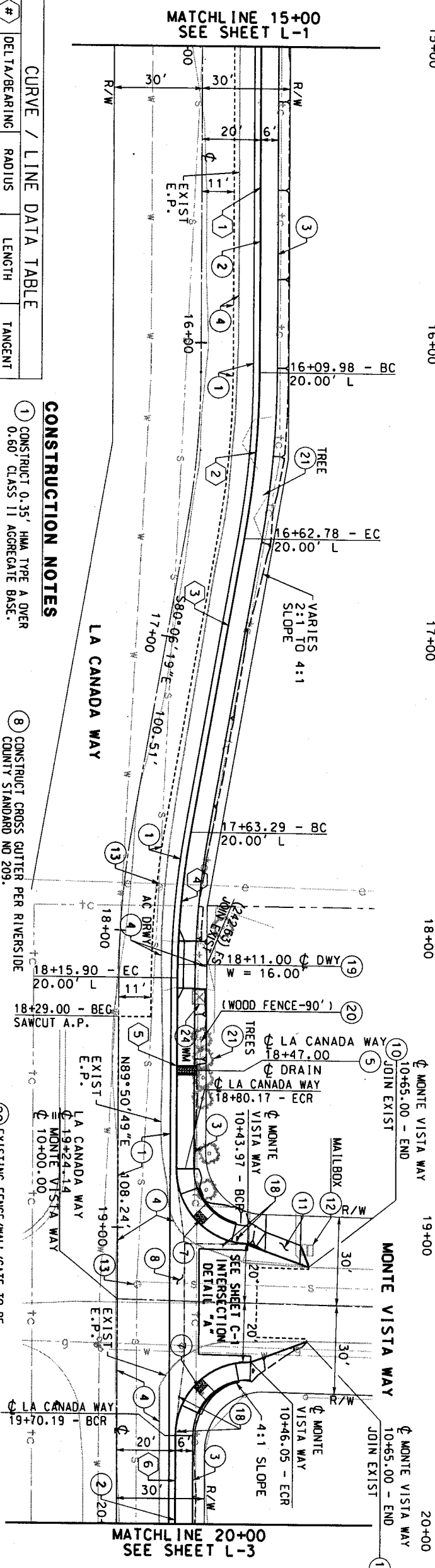
**LA CANADA WAY AND EL CENTRO WAY SIDEWALK**  
 SCALE: 1" = 20'

**SHEET NO.**

**L-1**  
 SHEET 4 OF 21



#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	N89°48'35"E	--	109.98'	--
2	10°05'05"	319.99'	56.32'	28.23'
3	N80°06'19"W	--	100.51'	--
4	10°02'52"	279.99'	49.10'	24.61'
5	N89°50'49"E	--	64.27'	--
6	N89°50'49"E	--	29.81'	--



**CONSTRUCTION NOTES**

- 1 CONSTRUCT 0.35' HMA TYPE A OVER 0.60' CLASS II AGGREGATE BASE.
- 2 CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO 200.
- 3 CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO 400 & 401.
- 4 SAWCUT AND REMOVE AC PAVEMENT/ DRIVEWAY OR PAVEMENT AND SUBGRADE.
- 5 CONSTRUCT UNDER SIDEWALK DRAIN CAST IN PLACE PER RIVERSIDE COUNTY STANDARD NO 309.
- 6 CONSTRUCT CURB RAMP CASE B PER COUNTY OF RIVERSIDE STANDARD NO 403.
- 7 CONSTRUCT CROSS GUTTER PER RIVERSIDE COUNTY STANDARD NO 209.
- 8 CONSTRUCT 6" ASPHALT CONCRETE DIKE PER RIVERSIDE COUNTY STANDARD NO 212. WITH 0' TRANSITION TO EDGE OF PAVEMENT.
- 9 CONSTRUCT ASPHALT CONCRETE DRIVEWAY APPROACH WITH AC DIKE PER RIVERSIDE COUNTY STANDARD NO 206.
- 10 PROTECT IN PLACE
- 11 ADJUST EXISTING SEWER MANHOLE TO GRADE. (BY CWM)
- 12 RELOCATE SIGN PER LAYOUT PLAN ON NEW POST PER RIVERSIDE COUNTY STANDARDS.
- 13 CONSTRUCT RESIDENTIAL DRIVEWAY PER RIVERSIDE COUNTY STANDARD NO 207.
- 14 EXISTING FENCE/MALL/GATE TO BE REMOVED AND REPLACED IN KIND CLEAR OF NEW STREET IMPROVEMENTS AS DIRECTED BY THE ENGINEER.
- 15 REMOVE EXISTING TREE AND OR VEGETATION.
- 16 ADJUST EXISTING WATER METER BOX TO GRADE.

**THE ENGINEERING**

APPROVED BY: *[Signature]*

PREPARED BY: *[Signature]*

DATE: 8/14/2018

**LAYOUT**

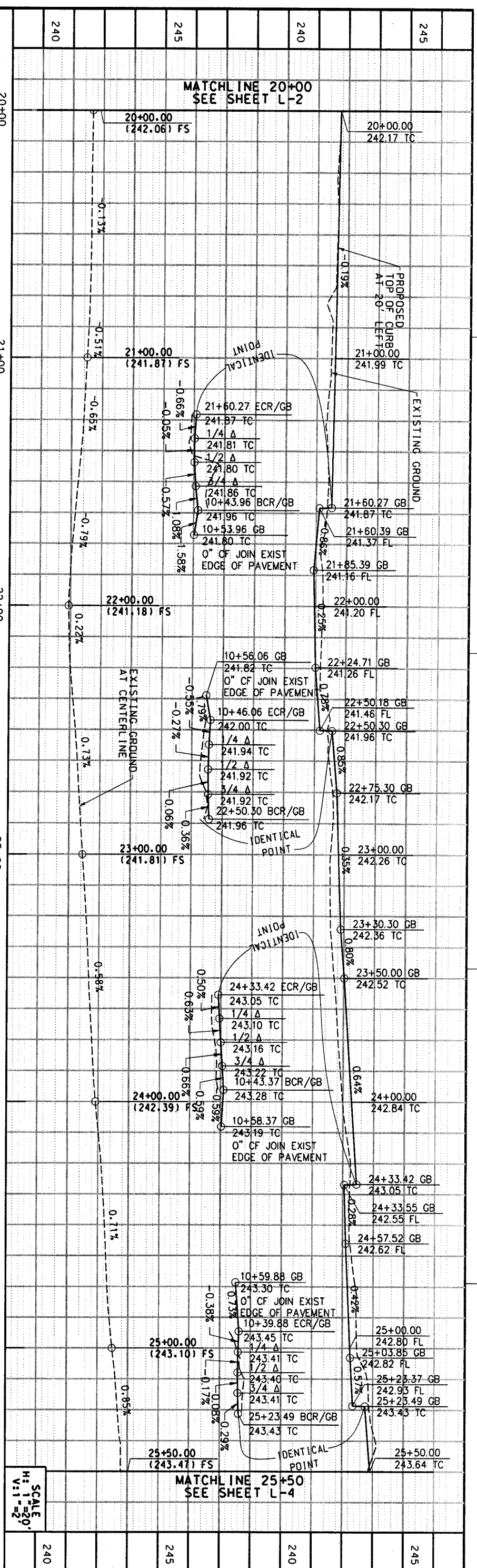
**LA CANADA WAY AND EL CENTRO WAY SIDEWALK**

SCALE: 1" = 20'

SHEET NO. **L-2**

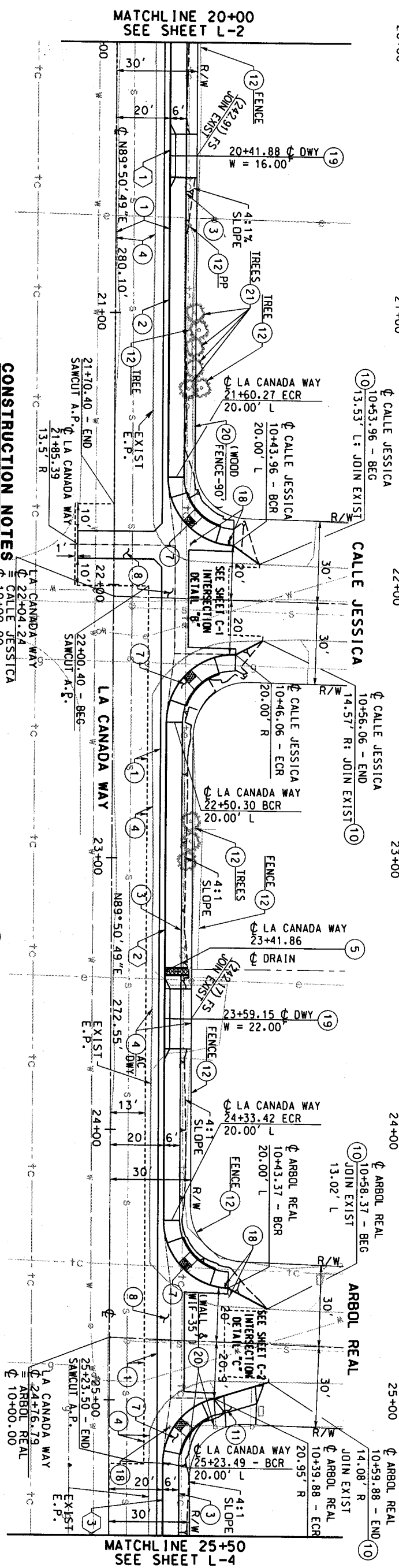
SHEET 5 OF 21





**CURVE / LINE DATA TABLE**

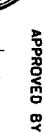
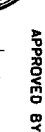
#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	N89°50'49"E	--	160.23'	--
2	N89°50'49"E	--	183.13'	--
3	N89°50'49"E	--	26.51'	--



**CONSTRUCTION NOTES**

- 1 CONSTRUCT 0.35' HMA TYPE A OVER 0.60' CLASS II AGGREGATE BASE.
- 2 CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO 200.
- 3 CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO 400 & 401.
- 4 SANICUT AND REMOVE AC PAVEMENT/ DRIVEWAY OR PAVERS AND SUBGRADE.
- 5 CONSTRUCT UNDER SIDEWALK DRAIN STANDARD NO 309.
- 6 CONSTRUCT 6" ASPHALT CONCRETE DRIVEWAY APPROACH WITH AC DIKE PER RIVERSIDE COUNTY STANDARD NO 206.
- 7 CONSTRUCT CURB RAMP CASE B PER COUNTY OF RIVERSIDE STANDARD NO 403.
- 8 CONSTRUCT CROSS GUTTER PER RIVERSIDE COUNTY STANDARD NO 209.
- 9 CONSTRUCT 6" ASPHALT CONCRETE DIKE PER RIVERSIDE COUNTY STANDARD NO 212 WITH 0" TRANSITION TO EDGE OF PAVEMENT.
- 10 CONSTRUCT ASPHALT CONCRETE DRIVEWAY APPROACH WITH AC DIKE PER RIVERSIDE COUNTY STANDARD NO 206.
- 11 CONSTRUCT ASPHALT CONCRETE DRIVEWAY APPROACH WITH AC DIKE PER RIVERSIDE COUNTY STANDARD NO 206.
- 12 PROTECT IN PLACE
- 13 RELOCATE SIGN PER LAYOUT PLAN ON NEW POST PER RIVERSIDE COUNTY STANDARDS.
- 14 CONSTRUCT RESIDENTIAL DRIVEWAY PER RIVERSIDE COUNTY STANDARD NO 207.
- 15 REMOVE FENCE/WALL/GATE TO BE REMOVED AND REPLACED IN KIND CLEAR OF NEW STREET IMPROVEMENTS AS DIRECTED BY THE ENGINEER.
- 16 REMOVE EXISTING TREE AND OR VEGETATION.

**THE ENGINEERING**

APPROVED BY:   
 PREPARED BY:   
 2385 CHICAGO AVE  
 RIVERSIDE, CA 92507  
 DATE: 8/14/2018

**LAYOUT**

**LA CANADA WAY AND EL CENTRO WAY SIDEWALK**

SCALE: 1" = 20'

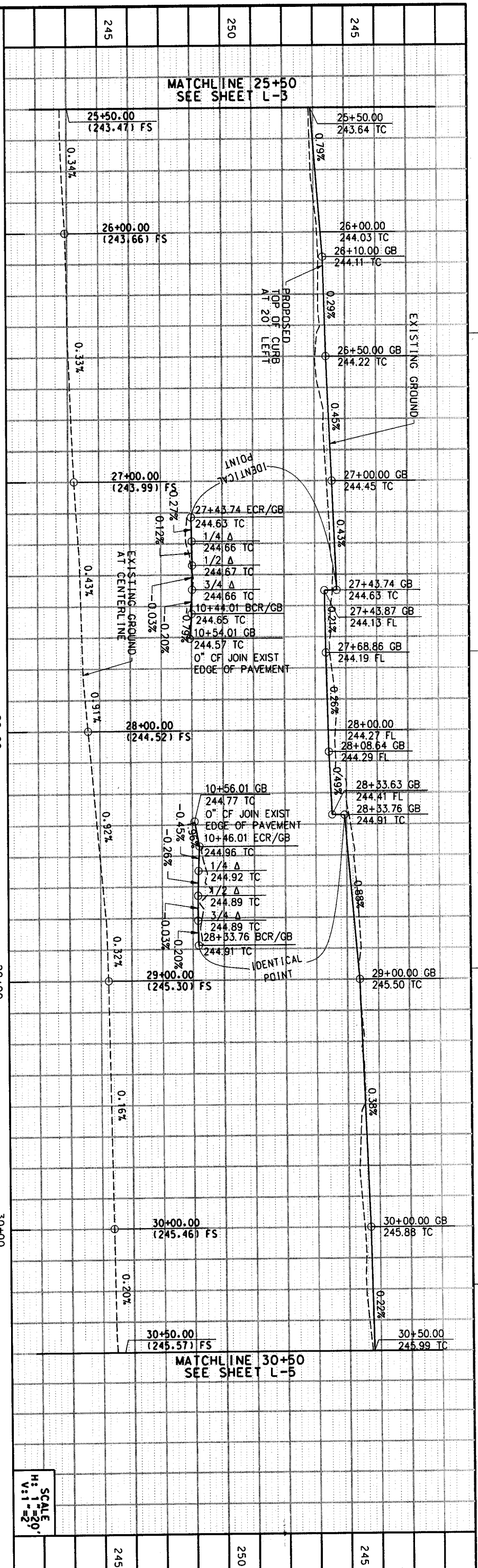
**SHEET NO.**

**L-3**

WO 06-0068

COUNTY FILE NO. **9665**

SHEET 6 OF 21



SCALE  
H: 1" = 20'  
V: 1" = 2'

#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	N89°50'49"E	--	193.75'	--
2	N89°50'49"E	--	216.24'	--

**CONSTRUCTION NOTES**

- 1 CONSTRUCT 0.35' HMA TYPE A OVER 0.60' CLASS II AGGREGATE BASE.
- 2 CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO 200.
- 3 CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO 400 & 401.
- 4 SAWCUT AND REMOVE AC PAVEMENT/ DRIVEWAY OR PAVERS AND SUBGRADE.
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- 7 CONSTRUCT CURB RAMP CASE B PER COUNTY OF RIVERSIDE STANDARD NO 403.
- 8 CONSTRUCT CROSS GUTTER PER RIVERSIDE COUNTY STANDARD NO 209.
- 10 CONSTRUCT 6" ASPHALT CONCRETE DIKE PER RIVERSIDE COUNTY STANDARD NO 212 WITH 0" TRANSITION TO EDGE OF PAVEMENT.
- 12 PROTECT IN PLACE
- 18 RELOCATE SIGN PER LAYOUT PLAN ON NEW POST PER RIVERSIDE COUNTY STANDARDS.
- 19 CONSTRUCT RESIDENTIAL DRIVEWAY PER RIVERSIDE COUNTY STANDARD NO 207.
- 20 EXISTING FENCE/WALL/GATE TO BE REMOVED AND REPLACED IN KIND CLEAR OF NEW STREET IMPROVEMENTS AS DIRECTED BY THE ENGINEER.

**TKE ENGINEERING**

APPROVED BY: \_\_\_\_\_  
DATE: 8/14/2018

PREPARED BY: MIKE HEATH  
2395 CHICAGO AVE  
RIVERSIDE, CA 92507

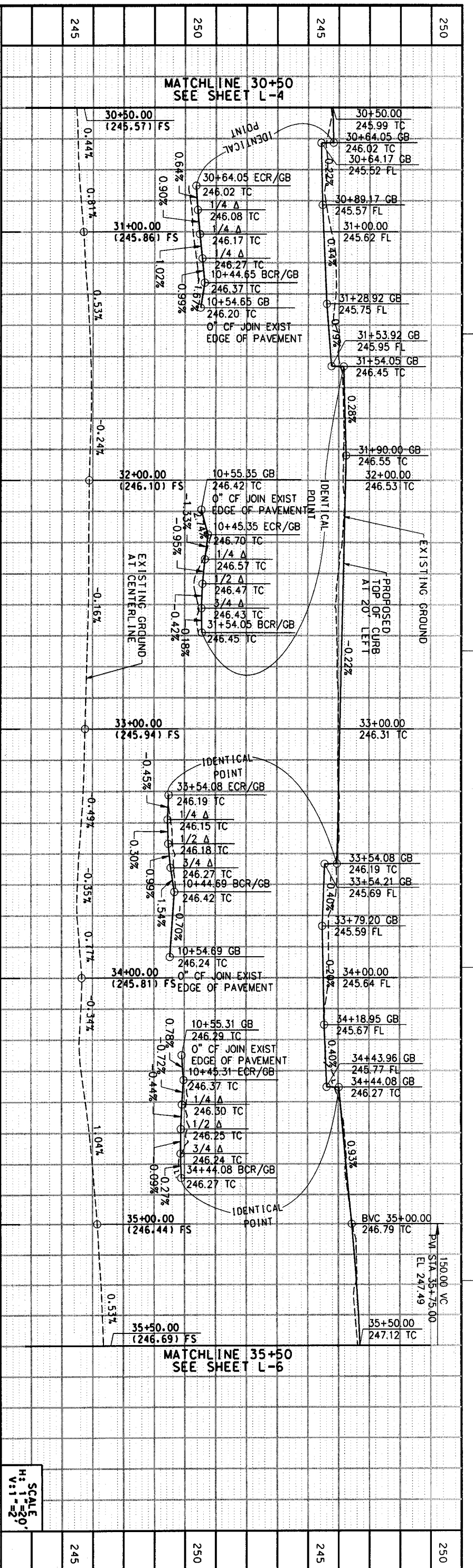
**LAYOUT**

**LA CANADA WAY AND EL CENTRO WAY SIDEWALK**  
SCALE: 1" = 20'

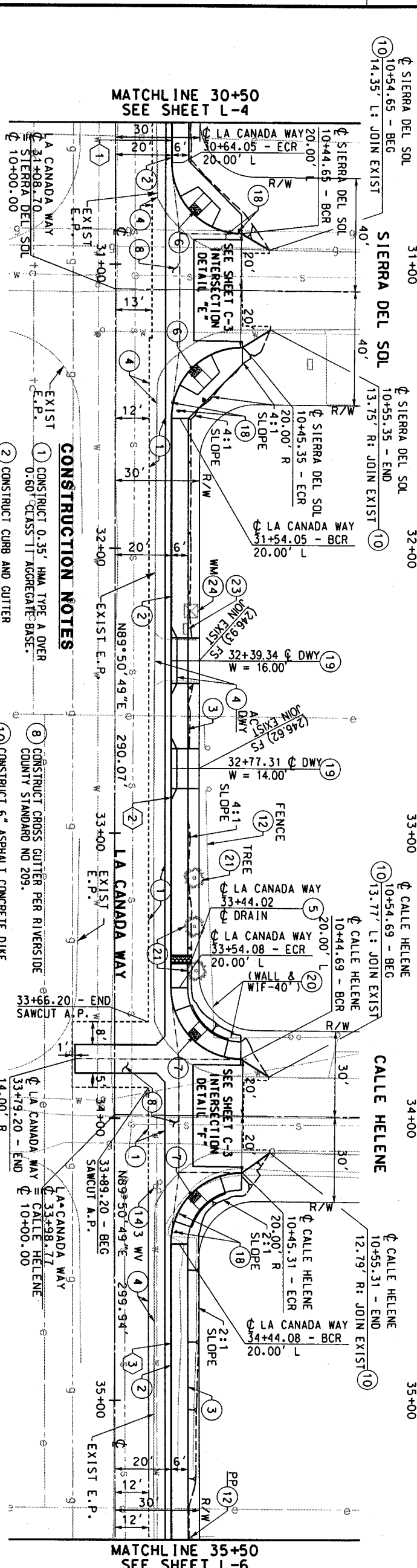
**SHEET NO.**

**L-4**  
SHEET 7 OF 21





SCALE  
H: 1" = 20'  
V: 1" = 2'



MATCHLINE 30+50  
SEE SHEET L-4

MATCHLINE 35+50  
SEE SHEET L-6

#	CURVE / LINE DATA	RADIUS	LENGTH	TANGENT
1	DELTA/BEARING			
1	N89°50'49"E	14.06'	--	--
2	N89°50'49"E	200.03'	--	--
3	N89°50'49"E	105.92'	--	--

- CONSTRUCTION NOTES**
- CONSTRUCT 0.35" HMA TYPE A OVER 0.60" CLASS 11 AGGREGATE BASE.
  - CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO 200.
  - CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO 400 & 401.
  - SAW CUT AND REMOVE AC PAVEMENT/ DRIVEWAY OR PAVERS AND SUBGRADE.
  - CONSTRUCT UNDER SIDEWALK DRAIN CAST IN PLACE PER RIVERSIDE COUNTY STANDARD NO 309.
  - COUNTY OF RIVERSIDE STANDARD NO 403.
  - CONSTRUCT CURB RAMP CASE B PER COUNTY OF RIVERSIDE STANDARD NO 403.
  - CONSTRUCT CROSS GUTTER PER RIVERSIDE COUNTY STANDARD NO 209.
  - CONSTRUCT 6" ASPHALT CONCRETE DIKE PER RIVERSIDE COUNTY STANDARD NO 212 WITH 0" TRANSITION TO EDGE OF PAVEMENT.
  - PROTECT IN PLACE
  - ADJUST EXISTING WATER VALVE TO GRADE. (BY CWD)
  - RELOCATE SIGN PER LAYOUT PLAN ON NEW POST PER RIVERSIDE COUNTY STANDARDS.
  - CONSTRUCT RESIDENTIAL DRIVEWAY PER RIVERSIDE COUNTY STANDARD NO 207.
  - EXISTING FENCE/WALL/GATE TO BE REMOVED AND REPLACED IN KIND CLEAR OF NEW STREET IMPROVEMENTS AS DIRECTED BY THE ENGINEER.
  - RELOCATE EXISTING MAILBOX.
  - ADJUST EXISTING WATER METER BOX TO GRADE.

**THE ENGINEERING**

APPROVED BY:

8/14/2018  
DATE



LA CANADA WAY AND EL CENTRO WAY  
SCALE: 1" = 20'

**L-5**

SHEET 8 OF 21

BORDER LAST REVISED 07/21/2015

RELATIVE BORDER SCALE  
15 IN INCHES

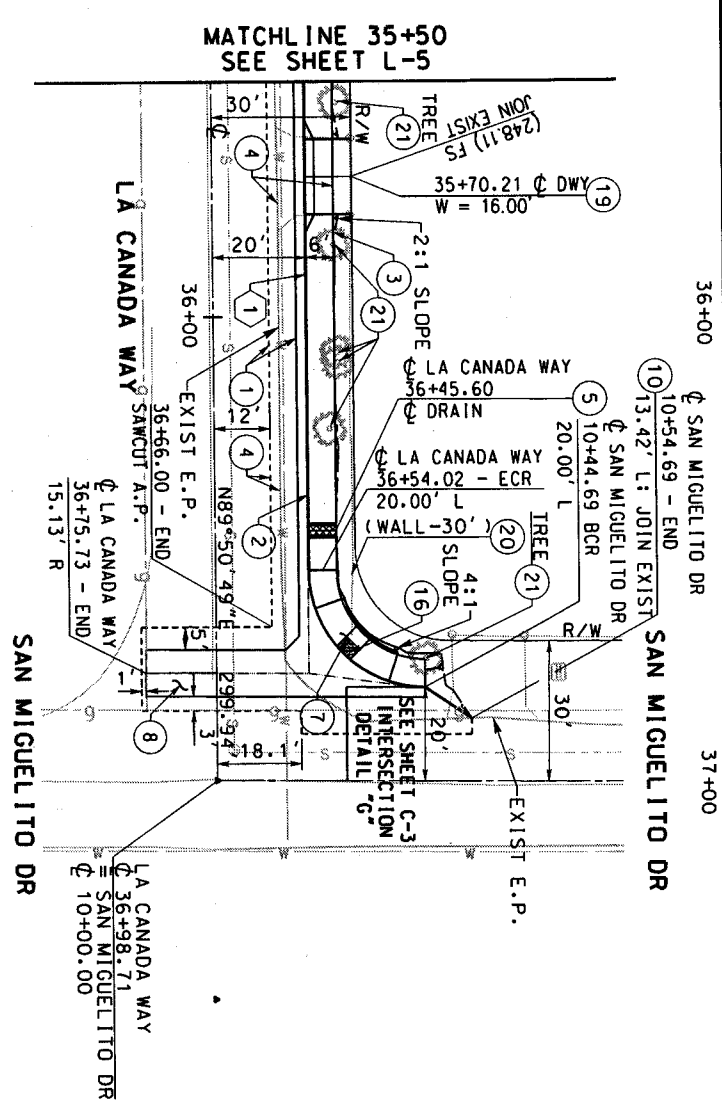
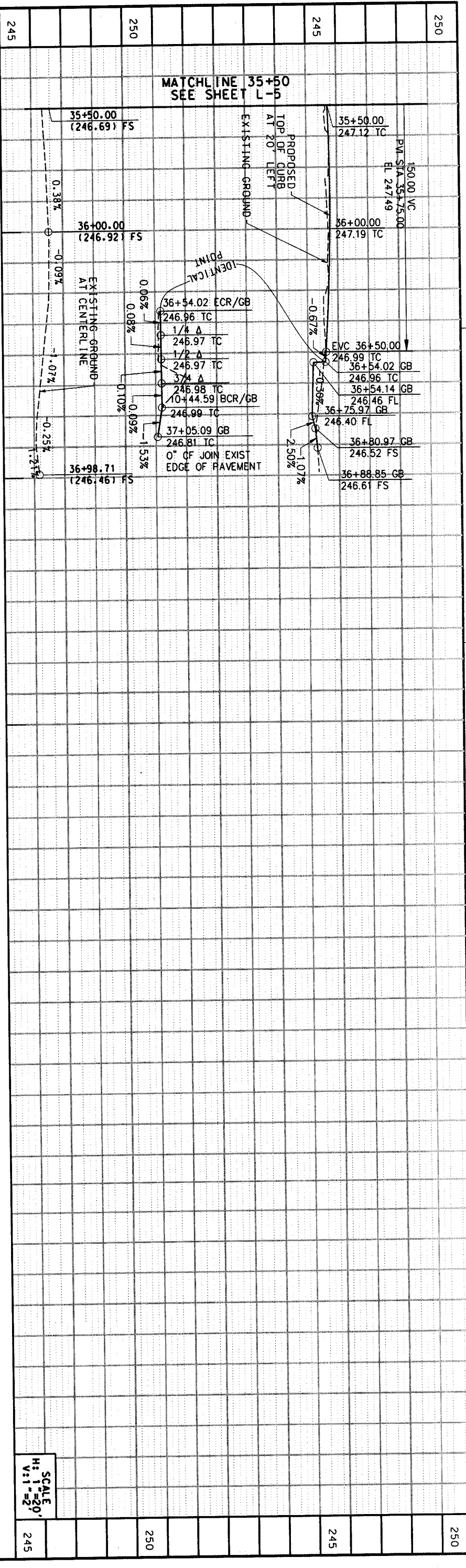
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WO CG-0068

COUNTY FILE NO.

9666



CURVE / LINE DATA TABLE			
#	DELTA/BEARING	RADIUS	TANGENT
1	N89°50'49"E	--	103.98'

**CONSTRUCTION NOTES**

- 1 CONSTRUCT 0.35' HMA TYPE A OVER 0.60' CLASS II AGGREGATE BASE.
- 2 CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO 200.
- 3 CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO 400 & 401.
- 4 SANICUT AND REMOVE AC PAVEMENT/ DRIVEWAY OR PAVERS AND SUBGRADE.
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- 8 CONSTRUCT CROSS GUTTER PER RIVERSIDE COUNTY STANDARD NO 209.
- 10 CONSTRUCT 6" ASPHALT CONCRETE DIKE PER RIVERSIDE COUNTY STANDARD NO 212 WITH 0" TRANSITION TO EDGE OF PAVEMENT.
- 16 RELOCATE EXISTING STREET LIGHT ON WOOD POLE (BY 1121).
- 20 EXISTING FENCE/WALL/GATE TO BE REMOVED AND REPLACED IN KIND CLEAR OF NEW STREET IMPROVEMENTS AS DIRECTED BY THE ENGINEER.
- 21 REMOVE EXISTING TREE AND OR VEGETATION.

BORDER LAST REVISED 07/21/2015

RELATIVE BORDER SCALE 1" = 10' INCHES

0 1 2 3

**TKE ENGINEERING**

APPROVED BY:

PREPARED BY:

DATE: 8/14/2018

2305 CHICAGO AVE  
RIVERSIDE, CA 92507

LAYOUT

**LA CANADA WAY AND EL CENTRO WAY SIDEWALK**

SCALE: 1" = 20'

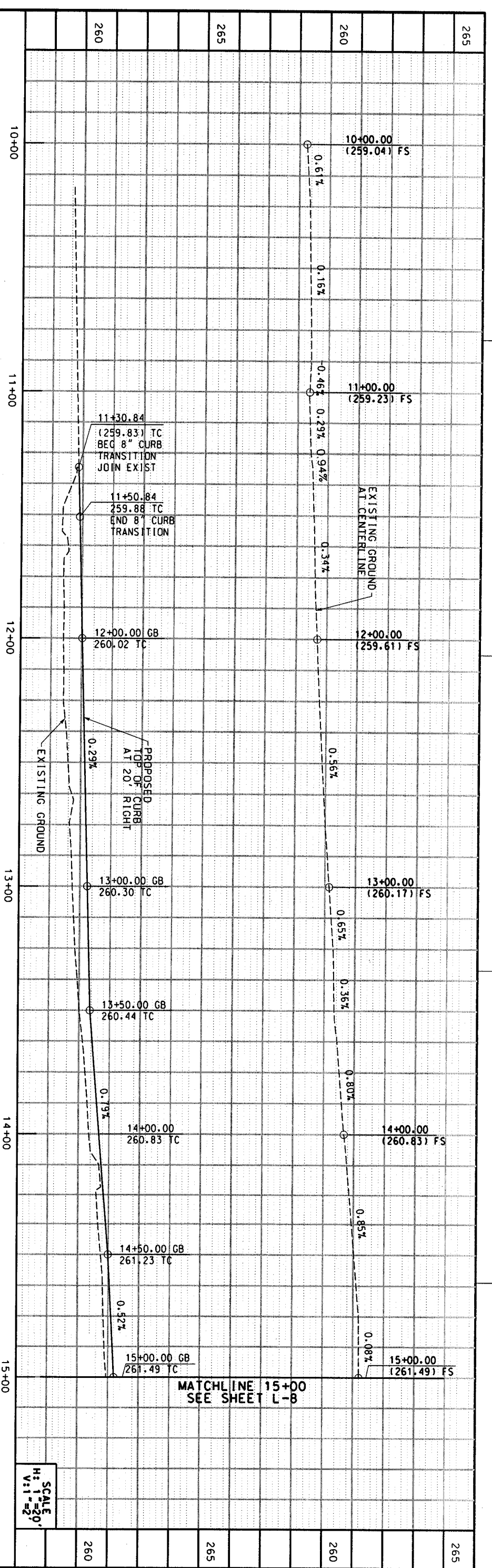
SHEET NO. **L-6**

WO C6-0068

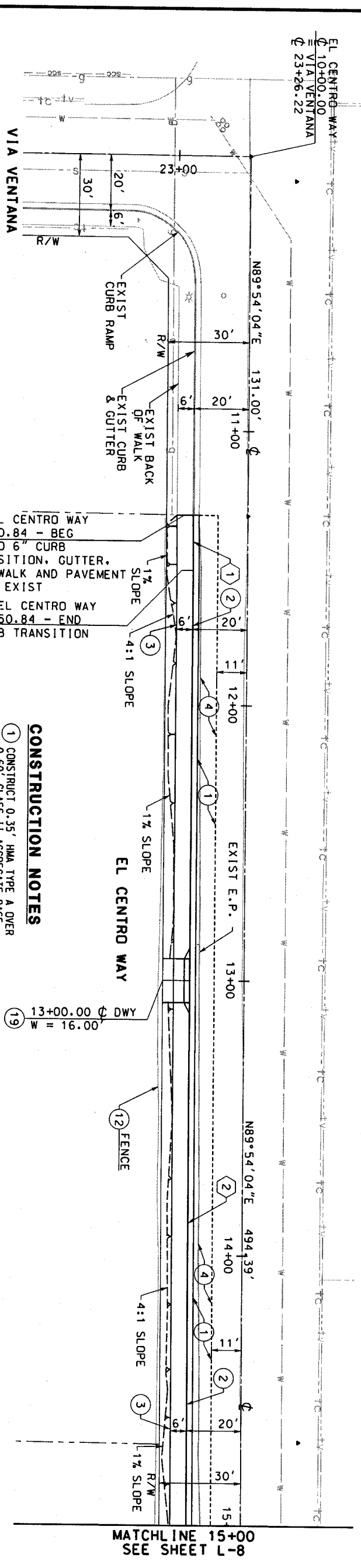
COUNTY FILE NO.

SHEET 9 OF 21

**966 F**



SCALE  
H: 1" = 20'  
V: 1" = 5'



CURVE / LINE DATA TABLE			
#	DELTA/BEARING	RADIUS	LENGTH
1	N89°54'04"E	---	20.00'
2	N80°06'19"W	---	349.16'

EL CENTRO WAY  
11+30.84 - BEG  
8" TO 6" CURB  
TRANSITION, GUTTER,  
SIDEWALK AND PAVEMENT  
JOIN EXIST

EL CENTRO WAY  
11+50.84 - END  
CURB TRANSITION

**CONSTRUCTION NOTES**

- 1 CONSTRUCT 0.35' HMA TYPE A OVER 0.60' CLASS II AGGREGATE BASE.
- 2 CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO 200.
- 3 CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO 400 & 401.
- 4 SAWCUT AND REMOVE AC PAVEMENT/ DRIVEWAY OR PAVERS AND SUBGRADE.
- 12 PROTECT IN PLACE
- 19 CONSTRUCT RESIDENTIAL DRIVEWAY PER RIVERSIDE COUNTY STANDARD NO 207.

**THE ENGINEERING**

APPROVED BY:  8/14/2018  
DATE: 8/14/2018  
PREPARED BY: MIKE HEATH  
2300 CHICAGO AVE  
RIVERSIDE, CA 92507

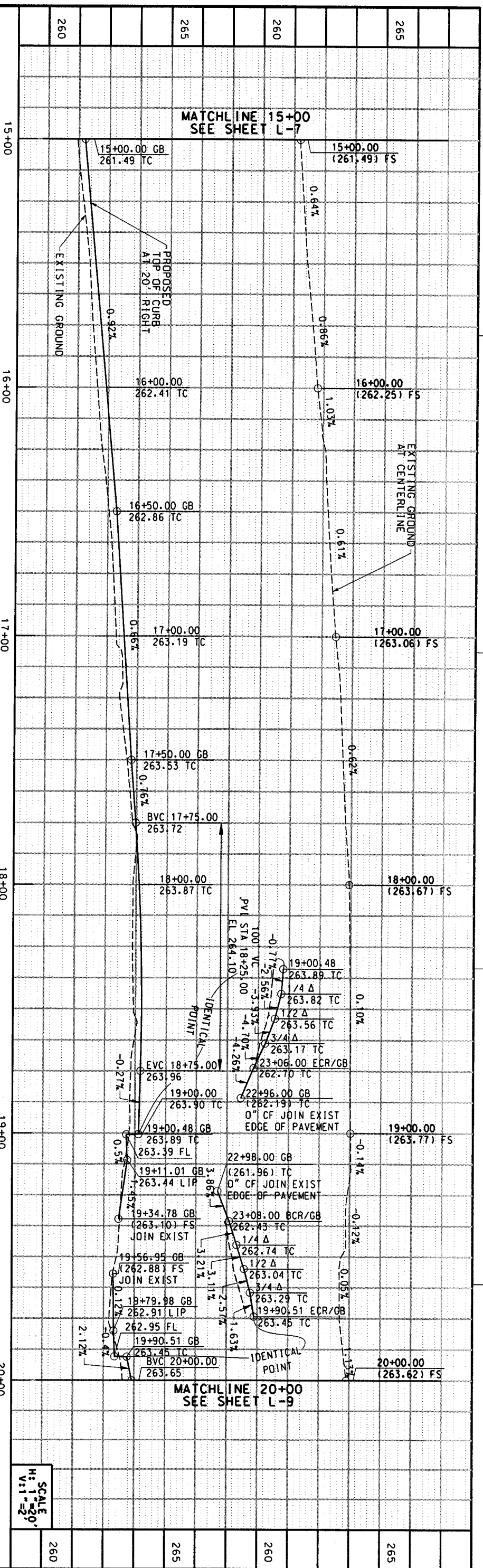
**LAYOUT**

**LA CANADA WAY AND EL CENTRO WAY AND EL SIDEWALK**  
SCALE: 1" = 20'

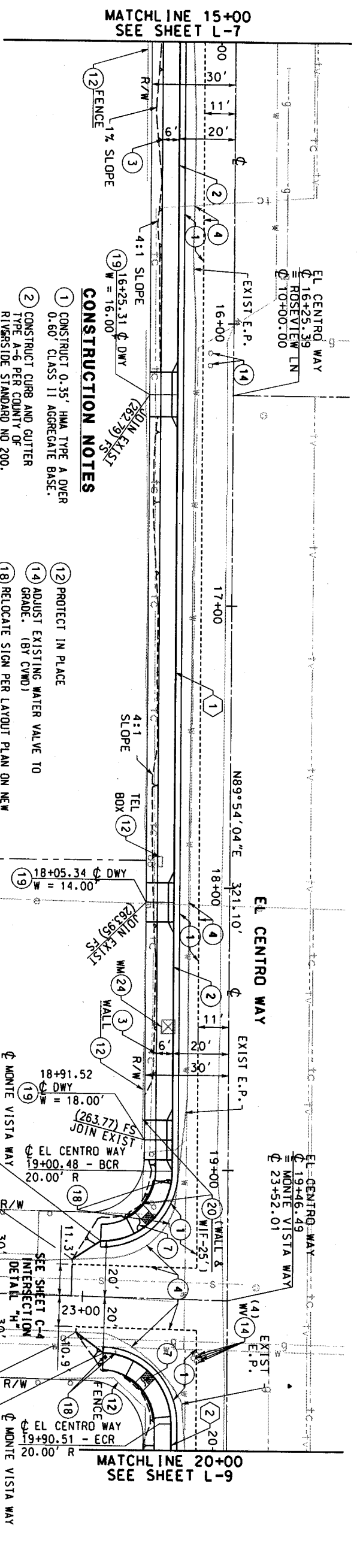
**SHEET NO.**

**L-7**  
SHEET 10 OF 21





SCALE  
H: 1" = 20'  
V: 1" = 2'



**CURVE / LINE DATA TABLE**

#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	N89°54'04"E	--	400.48'	--
2	N89°54'04"E	--	9.49'	--

**CONSTRUCTION NOTES**

- PROTECT IN PLACE
- ADJUST EXISTING WATER VALVE TO GRADE. (BY CWD)
- RELOCATE SIGN PER LAYOUT PLAN ON NEW POST PER RIVERSIDE COUNTY STANDARDS.
- CONSTRUCT RESIDENTIAL DRIVEWAY PER RIVERSIDE COUNTY STANDARD NO 207.
- EXISTING FENCE/WALL/GATE TO BE REMOVED AND REPLACED IN KIND CLEAR OF NEW STREET IMPROVEMENTS AS DIRECTED BY THE ENGINEER.
- ADJUST EXISTING WATER METER BOX TO GRADE.

**THE ENGINEERING**

APPROVED BY: [Signature]

PREPARED BY: MIKE HEATH  
 2300 CHICAGO AVE  
 RIVERSIDE, CA 92507

DATE: 8/14/2018

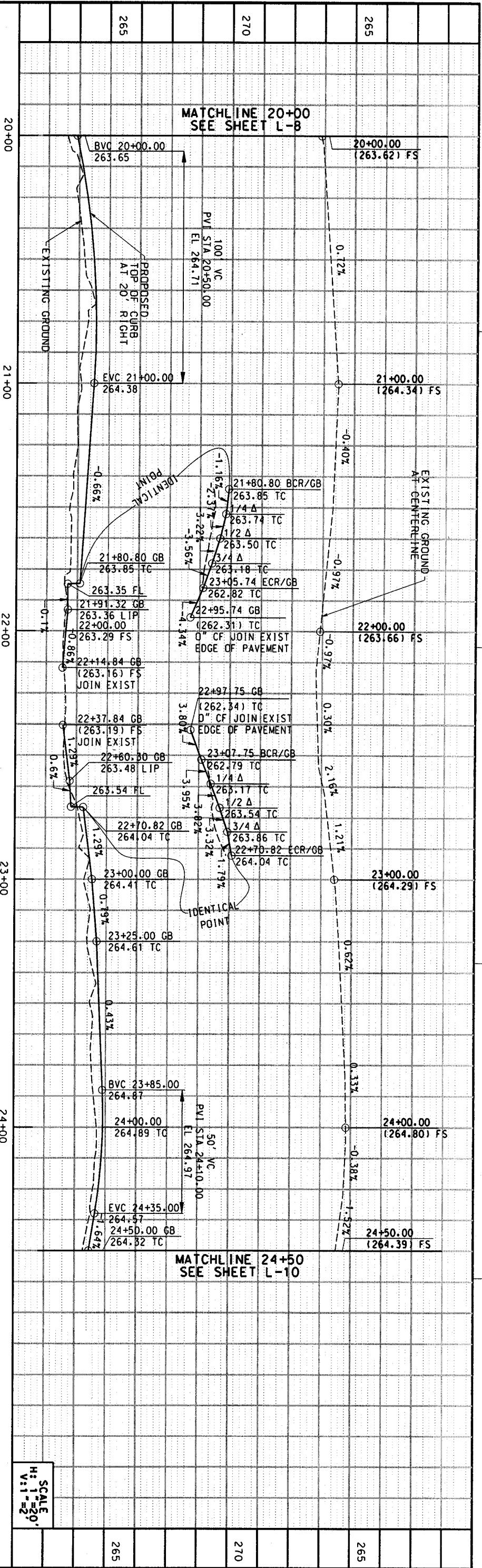
**LAYOUT**

**LA CANADA WAY AND EL CENTRO WAY AND MONTE VISTA WAY**

SCALE: 1" = 20'

**SHEET NO. L-8**

SHEET 11 OF 21



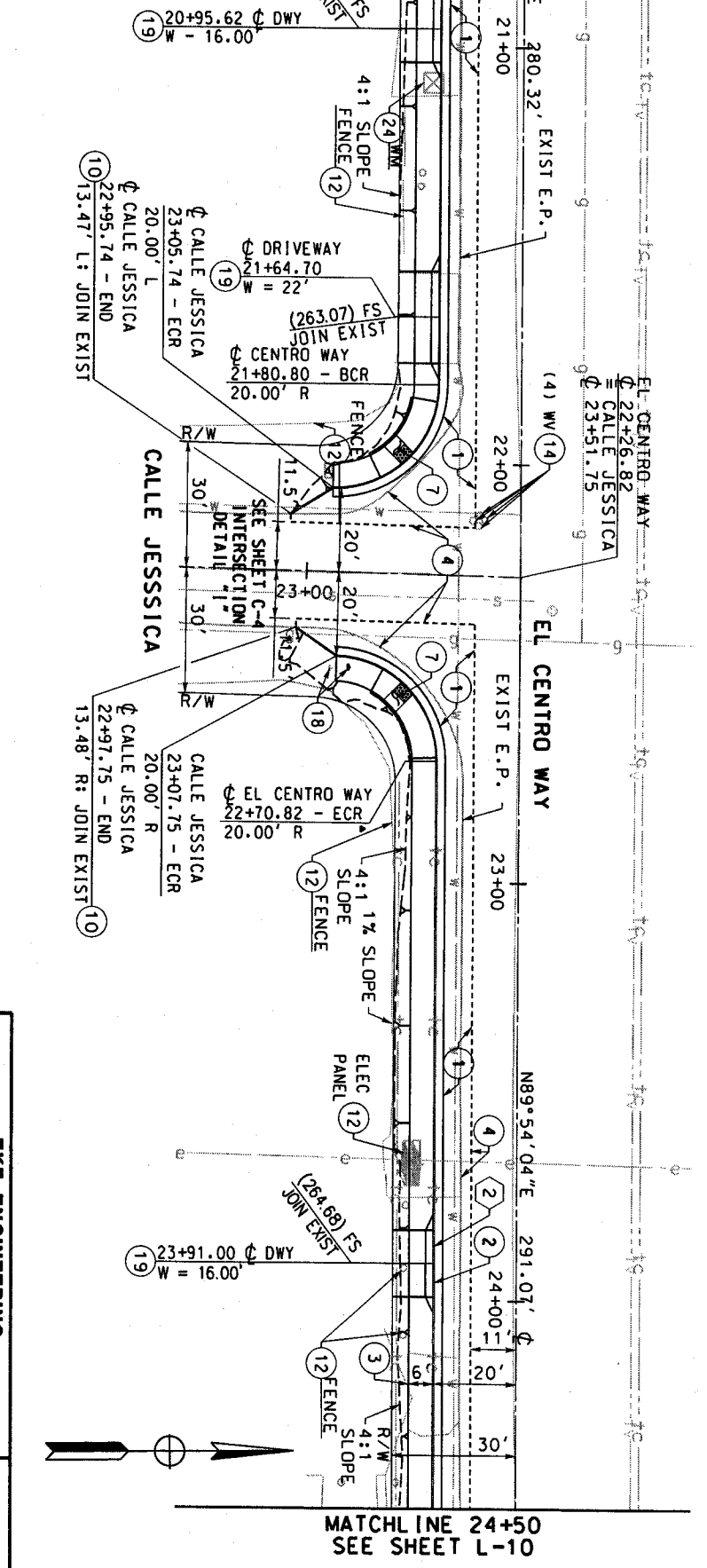
SCALE  
H: 1" = 20'  
V: 1" = 2'

**CONSTRUCTION NOTES**

- 1 CONSTRUCT 0.35' HMA TYPE A OVER 0.60' CLASS II AGGREGATE BASE.
- 2 CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO 200.
- 3 CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO 400 & 401.
- 4 SAWCUT AND REMOVE AC PAVEMENT/ DRIVEWAY OR PAVERS AND SUBGRADE.
- 7 CONSTRUCT CURB RAMP CASE 8 PER COUNTY OF RIVERSIDE STANDARD NO 403.
- 10 CONSTRUCT 6" ASPHALT CONCRETE DIKE PER RIVERSIDE COUNTY STANDARD NO 212 WITH 0" TRANSITION TO EDGE OF PAVEMENT.
- 12 PROTECT IN PLACE
- 14 ADJUST EXISTING WATER VALVE TO GRADE. (BY CVM0)
- 18 RELOCATE SIGN PER LAYOUT PLAN ON NEW POST PER RIVERSIDE COUNTY STANDARDS.
- 19 CONSTRUCT RESIDENTIAL DRIVEWAY PER RIVERSIDE COUNTY STANDARD NO 207.
- 24 ADJUST EXISTING WATER METER BOX TO GRADE.

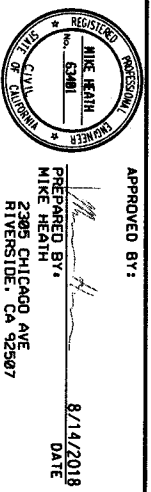
**CURVE / LINE DATA TABLE**

#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	N89°54'04"E	--	180.80'	--
2	N89°54'04"E	--	179.18'	--



**THE ENGINEERING**

APPROVED BY:



PREPARED BY:  
MIKE MEAHN  
2303 CHICAGO AVE  
RIVERSIDE, CA 92507

DATE  
8/14/2018

**LAYOUT**

**LA CANADA WAY AND  
EL CENTRO WAY  
SIDEWALK**

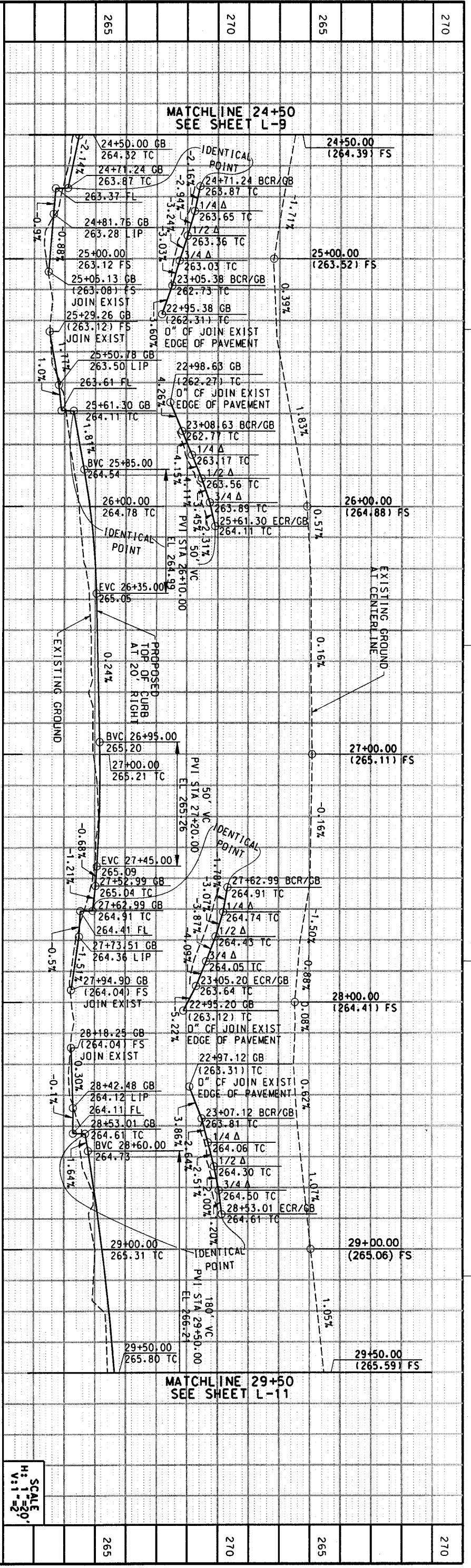
SCALE: 1" = 20'

**SHEET NO.**

**L-9**

SHEET 12 OF 21

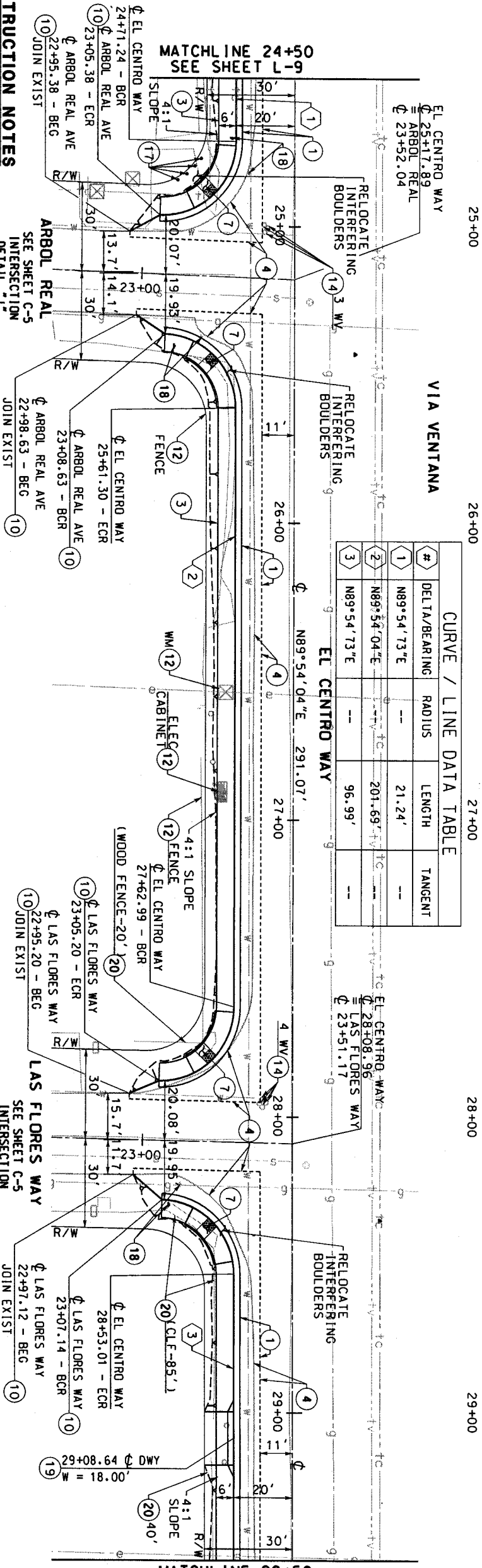




SCALE  
H: 1" = 20'  
V: 1" = 2'

**CURVE / LINE DATA TABLE**

#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	N89°54'73"E	--	21.24'	--
2	N89°54'04"E	201.69'	96.99'	291.07'
3	N89°54'73"E	--	96.99'	--



**CONSTRUCTION NOTES**

- 1 CONSTRUCT 0.35' HMA TYPE A OVER 0.60' CLASS II AGGREGATE BASE.
- 2 CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO 200.
- 3 CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO 400 & 401.
- 4 SAWCUT AND REMOVE AG PAVEMENT/ DRIVEWAY OR PAVERS AND SUBGRADE.
- 7 CONSTRUCT CURB RAMP CASE B PER COUNTY OF RIVERSIDE STANDARD NO 403.
- 10 CONSTRUCT 6" ASPHALT CONCRETE DIKE PER RIVERSIDE COUNTY STANDARD NO 212 WITH 0" TRANSITION TO EDGE OF PAVEMENT.
- 12 PROTECT IN PLACE
- 14 ADJUST EXISTING WATER VALVE TO GRADE. (BY CWO)
- 17 CONSTRUCT BOLLARDS.
- 18 RELOCATE SIGN PER LAYOUT PLAN ON NEW POST PER RIVERSIDE COUNTY STANDARDS.
- 19 CONSTRUCT RESIDENTIAL DRIVEWAY PER RIVERSIDE COUNTY STANDARD NO 207.
- 20 EXISTING FENCE/WALL/GATE TO BE REMOVED AND REPLACED IN KIND CLEAR OF NEW STREET IMPROVEMENTS AS DIRECTED BY THE ENGINEER.

**THE ENGINEERING**

APPROVED BY: DATE: 8/14/2019

DESIGNED BY: MIKE MEAKIN  
2208 RIVERSIDE AVE  
RIVERSIDE, CA 92507

**LAYOUT**

**LA CANADA WAY AND EL CENTRO WAY**

SCALE: 1" = 20'

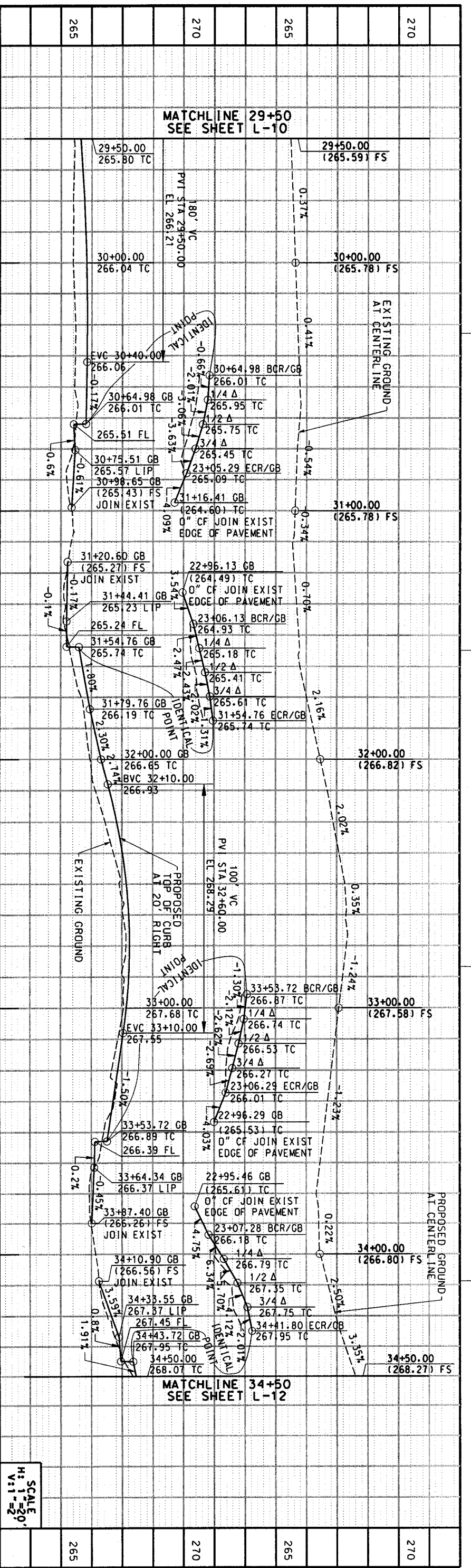
**SHEET NO.**

**L-10**

SHEET 13 OF 21



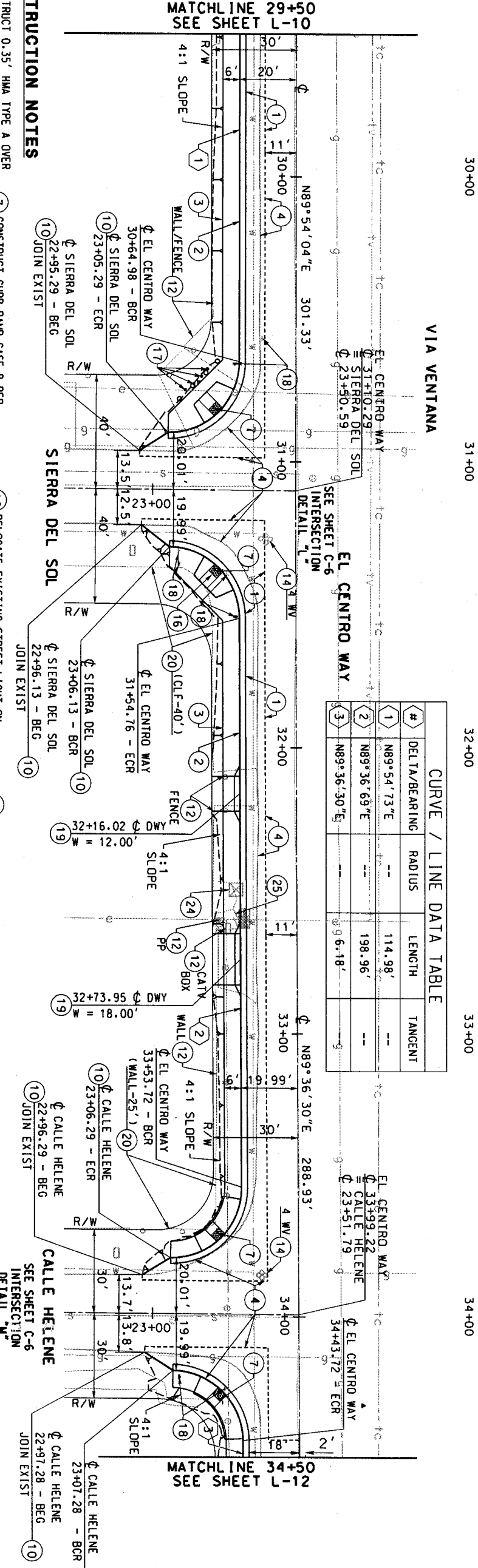




SCALE  
H: 1" = 20'  
V: 1" = 2'

**CURVE / LINE DATA TABLE**

#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	N89°54'73"E	--	114.98'	--
2	N89°36'69"E	--	198.96'	--
3	N89°36'30"E	--	96.18'	--

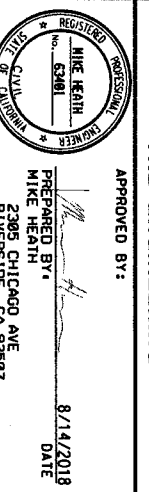


**CONSTRUCTION NOTES**

- CONSTRUCT 0.35' HMA TYPE A OVER 0.60" CLASS 11 AGGREGATE BASE.
- CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO 200.
- CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO 400 & 401.
- SAWCUT AND REMOVE AC PAVEMENT/ DRIVEWAY OR PAVERS AND SUBGRADE.
- CONSTRUCT CURB RAMP CASE B PER COUNTY OF RIVERSIDE STANDARD NO 403.
- CONSTRUCT 6" ASPHALT CONCRETE DIKE PER RIVERSIDE COUNTY STANDARD NO 212 WITH 0" TRANSITION TO EDGE OF PAVEMENT.
- PROTECT IN PLACE
- ADJUST EXISTING WATER VALVE TO GRADE. (BY EVM)
- RELOCATE EXISTING STREET LIGHT ON WOOD POLE (BY I10).
- CONSTRUCT BOLLARDS.
- RELOCATE SIGN PER LAYOUT PLAN ON NEW POST PER RIVERSIDE COUNTY STANDARDS.
- CONSTRUCT RESIDENTIAL DRIVEWAY PER RIVERSIDE COUNTY STANDARD NO 207.
- ADJUST EXISTING WATER METER BOX TO GRADE.
- RELOCATE EXISTING ELECTRICAL CABINET (BY I10).

**TKE ENGINEERING**

APPROVED BY:



**LAYOUT**

**LA CANADA WAY AND EL CENTRO WAY AND SIDEWALK**

**SHEET NO. L-11**

SCALE: 1" = 20'

SHEET 14 OF 21

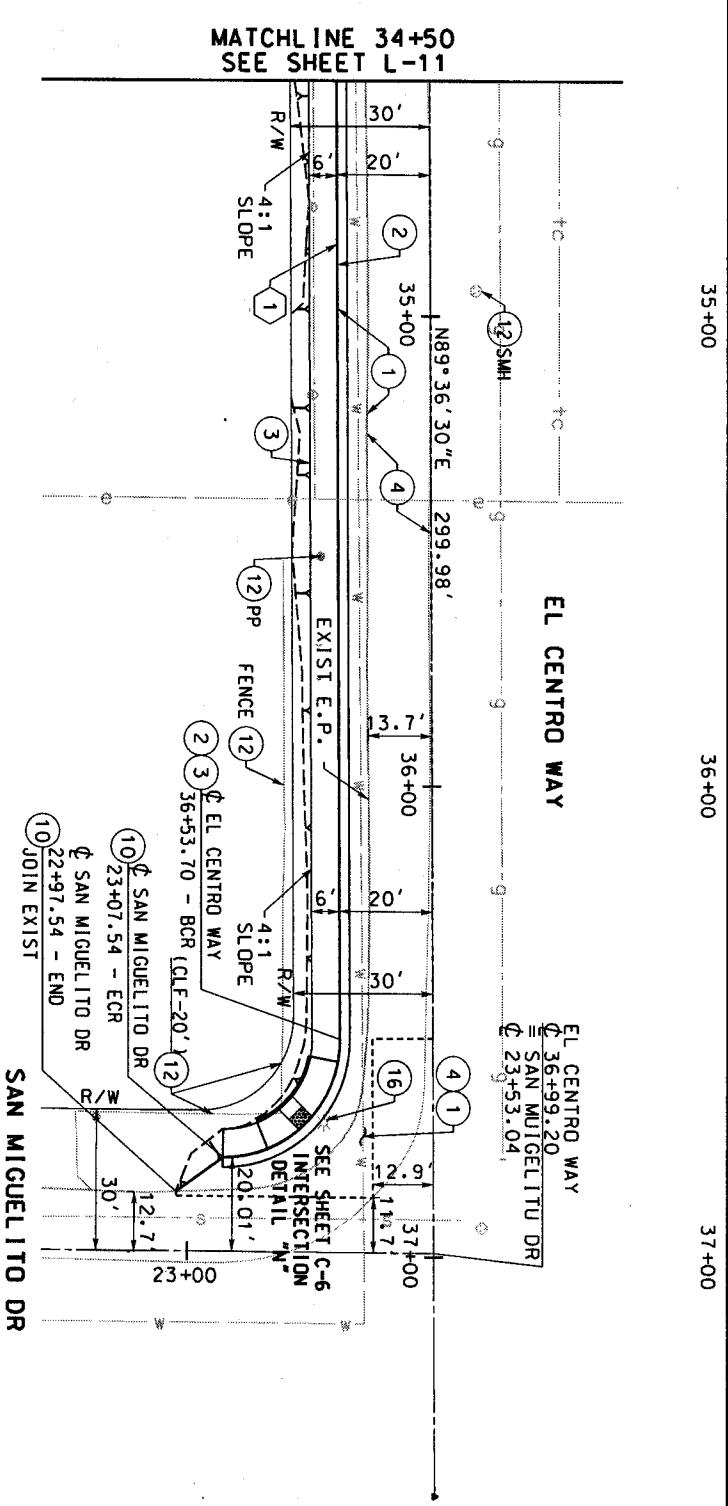
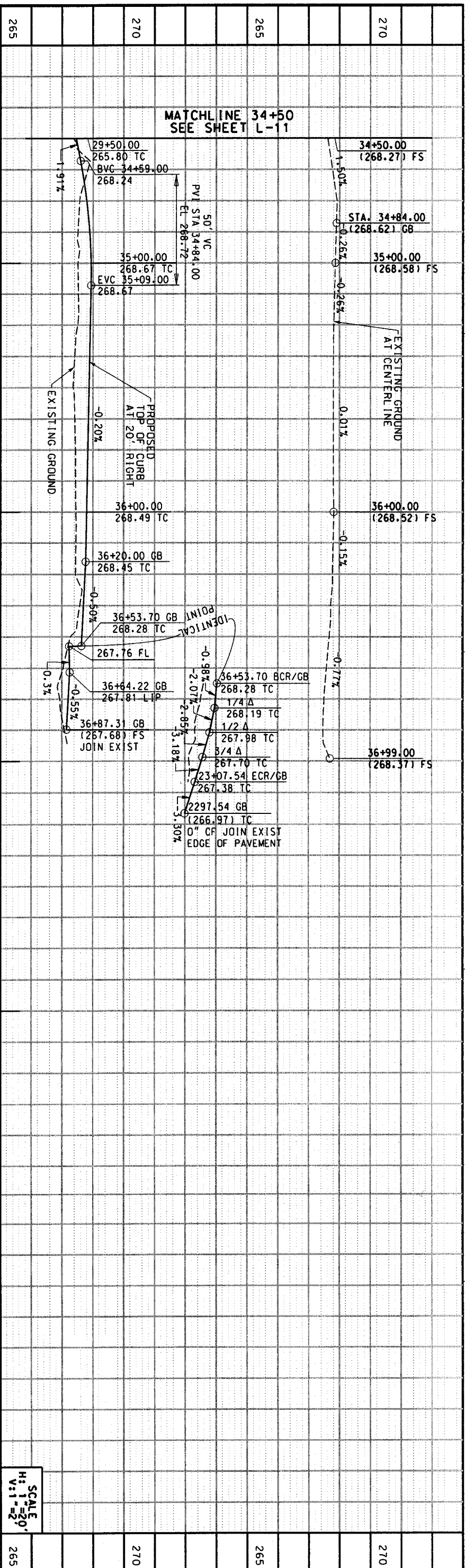
BORDER LAST REVISED 07/21/2015

RELATIVE BORDER SCALE 1/8" = 1' IN INCHES

USERNAME -> Jose  
DGN FILE -> ...CG-0068-SH14.dgn

WO CG-0068

COUNTY FILE NO.



**CURVE / LINE DATA TABLE**

#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	$N89^{\circ}36'30''E$	--	203.78'	--

**CONSTRUCTION NOTES**

- 1 CONSTRUCT 0.35' HMA TYPE A OVER 0.60' CLASS II AGGREGATE BASE.
- 2 CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO 200.
- 3 CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO 400 & 401.
- 4 SAWCUT AND REMOVE AC PAVEMENT/ DRIVEWAY OR PAVERS AND SUBGRADE.
- 10 CONSTRUCT 6" ASPHALT CONCRETE DIKE PER RIVERSIDE COUNTY STANDARD NO 212 WITH 0" TRANSITION TO EDGE OF PAVEMENT.
- 12 PROTECT IN PLACE
- 16 RELOCATE EXISTING STREET LIGHT ON WOOD POLE (BY 110).
- 19 CONSTRUCT RESIDENTIAL DRIVEWAY PER RIVERSIDE COUNTY STANDARD NO 207.

**THE ENGINEERING**

APPROVED BY:

REGISTERED PROFESSIONAL ENGINEER  
M. HEATH  
No. 52811  
STATE OF CALIFORNIA

PREPARED BY:

MIKE HEATH  
2305 CHICAGO AVE  
RIVERSIDE, CA 92507

DATE: 8/14/2018

**LAYOUT**

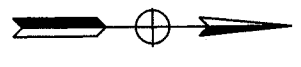
**LA CANADA WAY AND EL CENTRO WAY SIDEWALK**

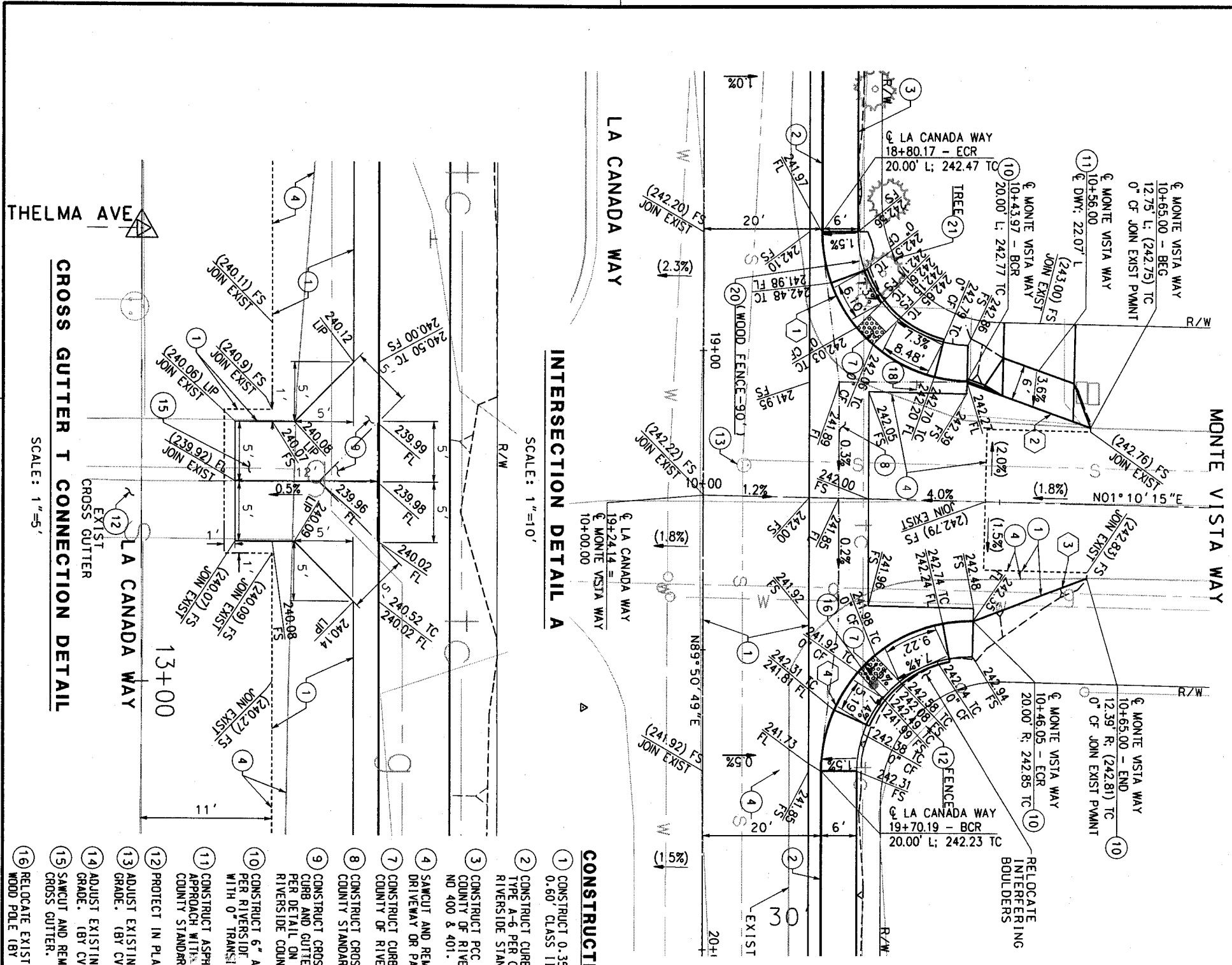
SCALE: 1" = 20'

**SHEET NO.**

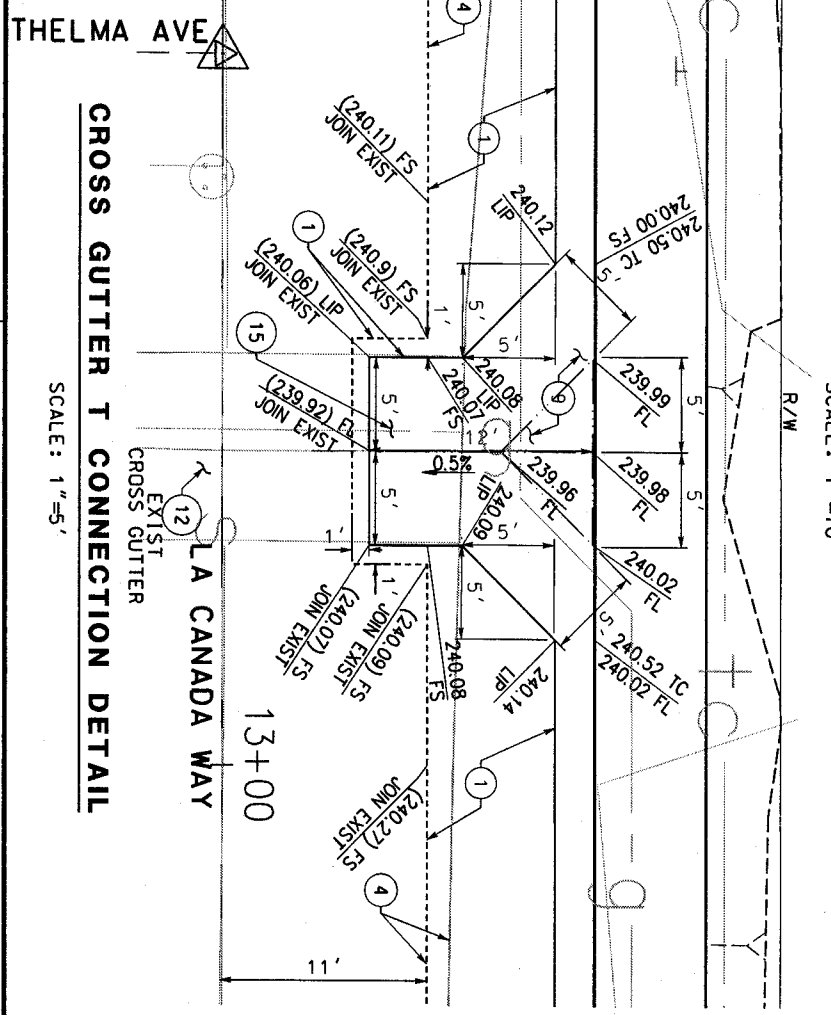
**L-12**

Sheet 15 of 21





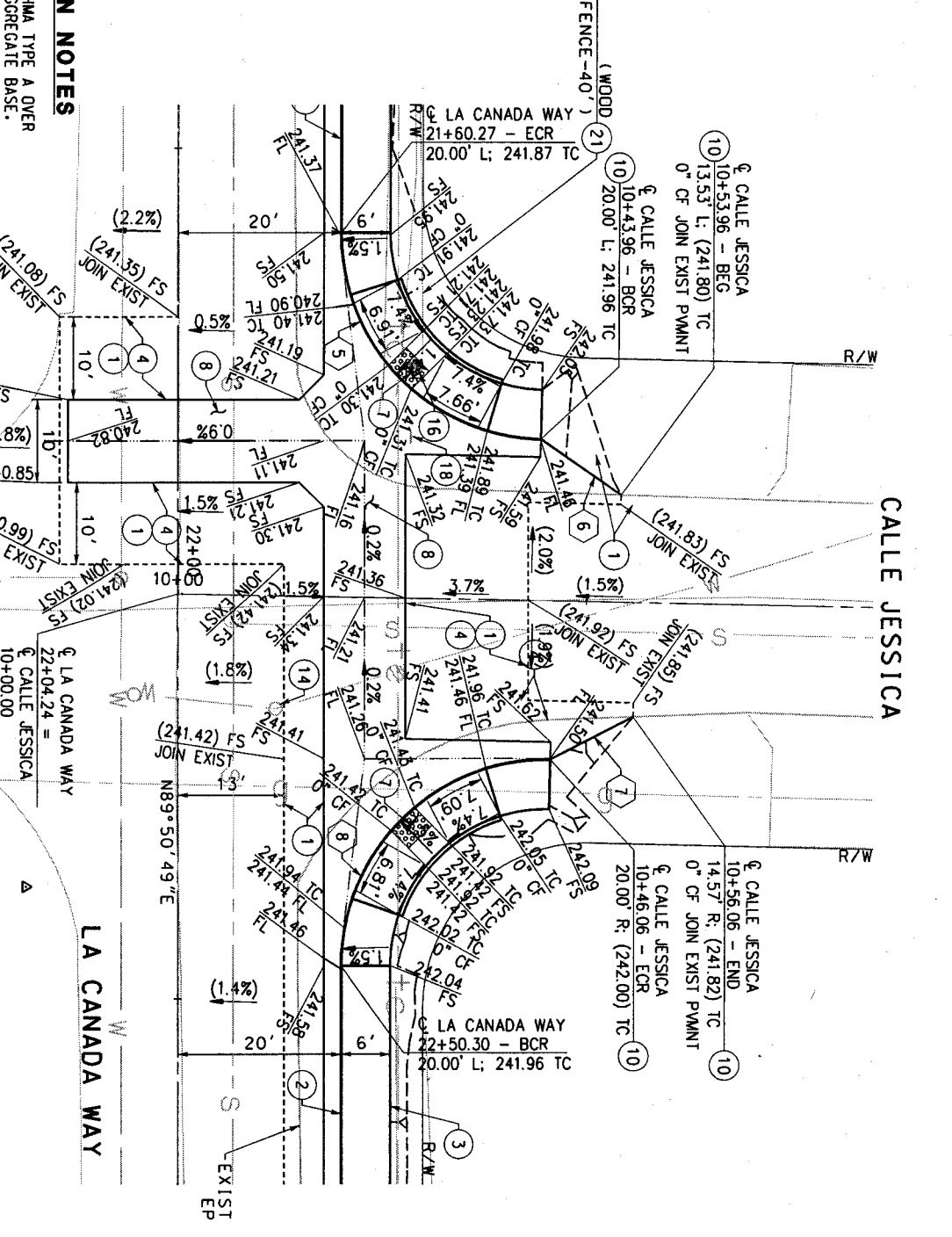
**INTERSECTION DETAIL A**  
SCALE: 1"=10'



**CROSS GUTTER CONNECTION DETAIL**  
SCALE: 1"=5'

**CONSTRUCTION NOTES**

- 1 CONSTRUCT 0.35' HMA TYPE A OVER 0.60' CLASS II AGGREGATE BASE.
- 2 CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO 200.
- 3 CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO 400 & 401.
- 4 SAWCUT AND REMOVE AC PAVEMENT/ DRIVEWAY OR PAVERS AND SUBGRADE.
- 7 CONSTRUCT CURB RAMP CASE B PER COUNTY OF RIVERSIDE STANDARD NO 403.
- 8 CONSTRUCT CROSS GUTTER PER RIVERSIDE COUNTY STANDARD NO 209.
- 9 CONSTRUCT CROSS GUTTER CONNECTION TO CURB AND GUTTER AT "T" INTERSECTION PER DETAIL ON SHEET C-1, AND PER RIVERSIDE COUNTY STANDARD NO. 209.
- 10 CONSTRUCT 6" ASPHALT CONCRETE DIKE PER RIVERSIDE COUNTY STANDARD NO 212, WITH 0" TRANSITION TO EDGE OF PAVEMENT.
- 11 CONSTRUCT ASPHALT CONCRETE DRIVEWAY APPROACH WITH AC DIKE PER RIVERSIDE COUNTY STANDARD NO 206.
- 12 PROTECT IN PLACE
- 13 ADJUST EXISTING SEWER MANHOLE TO GRADE. (BY CVM0)
- 14 ADJUST EXISTING WATER VALVE TO GRADE. (BY CVM0)
- 15 SAWCUT AND REMOVE EXISTING AC CROSS GUTTER.
- 16 RELOCATE EXISTING STREET LIGHT ON WOOD POLE (BY I1D).
- 18 RELOCATE SIGN PER LAYOUT PLAN ON NEW POST PER RIVERSIDE COUNTY STANDARDS.
- 20 EXISTING FENCE/WALL/GATE TO BE REMOVED AND REPLACED IN KIND CLEAR OF NEW STREET IMPROVEMENTS AS DIRECTED BY THE ENGINEER.
- 21 REMOVE EXISTING TREE AND OR VEGETATION.

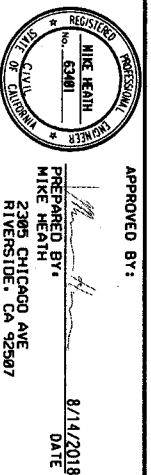


**INTERSECTION DETAIL B**  
SCALE: 1"=10'

#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
1	88°40'34"	25.00'	38.69'	24.43'
2	N72°10'21"W	--	22.16'	--
3	N67°31'46"E	--	20.42'	--
4	91°19'26"	25.00'	39.85'	25.58'
5	88°39'58"	25.00'	38.69'	24.42'
6	N34°05'13"E	--	11.91'	--
7	N27°19'23"W	--	11.38'	--
8	91°20'02"	25.00'	39.85'	25.59'

**THE ENGINEERING**

APPROVED BY:



PREPARED BY:  
MIKE HEATH  
2385 CHICAGO AVE  
RIVERSIDE, CA 92507

8/14/2018  
DATE

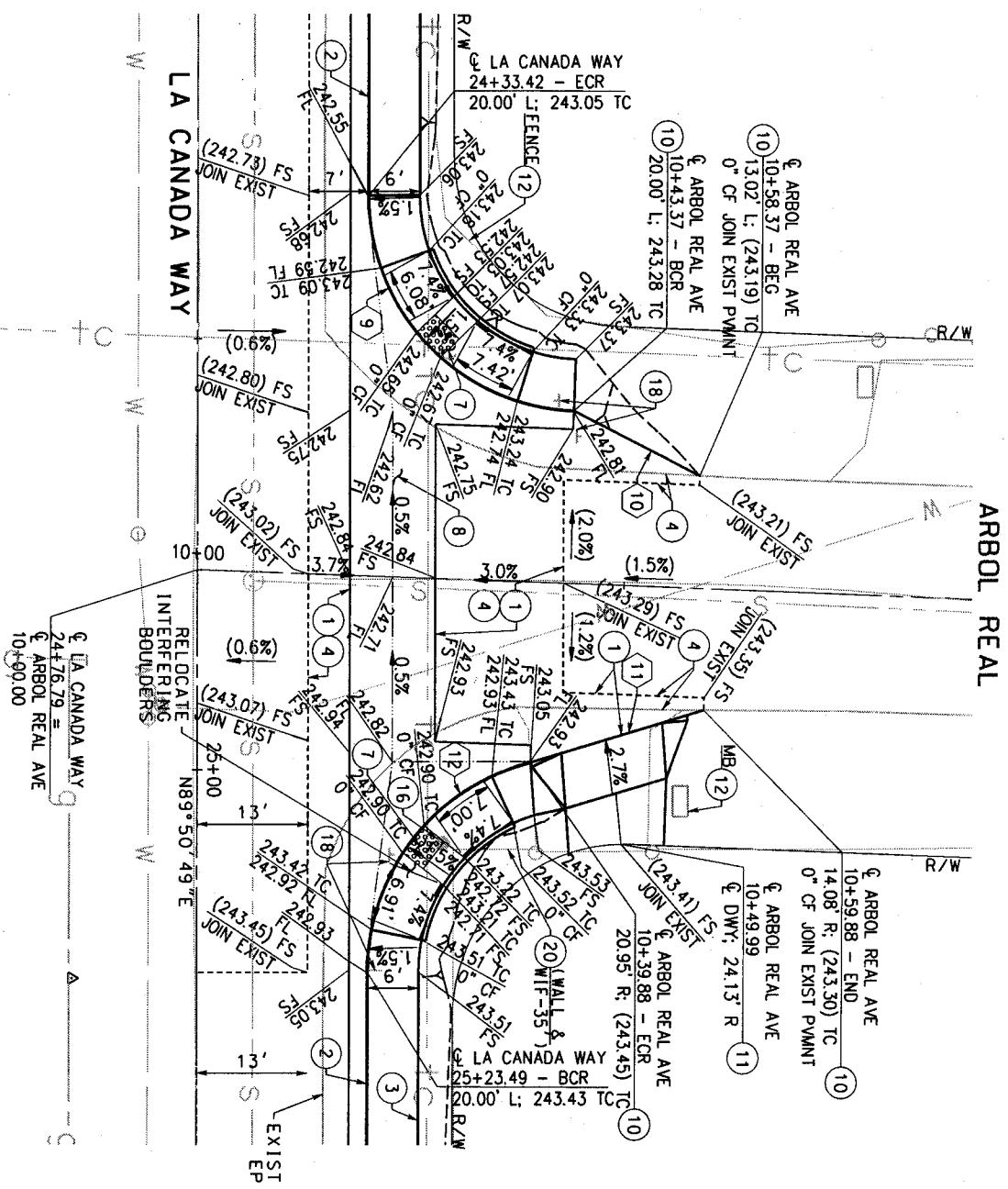
**CONSTRUCTION DETAILS**

**LA CANADA WAY AND EL CENTRO WAY AND SIDEWALK**

SCALE: 1" = 10'

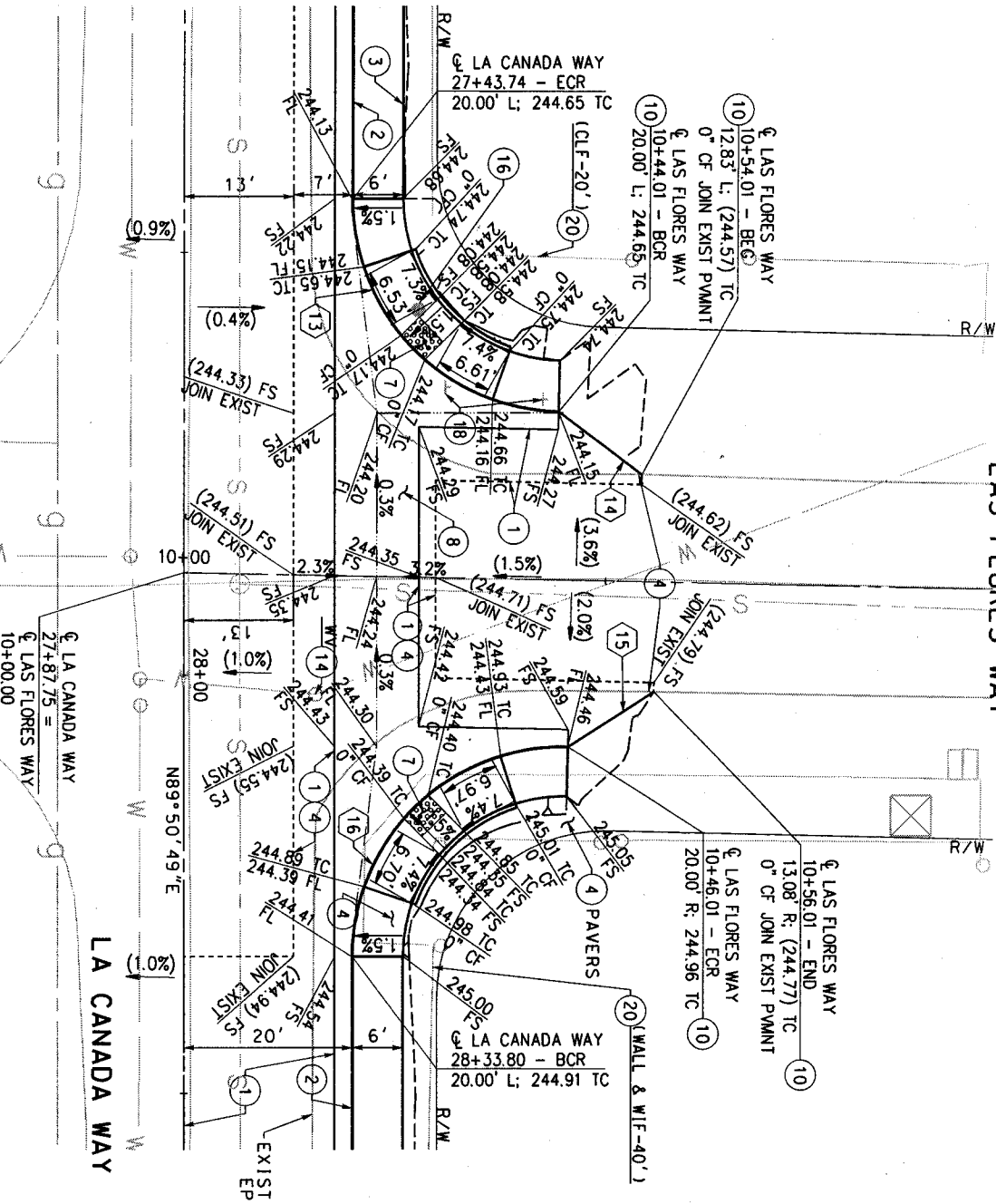
**C-1**

SHEET 16 OF 21



**INTERSECTION DETAIL C**

SCALE: 1"=10'



**INTERSECTION DETAIL D**

SCALE: 1"=10'

**CONSTRUCTION NOTES**

- 1 CONSTRUCT 0.35' HMA TYPE A OVER 0.60' CLASS II AGGREGATE BASE.
- 2 CONSTRUCT CURB AND GUTTER THE A-6 PER COUNTY OF RIVERSIDE STANDARD NO 200.
- 3 CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO 400 & 401.
- 4 SAWCUT AND REMOVE AC PAVEMENT/ DRIVEWAY OR PAVERS AND SUBGRADE.
- 5 CONSTRUCT CURB RAMP CASE B PER COUNTY OF RIVERSIDE STANDARD NO 403.
- 6 CONSTRUCT CROSS GUTTER PER RIVERSIDE COUNTY STANDARD NO 209.
- 7 CONSTRUCT CROSS GUTTER CONNECTION TO PER DETAIL ON SHEET C-1, AND PER RIVERSIDE COUNTY STANDARD NO. 209.
- 8 CONSTRUCT 6" ASPHALT CONCRETE DIKE PER RIVERSIDE COUNTY STANDARD NO 212, WITH 0" TRANSITION TO EDGE OF PAVEMENT.
- 9 CONSTRUCT ASPHALT CONCRETE DRIVEWAY APPROACH WITH AC DIKE PER RIVERSIDE COUNTY STANDARD NO 206.
- 10 PROTECT IN PLACE
- 11 ADJUST EXISTING SEWER MANHOLE TO GRADE. (BY CWD)
- 12 ADJUST EXISTING WATER VALVE TO GRADE. (BY CWD)
- 13 RELOCATE EXISTING STREET LIGHT ON WOOD POLE (BY I11D).
- 14 RELOCATE SIGN PER LAYOUT PLAN ON NEW POST PER RIVERSIDE COUNTY STANDARDS.
- 15 EXISTING FENCE/WALL/GATE TO BE REMOVED AND REPLACED IN KIND AS DIRECTED BY THE ENGINEER.
- 16 REMOVE EXISTING TREE AND OR VEGETATION.

CURVE / LINE DATA TABLE			
#	DELTA/BEARING	RADIUS	LENGTH
9	87°52'53"	25.00'	38.35'
10	N26°55'40"E	--	16.55'
11	N16°59'48"W	--	21.15'
12	76°17'21"	25.00'	33.29'
13	88°43'26"	25.00'	38.71'
14	N36°46'45"E	--	12.31'
15	N33°32'45"W	--	12.16'
16	91°16'34"	25.00'	39.83'

**TKE ENGINEERING**

APPROVED BY:

REGISTERED PROFESSIONAL ENGINEER  
 AILE ROBIN  
 CIVIL ENGINEER  
 PREPARED BY:  
 MIKE HEATH  
 2300 CHICAGO AVE  
 RIVERSIDE, CA 92507  
 DATE  
 8/14/2018

**CONSTRUCTION DETAILS**

**LA CANADA WAY AND EL CENTRO WAY AND SIDEWALK**

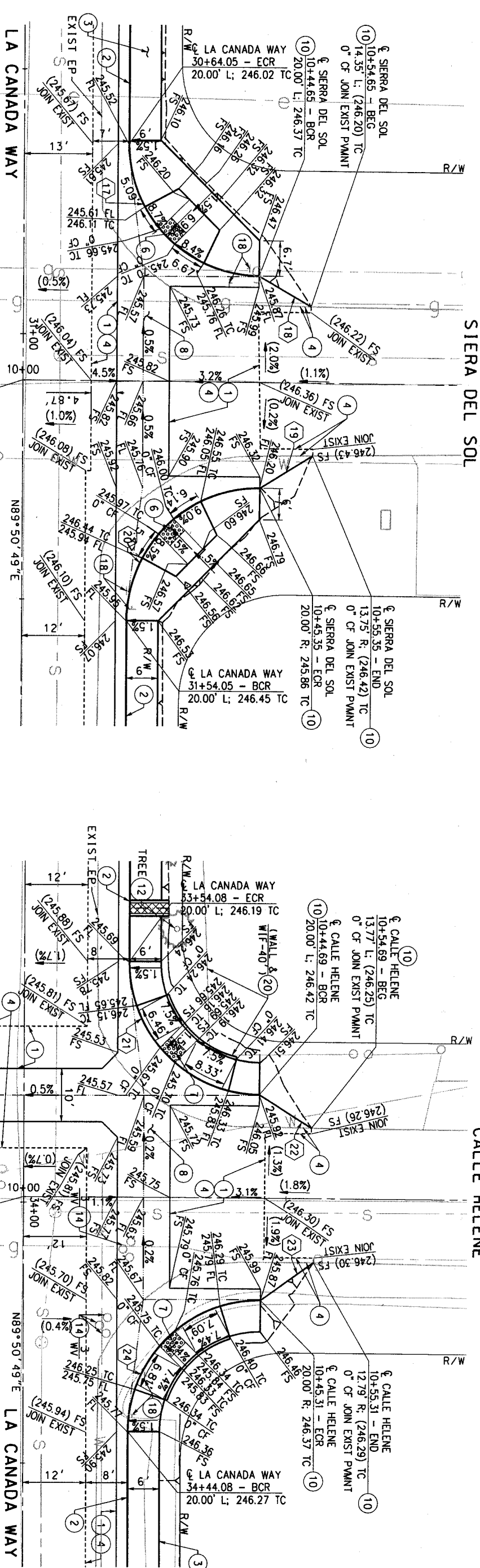
SCALE: 1" = 10'

**SHEET NO.**

**C-2**

SHEET 17 OF 21



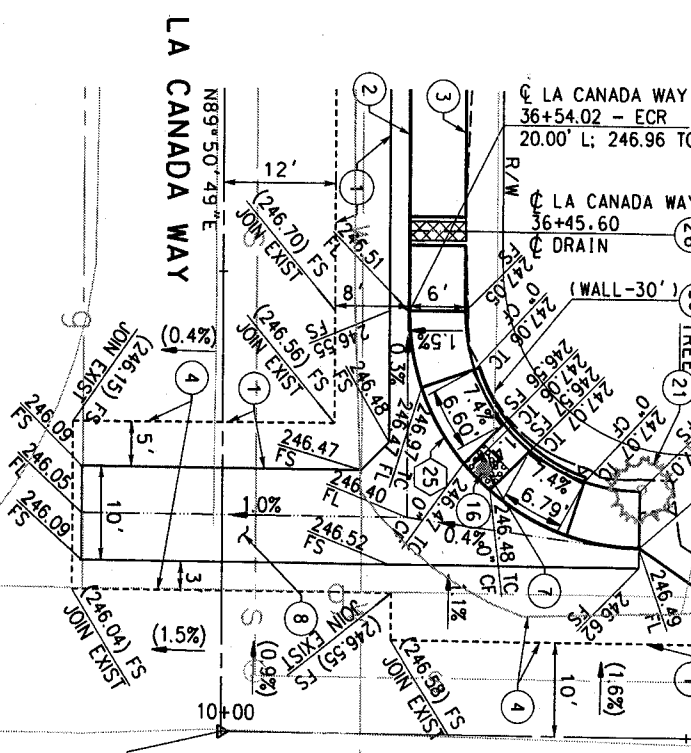


**CONSTRUCTION NOTES**

- 1 CONSTRUCT 0.35' HMA TYPE A OVER 0.60' CLASS II AGGREGATE BASE.
- 2 CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO 200.
- 3 CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO 400 & 401.
- 4 SAMCUT AND REMOVE AC PAVEMENT/ DRIVEWAY OR PAVERS AND SUBGRADE.
- 6 CONSTRUCT CURB RAMP CASE A PER COUNTY OF RIVERSIDE STANDARD NO 403.
- 7 CONSTRUCT CURB RAMP CASE B PER COUNTY OF RIVERSIDE STANDARD NO 403.
- 8 CONSTRUCT CROSS GUTTER PER RIVERSIDE COUNTY STANDARD NO 209.
- 9 CONSTRUCT GROSS GUTTER CONNECTION TO CURB AND GUTTER AT "T" INTERSECTION PER DETAIL ON SHEET C-1, AND PER RIVERSIDE COUNTY STANDARD NO. 209.
- 10 PER RIVERSIDE COUNTY STANDARD NO 212, WITH 0" TRANSITION TO EDGE OF PAVEMENT.
- 12 PROTECT IN PLACE
- 13 ADJUST EXISTING SEWER MANHOLE TO GRADE. (BY CWD)
- 16 RELOCATE EXISTING STREET LIGHT ON WOOD POLE (BY IID).
- 18 RELOCATE SIGN PER LAYOUT PLAN ON NEW POST PER RIVERSIDE COUNTY STANDARDS.
- 20 EXISTING FENCE/WALL/GATE TO BE REMOVED AND REPLACED IN KIND CLEAR OF NEW STREET IMPROVEMENTS AS DIRECTED BY THE ENGINEER.
- 21 REMOVE EXISTING TREE AND OR VEGETATION.

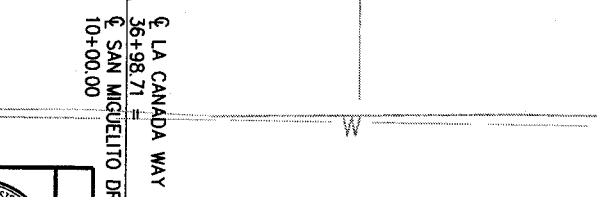
**INTERSECTION DETAIL E**

SCALE: 1"=10'



**INTERSECTION DETAIL F**

SCALE: 1"=10'



**CURVE / LINE DATA TABLE**

#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
17	89°33'20"	25.00'	39.08'	24.81'
18	N29°46'39"W	--	11.50'	--
19	N31°43'14"W	--	11.79'	--
20	90°26'40"	25.00'	39.46'	25.19'
21	89°36'16"	25.00'	39.10'	24.83'
22	N32°09'56"E	--	11.78'	--
23	N35°32'07"W	--	12.33'	--
24	90°23'44"	25.00'	39.44'	25.17'
25	89°36'12"	25.00'	39.10'	24.83'
26	N58°9'55"W	--	11.97'	--

**THE ENGINEERING**

APPROVED BY:

DATE

PREPARED BY:

2395 CHICAGO AVE  
RIVERSIDE, CA 92507

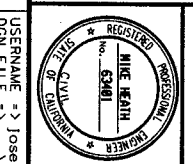
**CONSTRUCTION DETAILS**

LA CANADA WAY AND EL CENTRO WAY

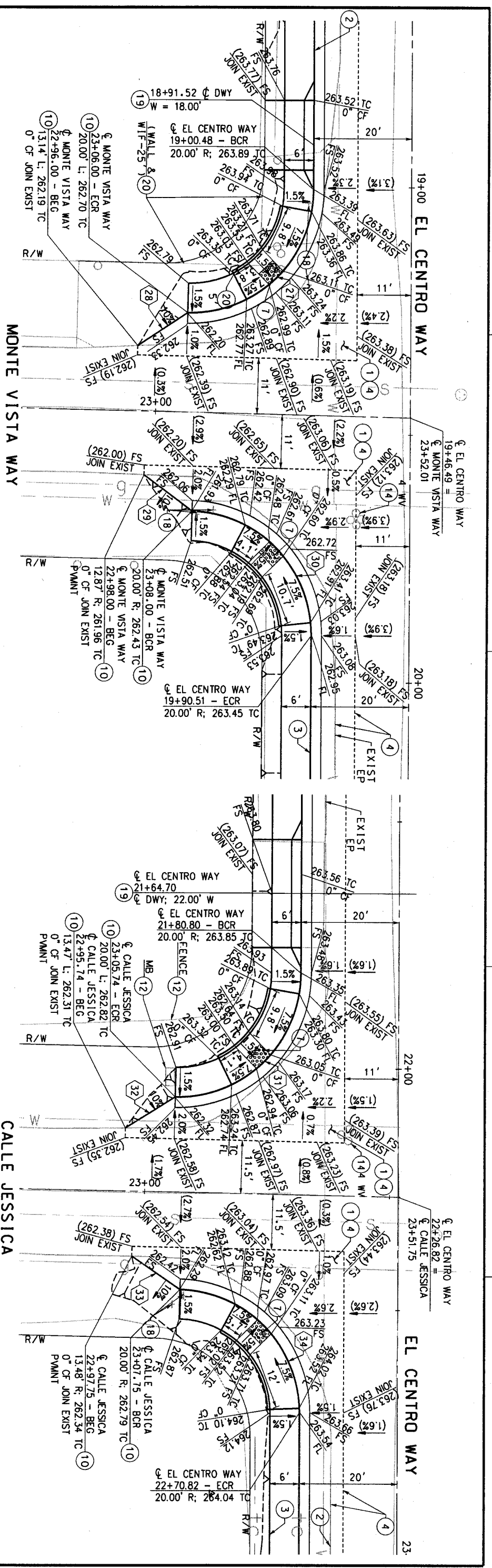
SCALE: 1" = 10'

SHEET NO. C-3

18 of 21



APPROVED BY: MIKE HEATH  
DATE: 8/14/2018  
PREPARED BY: MIKE HEATH  
2395 CHICAGO AVE  
RIVERSIDE, CA 92507



**CONSTRUCTION NOTES**

- 1 CONSTRUCT 0.35' HMA TYPE A OVER 0.60' CLASS II AGGREGATE BASE.
- 2 CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO 200.
- 3 CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO 400 & 401.
- 4 SAWCUT AND REMOVE AC PAVEMENT/ DRIVEWAY OR PAVERS AND SUBGRADE.
- 6 CONSTRUCT CURB RAMP CASE A PER COUNTY OF RIVERSIDE STANDARD NO 403.
- 7 CONSTRUCT CURB RAMP CASE B PER COUNTY OF RIVERSIDE STANDARD NO 403.
- 10 CONSTRUCT 6" ASPHALT CONCRETE DIKE PER RIVERSIDE COUNTY STANDARD NO 212. WITH 0" TRANSITION TO EDGE OF PAVEMENT.
- 14 ADJUST EXISTING WATER VALVE TO GRADE. (BY CVMC)
- 14 RELOCATE SIGN PER LAYOUT PLAN ON NEW POST PER RIVERSIDE COUNTY STANDARDS.
- 19 CONSTRUCT RESIDENTIAL DRIVEWAY PER RIVERSIDE COUNTY STANDARD NO 207.
- 20 EXISTING FENCE/WALL/GATE TO BE REMOVED AND REPLACED IN KIND CLEAR OF NEW STREET IMPROVEMENTS AS DIRECTED BY THE ENGINEER.
- 21 REMOVE EXISTING TREE AND OR VEGETATION.

**INTERSECTION DETAIL H**

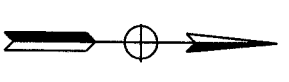
SCALE: 1"=10'

**INTERSECTION DETAIL I**

SCALE: 1"=10'

CURVE / LINE DATA TABLE

#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
27	91°16'11"	25.00'	39.08'	25.56'
28	N54°57'38"E	--	12.13'	--
29	N55°4'54"W	--	12.28'	--
30	88°43'49"	25.00'	38.72'	24.45'
31	91°16'47"	25.00'	39.83'	25.56'
32	N56°16'44"E	--	11.94'	--
33	N57°28'9"W	--	11.94'	--
34	88°43'13"	25.00'	39.44'	25.17'



**TKE ENGINEERING**

APPROVED BY:



PREPARED BY:  
MIKE HEATH  
2305 CHICAGO AVE  
RIVERSIDE, CA 92507

DATE  
8/14/2018

**CONSTRUCTION DETAILS**

**LA CANADA WAY AND EL CENTRO WAY SIDEWALK**

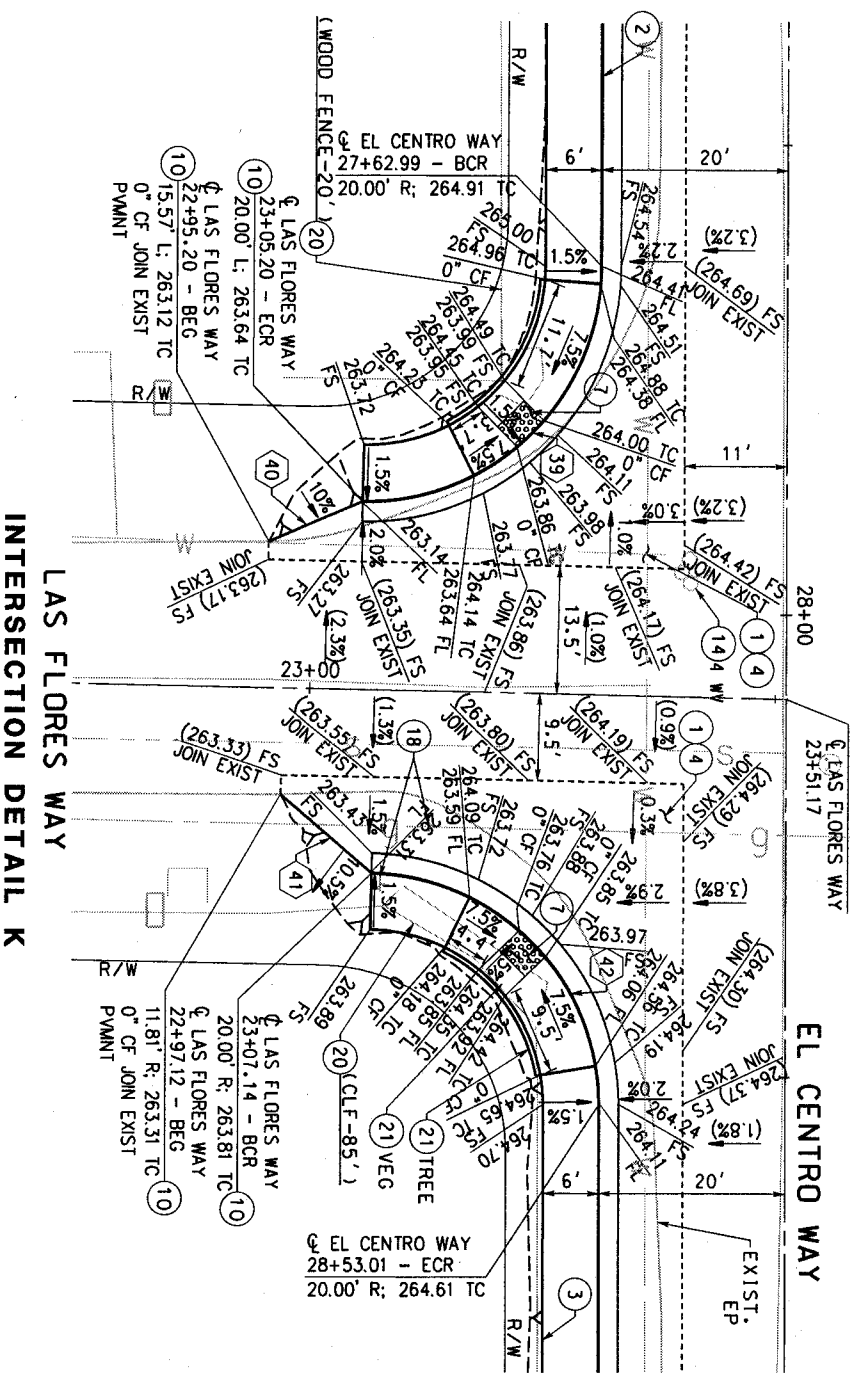
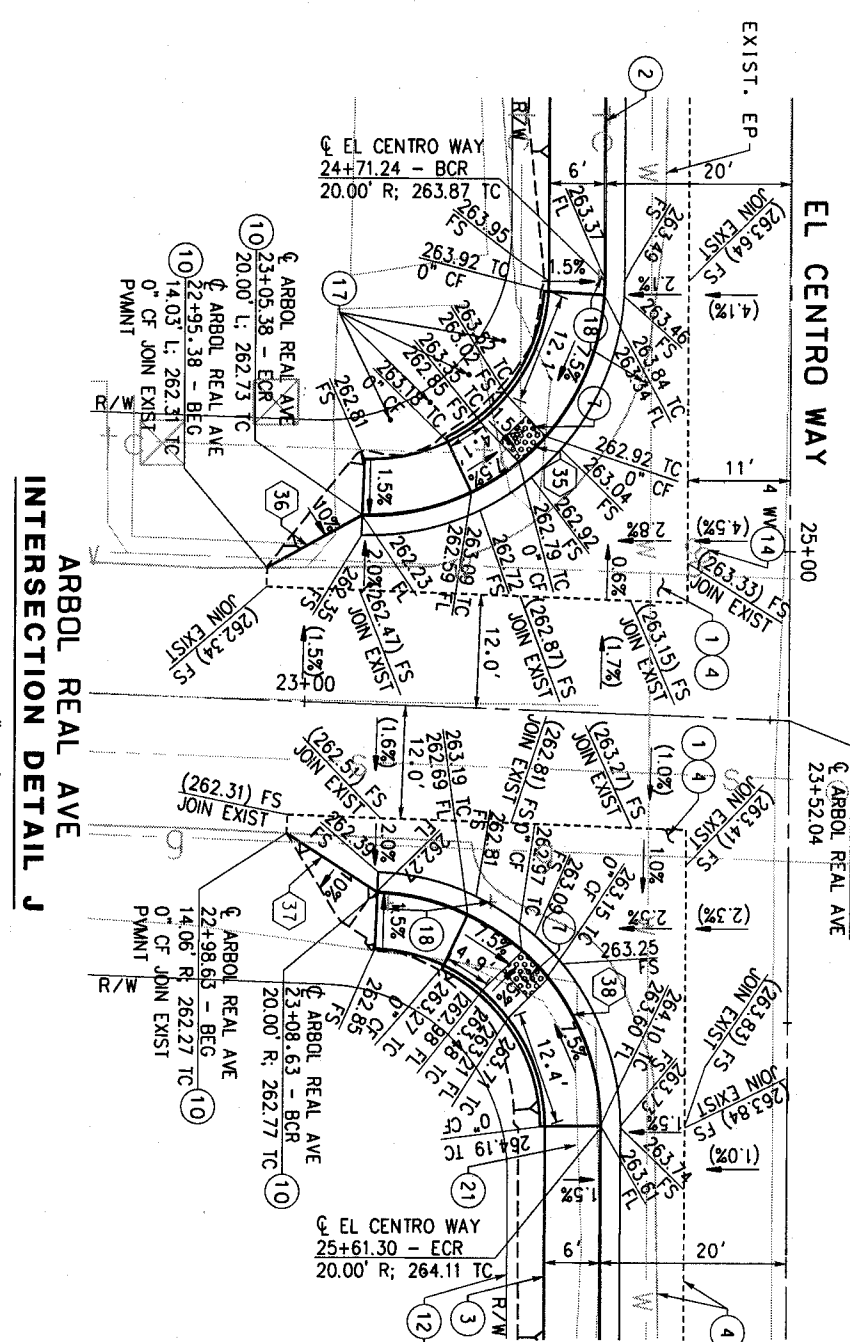
SCALE: 1" = 10'

**SHEET NO.**

**C-4**

SHEET 19 OF 21





**CONSTRUCTION NOTES**

- 1 CONSTRUCT 0.35' HMA TYPE A OVER 0.60' CLASS 11 AGGREGATE BASE.
- 2 CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO 200.
- 3 CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO 400 & 401.
- 4 SAWCUT AND REMOVE AC PAVEMENT/ DRIVEWAY OR PAVERS AND SUBGRADE.
- 6 CONSTRUCT CURB RAMP CASE A PER COUNTY OF RIVERSIDE STANDARD NO 403.
- 7 CONSTRUCT CURB RAMP CASE B PER COUNTY OF RIVERSIDE STANDARD NO 403.
- 10 CONSTRUCT 6" ASPHALT CONCRETE DIKE PER RIVERSIDE COUNTY STANDARD NO 212 WITH 0" TRANSITION TO EDGE OF PAVEMENT.
- 12 PROTECT IN PLACE
- 14 ADJUST EXISTING WATER VALVE TO GRADE. (BY CVM)
- 17 CONSTRUCT BOLLARDS.
- 18 RELOCATE SIGN PER LAYOUT PLAN ON NEW POST PER RIVERSIDE COUNTY STANDARDS.
- 20 EXISTING FENCE/WALL/GATE TO BE REMOVED AND REPLACED IN KIND CLEAR OF NEW STREET IMPROVEMENTS AS DIRECTED BY THE ENGINEER.
- 21 REMOVE EXISTING TREE AND OR VEGETATION.

**CURVE / LINE DATA TABLE**

#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
35	92°03'53"	25.00'	40.17'	25.92'
36	N59°22'13"E	--	11.65'	--
37	N59°3'53"W	--	11.63'	--
38	87°56'07"	25.00'	38.37'	24.12'
39	91°13'20"	25.00'	39.80'	25.54'
40	N65°29'54"E	--	10.94'	--
41	N51°18'20"W	--	12.93'	--
42	88°46'40"	25.00'	38.74'	24.47'



**TKE ENGINEERING**

APPROVED BY:

REGISTERED PROFESSIONAL ENGINEER  
 MIKE REINHOLD  
 LICENSE NO. 10000  
 PREPARED BY:  
 MIKE REINHOLD  
 2305 CHICAGO AVE  
 RIVERSIDE, CA 92507

8/14/2018  
 DATE

**CONSTRUCTION DETAILS**

**LA CANADA WAY AND EL CENTRO WAY SIDEWALK**

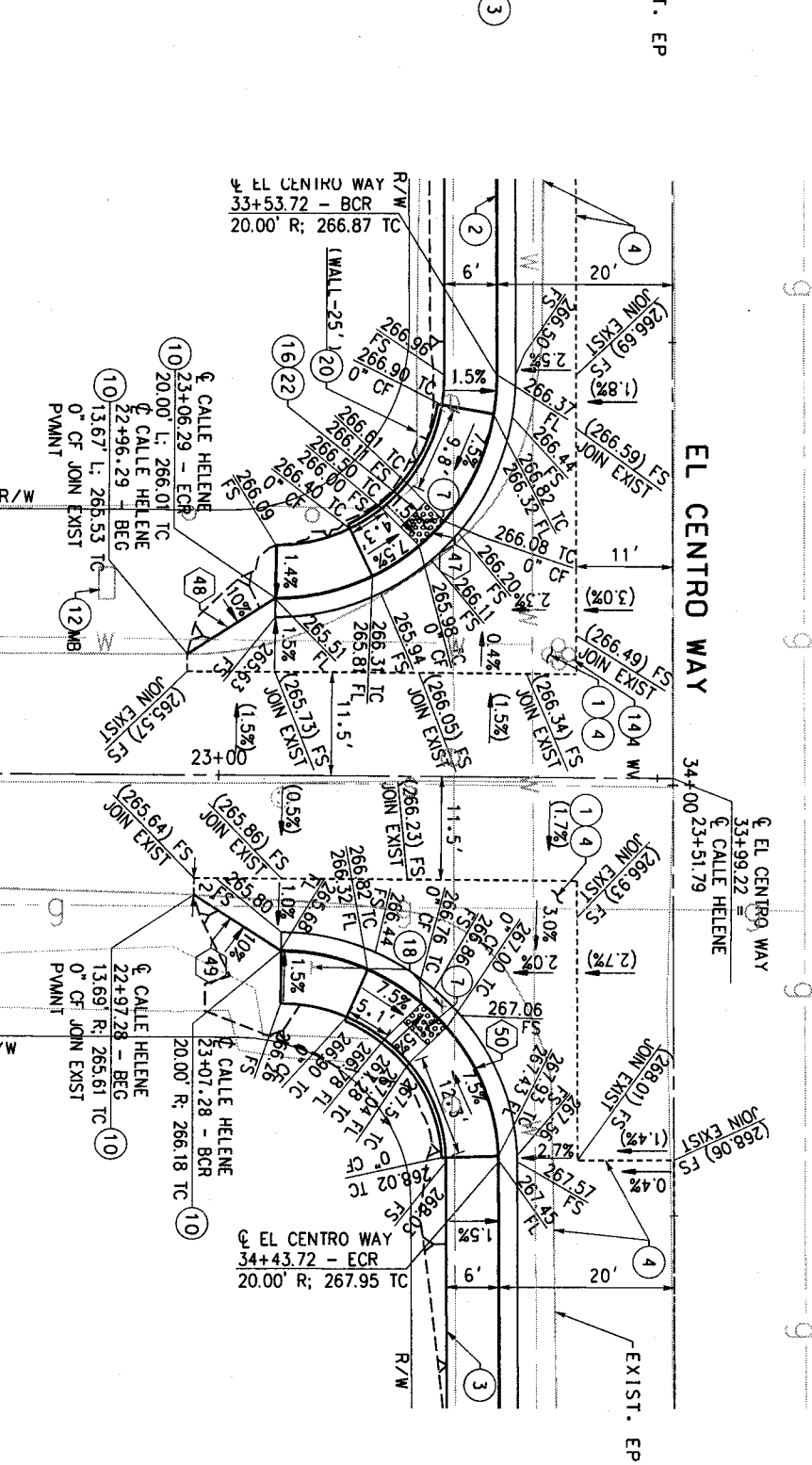
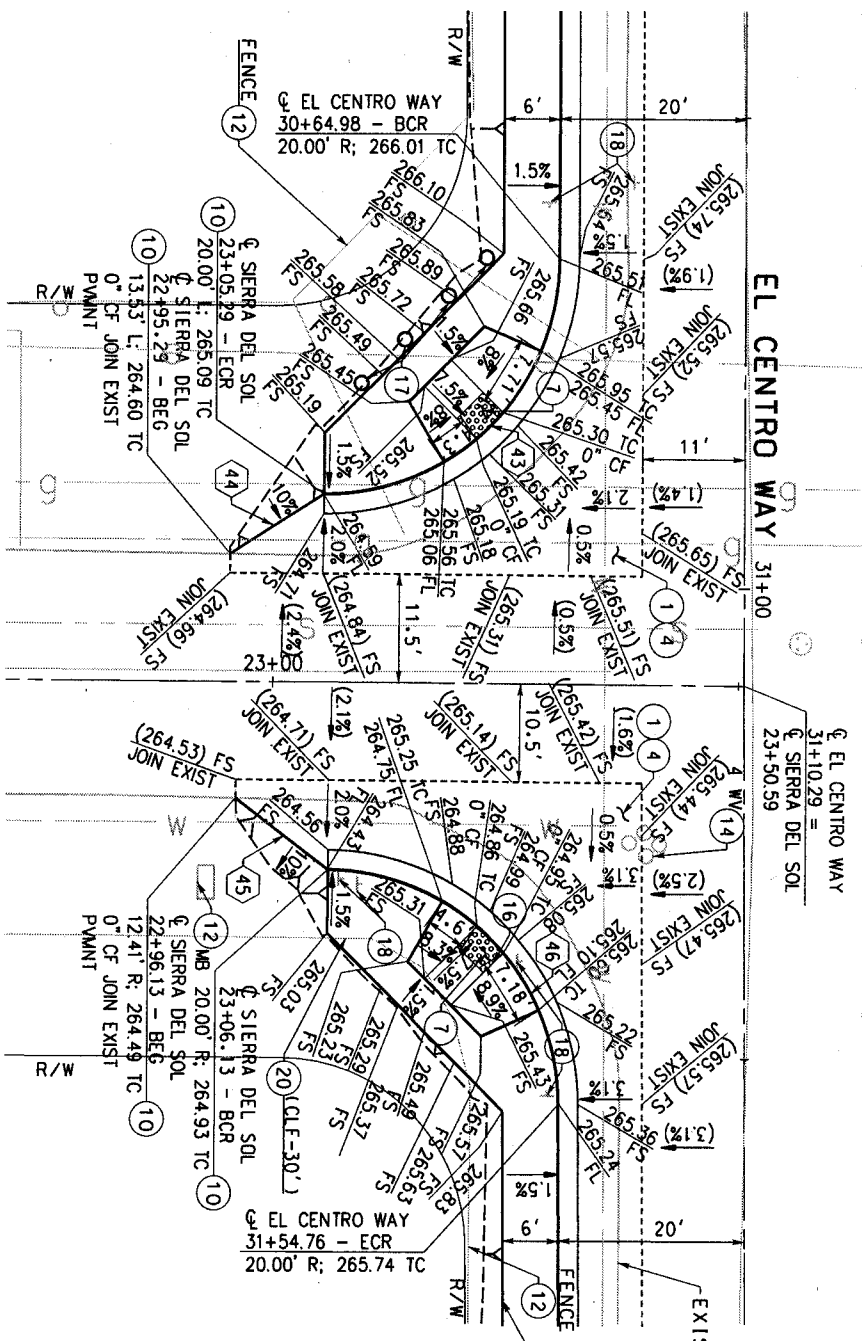
SCALE: 1" = 10'

**SHEET NO.**

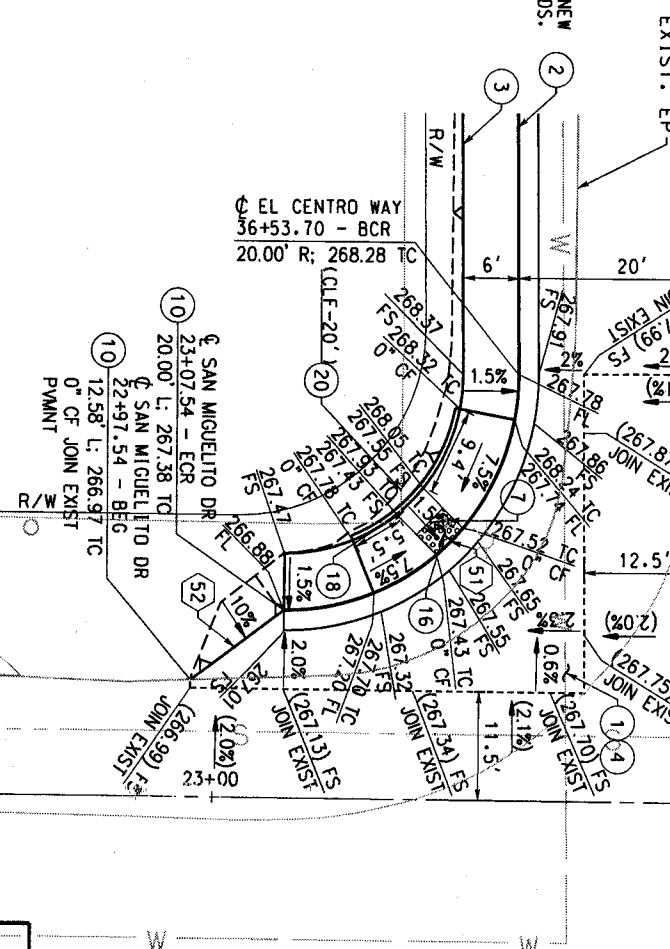
**C-5**

SHEET 20 OF 21





- ### CONSTRUCTION NOTES
- 1 CONSTRUCT 0.35' HMA TYPE A OVER 0.60' CLASS II AGGREGATE BASE.
  - 2 CONSTRUCT CURB AND GUTTER TYPE A-6 PER COUNTY OF RIVERSIDE STANDARD NO 200.
  - 3 CONSTRUCT PCC SIDEWALK PER COUNTY OF RIVERSIDE STANDARD NO 400 & 401.
  - 4 SAWCUT AND REMOVE AC PAVEMENT/ DRIVEWAY OR PAVERS AND SUBGRADE.
  - 5 CONSTRUCT CURB RAMP CASE A PER COUNTY OF RIVERSIDE STANDARD NO 403.
  - 6 CONSTRUCT CURB RAMP CASE B PER COUNTY OF RIVERSIDE STANDARD NO 403.
  - 7 CONSTRUCT 6" ASPHALT CONCRETE DIKE PER RIVERSIDE COUNTY STANDARD NO 212 WITH 0" TRANSITION TO EDGE OF PAVEMENT.
  - 8 PROTECT IN PLACE
  - 9 ADJUST EXISTING WATER VALVE TO GRADE. (BY CVM/D)
  - 10 RELOCATE EXISTING STREET LIGHT ON WOOD POLE (BY IID).
  - 11 CONSTRUCT BOLLARDS.
  - 12 RELOCATE SIGN PER LAYOUT PLAN ON NEW POST PER RIVERSIDE COUNTY STANDARDS.
  - 13 EXISTING FENCE/WALL/GATE TO BE REMOVED AND REPLACED IN KIND AS DIRECTED BY THE ENGINEER.
  - 14 REMOVE EXISTING TREE AND OR VEGETATION.
  - 15 RELOCATE EXISTING POWER POLE (BY IID).
  - 16 RELOCATE EXISTING MAILBOX.



### CURVE / LINE DATA TABLE

#	DELTA/BEARING	RADIUS	LENGTH	TANGENT
43	90°23'25"	25.00'	39.44'	25.17'
44	N55°37'17"E	--	11.91'	--
45	N54°15'16"W	--	12.56'	--
46	89°19'01"	25.00'	38.97'	24.70'
47	90°38'03"	25.00'	39.55'	25.28'
48	N56°08'6"E	--	11.84'	--
49	N59°15'37"W	--	11.82'	--
50	89°21'57"	25.00'	38.99'	24.72'
51	90°38'08"	25.00'	39.55'	25.28'
52	N51°55'12"E	--	12.45'	--

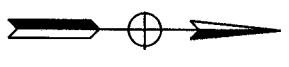
APPROVED BY: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_

DATE: 8/14/2018

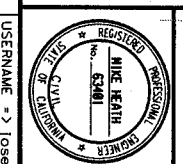
LA CANADA WAY AND EL CENTRO WAY AND SAN MIGUELITO DR INTERSECTION DETAILS

SHEET NO. C-6



BORDER LAST REVISED 07/21/2015

RELATIVE BORDER SCALE IS IN INCHES



PREPARED BY: MIKE HEATH  
2305 CHILCAGO AVE  
RIVERSIDE, CA 92507

LA CANADA WAY AND EL CENTRO WAY AND SAN MIGUELITO DR INTERSECTION DETAILS

SCALE: 1" = 10'

WO C6-0068

COUNTY FILE NO. 966F

SHEET 21 OF 21



# THE PRESS-ENTERPRISE

1825 Chicago Ave, Suite 100  
Riverside, CA 92507  
951-684-1200  
951-368-9018 FAX

**PROOF OF PUBLICATION  
(2010, 2015.5 C.C.P)**

Publication(s): The Press-Enterprise

PROOF OF PUBLICATION OF

Ad Desc.: Bids for Camino Aventura & Thousand Palms C6-0067 and

I am a citizen of the United States. I am over the age of eighteen years and not a party to or interested in the above entitled matter. I am an authorized representative of THE PRESS-ENTERPRISE, a newspaper in general circulation, printed and published daily in the County of Riverside, and which newspaper has been adjudicated a newspaper of general circulation by the Superior Court of the County of Riverside, State of California, under date of April 25, 1952, Case Number 54446, under date of March 29, 1957, Case Number 65673, under date of August 25, 1995, Case Number 267864, and under date of September 16, 2013, Case Number RIC 1309013; that the notice, of which the annexed is a printed copy, has been published in said newspaper in accordance with the instructions of the person(s) requesting publication, and not in any supplement thereof on the following dates, to wit:

**09/17, 09/18, 09/19, 09/20, 09/21, 09/22, 09/23, 09/24, 09/25,  
09/26/2018**

I certify (or declare) under penalty of perjury that the foregoing is true and correct.

Date: September 26, 2018  
At: Riverside, California



Legal Advertising Representative, The Press-Enterprise

BOARD OF SUPERVISORS  
COUNTY OF RIVERSIDE  
PO BOX 1147  
RIVERSIDE, CA 92502

Ad Number: 0011174078-01

P.O. Number:

## Ad Copy:

### Notice to Bidders

County of Riverside, herein called Owner, invites sealed proposals for:

**Camino Aventura Sidewalk Project  
Desert Hot Springs Area  
County Project No. C6-0067, State Project No. ATPL-5956 (259)  
And  
Thousand Palms Area Sidewalks Project  
El Centro Way and La Canada Way  
Thousand Palms Area  
County Project No. C6-0068, State Project No. ATPL-5956 (257)**

Bid shall be delivered to the County of Riverside Transportation Department, 14th Street Annex, 3525 14th Street, Riverside, California 92501, telephone (951) 955-6780 not later than 2:00 p.m., on Wednesday, October 3, 2018 to be promptly opened in public at said address. Each bid shall be in accordance with plans, specifications and other contract documents, dated August 2018, and prepared by County of Riverside, whose address is same as the above, from whom they may be obtained upon deposit of \$40.00 per set with 24"x36" plans plus mailing costs. No refund. Prospective bidders may preview the plans, specifications and other contract documents at no charge prior to purchase at the above noted location.

Pursuant to Labor Code section 1771.1, any Contractor bidding, or subcontractor to be listed on a bid proposal subject to Public Contract Code section 4104, shall not be qualified to bid after March 1, 2015, unless currently registered and qualified to perform public works pursuant to Labor Code section 1725.5. No Contractor or subcontractor may be awarded a contract or perform work on any contract for public work, after April 1, 2015, without proof of current registration with the Department of Industrial Relations pursuant to Labor Code section 1725.5 to perform public works.

The County of Riverside, in accordance with Title VI of the Civil Rights Act of 1964 (78 Stat. 252) and the Regulations of the Department of Commerce (15 C.F.R., Part 8) and related statutes, issued pursuant to such Act, hereby notifies all bidders that minority businesses will be afforded full opportunity to submit bids, and it will affirmatively insure that the contract entered into pursuant to this advertisement will be awarded to the lowest responsible bidder without discrimination on the grounds of race, color, sex, national origin, religion, age, or disability.

The Contractor is required to have a Class "A" or C12 license at the time of bid submission.

Engineering Estimate: \$ 549,500.00 - \$ 641,000.00 (Base Bid Sch. A)  
\$ 933,000.00 - \$ 1,088,500.00 (Base Bid Sch. B)  
\$ 18,000.00 - \$ 21,000.00 (Alternate Bid Sch. 1)

Bid Bond 10 %  
Performance Bond 100 %  
Payment Bond 100 %  
Working Days 65 Working Days  
Website: <http://rctlma.org/trans/Contractors-Corner/Notices-Invlving-Bids>

Alternative formats available upon request to individuals with disabilities.

Dated: September 12, 2018  
KECIA HARPER-IHEM  
Clerk of the Board of Supervisors  
By: Cecilia Gil, Board Assistant

9/17 - 9/26

3.32 of 09/11/18